

RESOLUTION AUTHORIZING THE ADOPTION OF THE REVISED ASHTABULA COUNTY HIGHWAY USE MANUAL, ENGINEER'S OFFICE

WHEREAS, In accordance with Ohio Chapters 5547 of the Ohio Revised Code imposes upon a board of county commissioners the responsibility to control the placement of structures or objects within the bounds of highways, bridges, and culverts other than on the state highway system; and

WHEREAS, Section 1723.02, so far as the rights of the public therein are concerned, grants to the Board of County Commissioners as to County roads, to grant to companies organized for the purposes set forth in Section 1723.01, subject to the regulations and restrictions that the Board prescribes, the right to lay tubing, pipes, conduit, poles, and wires within the County road; and

WHEREAS, Section 4513.34 of the Ohio Revised Code authorizes the Board of County Commissioners with respect to County highways, to issue special permits for the operation or movement of vehicles or combinations of vehicles of a size or weight of vehicle or load, exceeding the maximum specified in Section 5577.01 to 5577.09 of the Ohio Revised Code; and

WHEREAS, the Ashtabula County Board of Commissioners in an effort to effectively control the use of highway under their jurisdiction, and to expeditiously administer sections of the Code for which they are responsible, has established criteria which, in the Board's opinion if met, would be sufficient, absent a recommendation from the Ashtabula County Engineer that such not be granted, to authorize the installation of the structure of placement sought under Chapter 5547, or 1723 of the Ohio Revised Code, or the movement requested under Section 4513.34 of the Ohio Revised Code; and

WHEREAS; pursuant to Section 5543.16 of the Ohio Revised Code, the Ashtabula County Engineer has developed a set of County-wide rules and regulations to govern the construction and repair of approaches and driveways from public roadways within the County; and

WHEREAS, the rules and regulations felt necessary by the Board to authorize the installation of an obstruction of object within the road right-of-way per Chapter 5547 and 1723, and the basis for a special permit under Section 4513.34, as well as for the construction and repair of approaches and driveways under authority of Chapter 5543.16, have been consolidated into Exhibit A attached hereto and titled, "Ashtabula County Commissioners Highway Use Manual".

WHEREAS, on January 12, 2006, upon the recommendation of Tim Martin, Ashtabula County Engineer and Tom Partridge, Chief Deputy Engineer the current version of the Ashtabula County Commissioners Highway Use Manual was adopted; and

WHEREAS, on the 31st day of May, 2022 revisions were made to align the policy with statutory and regulatory changes and to update the insurance provisions within the manual.

THEREFORE, BE IT RESOLVED, By the Board of Commissioners of Ashtabula County, Ohio that the highway use manual is approved in accordance with a copy of said manual now on file in this office.

**ASHTABULA COUNTY COMMISSIONERS
CERTIFICATION PAGE**

Resolution No. 2022-283

June 07, 2022

**RESOLUTION AUTHORIZING THE ADOPTION OF THE REVISED ASHTABULA
COUNTY HIGHWAY USE MANUAL, ENGINEER'S OFFICE**

Upon the motion of Casey R. Kozlowski, seconded by J.P. Ducro IV.

VOTE:

J.P. Ducro IV

Casey R. Kozlowski

Kathryn L. Whittington

Aye

Aye

Absent

CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of a resolution acted upon and duly passed by the Board of County Commissioners of Ashtabula County, Ohio, on the date noted above.



Lisa Hawkins, Clerk of the Board
Board of County Commissioners
Ashtabula County, Ohio

Ashtabula County Commissioners



Highway Use Manual

Adopted January 12, 2006

Revision 1 - March 2009

Revision 2 August 2011

Revision 3 - _____ 2022

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WHEREAS, the Ashtabula County Board of Commissioners in an effort to effectively control the use of highway under their jurisdiction, and to expeditiously administer sections of the Code for which they are responsible, has established criteria which, in the Board's opinion if met, would be sufficient, absent a recommendation from the Ashtabula County Engineer that such not be granted, to authorize the installation of the structure of placement sought under Chapter 5547, or 1723 of the Ohio Revised Code, or the movement requested under Section 4513.34 of the Ohio Revised Code; and

WHEREAS; pursuant to Section 5543.16 of the Ohio Revised Code, the Ashtabula County Engineer has developed a set of County-wide rules and regulations to govern the construction and repair of approaches and driveways from public roadways within the County; and

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VOTE:

J.P. Ducro IV

Casey R. Kozlowski

Kathryn L. Whittington

Aye

Aye

Absent

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Lisa Hawkins, Clerk of the Board
Board of County Commissioners
Ashtabula County, Ohio

**ASHTABULA COUNTY COMMISSIONERS
HIGHWAY USE MANUAL**

SECTION 1

**POLICIES FOR THE ACCOMMODATION OF UTILITIES IN
COUNTY MAINTAINED RIGHTS-OF-WAY**

SECTION 2

**POLICIES AND PROCEDURES FOR THE ISSUANCE OF SPECIAL
HAULING PERMITS ON COUNTY MAINTAINED HIGHWAYS**

SECTION 3

**POICIES AND PROCEDURES FOR THE INSTALLATION OF
DRIVEWAY PIPES AND FRONTAGE TILE WITHIN THE
RIGHT-OF-WAY ON COUNTY MANTAINED HIGHWAYS**

ASHTABULA COUNTY COMMISSIONERS HIGHWAY USE MANUAL

SECTION 1
POLICIES FOR THE ACCOMMODATIO OF UTILITIES IN
COUNTY MAINTAINED RIGHTS-OF-WAY

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SECTION 1
**POLICIES AND PROCEDURES FOR THE ACCOMMODATION OF
UTILITIES IN COUNTY MAINTAINED RIGHTS-OF-WAY**

A) INTRODUCTION

The Ashtabula County Board of Commissioners has the responsibility to maintain public highways under its jurisdiction per ORC 5547 and 1723. With this responsibility comes the necessity to preserve the function, integrity and operating safety of these highways. Utilities occupy highways in various manners including but not limited to tubing, pipes, conduit, poles and wires both crossing and longitudinally occupying highway right-of-way. Since occupancy by utility infrastructure will affect the appearance, safe operation and maintenance of the highway, it is necessary that such use and occupancy be reasonably regulated.

The purpose of this policy is to provide conditions whereby utility companies may utilize the right-of-way of public highways under the jurisdiction of the Ashtabula County Board of Commissioners. Through this policy the preservation of the existing investment, safe use by the public, maintenance requirements, proposed future improvements, and environmental concerns should be protected while affording maximum use of right-of-ways under the Board's authority. Recognizing the need for special consideration for unusual or hardship situations, this policy should provide uniform practices while expediting the processing of permits.

B) SCOPE AND APPLICATION

This policy, when adopted, will supersede the previous policy as recorded in The Ashtabula County Commissioner's Journal Volume 57, Page 86 approved May 6, 1971, titled: CLASSIFYING THE IMPROVED COUNTY ROADS, ACCEPTING RULES REGULATIONS GOVERNING THE WEIGHT OF VEHICLES AND LOAD, AND THE SPEED PERMITTED ON THE SEVERAL CLASSES OF ROADS AND ESTABLISHING PERMIT AND ESCROW FEES AND ESTABLISHING FUND.

This policy does not supersede specific permits or agreements previously issued or entered into by the Board of Ashtabula County Commissioners for the occupancy of highway right-of-way by specific facilities, nor does it supersede specific requirements of other governmental agencies or bodies.

This policy shall apply to all utilities, as defined herein, with regard to construction, adjustment, or relocation on or across right-of-way under the jurisdiction of the Ashtabula County Commissioners after the effective date of this policy.

The provisions of this policy are based on AASHTO publication GAU-3 "Guide for Accommodating Utilities in Highway Right of Way". In case of conflict with the foregoing publication, the guidelines set forth in this policy shall apply.

C) DEFINITIONS

Augering	The procedure for making a hole below the surface by the use of an earth auger.
Average Daily Traffic (ADT)	The average 24-hour volume, being the total volume during a stated period divided by the number of days in that period; unless otherwise stated, the period is a year.
Backfill	Replacement of acceptable soil or granular material in an excavation.
Bedding	Organization of soil or other material to support an underground facility
Berm	(see Shoulder)
Boring	The procedure of making a hole below the surface by the use of a boring bar.
Cap	Rigid structural element surrounding a pipe or conduit.
Carrier	Pipe directly enclosing a transmitted liquid, gas or solid.
Casing	A larger pipe enclosing a carrier.
Clear Zone	The area along a highway beyond the edge of pavement and available for safe use by errant vehicles.
Clear Zone Grading	The shaping of the roadside using 4:1 of flatter foreslopes and traversable ditches within the clear zone area.
Coating	Material applied to or wrapped around a pipe.
Conduit	An enclosed tubular runway for protecting wires or cables.
Cover	Depth to top of facility below grade of roadway, ditch, or other surface.
Cradle	Rigid structural element under and supporting a pipe.
Direct Burial	Installing a utility facility underground without encasement, by plowing or trenching.
Driving	The procedure of placing pipe below the surface by applying force in intermittent blows to a block or driving shoe, attached to the trailing end of the pipe. A driving head or plugged collar is attached to the leading end of the conduit or pipe. An air hammer generally provides the driving force.
Duct	An enclosed tubular runway for protecting wires or cables.

Encasement	Poured concrete, completely surrounding a pipeline or conduit installed in a trench.
Encroachment	Unauthorized use of the highway right-of-way or easements as for signs, fences, buildings or other structures.
Flexible Pipe	A plastic, fiberglass or metallic pipe having large ratio of diameter to wall thickness, which can be deformed without undue stress.
Gallery	A prefabricated or monolithic structure large enough to permit inspections, repair and replacement of one or more utility lines in place.
Highway	A general term used for denoting a public way for purposes of vehicular travel, including the entire area within the right-of-way.
Jacking	The procedure of installing pipe below the surface by the application of force to the trailing end of the capped conduit or pipe through hydraulic or mechanical jacks or pushing machines.
Manhole	An opening in an underground system which workmen or others may enter for the purpose of making installations, inspections, repairs, connections and tests.
Normal	Crossing at a right angle
Oblique	Crossing at an acute angle
ODOT	Ohio Department of Transportation
Permit	An agreement, by which the highway authority regulates and/or gives approval of the use and occupancy of highway rights-of-way by utility facilities or private lines. A non-standard permit is one in which the application contains a feature in variance with applicable policies contained in this section or minimum standards for design.
Pipe Line	A continuous carrier used primarily for the transmission of liquids, gases and/or solids from one point to another using either gravity or pressure.
Pressure	Relative internal pressure in psig (pounds per square inch gauge).
Right-of-Way	A general term denoting land, property or interest therein usually in a strip, acquired for or devoted to transportation purposes.
Rigid Pipe	Pipe designed for diametric deflection of less than 1.0%.
Road	(See Highway)

Roadside	The area between the outside edge of the graded shoulder and the right-of-way limits.
Roadway	The portion of the highway for vehicle use measured either between the outside edges of the graded shoulders or face of guardrail.
Semi-Rigid Pipe	Pipe designed to tolerate diametric deflection up to 3.0%
Service Drops or Lines	All lines supplying utility service to individual consumers from a main line.
Shoulder	The portion of the roadway contiguous with the traveled way for accommodation of stopped vehicles, for emergency use, and for lateral support of base and surface courses.
Slab, Floating	Slab not supported by a rigid foundation.
Sleeve	Short casing through pier or abutment of highway structure.
Specified Minimum Yield Strength (SMYS)	The force per unit area, which will produce a stress sufficient to cause a permanent deflection or change in cross sectional area of a shape or rigid body. A.k.a. yield point. This stress is the limiting factor in pipeline design.
Street	(see Highway)
Traveled Way	The portion of the roadway for the movement of vehicles exclusive of shoulders or auxiliary lanes.
Trenches	Installed in a narrow open excavation.
Trenchless	Installation without breaking ground or pavement surface, such as by jacking, boring or tunneling
Tunnel	Enclosed excavation through which a utility is to be installed.
Unprotected	Underground utility line installed without provision of casing, encasement or gallery.
Untrenched	(see trenchless)
Utility	“Utility” shall mean and include all privately, publicly or cooperatively owned lines, facilities and systems for producing, transmitting or distributing communications, power, electricity, light, heat, gas, oil, crude products, water, steam, waste, storm water not connected with highway drainage and other similar commodities, including publicly owned fire and police signal systems and street lighting systems, which directly or indirectly serve the public or any part thereof. The term “utility” shall also mean the utility company, inclusive of any wholly owned or controlled subsidiary. Service

lines, privately owned, devoted exclusively to supplying the various commodities to the owner and not directly or indirectly serving the public, shall not be considered a “utility”.

