

DEPARTMENT OF PUBLIC WORKS

**REFERENCE  
PERMIT NO: .....**

Fultonville, New York

**APPLICATION FOR PERMIT  
FOR  
ELECTRIC LIGHT LINE - ELECTRIC POWER LINE**

TO: Eric M. Mead,  
Commissioner of Public Works, County of Montgomery

Application is hereby made by the undersigned, whose principal place of business is at .....

.....

to.....

.....

on or across a County Road situate in the Town of .....

County of Montgomery, known as .....

in accordance with the map and plan hereto attached, and pursuant to the conditions and regulations, whether general or special, which are hereinafter set forth; all forming a part hereof. This applicant will obtain any other consents or permits that may be necessary to accomplish the purposed set forth herein.

.....  
(Name of Applicant; add title if signed by a representative)

Dated: ..... Recommended: .....

Dated: ..... Signed:.....

Eric M. Mead  
Commissioner of Public Works

**PERMIT FOR  
ELECTRIC LIGHT LINE - ELECTRIC POWER LINE**

PERMISSION IS HEREBY GRANTED

TO ..... (herein after referred to as

"Permittee") whose principal place of business is at .....

.....

to proceed as set forth and represented in the foregoing application, and at the particular location described therein, in accordance with the map and plant hereto attached and pursuant to the conditions and regulations, whether general or special, which are hereinafter set forth; all forming a part hereof; to wit:

## CONDITIONS AND REGULATIONS

1. This permit for electrical work shall not be assigned or transferred without the written consent of the Commissioner of Public Works.
2. The work authorized by this permit shall be performed under the supervision and to the satisfaction of the Commissioner of Public Works or his representative.
3. The Commissioner of Public Works shall be given one week's notice by said permittee of the date when it intends to begin the work authorized by this permit and prompt notice of its completion.
4. The said permittee shall be responsible for all damages resulting in bodily injury, including death, and/or property damage liability due to activities of the permittee, its contractors, sub-contractors of either or both, agents or employees in connection with any act or omission hereunder; and does hereby expressly agree to indemnify and save harmless the County and/or the Department of Public Works and/or the Commissioner of Public Works and his representatives and employees from claims, suits, actions, damages and costs of every name and description, arising out of or resulting from any act or omission hereunder.
5. Unless expressly waived by the Commissioner of Public Works, the permittee shall furnish with foregoing application a Protective Liability Insurance Policy (OCP) issued to and covering the liability of The People of the County of Montgomery and Commissioner of Public Works of the County of Montgomery, with respect to all operations under this permit by the permittee or by anyone acting by, through or for the permittee, including omissions and supervisory acts of the State. The limits of liability in such policy shall not be less than \$1,000,000 per occurrence for all damages arising out of bodily injury, including death at any time resulting there from, and property damage and a minimum of a \$2,000,000 aggregate for the policy period; such policy shall state it will not be changed or cancelled without 30 days written notification to the Commissioner of Public Works, the County of Montgomery.
6. Unless expressly waived by the Commissioner of Public Works, the permittee shall furnish with foregoing application a Certificate of Insurance evidence of Commercial General Liability coverage. The limits of liability in such policy shall not be less than \$1,000,000 per occurrence with \$1,000,000 for Personal & Advertising Injury and a General Aggregate of \$2,000,000, with a Products & Completed Operations Aggregate of \$2,000,000 for all damages arising out of bodily injury, including death at any time resulting there from, and property damage for the policy period; such policy shall state it will not be changed or cancelled without 30 days written notification to the Commissioner of Public Works, the County of Montgomery. Such policy shall evidence that it provides coverage for "XCU", and has Broad Form Property Damage coverage, and provides "Per Project Aggregate" as well as "Contractual Liability" coverage. Such policy shall contain a "waiver of subrogation" and shall be written on a "primary and non-contributory basis." Furthermore, said Permittee will name the County of Montgomery as an "additional insured" to said policy.
7. The enumeration in this permit of the kind and amount of insurance shall not abridge, diminish or affect the permittee's legal responsibilities for the consequences of accidents arising out of or resulting from the operations of the permittee under this permit.
8. Any undertaking or a certified check in the sum of \$..... deposited with the Department of Public Works before or at the time of the issuance of this permit by the Commissioner of Public Works shall be deemed to include and be used as security that the highway or any part thereof will be restored to its original condition where disturbed, at the expense of the permittee, as soon as the work has been completed, and the said Commissioner of Public Works is hereby authorized to expend all or as much of such deposit as may be necessary for that purpose, should the said permittee neglect or refuse to perform the work.
9. The said Commissioner of Public Works reserves the right to at any time revoke or annul this permit should the said company fail to comply with the terms and conditions upon which it is granted.
10. This applicant shall submit to the Commissioner of Public Works a detailed plan of structure to be built with a description of proposed method of construction before any work hereunder is started.
11. Traffic shall be maintained by the applicant on this section of the highway while the work is in progress and until its final completion. In addition, applicant will be responsible to provide clearly marked warnings regarding said work to the public and will be responsible for any failure to do so.

12. The above names permittee hereby certifies that it has secured Worker's Compensation coverage for the benefit of, and will keep insured during the performance of the above described work, such employees as are required to be insured, under the provisions of the Workers Compensation Laws of the State of New York and the Disability Benefits Law. Such Worker's Compensation coverage will be required for any Sole Proprietor and evidence of such coverage will be provided to the County of Montgomery. Failure to comply will cause this permit to be invalid.

