

Sec. 16-243-8. Clearance requirements for conductors

All conductors to span mounted traffic signal lights, when attached to poles of public service companies shall be installed to comply with the clearance requirements of the National Electrical Safety Code (NESC), 1984 edition, as may be from time to time amended. In general the following will apply:

(A) All traffic signal conductors (except certain interconnect cables) shall be installed 40" minimum above communications.

(B) Interconnect for a two signal system when attached to poles of a public service company, may be either by traffic signal conductor, leased communications lines, or according to Paragraph 7 above.

(C) Interconnect for a three or more signal system when attached to poles of a public service company, shall be via leased communication lines throughout the system, if available, or according to Paragraph 7 above.

(D) Span wire or messenger carrying conductors shall be attached 12" minimum below secondary if running parallel and 6" minimum if running other than parallel. All messenger, guys and span wires shall be installed so as to prevent midspan conflicts due to unequal sagging of different wires.

(E) Span wire or messenger not carrying conductors and insulated according to plate #2 may be installed a minimum of 6" above communications.

(F) All circuits connected to leased communication lines shall comply with Class 2 or Class 3 circuits as outlined in Article 725-31 of the NEC.

(G) Span or support poles shall be installed so as to maintain clearance requirements from existing conductors as set forth in The National Electrical Safety Code (NESC), 1984 edition, as may be from time to time amended. In no case may any such pole be located closer than 10' to an existing utility pole.

(H) Mastarms and other similar supporting structures must be installed so as to pass a minimum of 12" from communications cables.

(I) Any traffic signal equipment installed in accordance with these rules and regulations and with less than 40" clearance from communications will be subject to temporary relocation, if necessary, to allow for communications cable work.

(Effective April 22, 1986)