Vent Appurtenance to discharge vapors form casings.

D) GENERAL CONSIDERATIONS

The following are general considerations for the safety, design and location of all utility installations within the right of way of county-maintained highways in Ashtabula County.

1. SAFETY

- a. Highway safety is important when accommodating utility facilities within highway right of way. The design, location, and manner in which utilities use and occupy highway right of way shall conform to the policies of the Ashtabula County Engineer, acting under the authority of the Ashtabula County Commissioners. Circumstances may require safety issues to be balanced with factors such as future highway improvements, highway constructability, operations, and maintenance.

2. LOCATION

- a. New utility lines should be located to minimize the need for later adjustments thus accommodating future highway improvements and to permit servicing such lines with minimum interference to highway traffic.
- b. Longitudinal installations should be located on uniform alignment as near as practicable to the right-of-way lines so as to provide a safe environment for traffic operation and preserve space for future highway improvements or other utility installations.
- c. To the extent feasible and practicable, utility line crossing of the highway should cross on a line generally normal to the highway alignment.
The horizontal and vertical location of utility lines within the road right-of-way limits should be such that the clear zone is maintained in accordance with current ODOT design standards for the applicable system and specific conditions for the particular highway section involved.
- d. Where other locations are not feasible, bridges may be utilized to support utility facilities as provided in part G of this section.
- e. Utility lines shall not be allowed to utilize existing drainage culverts or drive pipes as a means of encasement.
- f. In all cases full consideration should be given to the measures reflecting sound engineering principles and economic factors, necessary to preserve and protect the integrity and visual quality of the highway and utility facilities, their maintenance, efficiency, and safety factors.

3. DESIGN

- a. Highway and utility facilities, by tradition, practice and by law frequently co-exist within the same right of way. Therefore, it is essential that these services be compatibly designed and operated. Joint highway and utility planning and development efforts are encouraged. In the design of highway facilities, consideration should be given to the utility service needs of the area traversed where such service is to be provided from utility facilities on or near the highway. The potential impact on the highway and its use must be considered in the design and location of utility facilities within the highway right of way.
- b. The utility owner shall be responsible for the design of its facility including the depth, clearances, and separation between lines or the attachment to a highway structure, and the work shall be in accordance with this policy. The Ashtabula County Engineer is responsible for the review of the utility's proposal with respect to location or attachment to structures and, acting under the authority of the Ashtabula County Commissioners, may accept or reject the utility's proposal as submitted. Plans should address measures to be taken to preserve the safe and free flow of traffic, structural integrity of the roadway or highway structure, ease of highway maintenance, appearance of the highway and the integrity of the utility facility.

E. PIPE LINES

1. GENERAL

- a. The design of underground utility pipelines must be varied as necessary because of site conditions, type or utility, type of highway and degree of access control. Therefore, the following is to be considered as a flexible policy, which may be modified where special conditions exist. Design of the utility facilities shall conform to the requirements contained herein, but where Local or Industry design standards are higher than specified herein, Local or Industry standards shall prevail. Arrangements for emergency maintenance procedures shall be made whenever possible by the utility notifying the County Engineer's office for the purpose of traffic safety.

2. LOCATION

- a. Within highways, crossings are permitted subject to the conditions set forth in this policy. Longitudinal lines may be permitted and such installations should be located between the ditch and right-of-way line. If the location beyond the ditch is not feasible, the line may be located between the edge of the pavement, and the line should be normally located such that the distance between the edge of pavement (or paved or stabilized shoulder) and the inside edge of the trench is greater than the depth of the trench.

3. DESIGN

- a. Casing is required for pipelines crossing the highway and carrying petroleum gas under pressure.
- b. Casing is not required for water and sewer lines crossing the highway. However, sewer lines shall conform to ODOT Construction and Materials Specification ITEM 611.

- c. The County, through the Ashtabula County Engineer, reserves the right to require casing or equivalent alternative protection based on conditions or hazards involved.
- d. When not required by the county, casing may be used at the elevation of the utility when it is the policy of the utility to use casing.
- e. Determination of the need for strengthening or replacing an existing utility pipeline, which is to remain in its original position beneath a new highway facility, shall be based on the depth, strength and condition of the existing utility pipeline and upon the type of surrounding soil and the foundation soils. If a fill or surcharge is to be placed upon the existing ground above an existing utility pipeline, thorough investigation should be made and consideration given to such treatments as concrete cap, partial encasement, full encasement or replacement with stronger pipe. If the determination indicates that it is feasible to leave an existing utility pipe parallel under pavement, extensions for future service connections shall be made prior to the pavement being placed.

4. INSTALLATION

- a. Pipeline crossings of all highways shall be made without disturbing existing pavements. Open cut of pavement will be permitted only when approved by the Ashtabula County Engineer.
- b. Where a pipe crossing or casing is installed by jacking or driving, augering or boring ahead of the casing shall be allowed, where soil conditions permit. Water jetting will not be permitted.
- c. Galleries, casings or unprotected utilities installed in open cut trenches on highway rights-of-way shall be bedded and backfilled in accordance with the standards herein.
- d. Grade of the crown of an unprotected pipe or the crown of a casing shall be established such that minimum depth of cover will be as follows:

	<u>Water Lines</u>	<u>Other</u>
Under pavement surface	4 feet	3 feet
Under sod ditches	3 feet	3 feet
Under paved ditch	2 feet	2 feet
Under other surfaces	3 feet	2 feet

- e. Gas or other liquid petroleum transmission lines will require greater cover, in areas not under pavement, in accordance with Federal Minimum Pipeline Safety Standards.
- f. Additional depth cover, or less than minimum, may be required to meet existing field conditions.

- g. When the highway is now, or is to be constructed, on an embankment or in a shallow cut, casings when used shall extend across the full width of the right-of-way. If significant saving would result, the casing may be terminated beyond the outer edge of the ditch flow line, or the embankment slope if a ditch is not provided.
- h. When the highway is now, or is to be constructed in deep cut, casings when used, shall extend across the roadway to include the effective width of the outside shoulders. Effective width is to be considered to be the offset distance between the edge of the pavement and the face of the guardrail as provided elsewhere of the highway project. Overhead structures, either utility or highway, may be considered for the purpose of spanning deep cuts with water and gas lines when other locations prove difficult and unreasonably costly.

F. POWER AND COMMUNICATION LINES

1. GENERAL

- a. The guidelines for accommodation of power and communication lines on highway rights-of-way will vary with site conditions, type of line involved, type of highway and degree of access control; therefore, the following is to be considered a flexible policy which may be modified where special conditions exist. Design of the utility facilities shall conform to the guidelines contained herein but where Local or Industry Standards are higher than specified herein, Local or Industry Standards shall prevail.
- b. The vertical clearance of overhead lines crossing highway rights-of-way shall not be less than the minimum required by the Public Utilities Commission of Ohio and/or the National Electrical Safety Code. The County Engineer will determine the location and extent of additional clearance, required during highway construction, and will make every effort to give ample notification to the utility.
- c. Arrangements for emergency maintenance procedures shall be made whenever possible by the utility notifying the Ashtabula County Sheriff for the purpose of traffic safety.

2. LONGITUDINAL OCCUPANCY

- a. Within highway rights-of-way, longitudinal lines, either overhead or underground, may be permitted. Location of such lines should be between the ditch and the right-of-way line. If thorough investigation reveals that the location is not feasible for an underground line, authorization may be granted to construct the line in the shoulder area. When constructed in the shoulder area, it shall be so located that a one-to-one slope from the inside edge of the bottom of the trench will intercept the round surface outside the paved or stabilized shoulder. Plowed cable shall not be installed within the shoulder area where lines for highway lighting, illuminated signs or other obstructions are located. Backfilling of the trenches shall be in conformance with the standards set forth in Part L. of this section. Ground-mounted utility facilities should be placed as far as practical from the traveled way, beyond the clear zone, and be of a pleasing design compatible with the visual quality of the highway involved. Guy wires to ground anchors and stub poles should not be placed between a pole and the traveled way where they encroach upon the clear zone. In the event

that sufficient right-of-way is not available to meet the clear zone requirement, the utility facility should be placed as far back as feasible.

- b. Longitudinal installations of overhead lines should be limited to single pole type of construction. Joint-use single pole construction is encouraged at locations where more than one utility type of facility is involved.

3. OVERHEAD CROSSINGS

- a. Structures for the support of overhead utility lines crossing highway rights-of-way may be permitted; however, such structures should be located between the ditch and the right-of-way line in a manner that will cause the least interference with the normal maintenance of the highway.

4. UNDERGROUND CROSSINGS

- a. Conduits, casings, where desired, or unprotected utilities for underground lines crossing existing highways shall be installed by driving, boring, tunneling or jacking without disturbing the pavement or paved shoulders, if soil conditions are suitable. Water jetting will not be permitted. Open cuts of pavements will not be permitted unless it is demonstrated there is no reasonable alternate method available.
- b. Conduits or casing shall extend beyond the outer edge of the ditch flow lines, or the embankment slope, if ditch is not provided. When the highway is constructed in a deep cut, the conduit or casing may be terminated beyond the shoulders.
- c. The grade of the crown of conduit, casing or unprotected power or communication line shall be estimated such that the minimum depth of cover is as follows:

Under pavement surface	3 feet
Under sod ditches	2.5 feet
Under paved ditches	2 feet
Under other surfaces	2 feet

- d. Additional depth of cover, or less than minimum, may be required to meet existing field conditions.

G. UTILITY INSTALLATIONS ON HIGHWAY BRIDGES

1. GENERAL

- a. In many cases, attachment of utility facilities to highway bridges is a practical arrangement and will be permitted, where found to be in the public interest. However, attaching utility facilities to a highway bridge can materially affect the bridge, the safe operation of traffic,

the efficiency of maintenance and the appearance. Therefore, where feasible and reasonable to locate utility facilities elsewhere, attachment to bridge structures should be avoided.

2. CONDITIONS

- a. Where other locations for a utility facility to span an obstruction prove to be difficult or unreasonably costly, consideration shall be given for attaching the utility facility to a bridge structure under the following conditions:
 - 1.) The utility installation shall be made in a manner that will not inhibit the maintenance of the structure, or detract from the appearance of the structure.
 - 2.) None of the structural members in the proposed bridge are to be reduced in section, or the cross section of the superstructure revised to other than normal section solely for the purpose of accommodating utility lines.
 - 3.) Conduits to be installed in the sidewalk element must be at least one inch (1") above the construction joint, between the bridge slab and sidewalk, and spaced to provide at least two inches (2") clear between the outside of the conduits.
 - 4.) Utility attachments to the outside of a bridge structure shall not be permitted except where reasonable alternatives do not exist.
 - 5.) Gas mains may be supported by bridges provided the internal pressure does not cause stress in the pipe to exceed 30% SMYS (specified minimum yield strength) of pipe, and cut off valves are provided at readily accessible locations within reasonable distance from each end of the bridge.
 - 6.) Water mains may be supported by bridges if cut off valves are provided at readily accessible locations within reasonable distance from each end of the bridge, and insulating wrap is provided, as required, to prevent sweating or freezing.
 - 7.) The design of pipeline installations on bridge structures shall provide for a pipeline supports that will prevent vibration in the pipeline when traffic crosses the bridge.
 - 8.) Power and communication conduits installed on bridges shall be equipped with access points at readily accessible locations within reasonable distance from each end of the bridge.

H. PERMITS

1. GENERAL

- a. Utilities shall obtain permits for the use or occupancy of all highway rights-of-way under jurisdiction of the County

2. RESPONSIBILITY FOR PERMITS

- a. The Ashtabula County Engineer shall be responsible for receiving applications for permits; reviewing the application and plan to insure conformity to applicable Local, State and Federal regulations; issuing of permits; inspecting construction to insure conformity to the permit; and maintaining records of all applications and permits.

