

**REQUIREMENTS AND CONDITIONS FOR UTILITY LINES OVER CANAL LANDS AND WATERS**

**A. Requirements:**

Plans and specifications of the proposed project shall be submitted to the Canal Corporation for review and approval prior to the issuance of a Canal permit. Plan shall include, but not limited to:  
Location of lines in relation to canal centerline station.

Line profile

Elevations of lines over the canal/river.

Upon completion of project a complete set of plans shall be submitted showing 'as-built' conditions including, but not limited to:

GPS coordinates (UTM, NAD 83, Zone 18) at the beginning, end and any angle points of line over Canal lands/waters.

Finished elevations of lines over the Canal lands/waters.

**B. Conditions:**

1. All construction shall be satisfactory to the NYSCC.
2. Clearances over NYSCC land shall meet requirements of National Electric Safety Code.
3. Minimum clearances over maximum navigable level of canal channel shall be maintained as follows:
  - a) Electric
    - (1) Up to 115 Kilovolts - 55 feet
    - (2) 116 to 229 - 60 feet
    - (3) 230 to 344 - 65 feet
    - (4) 345 to 500 - 75 feet
    - (5) Over 500 - as directed by the NYSCC
    - (6) Lines of under 34.5 kV, built before 1971 with 35 feet clearance will be allowed to exist until line is reconstructed.
  - b) Telephone cables - 35 feet
  - c) Television cables - 35 feet

Maximum navigation level at this location is XXX Barge Canal Datum (BCD = NAVD 1929 + xxx)

4. Utility lines shall not pass over Canal structures.
5. Utility lines shall not interfere with Canal operation or maintenance as specified by the NYSCC.
6. All tree and brush removal shall be the responsibility of the permittee and cuttings shall be removed from NYSCC property.

**THESE CONDITIONS AND REQUIREMENTS ARE SUBJECT TO CHANGE AND/OR REVISIONS.**

STATE OF NEW YORK  
 DEPT. OF PUBLIC SERVICE  
 DATE 4/2/09  
 CASE NO. 06-7-0650  
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**ANNUAL PERMIT FEES FOR UTILITY LINES OVER CANAL LANDS AND WATERS**

The annual permit fees for aboveground powerlines, telephone and other communications crossings shall be based on 50 percent of the occupied property's fair market rental value as determined by our Bureau of Real Property Management. The area necessary to accommodate the crossings will be computed by multiplying the required width of the corridor by the length of the corridor as measured along its centerline. The required corridor widths will vary based on the size and type of the bearing structure and the capacity of the transmission line. The minimum prescribed corridor widths are as follows:

Powerline voltage	Minimum prescribed corridor width
765kv.....	250 feet
500kv.....	175 feet
230 to 345kv.....	150 feet
115 to 138 kv.....	100 feet
34.5 to 69 kv.....	50 feet
23 kv or less (includes telephone or other communication crossings)	25 feet

The corridor width of a multiline crossing will be determined by taking one-half the prescribed corridor width for each outside line and adding it to the distance between them. In no case shall the total corridor width be less than the required width for the powerline having the greatest voltage capacity. If more than one transmission line is attached to the same bearing structure, the corridor width will be that required for the transmission line with the greatest voltage capacity. The annual permit fee will be computed by multiplying the corridor area by 50 percent of the property's fair market rental value. If the area within the corridor is over water, it will be appraised using the value of adjoining canal upland.

**THESE FEES ARE SUBJECT TO CHANGE AND/OR REVISIONS.**

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