## **SPECIAL CONDITIONS ELECTRIC LIGHT OR POWER LINES CROSSING HIGHWAYS**

### **LOCATION:**

- The poles, or towers, supporting the crossing span shall, where practicable, be outside the limits of the right of way.
- Unusually long crossing spans shall be avoided wherever practicable.
- The poles, or towers, shall be located as far as practicable from inflammable material or structures.
- The poles, or towers, supporting the crossing span and the adjoining span on each side, preferably shall be in a straight line.
- The wires, or cables, shall cross over telegraph, telephone and similar wherever practicable.
- Cradles or overhead bridges, shall not be used.

### **CLEARANCE:**

The clear headroom shall not be less than 18 feet above the crown of the highway for wires carrying less than 750 volts; 20 feet for wires carrying from 750 to 7,500 volts and 30 feet for wires carrying above 7,500 volts; all under the most unfavorable conditions of temperature and loading. The clearance of alternating current circuits above any existing wires, under the most unfavorable conditions of temperature and loading, and for spans where the sum of the distances from the intersection of the wires to the nearer supports of each is less than 100 feet, shall be not less than two feet for wires carrying less than 750 volts; four feet for wires carrying from 750 to 7,500 volts, and six feet for wires carrying from 7,500 and 50,000 volts. For longer spans, all clearances must be increased by two inches for each ten feet of the excess above 100 feet of the sum of the distances from the intersection of the wires to the nearer supports. For voltages above 50,000 all clearances must be increased by one-half inch for each 1,000 volts excess.

### **GUYS:**

Guys shall be not less than 5/16th inch in diameter of an approved material protected from corrosion, and the details of anchorage to be definitely shown on plan.

Wooden poles supporting the crossing span shall be side-guyed in both directions, if practicable and be head guyed away from the crossing span. The next adjoining poles shall be head guyed in both directions. Braces may be used instead of guys.

Strain insulators shall be used in guys from wooden poles carrying any power wire of more than 300 and less than 6,600 volts, providing the guys are not through grounded to permanently damp earth. Strain insulators shall not be used in guying steel structures, nor required on wooden poles carrying wires, all of which are 6,600 volts or more, provided the guys are through grounded to permanently damp earth.

### **CLEARING:**

The space around the poles, or towers, shall be kept free from inflammable material, underbrush and grass.

### **SIGNS:**

Warning signs of an approved design shall be placed on all towers, and on all poles stepped less than 6-1/2 feet from the ground, carrying wires or cables across highways.

### **GROUNDING:**

Where wires carrying more than 7,500 volts, and unless two cross arms are used on each pole of the crossing span the towers the towers and poles supporting the crossing span shall be permanently grounded. In addition to this, a satisfactory device shall be used to ground each part of the conductor, at the tower or pole, if it breaks.

### **FOUNDATIONS:**

Foundations for steel poles and towers shall be designed to prevent overturning. Where crossing is located in wet ground or swamp, special precaution shall be taken to insure stability of poles and towers.

**MATERIAL:**

Conductors shall be of copper, steel, reinforced aluminum, or other noncorrodible material, except where mechanical strength on account of extra long span is sufficient. For longer spans the wire sizes shall be increased accordingly. The conductor of crossing span shall contain no joints.

The minimum sizes of conductors shall be:

- For spans of less than 150 feet: No. 6B & S. gage for medium or hard-drawn copper wires.
- No. 4B & S. gage for soft-drawn copper wires.
- No. 6B & S. gage for aluminum wires with steel reinforcements.

**INSULATORS**

Insulators shall be of porcelain for voltages exceeding 5,000 volts. Strain insulators for guys shall have a mechanical strength of at least equal to that of a guy in which placed and shall not flash over at four times the maximum line voltage under the precipitation of water of 1-5 inch per minute. Strain insulators shall be so constructed that the guy wires holding insulators in place interlock in case of failure of insulator.

**INSULATOR PINS:**

Insulator pins shall be of an approved metal, protected from corrosion, or for lines of less than 11,000 volts, of wood not less than 1-1/4 inches diameter at the shank.

**POLES:**

On the completion of the work, all false work, plant and rubbish incident to the construction, shall be removed promptly and the site left unobstructed and clean.

The applicant shall present for approval plan showing details of proposed crossing at time application is made for permit.

**ELECTRIC LIGHT OR POWER LINE ALONG HIGHWAY**

The applicant shall submit a detailed plan showing proposed location of line with spacing of poles or towers and height of same. This plan shall indicate size and kind of conductor, maximum voltage, type of insulator, number of lightning arresters per mile, and location of transformer houses. The details of all towers and their foundations shall be shown. If poles are used method of setting shall be indicated with guys and anchorage.

All details as to guys, setting of poles, clearing and material, given under heading "Electric Light or Power Line Crossing Highway" apply under this heading.

Conspicuous warning signs shall be attached to towers or poles at frequent intervals, also to all transformer houses.

In consideration of the granting of the within Miscellaneous Structures permit, the undersigned hereby accepts the same subject to the conditions, regulations, and restrictions therein described.

Dated this ..... day of ....., 20.....

.....  
(Signature of Applicant)

.....  
(Company)

Pursuant to the conditions, regulations and restrictions as set forth above, this permit is approved this ..... day of ....., 20....., at Fultonville, New York

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Eric M. Mead  
Commissioner of Public Works.