3. GENERAL PROVISIONS APPLICABLE TO ALL PERMITS

- a. During the progress of the work all traffic control devices shall be installed and maintained as required for the protection of the traveling public in accordance with the "Ohio Manual of Uniform Traffic Control Devices." Traffic control devices shall be properly lighted at night, when required. The party or parties to whom the permit is issued shall be responsible for all damages to persons or property due to or resulting from any work done under this permit.
- b. Except as authorized under the permit, no excavation shall be made or obstacles placed within the limits of the highway.
- c. If any grading or other work done under the permit interferes with the drainage of the highway in any way, such catch basins and outlets shall be constructed as necessary, in the opinion of the County Engineer, to take proper care of said drainage.
- d. If the party or parties to whom a permit is issued does anything on contrary to the terms of the permit, and after written notice, fails to correct such work or to remove such structure or materials as ordered by the Board of County Commissioners, the County may correct such work or remove such structure or material, and the party or parties to whom the permit is issued shall reimburse the County for any expense incurred in correcting the work or removing the structure or materials.
- e. All the work contemplated under the permit shall be done under supervision and to the satisfaction of the County Engineer, and the entire expense thereof shall be borne by the party or parties to whom the permit is issued.
- f. On completion of the work under the permit, the highway shall be left clean of all rubbish, excess materials, temporary structures and equipment. All parts of the highway shall be left in an acceptable condition.
- g. The granting of a permit does not in any way abridge the right of the County in its jurisdiction over highways. If, in the process of any future work for the benefit of the traveling public, it becomes necessary, in the opinion of the Board of County Commissioners, to order the removal, reconstruction, relocation or repair of any of the fixtures, or work performed under the permit, said removal, reconstruction, relocation or repair shall be wholly at the expense of the owners thereof, and be directed by the Board of County Commissioners.
- h. During the time any work is being performed, an inspector shall represent the interests of the County, and the permit holder therefore shall pay all expenses wholly. The inspector shall determine from the nature and complexity of the job whether his continual presence is needed.

- i. The County may require a performance guarantee, a Hold Harmless Statement and proof of Liability Insurance as a prerequisite to the issuance of a permit.
- j. All of the above conditions shall be applicable to the work authorized under the permit, unless the same are inconsistent with conditions entered on the face of the permit, in which case the conditions written on the face of the permit shall apply.
- k. The acceptance of a permit or the execution of any work there under shall constitute an agreement between the County and the party or parties to whom the permit is granted to comply with all the conditions and restrictions printed or written upon said permit.
- l. A permit may, at any time, be revoked and annulled by the County for noncompliance with any of the conditions, restrictions and regulations thereof.
- m. When highway improvement contracts are awarded by the Board of County Commissioners at or near the area covered by the permit, the party or parties to whom the permit is issued shall cooperate with the highway contractors and each arrange his work so as to not interfere with the operations of others. The permit holder shall schedule his work in an acceptable manner and shall perform it in proper sequence to that of the others so that the services of the parties will not be unnecessarily interrupted

4. WHEN PERMITS ARE REQUIRED

- a. **Underground Installations:**
Utilities shall be required to obtain permits from the County for the installation of all pipelines, conduits or other underground structures, either temporary or permanent, crossing or occupying highway rights-of-way. Each structure must be installed in accordance with the provisions of the permit.
- b. **Overhead Installations:**
Utilities shall be required to obtain permits from the county for the placement of poles or other structures, either temporary or permanent, to occupy highway rights-of-way as follows:
 - 1.) **Highways:**
Permits shall be required for temporary guard poles or structures located within highway rights-of-way for supporting conductors or other lines over the highway during installation or removal operations, or permanent poles or structures located within highway rights-of-way for the support of conductors or other lines over the highway.
 - 2.) **Service Drops Crossing All Highways:**
Permits shall be required for service drops crossing highway rights-of-way where temporary poles or structures are to be located within highway rights-of-way for support of conductors during installation or removal operations, or permanent poles or structures are to be located within highway rights-of-way for support of conductors or other lines over the highway.

5. EXCEPTION TO NORMAL PERMIT REQUIREMENTS

- a. A permit is not required for maintenance of utility facilities. Maintenance as used in this instance does not include any upgrading of service, or work involving the disturbance of any ground. In all work performed on highway rights-of-way by, or for, the utility, the utility shall be responsible for installing and maintaining traffic control devices as required for the protection of the traveling public, in accordance with the "Ohio Manual of Uniform Traffic Control Devices."
- b. Should the proposed utility installation fail to meet the requirements as set forth in this manual, or should the Ashtabula County Engineer feel that a permit should be issued because the installation would jeopardize the integrity of the roadway of highway structure or endanger the traveling public, then the applicant may request granting of special permission from the Ashtabula County Commissioners by a separate resolution.

I. PERMIT PROCEDURES

1. GENERAL

- a. The procedures set forth herein shall serve as a guide in establishing a uniform method for the application of regulations governing the issuance of permits for use or occupancy of all highway rights-of-way under the jurisdiction of the Ashtabula County Commissioners.
- b. These procedures do not cover permits for the movement of overweight and/or oversize vehicles and loads on county or township highways. Refer to Section 2 of the "Ashtabula County Commissioners Highway Use Manual."
- c. Issuance of permits in accordance with this section shall apply only to county highways outside municipal corporations unless the County has, by agreement, assumed full maintenance of a section of highway that lies wholly or in part within a municipal corporation.
- d. Requests to locate utility facilities on county and township highways must be made in accordance with the policies and procedures set forth in this section. Applicants are advised that townships within the County may have permit requirements for township-maintained roads in addition to those set forth herein. The Ashtabula County Commissioners assume no responsibility for the failure of the applicant to secure such applicable township permits.

2. APPLICATION FOR PERMIT

- a. Application for permit forms and instructions are available at the Ashtabula County Engineer's office; 186 East Satin Street; Jefferson, Ohio 44047
- b. Completed applications containing all required information as outlined on the application form shall be returned to the Ashtabula County Engineer's office for processing.
- c. Applications shall bear the signature of the property owner, lessee, company or corporate official responsible for construction and maintenance of the installation placed on highway

rights-of-way. The applicant's contractor may file the application form for the applicant. However, the signature of the contractor on the application form is not an acceptable signature.

- d. At least one copy of a detailed plan shall accompany each application that is submitted. If the plan contains more than two pages or any page of the plan exceeds 11"x17" then three copies will be required. The plan shall show the proposed location of the installation with reference to the pavement, right-of-way line and the owner's property lines. If the installation crosses the highway, show a cross section of the present roadway and proposed installation. In addition, the following information shall be shown on the plan:

The Township in which the installation is to be made

The County Highway name, and number

The distance from some geographical point (i.e. intersecting highway, city or village limit, state line, county line, or at minimum a house number)

3. ADDITIONAL REQUIREMENTS – COMPANIES ORGANIZED FOR PURPOSES DESCRIBED IN CHAPTER 1723 OF THE OHIO REVISED CODE

- a. Pursuant to Section 1723.02 of the Ohio Revised Code, so far as the rights of the public therein are concerned, the Board of County Commissioners may grant, to such companies as described in Section 1723.01, the right to lay tubing, pipes, conduits, poles and wires within the rights-of-way of county roads. Included are those companies organized to store or transport natural gas or petroleum. The provision does not include the erection of any tank, station, reservoir, or building, nor more than one continuous pipe, conduit, or tubing.

- b. The following are additional items required from such companies. These items must be presented at the time the permit application is presented to the Ashtabula County Engineer for processing.

- 1.) The property owners over whose land the proposed line will run (if the road right-of-way is an easement for highway purposes) shall be advised and notified of the location and the time of the proposed installation. Such notifications should be delivered by any means that is reasonably available. A Company form with the information and of the property owners giving consent is desirable. (Rev.3/09)
- 2.) The Company agrees that it will maintain the pipes, tubing, conduit or wires installed, and will reimburse the County or Township for any cost of repair necessitated by the existence of said pipes, tubing, conduit, or wires in the right-of-way, until such time as they may be removed. A signed agreement may be executed. (Rev. (3/09)
- 3.) The Company shall furnish the Ashtabula County Engineer with their current business address and phone numbers of persons to be contacted in case of emergency. The Company shall also advise the Ashtabula County Engineer of any change of address or phone number.

- 4.) The company shall advise the Ashtabula County Engineer of any mergers, dissolution, or sale of the Company, which would affect the County's security for the installation allowed.

4. ADDITIONAL REQUIREMENTS – GEOPHYSICAL EXPLORATION

- a. A board of county commissioners may grant a license or permit to use the county's easement for road purposes to a private firm for geophysical exploration only if such exploration is incidental to road purposes and is for a public purpose, or if such a firm has, by lease or otherwise, the consent of the abutting land-owners and such use will not interfere with the county's road easement pursuant to ORC 5547.05. OAG 80-039
- b. It is understood that surveys of this nature occupy county rights-of-way for limited durations of two (2) days or less. Wires, cables and junction boxes may be temporarily placed along the rights-of-way. They shall be placed in such a manner that will not interfere with the county's road easement as stated in the preceding paragraph.
- c. The following are additional items required from a private firm for geophysical exploration. These items must be presented at the time the permit application is presented to the Ashtabula County Engineer for processing.
 - 1.) A copy of a letter which was delivered to the township trustees of townships where geophysical exploration is to be conducted, stating the location and dates that the exploration activities are to take place, and a description of the method of exploration. (i.e. two- or three-dimensional seismic survey, vibroseis survey, etc.)
 - 2.) Copies of any permits required by the township in which the exploration is taking place in accordance with ORC 5571.02 and 5571.16.
 - 3.) An individually signed document from the property owners for each parcel affected by the survey. The form shall also contain the owner's name, address and the permanent parcel numbers of the property. The form indicates the owners are giving consent for the survey to take place on the county's easement for road purposes that occupies their property.
 - 4.) The Company shall furnish the Ashtabula County Engineer with their current business address and phone numbers of persons to be contacted in case of emergency. The Company shall also advise the Ashtabula County Engineer of any change of address or phone number.
 - 5.) The company shall advise the Ashtabula County Engineer of any mergers, dissolution, or sale of the Company, which would affect the County's security for the survey activities.

5. APPLICATION REVIEW AND SITE INSPECTION

- a. After receiving the completed application, the County Engineer will review the permit application and any other information related to the possible installation. Once an office

check and review has been completed, the County Engineer will inspect (if necessary) the site of the proposed installation.

- b. Review time will be dependent on the complexity of the proposed installation. The County Engineer will make every effort to process applications expeditiously.
- c. If, after review, the County Engineer determines the proposed location or type of construction of the utility will affect the appearance, operation or maintenance of the highway, a conference will be scheduled with the utility to discuss possible revisions to the location or type of construction.

6. PERFORMANCE GUARANTEE AND INSURANCE

- a. Prior to the issuance of a permit, the utility will be required to furnish the following:
 - 1.) Performance Guarantee:
A performance bond, certified check or approved escrow account in the amount of, \$1,000.00 for each road crossing (bore) and/or \$10,000.00 per mile for parallel use of the right of way, to cover the cost of all possible damages and maintenance of the disturbed area sustained by the County due to the failure of the utility to perform all or part of the work as specified in the permit. Said bond, certified check or approved escrow account shall remain in force for a period not to exceed ninety (90) days following the completion of the restoration of the highway right-of-way.
 - 2.) Liability Insurance:
Upon request, the applicant shall provide evidence of liability insurance with minimum limits of \$1,000,000 per occurrence. The insurance provided shall be of a comprehensive nature, covering any and all damages, which may arise during the installation of the project, including underground property damage.
 - 3.) Hold Harmless Statement:
Each application will bear a hold harmless statement substantially in the following form:

_____, as consideration for the authorization from the County of Ashtabula to occupy highway rights-of-way for the installation, construction, maintenance, operation, repair or removal of their property and appurtenant structures, hereby agree to hold harmless the County of Ashtabula and all of its representatives from all suits, actions, or claims of any character, brought on account of any injuries or damages sustained by any person or property in consequence of any neglect or on account of any act or omission as a result of the issuance of this permit.

7. ISSUANCE OF PERMITS

- a. After both the utility and the County Engineer have agreed on the location and schedule of construction, the Ashtabula County Engineer, acting as the representative of the Ashtabula County Commissioners, will issue a permit.

- b. The Ashtabula County Engineer, acting under the authority of the Ashtabula County Commissioners, may issue a permit, reject the application or request a revised application be submitted.
- c. Issued permits will be on the form approved by the Ashtabula County Commissioners and signed by the Ashtabula County Engineer.
- d. Issued permits must be in the possession of the employees in charge of the work at all times and must be shown upon request to any employee of the Ashtabula County Engineer, the Ashtabula County Commissioners or the Ashtabula County Sheriff.
- e. Permits will become void if work has not been commenced within thirty (30) days of issuance, unless conditions warrant an approval of an extension of time.

