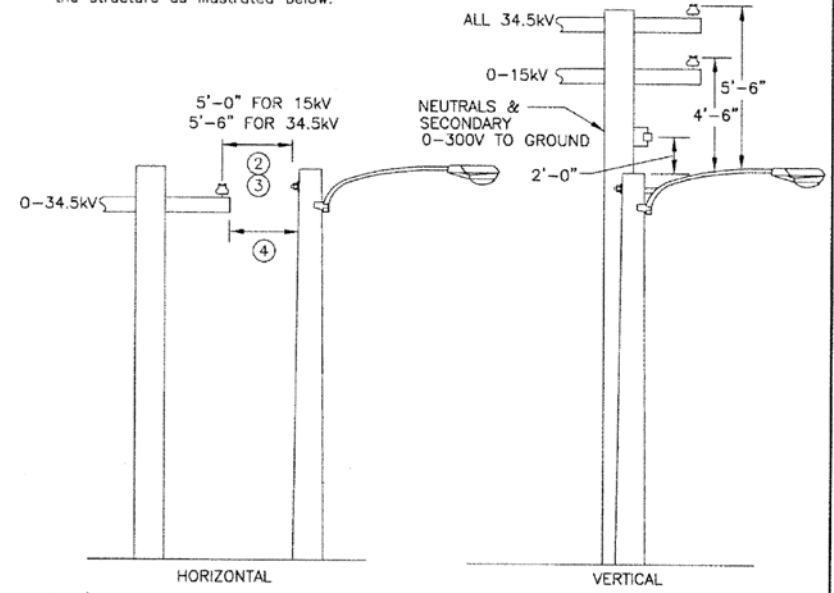


CLEARANCE FOR CONDUCTORS FROM OTHER SUPPORTING STRUCTURES
 (REFERENCE NESC 234B) ①

Conductors passing near a lighting support, traffic signal support, or a supporting structure of a second line, without being attached thereto, shall have clearance from any part of the structure as illustrated below:



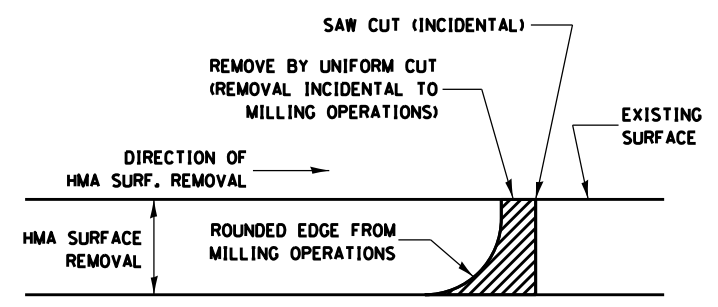
- NOTES (applicable to this page only)
- For sag conditions see General Notes, page 3.
 - Additional horizontal space may be required at midspan under wind conditions to meet the basic wind clearance. The table below right depicts the amount of horizontal blowout under wind conditions (based on sag of 266.8 kcmil bare aluminum at 60°F, which has the largest blowout). Use the 6 lb/ft² wind force for unsheltered locations and the 4 lb/ft² wind force for sheltered locations. Note that most horizontal clearances have both at rest and under wind condition clearances. The blowout figures should be applied to the under wind condition clearances (refer to note 3).
 - Clearances shown are for conductors at rest (no wind displacement). When the conductor is displaced by wind, it cannot come closer than 3'-6" for open supply conductors 0-750V, and 4'-6" for open supply conductors 750V-15kV. 5'-0" for open supply conductors 15kV-34kV.
 - For guys, messengers, neutrals, and cables of 300 Volts or less to ground, the clearance may be reduced to 3 feet.

WIND FORCE	SPAN LENGTH	HORIZONTAL BLOWOUT
6 LB/FT ² (48 mph)	100'	12"
	150'	18"
	200'	28"
4 LB/FT ² (39 mph)	100'	9"
	150'	15"
	200'	21"

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Exelon SYSTEM STANDARD
 Energy Delivery

CONTRACTOR SHOULD ADHERE TO DETAIL FOR TEMPORARY LIGHTING SYSTEM



NOTE:
 WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

HMA DETAIL AT BUTT JOINTS