J. FEES

1. GENERAL

- a. It is not the intent of the Ashtabula County Commissioners or the Ashtabula County Engineer to collect fees for issuing permits or inspecting work for which permits are issued according to this manual. However, where proposed utility installations are of such magnitude that a detailed plan review is required for the approval of a permit application, or the installation requires the continual presence of an inspector, the Ashtabula County Engineer may assess charges as follows for time in excess of four (4) hours:
 - 1.) Plan Review
 - 1) Employee's actual rate per hour
 - 2) Employee's benefits actual cost per hour
 - 2.) Inspection
 - 1) Inspector's actual rate per hour
 - 2) Inspector's benefits actual cost per hour
 - 3) 15% overhead

K. INSPECTION

1. GENERAL

- a. Prior to any excavation for a utility, or any construction, installation, adjustment or relocation of a utility, as defined, on or across rights-of-way under the jurisdiction of the Ashtabula County Commissioners, the Ashtabula County Engineer's office shall be notified. The utility owner will be required to advise the Ashtabula County Engineer's office at least one (1) full working day in advance of any proposed activity. An inspector will determine form the nature and complexity of the job whether his continual presence is needed.

L. SITE RESTORATION

1. GENERAL

- a. In all cases where a permit is granted for the excavating of placing obstacles within the limits of a county or township highway, it shall be the responsibility of the permit holder to restore the disturbed area to a condition equal or better than it was originally.
- b. All mailboxes, signs, yards, driveways, roads, drainage structures, fences, ditches and sidewalks damaged or removed during construction will be replaced or repaired, by the permit holder, equal to or better than existed prior to the construction, as soon as possible.
- c. After any pipes, conduits, drains, or other underground structures are laid or any excavation is made within the limits of the highway, the trenches or opening shall be properly backfilled with suitable material as directed by the County Engineer.

2. OPEN CUT

- a. Open cutting of highways and pavements is generally not acceptable. If, however open cutting cannot be avoided the excavation must be approved by the County Engineer. Approved excavations made within the traveled portion of the highway, in the berm or shoulder area within four feet (4') of the pavement edge, in street intersections or driveways shall be backfilled with granular materials as directed by the County Engineer.
- b. Where work performed requires removal of pavement, the surface shall be cut with a masonry saw to a depth of three inches (3") or as required to provide a clean break. The width of pavement removal shall be 4 feet (4') wider than the trench and not less than six (6") deep. The width of the trench shall be a minimum of twelve inches (12"), or one pipe diameter plus nine inches (9"), which ever is greater.
- c. The contractor shall maintain one-way traffic during times of construction by using steel plates to cover the trench.

3. BACKFILL MATERIAL

- a. Trench excavations cut through pavement shall be back filled with "Low Strength Mortar Backfill as per ODOT Item 613. The mix shall be free flowing and be placed in trench around and over conduit. The material shall be brought up to no closer than six inches (6") of the finished grade.

4. PAVEMENT

- a. Pavement shall be replaced at a depth of not less than six inches (6") in two lifts. The first lift shall be a minimum of 4.5" of ODOT Item 302 Bituminous Aggregate Base Course, PG 64-22. The second lift shall be 1.5" of ODOT Item 448 Asphalt Concrete Surface Course, Type 1, PG 64-22. Each layer shall be properly compacted as per specification. As an alternate, pavement replacement may be a minimum 6" of ODOT Item 451 Reinforced Portland Cement Concrete pavement. Any exceptions or alternatives to these methods shall be approved by the County Engineer.

ASHTABULA COUNTY, OHIO
HIGHWAY USE PERMIT / APPLICATION

TO: Board of Ashtabula County Commissioners
c/o Ashtabula County Engineer
186 East Satin Street
Jefferson, Ohio 44047

Date: _____

Application is hereby made by: _____
(Owner of proposed installation (application by contractor not acceptable))

Address: _____

Name of Contact Person: _____ Title: _____

Phone Number of Contact Person: (____) _____ - _____ Fax: (____) _____ - _____

Work will be performed by: Owner/Applicant Sub-Contractor

Describe work in detail, attach plan or drawings showing exact location, dimensions, type of installations and details. _____

At the following described location: Located in the Township of _____ Across and/or Along

Road Number: _____ Name of Road: _____ and being

_____ Miles _____ Ft. E W N S of _____

(Give Township, County Route and distance from some geographical point, such as intersecting highways, city or village limits, county or township highways. At a minimum provide a house number.)

Yes No – Road Bore? Yes No – Pole Installation? Yes No – Aerial? Yes No – Utility Line?

Work shall commence on or about ____/____/____ and shall be completed on or about ____/____/____

Open cut of pavements shall not be permitted unless no reasonable alternate method is available. If the proposed installation requires the open cutting of the pavement give the following information: Conditions necessitating opening of pavement _____. The opening to be made in the pavement will be: _____ feet long by _____ feet wide and _____ feet deep. Pavement to be replaced by Ashtabula County Engineer specifications. We hereby agree to backfill the trench of said opening in compliance with the standards of the Ashtabula County Engineers as set forth herein using construction methods, materials, and workmanship so prescribed by the Ashtabula County Commissioner's Highway Use Manual. (Section 1, Part L)

A performance guarantee in the form of a bond, certified check or approved escrow account shall be required for all permits granted. The bond, certified check, or approved escrow account shall be posted prior to the issuance of the permit and shall remain in force for the period of ninety (90) days following completion of the restoration of Highway property. The bond shall be for the amount established by resolution of the Ashtabula County Commissioners to insure the complete restoration of any pavement, drainage, shoulder, sod or other items disturbed by the permittee.

All work requiring men or vehicles on the pavement or shoulders shall comply with all the requirements of the Ohio Manual of Uniform Traffic Control Devices. Failure to comply with this requirement will be cause for immediate suspension of the permit until the proper traffic controls have been provided.

We agree to comply with all the conditions, restrictions and regulations of the Ashtabula County Commissioner's Highway use manual.

The undersigned, on behalf of the owner of the installation, as consideration for the authorization from the County of Ashtabula to occupy highway rights-of-way for the installation, construction, maintenance, operation, repair or removal of owner's property, and appurtenant structures, hereby agree to hold harmless, the County of Ashtabula and all of its representatives from all suits, actions, or claims of any character, brought on account of any injuries or damages sustained by any person or property in consequence of any neglect or on account of any act or omission as a result of the issuance of this permit.



1-800-382-2764
www.cups.org

APPLICANT: _____ DATE: _____

By: _____ (signed)

PRINTED NAME: _____ Title: _____

(PAGE 2 of Application) TO BE FILLED OUT BY THE ASHTABULA COUNTY ENGINEER:

C.H. _____ ROAD NAME _____ TOWNSHIP _____

WIDTH OF R/W _____ (FEET) WIDTH OF PAVEMENT _____ (FEET) TYPE OF SURFACE _____

DITCH DEPTH _____ RAISED CURB _____ BERM WIDTH _____

POSSIBLE FUTURE EXPANSION _____

WHAT IF ANY ADDITIONAL REQUIREMENTS ARE TO BE IMPOSED _____

Performance Bond with _____

Effective Date _____ Expiration Date _____

Amount \$ _____

Certified Check

Amount \$ _____

Approved Escrow Account with _____

Amount \$ _____

This application is hereby approved by the Ashtabula County Engineer under the authority of Resolution No. 2006-59 adopted by the Board of Commissioners of Ashtabula County, Ohio. Permission is granted to do the work described herewith in accordance with this application including any amendments thereto required by the Ashtabula County Engineer and in accordance with the requirements of the "Ashtabula County Commissioners Highway Use Manual" dated January 12, 2006.

APPROVED: _____ DATE: _____

ASHTABULA COUNTY ENGINEER

Engineer's Office Use Only:

Final Inspection by: _____

Comments: _____

Recommended Release Date: _____

ASHTABULA COUNTY COMMISSIONERS HIGHWAY USE MANUAL

SECTION 2
POLICIES AND PROCEDURES FOR THE ISSUANCE OF SPECIAL HAULING PERMITS
ON COUNTY MAINTAINED HIGHWAYS

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SECTION 2

POLICIES AND PROCEDURES FOR THE ISSUANCE OF SPECIAL HAULING PERMITS ON COUNTY MAINTAINED HIGHWAYS

A. INTRODUCTION

Section 4513.34 of the Ohio Revised Code, in part, grants permission to local authorities with respect to highways under their jurisdiction, to issue permits for the operation or movement of vehicles or combinations of vehicles of a size or weight of vehicle or load exceeding the maximum specified in Sections 5577.01 to 5577.09 of the Ohio Revised Code.

The Ashtabula County Board of Commissioners, in their effort to effectively control the use of County maintained highways, have set forth the following conditions whereby permission may be granted to operate such oversize or overweight vehicles or move such oversize or overweight loads in a manner that will not materially affect the appearance, safe operation or maintenance of the highway.

B. SCOPE AND APPLICATION

This policy applies to the movement on or across any and all Ashtabula County maintained highways of all vehicles and loads that exceed the maximum allowable weight, width, height, and/or length as described in Section 5577.04 and 5577.05 of the Ohio Revised Code.

C. PERMITS

1. GENERAL

- a. All persons, partnerships, companies, or corporations wishing to operate or move a vehicle or combination of vehicles of size or weight of vehicle or load exceeding the maximum specified in sections 5577.01 to 5577.09 of the Ohio Revised Code on any or all Ashtabula County maintained highways must obtain a SPECIAL HAULING PERMIT from the Ashtabula County Commissioners.

2. RESPONSIBILITY FOR PERMITS

- a. The Ashtabula County Engineer shall be responsible for receiving applications for SPECIAL HAULING PERMITS; reviewing application for completion; inspecting proposed routes; issuing permits, and maintaining records of all applications and permits.

3. GENERAL LIMITATIONS FOR THE USE OF A SPECIAL HAULING PERMIT

- a. The granting of a permit does not guarantee that the load described can be moved without damage to the pavement or structures; although the permit is granted on the assumption that the load can be moved without damage based on the best information available.

- b. The permittee will be held liable for any damage caused by the movement. The County assumes no responsibility for damage to the permittee's equipment or load being moved due to any such failure. The permittee agrees to compensate the County of Ashtabula for any damage to a roadway or road structure and also to hold the County of Ashtabula and the Ashtabula County Engineer harmless from all claims, damages or proceedings of any kind and from all responsibility for personal injury or property damages (public or private) caused directly or indirectly as a result of the transportation of said vehicle(s) or load(s).
- c. The original copy of the Special Hauling Permit shall be in the possession of the driver at all times during the progress of the transportation and will be shown on demand to any police officer, Ashtabula County Sheriff's Deputy, Ohio State Highway Patrol, or employee of the county or State Highway Department.
- d. The permission granted restricts the movement of the vehicle(s) or load(s) to the highways specified, between points designated, and within the time allotted. Permittee is responsible to check the route for abnormal, changed, or unknown/unusual conditions which may exist during any move.
- e. Notification of the exact time of the movement must be made to the Ashtabula County Engineer's office during normal working hours. A minimum of one hour is required between the time of notification and the start of the move.
- f. Permission to travel state highways must be obtained from the Ohio Department of Transportation. Permission to travel township highways must be obtained from the individual Boards of Township Trustees. Permission to travel municipal streets must be obtained from the individual municipalities. The Ashtabula County Commissioners assume no responsibility for the failure of the applicant to secure such applicable state, township or municipal permits.
- g. No vehicle(s) or load(s) being transported under a special hauling permit shall be left parked on the roadway either day or night except in case of an emergency, in which case adequate protection shall be provided for the traveling public. The vehicle(s) shall not be loaded or unloaded within the limits of the highway.
- h. If the vehicle is to cross a highway ditch and if a driveway culvert does not already exist then a driveway culvert must be provided by the permittee. The length of the driveway pipe shall be at least 75% of the longest vehicle that will use the driveway and not less than 30 feet. The driveway construction and material shall meet the standards of the County Engineer.
- i. The operator(s) of the vehicle(s) must comply with all laws, rules, regulations or credentials covering the movement of traffic over highways and streets and commercial motor vehicle operations (i.e.; CDL, PUCO, IRP, FUT, SSRS, IFTA, Load Securement)
- j. Special Hauling Permits will not generally be granted for a built-up load that is divisible into a legal load, or load that has not been loaded to the least over dimension or the least overweight. Miscellaneous items may, however, be transported on the same vehicle with an over dimensional piece or pieces so long as the miscellaneous items do not add to the over

dimension. It is not necessary to identify these miscellaneous items. If in the event of an extenuating circumstance, a Special Hauling Permit is issued for a divisible load in which two or more pieces add to the over dimension or overweight, such load will be adequately described.

4. OPERATIONAL LIMITATIONS FOR THE USE OF A SPECIAL HAULING PERMIT

- a. A Special Hauling Permit is void at any time road, weather or traffic conditions make travel unsafe as determined by the State Highway Patrol or the Ashtabula County Sheriff.
- b. Any load with an overall height in excess of 14 feet 10 inches shall be required to coordinate the move with the owners of all overhead signs, signals, utilities, etc., which may obstruct safe, clear movement.
- c. Oversize or overweight loads shall be operated or moved at such speeds and in such a manner as to cause a minimum of interference with other traffic and minimum impact stresses on structures and pavements. No such movement is to exceed 40 miles per hour at any time, except upon that portion of a highway where the posted minimum speed is in excess of 40 miles per hour. The allowable maximum speed then becomes equivalent to the minimum posted speed.
- d. During periods when thawing or excessive moisture render some sections of Ashtabula County Highways structurally inadequate to carry the maximum legal traffic loads, weight reductions up to fifty percent (50%) may be imposed. Bridges that are found to be structurally deficient have reduced weight limits. Reductions in legal weight posted on roadways or bridges must be obeyed. Contact the Ashtabula County Engineer's office immediately if your route includes legal load reductions.

5. DAYS/HOURS OF OPERATION

- a. Overweight vehicles/loads that are not over dimensional, traveling under the authority of a Special Hauling Permit, will not be restricted as to travel hours or days so long as the overweight vehicle/load can move without obstructing the normal flow of traffic.
- b. With the exception of legal dimensioned overweight vehicles/loads noted in 5a. above, vehicles/loads traveling under the authority of a Special Hauling Permit shall be prohibited from movement on the following days/weekends: **New Year's day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.** Prohibitions begin at noon the day preceding and continue until one-half hour before sunrise the day following the holiday or holiday weekend, with the exception of Good Friday, when the prohibition is sunrise on Good Friday to sunrise the following Monday.
- c. With the exception of the limits noted in 5a. and 5b. above, permitted vehicles/loads may move daylight hours Monday thru Friday. Daylight hours are defined as one-half hour before sunrise until one-half hour after sunset.

6. WARNING FLAGS AND SIGNS

- a. Warning flags shall be displayed on all over dimensional vehicles and loads. Warning flags shall be 18 inches square, red or orange in color, in good repair and free of printing or other markings and shall be securely fastened by at least one corner or securely mounted on a staff.
- b. Over weight vehicles and loads shall bear two flags at the widest extremities of the vehicle or load as well as one flag at each corner of the vehicle or load. Warning flags are not required to be displayed on the tractor.
- c. Over length vehicles and loads or vehicles and loads with a rear overhang of 4 feet or greater shall display a single flag at the extreme rear if the over length or projecting part is two feet wide or less. Two flags shall be displayed if the over length or projecting part is wider than two feet and the flags should be located to indicate maximum width.
- d. Warning signs, when required, shall be in good repair, shall read "OVERSIZE LOAD" and shall be at least 7 feet long and 18 inches high. The signs' background shall be yellow with black lettering. Letters shall be at least 10 inches high with a 1.41-inch brush stroke. If series E Modified is used, the brush stroke is to be two inches. "OVERSIZE LOAD" signs shall be displayed on any vehicle or vehicle/load:
 - 1.) exceeding the maximum legal length limit as set in the Ohio Revised Code, section 5577.05,
 - 2.) exceeding the maximum legal width limit as set in the Ohio Revised Code, section 5577.05
 - 3.) exceeding the maximum legal height limit as set in the Ohio Revised Code, section 5577.05.

When required, OVERSIZE LOAD signs shall be displayed on the front and rear of the over dimensioned vehicle or vehicle/load.

7. LIGHTING

- a. All permitted vehicle's standard vehicle lighting system must be in operating order. The headlights must be on during the movement of any over dimensioned vehicle/load.

8. FLAGGERS AND ESCORT VEHICLES

- a. Loads having extremely large dimensions shall require additional protective measures when necessary for the safeguarding of other traffic. Due regard shall be taken of traffic in both directions and every possible effort shall be made to prevent traffic congestion. One or more flaggers, or an escort vehicle may be required.
- b. Escort vehicles, when required by a Special Hauling Permit shall display a warning sign, yellow with black letters, reading "OVERSIZE LOAD". The sign shall be 5 feet long by 12 inches high with 8-inch-high letters and shall be in good repair. The escort vehicle shall be equipped with a roof mounted amber flashing or rotating light(s). It is recommended that escort vehicles maintain radio communications with the operator of the permitted vehicle. The driver of the escort vehicle may act as a flagger when needed.

- c. One rear escort vehicle shall be required for the transportation of any vehicle/load with an overall length in excess of 90 feet.
- d. One lead escort vehicle shall be required for the transportation of any vehicle/load with an overall width in excess of 13 feet.

9. PENALTIES FOR VIOLATIONS

- a. Non-compliance with the general or special provisions of a Special Hauling Permit, exceeding the weights or dimensions granted, or operating on dates or upon highways other than assigned shall render the Special Hauling Permit null and void, and the operator of the vehicle will be subject to enforcement action as provided in Sections 5577.02 to 5577.05 inclusive, of the Ohio Revised Code.
- b. Moving Violations for offenses that are relevant to the safe movement of a Commercial Motor Vehicle (for example, Speed, Reckless Operation, DUI, Improper Lane Change, etc.) shall render the Special Hauling Permit null and void, and the operator subject to additional enforcement action.

D. SPECIAL HAULING PERMIT PROCEDURES

1. GENERAL

- a. The procedures set forth herein shall serve as a guide in establishing a uniform method for the application of regulations governing the issuance of permits to operate or move vehicles or combinations of vehicles of a size or weight exceeding the maximum specified in Sections 5577.01 to 5577.09 of the Ohio Revised Code on or across any and all Ashtabula County maintained highways.
- b. Issuance of Special Hauling Permits shall apply only to Ashtabula County maintained highways outside municipal corporations unless the county has, by agreement, assumed full maintenance of a section of a highway that lies wholly or in part within a municipal corporation. Permits to move over state highways must be obtained from the Director of Transportation. Permits to move over township highways must be obtained from the individual Township Board of Trustees. The Ashtabula County Commissioners assume no responsibility for the failure of the applicant to secure such applicable state or township permits.

2. APPLICATION FOR PERMIT

- a. Special Hauling Permit application forms are available at the Ashtabula County Engineer's office, 186 East Satin Street, Jefferson, Ohio 44047.
- b. Completed applications containing all required information as outlined on the application form shall be returned to the Ashtabula County Engineer's office for processing.

- c. All applications must show the exact axle spacing and weights. The form must be complete, even though not for an overweight movement. Applications shall bear the signature and title of the person (or his/her authorized representative) assuming full responsibility for the proposed move.

3. APPLICATION REVIEW AND INSPECTION

- a. After receiving the application, the Ashtabula County Engineer will review the form for completeness. The Ashtabula County Engineer or his authorized representative will inspect the proposed route, examine the roadway and structure conditions.
- b. Review time can vary due to the amount of weight and size of vehicles or loads to be moved together with the length of the proposed route and impact the move will have on the highway. Generally, processing any application will not exceed seven (7) working days.
- c. If, after reviewing the application, and inspecting the proposed route, the Ashtabula County Engineer determines that the proposed move would materially affect the appearance, operation or maintenance of the highway, a conference will be scheduled to discuss possible revisions to the proposed route and/or reductions in size and weight of the load.

4. BONDS AND INSURANCE

Prior to the issuance of a Special Hauling Permit, the applicant shall be required to furnish one of the following:

- a. A Contractual Endorsement to a Liability Insurance Policy for Vehicles Operating Under a Special Hauling Permit Issued by the County of Ashtabula, Ohio (see form at the end of this section).
- b. A Surety Bond, certified check or an approved escrow account in an amount of \$200,000 to pay for damages that may occur to all County maintained highways, bridges and culverts. All Surety Bonds must be submitted on forms available from the Ashtabula County Engineer or on forms that are essentially the same as the forms available from the Ashtabula County Engineer (see form at the end of this section).

5. ISSUANCE OF PERMITS

- a. After all necessary insurance's, bonds, certified checks or approved escrow accounts have been posted and after both the applicant and the Ashtabula County Engineer have agreed on the time of the move and the route, the Ashtabula County Engineer, acting as the representative of the Ashtabula County Commissioners, will issue the permit.
- b. The Ashtabula County Engineer, acting under the authority of the Ashtabula County Commissioners, may issue a permit, reject the application or request a revised application be submitted.
- c. Issued permits will be on the form approved by the Ashtabula County Commissioners and signed by the Ashtabula County Engineer.
- d. Single Trip Permits and Single Trip & Return Permits shall remain in effect for the period specified by the permit. The permit shall become void immediately thereafter. Annual permits shall be in effect for 365 days from the date of issuance. Seasonal permits shall be in effect for the number of months specified.

**ENDORSEMENT TO LIABILITY INSURANCE POLICY FOR VEHICLES
OPERATING WITH A SPECIAL HAULING PERMIT ISSUED BY THE
COUNTY OF ASHTABULA, OHIO**

Issued to (Insured/Applicant) _____
of (Address) _____
Insured's Telephone Number () _____ Federal Employer I.D. # or S.S. # _____
Amending Policy Number _____
Effective From (Date) _____ Until 12:01 A. M. _____
Name of Insurance Company (Insurer) _____

COUNTERSIGNED BY: _____
(Insurance Company Representative Authorized to Issue Policy Amendments)

The policy to which this endorsement is attached provides primary or excess insurance, as indicated by "X", for the limits shown:

_____ The insurance is primary and the company shall not be liable for amounts in excess of \$ _____ for each accident.

_____ The insurance is excess and the company shall not be liable for amounts in excess of \$ _____ for each accident in excess of the underlying limit of \$ _____ for each accident.

Whenever required by the County of Ashtabula (County), the insurer (company) agrees to furnish the County a duplicate of said policy and all its endorsements. The company also agrees, upon telephone request by an authorized representative of the County, to verify that the policy is in force as of a particular date. The telephone number to call is () _____.

Cancellation of this endorsement may be accomplished by the company or the insured by giving (1) 35 days' notice in writing to the other party, and (2) by providing 30 days' notice to the County (said 30 days' notice to commence from the date it is received by the Ashtabula County Engineer's office, 186 East Satin Street, Jefferson, OH 44047).

The insurance policy to which this endorsement is attached provides (automobile) liability insurance and is amended to assure compliance by the insured, within the limits stated herein, with the contractual agreement between the insured and the County of Ashtabula which results from the issuance of a Special Hauling Permit to the insured by the Ashtabula County Commissioners. This contractual agreement includes the following provision:

"Permittee will be held liable for any damage caused by the movement. The County assumes no responsibility for damage to the permittee's equipment or load being moved due to any such failure.

The permittee agrees to compensate the County of Ashtabula for any damage to a roadway or road structure and also to indemnify, save harmless and defend the County of Ashtabula and the Ashtabula County Engineer from and against all and any liabilities, losses, obligations, claims, damages, penalties, suits, actions, judgments, costs and expenses of whatsoever nature are incurred or brought against the County of Ashtabula or the Ashtabula County Engineer as the result of injury to or death of persons or damages to or loss of property caused by acts or omission to act by the Permittee, its agents, servants and employees in the performance of movements under this permit, except to the extent that the negligence of the County of Ashtabula or the Ashtabula County Engineer is proximate cause of the accident."

In consideration of the premium stated in the policy to which this endorsement is attached, the insurer (company) agrees to pay to the County of Ashtabula, within the limits of liability described herein, any final judgment recovered against the insured for all damage to the roadway or road structures occurring during a movement authorized by the issuance of a Special Hauling Permit. The insurer (company) further agrees to be bound by the indemnification agreement included in the contractual agreement between the insured (permittee) and the County of Ashtabula. It is understood and agreed that no condition, provision, stipulation or limitation contained in the policy, this endorsement, or any other endorsement thereon, or violation thereof, shall relieve the company from liability or from the payment of any final judgment, within the limits of liability herein described, irrespective of the financial condition, insolvency or bankruptcy of the insured. However, all terms, conditions and limitations in the policy to which the endorsement is attached shall remain in full force and effect as binding between the insured and the company.

It is further understood that the limits of the company's liability for the amounts prescribed in this endorsement apply separately to each movement made under a Special Hauling Permit and any payment under this endorsement as the result of any one movement shall not operate to reduce the liability of the company for the payment of final judgments resulting from liability arising out of any other movement.

The minimum level of liability insurance is two hundred thousand dollars. This minimum liability level has been established by the Ashtabula County Commissioners under Section 4513.34 of the Ohio Revised Code. It is the responsibility of the insured to obtain liability insurance in amounts equal to or exceeding these minimum amounts as evidence of financial responsibility.

File with:
Ashtabula County Engineer's office
186 East Satin Street
Jefferson, OH 44047

**REQUIRED BY LAW
OHIO REVISED CODE 4513.34**

For Information:
Telephone: (440) 576-3707
Facsimile : (440) 576-3719

COUNTY OF ASHTABULA

BOND

Bond No. _____

**Covering Any and All Permits Issued to Principal for Movements of Excess Loads
Over County Highways**

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, being

_____ of

(Insured's complete address)

Insured's telephone no. (_____) _____ and Federal Tax ID no. _____

as principal, and _____, of _____

as surety, are hereby held and firmly bound unto THE COUNTY OF ASHTABULA, OHIO, in the penal sum of TWO HUNDRED THOUSAND AND NO/100 DOLLARS (\$200,000.00), good and lawful money of the United States, for the payment of which well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns, by these presents.

WHEREAS, the above named principal has made application to County of Ashtabula, a permit to move one or more loads in excess of the legal limitation over certain county highways and may make further applications, and as a condition precedent to granting such applications, the County of Ashtabula has established the requirements of the furnishing of a penal bond in the sum of 200 Thousand Dollars by each applicant.

NOW, THEREFORE, the condition of the above obligation is such that if the above named principal shall move the loads described in any and/or all of the applications filed by the above named principal on and after the date of the execution of this obligation over the county highways, bridges and culverts of Ashtabula County in the manner prescribed in the permit therefore duly issued by the said County of Ashtabula and shall well and truly pay for all damages to said highways, bridges and culverts, which are and/or may be caused by the movement of such loads by the above named principal over or upon the highways, bridges and culverts of this county, and all other claims for damage lawfully accruing in favor of the county resulting therefrom, and any fines or penalties to which the said principal shall become liable to pay, and shall save the County of Ashtabula and the Ashtabula County Engineer harmless in and/or from any and all suits, claims for damages and/or proceedings arising out of the movement or movements of any of said excess loads over said highways, bridges and culverts, and shall observe all terms and conditions of the permit or permits or any of them issued to said principal on and after the date of this obligation, then this obligation to be void, otherwise to remain in full force and effect.

(over)

PROVIDED, HOWEVER, that the said Surety may cancel this bond at any time by giving THIRTY (30) DAYS notice in writing by Registered United States Mail, addressed to the Ashtabula County Engineer's office, 186 East Satin Street, Jefferson, Ohio 44047 and that THIRTY DAYS AFTER the actual receipt by the County of Ashtabula of such written notice, there shall be no further liability to the Surety for defaults hereunder, provided, however, that the service of such written notice shall not be construed to waive, release or forego any obligation which may have arisen prior to the effective date of such written notice.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this _____ day of _____, A.D. _____

Signed _____
(Principal)

By _____
(Name) (Title)

(For Use Where Principal Is A Corporation)

CERTIFICATE - This is to certify that the Board of Directors of _____ by resolution duly adopted on _____ day of _____, A.D. _____ did authorize _____ being _____ of said corporation to sign the name of said corporation to a surety bond in the sum of \$200,000.00 payable to the County of Ashtabula for Damage resulting from the movement of excess loads over the highway, bridges and culverts of said county.

(Corporation Name)

By _____
(Secretary)

Signed _____
(Surety)

By _____
(Name) (Title)

APPLICATION FOR SPECIAL HAULING PERMIT
FOR COUNTY AND TOWNSHIP HIGHWAYS
(In accordance with section 5571.01 to 5577.99 incl.)

TYPE PERMIT REQUESTED: Single Trip Single Trip & Return Annual Seasonal _____ months

Permission is hereby requested by: _____ Date: _____

(address): _____ transport the following equipment and load:

MAKE AND MODEL	LICENCE NUMBER	STATE	WEIGHT (Empty)
Tractor			lbs.
Semi-trailer			lbs.
Other trailer			lbs.
Description of load			lbs.
Give make and model number of excavator, dozer, crane or other equipment			Net Load
Maximum total gross weight of equipment and load to be transported			= _____ lbs.

Number of Axles

A B C D E F G

Number the axles as they apply to the hauling equipment

AXLE SPACING		MAXIMUM AXLE LOADS			TIRE SIZES		DIMENSIONS
Space	Distance Between Axles	Axle No.	Actual Axle Load	Gross Axle Load	Tires on Axle No.	Size	Vehicle and Load Overall
A		1	lbs.	lbs.			Length
B		2	lbs.	lbs.			Height
C		3	lbs.	lbs.			Width
D		4	lbs.	lbs.			Load Only
E		5	lbs.	lbs.			Length
F		6	lbs.	lbs.			Height
G		7	lbs.	lbs.			Width
		8	lbs.	lbs.			
TOTAL			lbs.	lbs.			

FROM: _____ TO: _____
LOCAL POINTS AT WHICH HAUL BEGINS AND ENDS ON STATE HIGHWAYS BY DISTANCES OVER THE FOLLOING ROUTES:

If haul or move is to be made over village or city streets or any part of the state highway system, permission must be obtained from the proper authorities.

MOVEMENT TO BE STARTED: _____ AND WILL BE COMPLETED: _____
DATE DATE

THIS FORM MUST BE SIGNED AND NOTORIZED ON PAGE 2 IN THE SPACE PROVIDED.
NO MOVEMENT SHALL BE MADE ON HOLIDAYS, SUNDAYS, OR AFTER NOON ON SATURDAYS.
MOVEMENT SHALL BE MADE DURING DAYLIGHT HOURS.

LIMITATIONS ON THE USE OF A SPECIAL HAULING PERMIT

1. The operator of any vehicle that exceeds the posted maximum highway legal load, or if none is posted, then the maximum State legal load limit must apply for a special hauling permit from the Ashtabula County Commissioners
2. Any vehicle that exceeds the maximum height, width or length established by the State must apply for a special hauling permit from the Ashtabula County Commissioners.
3. The granting of a permit does not guarantee that the legal load described can be moved without damage to the pavement or structures; although, the permit is granted on the assumption that the load can be moved without damage based on the best information available. The permittee will be held liable for any damage caused by the movement. The County assumes no responsibility for damages to the permittee's equipment or load being moved due to any such failure. The permittee agrees to compensate the County of Ashtabula for any damage to a roadway or road structure and also to hold the County of Ashtabula and the Ashtabula County Engineer harmless from all claims, damages or proceedings of any kind; and from all responsibility for personal injury or property damages (public or private) caused directly or indirectly as a result of the transportation of said vehicle(s) or load(s).
4. The permit shall be in the possession of the driver of vehicle at all times during the progress of transportation and will be shown on demand to any Police Officer, Sheriff, State Highway Patrol or employee of the County or State Highway Department.
5. The permission granted restricts the movement of the vehicle(s) or load(s) to the highways specified between the points designated and within the time allotted.
6. Driveways: If the vehicle is to cross a highway ditch and if a driveway culvert does not already exist then a driveway culvert must be provided by the permittee. The length of the driveway pipe shall be at least 75% of the longest vehicle that will use the driveway and not less than 30 feet. The driveway construction and material shall meet the standards of the County Engineer.
7. A permit will not be issued for built-up loads that are divisible into legal loads.
8. The applicant must file a surety bond, certified check, or approved escrow account in the amount of \$200,000; or An Contractual Endorsement to a Liability Insurance Policy for Vehicles Operating Under a Special Hauling Permit Issued by the County of Ashtabula, Ohio.
9. No vehicle(s) being transported under a special hauling permit shall be left parked on the roadway either day or night except in case of an emergency in which case adequate protection shall be provided for the traveling public. The vehicle(s) shall not be loaded or unloaded within the limits of the highway.
10. The operator(s) of the vehicle(s) must comply with all laws, rules, regulations or credentials covering the movement of traffic over highways and streets and commercial motor vehicle operations. (i.e.; CDL, PUCO, IRP, FUT, SSRS, IFTA, Load Securement)
11. A permit is void at any time road, weather or traffic conditions make travel unsafe as determined by the State Highway Patrol of the Ashtabula County Sheriff.
12. Oversize or overweight loads shall be operated or moved at such speeds and in such a manner as to cause a minimum of interference with other traffic and minimum impact stresses on structures and pavements. No such movement is to exceed 40 miles per hour at any time, except upon that portion of a highway where the posted speed is in excess of 40 miles per hour. The allowable maximum speed then becomes equivalent to the minimum posted speed.
13. Loads having extremely large dimensions shall require additional protective measures when necessary for the safeguarding of other traffic. Due regard shall be taken of traffic in both directions and every possible effort shall be made to prevent traffic congestion. One or more flaggers, or pilot car may be required. (See Ashtabula County Highway Use Manual Section 2)
14. Non-compliance with the general or special provisions of a permit exceeding the weights or dimensions granted, or operating on dates or upon highways other than assigned shall render the permit null and void and the operator of the vehicle subject to arrest as provided in sections 5577.02 to 5577.05 inclusive of the Revised Code of Ohio

STATE OF OHIO

COUNTY OF _____ } ss.

_____ being first duly sworn deposes and says that he is the applicant or his/their legally authorized representative and that the statements made in the foregoing application are true as of his personal knowledge and in the event that a permit is granted for the haul or move as herein described the applicant will abide by all the provisions and regulations of the permit.

Signature of Applicant or Agent Title

Sworn to and subscribed in my presence this _____ day of _____ 20__

Notary Public in and for _____ County.

Recommended subject to the following special provisions: _____

BOARD OF COMMISSIONERS ASHTABULA COUNTY OHIO

By _____
(Ashtabula County Engineer)

DATE _____

NOTE: It is not contemplated to promiscuously grant permits for the transportation of vehicles or objects exceeding the specified weights and dimensions prescribed in Section 5577.01 to 5577.99 inclusive of the Ohio Revised Code. It is clearly the intent of the law to grant such permits only in special cases where it is impractical, if not absolutely impossible, to comply with the specified limitations in the law.

ASHTABULA COUNTY COMMISSIONERS HIGHWAY USE MANUAL

SECTION 3
POLICIES AND PROCEDURES FOR THE INSTALLATION OF DRIVEWAY PIPES AND
FRONTAGE TILE WITHIN RIGHT-OF-WAY ON COUNTY MAINTAINED HIGHWAYS

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SECTION 3
**POLICIES AND PROCEDURES FOR THE INSTALLATION OF
DRIVEWAY PIPES AND FRONTAGE TILE WITHIN THE RIGHT
OF WAY ON COUNTY MAINTAINED HIGHWAYS**

A. INTRODUCTION

It is the responsibility of the landowner to construct or repair entrances to property adjacent to public right of way. The County Engineer shall direct this construction or repair with a permit issued by the County Engineer or his designee on forms prescribed by the County Engineer. The determination of whether or not to issue the permit for that specific location will be based upon site distance, hydraulics, the physical properties of the proposed entrance, and other safety considerations. (ORC 5543.16)

B. SCOPE AND APPLICATION

The construction of driveways to allow access to residences of businesses, or the tiling of frontage (i.e. the closing of ditch with pipe) within Ashtabula County maintained right-of-way shall be done only with the written permission of the Ashtabula County Engineer. Permission is also required for the paving of that portion of an existing driveway that lies within the road right-of-way.

1. GENERAL

- a. For rural type highways with open ditches, a field check will be made to determine the diameter and length of pipe or drive pipe that will be required. The diameter of the pipe will be determined through the use of available hydrological data. The minimum acceptable diameter is twelve (12) inches. The length of the pipe will be determined by the combination of width of the proposed driveway and the depth of the existing ditch. The minimum length acceptable is thirty (30) feet.
- b. The Ashtabula County Engineer will perform several site inspections to determine the diameter and length of pipe, length of curb cut, if applicable, and the observation of the clear-sight distance. Drive pipes will be purchased and installed by the owner or developer after the County Engineer's office advises of the pipe size required. In cases where curb must be removed, the County will mark where the curb and pavement must be cut.
- c. In all cases, whether the highway is of rural type with open ditches or of the urban type with curbs and gutter, a field check will be made to observe the existing conditions at the proposed drive location. Because the geometrics of many of the roads in Ashtabula County cause the sight distance to be very limited, special attention should be given to clear-sight distance for approaching traffic. A driveway located with less than 500 feet of clear-sight distance is potentially hazardous. All attempts should be made by the owner or developer to establish the driveway in a location that affords the greatest amount of visibility for the safety of the user of the driveway and also the approaching traffic. Reliance on a warning sign does not relieve the driver entering the roadway from yielding to approaching traffic.

The erection of such warning signs will be authorized only if, in the opinion of the County Engineer's office, all means to establish a safer driveway location have been exhausted.

- d. If the driveway is to be constructed on a rural type highway with open ditches, or the ditch is to be closed in by tile or pipe, the profile of the slope from the edge of pavement toward the drive or ditch line must slope away from the existing pavement in accordance with the minimum standards shown on the Ashtabula County "Driveway Culvert Standard" or "Frontage Tile Standard" detail drawings
- e. Driveway aprons (that portion of the driveway between the edge of the pavement and the road right-of-way on rural type highways may be constructed of asphalt, concrete, limestone or gravel. Paved aprons must extend to the edge of the existing pavement but may not protrude above it. No curbs or headwalls that could create hazards or hamper maintenance operations, such as snow plowing, shall be constructed in the shoulder area. Driveway aprons on urban type highways shall only be constructed of either asphalt or concrete.
- f. The property owner is required to maintain the driveway approach as originally ordered constructed. Existing drive pipes that have deteriorated or have been damaged causing blockage to the flow of water in the roadside ditch will be required to be repaired or replaced. When the County Engineer determines that repair or replacement of an existing drive pipe is necessary, written notification will be given to the property owner. The owner will be given thirty (30) days from receipt of notification to complete the work required. Failure of the owner to repair or replace deteriorated or damaged pipes, after having been given notification, will be considered just cause for the County Engineer to remove the obstruction. It would then be the obligation of the property owner to obtain the necessary permit and re-establish the driveway approach. When deteriorated or damaged drive pipes present a danger, directly or indirectly, to the traveling public, then immediate repair or replacement will be required.
- g. When conditions warrant the installation of unusually large structures, the owner or developer will be required to make the installation using a set of plans approved by the County Engineer.
- h. It is expected that any permit obtained will be exercised and work will be completed in a reasonable amount of time. The time limit for a permit will be one (1) year from date of issuance. At the discretion of the County Engineer, a permit may be extended. If the work is not finished by the time the permit expires, the permit will become void and the owner or developer will be required to apply for a new permit.

C. PERMITS

1. APPLICATION FOR PERMITS

- a. Applications for permits are available at the office of the Ashtabula County Engineer, 186 East Satin Street, Jefferson, Ohio 44047. The application form must be filled out in its entirety and presented to the Engineer's office for review. The owner or developer will be required to set two (2) stakes to show the edges of the proposed drive. In the event that the approach to an existing driveway is to be paved, a sufficient amount of stakes to outline the

area to be paved will be required. The stakes will need to be in position before the application can be processed.

2. GENERAL PROVISIONS OF PERMITS

In requesting a permit for driveway installation or the tiling of frontage, the owner developer agrees, if the permit is granted, to comply with these rules and regulations and the general provisions as stated on the back of the permit. Those provisions are as follows:

- a. The granting of this permit does not in any way abridge the right of the Board of County Commissioners of Ashtabula County, Ohio in their jurisdiction over the county highways. If, in the process of any future work or for the benefit of the traveling public, it becomes necessary, in the opinion of the County of Ashtabula to order the removal, reconstruction, relocation, or repair of any of the fixtures, or work performed under this permit, said removal, reconstruction, relocation, or repair shall be wholly at the expense of the owners thereof, and be made as directed by the Ashtabula County Engineer.
- b. The Ashtabula County Engineer shall act for and in behalf of the County of Ashtabula in the issuance and the carrying out of the provisions of all permits.
- c. The Ashtabula County Engineer shall have full authority to insure that the provisions of this permit are fully complied with; and retains the right to reject any materials or workmanship in the restoration of county highway facilities. Failures on the part of the permittee to conform to the provisions of this permit will be cause for suspension, revocation or annulment of this permit, as the County of Ashtabula deems necessary.
- d. If the party or parties to whom this permit is issued does anything contrary to the orders of the Ashtabula County Engineer and after due notice, fails to correct such work or to remove such structure or material as he or they may be ordered to remove, the Ashtabula County Engineer may, with or without notice, correct such work or remove such structures or material; and the party or parties to whom this permit is issued shall reimburse the Ashtabula County Engineer for any expense incurred in correcting the work or removing the structure or materials.
- e. All the work herein contemplated shall be done under the supervision and to the satisfaction of the Ashtabula County Engineer, and the entire expense thereof, shall be borne by the party or parties to whom this permit is issued.
- f. Except as herein authorized, no excavation shall be made or obstacle placed within the limits of the highway in such manner as to interfere with the travel over the road.
- g. If any grading, sidewalk, or other work done under this permit interferes with the drainage of the highways in any way, such catch basins and outlets shall be constructed as may be necessary to take proper care of said drainage.

- h. The acceptance of this permit or the performance of any work there under shall constitute an agreement by the party or parties to whom the permit is granted to comply with all the conditions and restrictions printed or written herein.
- i. All of the above conditions shall be applicable to the work herein authorized, unless the same are inconsistent with the conditions on the face of the permit, in which case the conditions written or printed on the face of the permit shall apply.
- j. Highway property, disturbed by the permittee, shall be restored using materials, design and workmanship in conformance with the Ashtabula County Commissioner's Highway Use Manual.
- k. All work requiring men or vehicles on the pavement or shoulders shall comply with all of the requirements of the Ohio Manual of Uniform Traffic Control Devices. Failure to comply with this requirement will be cause for immediate suspension of the permit until the proper traffic controls have been provided.
- l. The permittee upon completion of the work shall leave the highway clean of all rubbish, excess materials, temporary structures, and equipment, and all parts of the highway shall be left in an acceptable condition.
- m. The permittee shall save harmless the County of Ashtabula and all its representatives from all suits, actions, or claims of any character, brought on account of any injuries or damages sustained by any person or property in consequence of any neglect or on the account of any act or omission as a result of the issuance of this permit.

INSTRUCTIONS

DRIVEWAY PERMIT PROCEDURE

The following procedure shall be followed to obtain a permit and install or replace a driveway along a roadway maintained by Ashtabula County:

1. Obtain the Driveway Permit application and Driveway Pipe Standard form:

Ashtabula County Engineer
186 East Satin St.
Jefferson, Ohio 44047
Phone: 440-576-2816
Hours: 7:30 AM – 4:00 PM
Monday – Friday

2. Complete the top portion of the application and return all copies to the County Engineer. The driveway location must be clearly defined on the application as well as physically marked for the County Engineer or his representative to locate the site.
3. The County Engineer or his representative will view the site and return the application to the owner indicating the pipe and installation requirements.
4. The owner shall notify the County upon the start of construction.
5. After the installation has been made according to the requirements as set forth, the owner must complete the permit by designating the contractor and pipe size, length, and type installed.
6. Once completed, arrangements may be made for a final inspection by the County Engineer or his representative for the permit (all copies) may be returned to the County Engineer upon which a final inspection will be made.

PAGE 1 OF 3
(FIGURE 1)

INSTRUCTIONS (CONT.)

DRIVEWAY PERMIT PROCEDURE

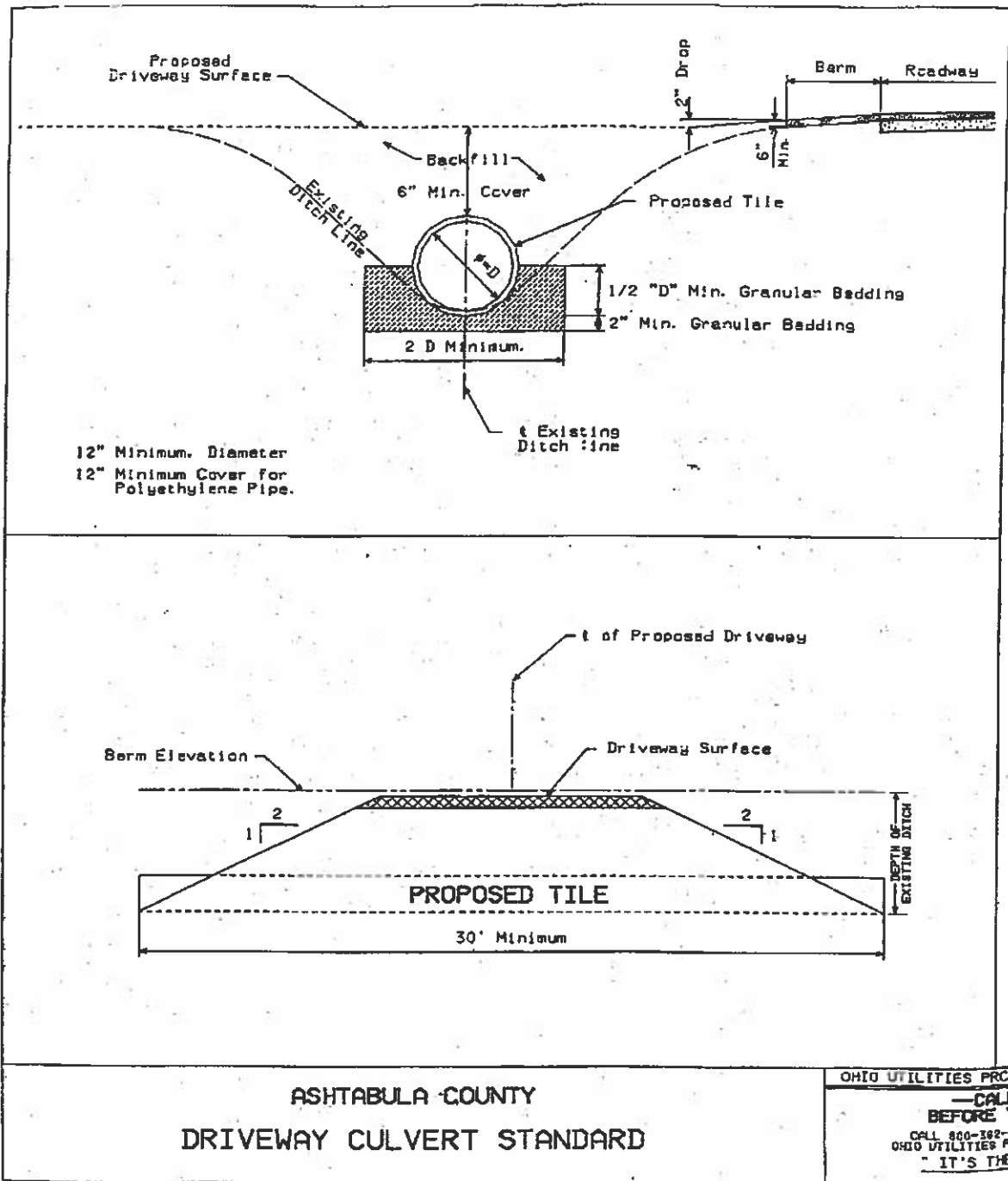
1. The pipe length shall be at least the driveway width plus 4 times the depth of the existing ditch. The minimum pipe length shall be 30 feet.
2. The depth of the existing ditch shall be defined as the vertical height as measured from the existing road berm to the bottom of the existing ditch.
3. The bedding shall be No. 8 stone, No. 6 stone, No. 411 stone, No. 304 stone, pea gravel, screened bankgravel (O.D.O.T. 410) or other material approved, by the County Engineer
4. The pipe material shall be galvanized corrugated steel (16 Ga. min.), reinforced concrete pipe, American standard steel pipe (3/8" min. wall thickness), Polyethylene double wall (smooth interior), Hancor HI-Q, ADS N-12 or equal.
5. The amount of bedding required under a pipe larger than 18" in diameter must be determined on an individual basis, depending on site characteristics and on the pipe material being used. In no case shall the bedding be less than 4" thick for a pipe larger than 18" in diameter. Polyethylene pipe shall have granular bedding to 3/4 of its diameter in addition to the 2" below the pipe.
6. Driveway pipes for commercial and industrial properties shall be 75% of the longest vehicle using the driveway.
7. It is the responsibility of the landowner to purchase and install the driveway conduit.
8. The flow line shall be established by the County Engineer or his representative.
9. The pipe diameter shall be determined by the County Engineer or his representative. The minimum pipe diameter shall be 12".
10. The pipe shall be backfilled with screened bankgravel (O.D.O.T. 410) or other material approved by the County Engineer.

NOTE: Tile for road frontage shall be installed according tiled frontage requirements.

2 of 3
(FIGURE 1)

INSTRUCTIONS (CONT.)

DRIVEWAY PERMIT PROCEDURE



3 of 3
(FIGURE 1)

INSTRUCTIONS

YARD TILE PERMIT PROCEDURE

The following procedure shall be followed to obtain a permit and install or replace a yard tile along a roadway maintained by Ashtabula County:

1. Obtain the Yard Tile Permit application and Yard Tile Standard form:

Ashtabula County Engineer
186 East Satin St.
Jefferson, Ohio 44047
Phone: 440-576-2816
Hours: 7:30 AM – 4:00 PM
Monday – Friday

2. Complete the top portion of the application and return all copies to the County Engineer. The location must be clearly defined on the application as well as physically marked for the County Engineer or his representative to locate the site.
3. The County Engineer or his representative will view the site and return the application to the owner indicating the pipe and installation requirements.
4. The owner shall notify the county upon the start of construction.
5. After the installation has been made according to the requirements as set forth, the owner must complete the permit by designating the contractor and pipe size, length, and type installed.
6. Once completed, arrangements may be made for a final inspection by the County Engineer or his representative or the permit (all copies) may be returned to the County Engineer upon which a final inspection will be made.

INSTRUCTIONS (CONT.)

YARD TILE PERMIT PROCEDURE

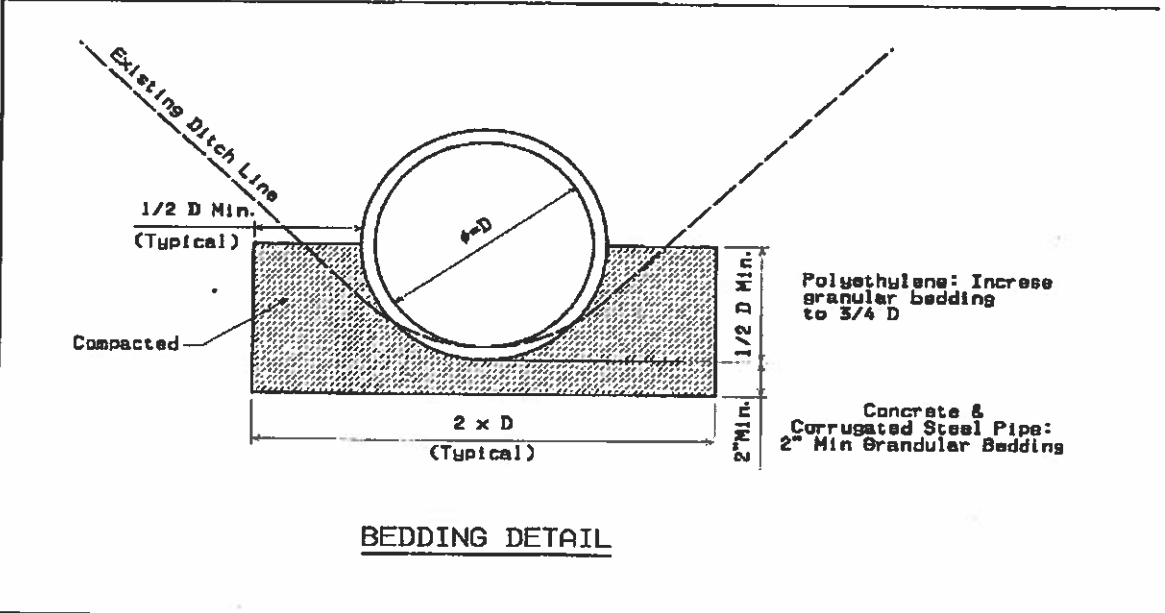
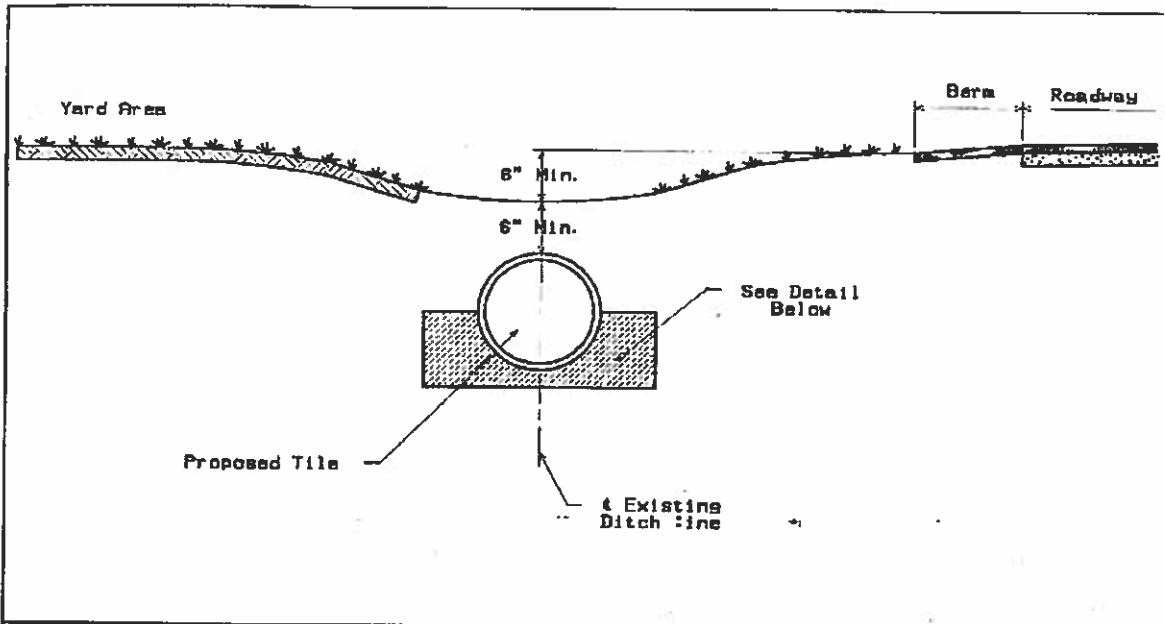
1. Granular backfill and bedding shall be No. 8 stone, No. 6 stone, No. 411 stone, No. 304 stone, pea gravel, screened bank gravel, or other material approved by the Ashtabula County Engineer.
2. A 6" swale shall be maintained at all times to prevent water from running onto the roadway surface.
3. The tile shall be galvanized corrugated steel, reinforced concrete or corrugated polyethylene pipe. The polyethylene pipe must be double wall (smooth interior), Hancor HIQ, ADS N-12 or equal. Perforated pipe is encouraged.
4. The amount of bedding required under a pipe larger than 18" in diameter must be determined on an individual basis, depending on site characteristics and the pipe material being used. In no case shall bedding be less than 4" thick for a pipe larger than 18" in diameter. Polyethylene pipe shall have compacted granular bedding to 3/4 of its diameter in addition to the bedding below the pipe.
5. The flow line shall be established by the County Engineer or his representative.
6. The pipe diameter shall be determined by the County Engineer or his representative. The minimum pipe diameter shall be 12". For crest of hill situations 6"Ø minimum tile may be used 100' each way from break in drainage.
7. Catch Basin shall be required on the upstream side of all driveways. Maximum distance between catch basins shall be 200', or as determined by the engineer or his representative.

NOTE: Tile under driveways shall be installed according to driveway pipe requirements.

2 of 3
(FIGURE 2)

INSTRUCTIONS (CONT.)

YARD TILE PERMIT PROCEDURE



ASHTABULA COUNTY
TILE FRONTAGE STANDARD

OHIO UTILITIES PI

—CF
BEFORE
CALL 800-36
OHIO UTILITIES
"IT'S I

**DRIVEWAY/YARD TILE PERMIT
ASHTABULA COUNTY**

APPLICATION FOR DRIVEWAY NEW
 YARD TILE REPAIR/REPLACEMENT

LOCATION _____

USE (House, Field, Etc.) _____

OWNER _____

OWNER'S ADDRESS _____

DAYTIME

CITY / STATE / ZIP _____ PHONE _____

I HEREBY REQUEST A DRIVEWAY PERMIT YARD TILE PERMIT FOR THE ABOVE LOCATION. I HAVE OBTAINED THE APPLICABLE DRIVEWAY PIPE STANDARD AND/OR YARD TILE STANDARD WHICH SHALL BE COMPLIED WITH.

OWNER'S SIGNATURE: _____ DATE _____

APPROVED AS FOLLOWS: MINIMUM PIPE DIAMETER REQUIRED: _____

EXISTING DITCH GRADE: OK FLOW LINE SET BY COUNTY OTHER _____

NOT APPROVED REASON: _____

BY: _____ DATE: _____

I HEREBY DECLARE THAT THE INSTALLATION HAS BEEN COMPLETED ACCORDING TO THE STANDARDS AND REQUIREMENT AS SET FORTH.

NAME OF CONTRACTOR: _____

PIPE DIAMETER _____ LENGTH _____ TYPE _____

OWNER'S SIGNATURE: _____ DATE _____

INSPECTED BY: _____ DATE _____

COMMENTS: _____

GENERAL PROVISIONS IN FORCE SO FAR AS THE APPLY TO THE
WORK TO BE DONE UNDER THIS PERMIT
(See Sec. 5547.04 Ohio Revised Code)
General Provision Applicable to All Permits

The granting of this permit does not in any way abridge the right of the Board of _____ Township Trustees of Ashtabula County, Ohio in their jurisdiction over the township highways. If, in the process of any future work or for the benefit of the traveling public, it becomes necessary, in the opinion of the Township to order the removal, reconstruction, relocation, or repair of any of the fixtures, or work performed under this permit, said removal, reconstruction, relocation, or repair shall be wholly at the expense of the owners thereof, and be made as directed by the Township Trustees.

The Township Trustees or their designee shall act for and in behalf of the Township in the issuance and the carrying out of the provisions of all permits.

The Township Trustees or their designee shall have full authority to insure that the provisions of this permit are fully complied with; and retains the right to reject any materials or workmanship in the restoration of township highway facilities. Failures on the part of the permittee to conform to the provisions of this permit will be cause for suspension, revocation or annulment of this permit, as the Township deems necessary.

If the party or parties to whom this permit is issued does anything contrary to the orders of the Township Trustees and after due notice, fails to correct such work or to remove such structure or material as he or they may be ordered to remove, The Township may, with or without notice, correct such work or remove such structures or material; and the party or parties to whom this permit is issued shall reimburse the Township for any expense incurred in correcting the work or removing the structure or materials.

All the work herein contemplated shall be done under the supervision and to the satisfaction of the Township Trustees, and the entire expense thereof, shall be borne by the party or parties to whom this permit is issued.

Except as herein authorized, no excavation shall be made or obstacle placed within the limits of the highway in such manner as to interfere with the travel over the road.

If any grading, sidewalk, or other work done under this permit interferes with the drainage of the highways in any way, such catch basins and outlets shall be constructed as may be necessary to take proper care of said drainage.

The acceptance of this permit or the performance of any work there under shall constitute an agreement by the party or parties to whom the permit is granted to comply with all the conditions and restrictions printed or written herein.

All of the above conditions shall be applicable to the work herein authorized, unless the same are inconsistent with the conditions on the face of the permit, in which case the conditions written or printed on the face of the permit shall apply.

Highway property, disturbed by the permittee, shall be restored using materials, design and workmanship in conformance with the Township Highway Use Manual.

All work requiring men or vehicles on the pavement or shoulders shall comply with all of the requirements of the Ohio Manual of Uniform Traffic Control Devices.

Failure to comply with this requirement will be cause for immediate suspension of the permit until the proper traffic controls have been provided.

The permittee upon completion of the work shall leave the highway clean of all rubbish, excess materials, temporary structures, and equipment, and all parts of the highway shall be left in an acceptable condition.

The permittee shall save the Township and all its representatives from all suits, actions, or claims of any character, brought on account of any injuries or damages sustained by any person or property in consequence of any neglect or on the account of any act or omission as a result of the issuance of this permit.

(BACK)