
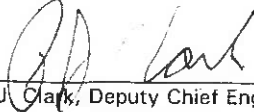


Tr n-30-1-87728- Design Quality Assurance Bureau SUPERSEDED BY EB02-024 EFFECTIVE 7/11/02		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 99-014
Title: MAST ARM, POST TOP, & BRACKET MOUNT TRAFFIC SIGNAL POLES			
Distribution: <input checked="" type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Main Office (30) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Contractors (39) <input checked="" type="checkbox"/> Regions/Agencies (32) <input type="checkbox"/> ()	Approved:  P. J. Clark, Deputy Chief Engineer, Design Division Date: 5/13/99		

Administrative Information. This Engineering Instruction becomes effective with projects submitted for letting on or after 11/04/ 1999. This EI supersedes EI 96-006. The information transmitted herewith will be incorporated into the Standard Specifications and Standard Sheets.

Transmitted Information. The pay items for mast arm, post top and bracket mount traffic signal poles are currently serialized to allow designers to specify mounting heights of signal heads in whole meters. However, designers have requested that mounting heights should be described in units smaller than whole meters, because whole meters are too large an increment for certain municipalities or site conditions. Therefore, this EI transmits a revision to the Standard Specifications allowing the mounting height of signal heads to be specified to the tenth of a meter. Mast arms will continue to be specified in whole meters because mast arms are often longer than 10 meters; and the mounting height and span of the lighting arm on Traffic Signal Pole - Bracket Mount With Lighting Arm, item 680.69XXM, will continue to be "as indicated on the plans."

By allowing the mounting height of signal heads to be specified to the tenth of a meter, the most preferred mounting heights could be specified within one half inch of the desired 18', 20' and 22'. This revision will appear on the ERRATA shelf note as follows:

Page 6-193, replace lines 43 & 44 with: "XX=Mast arm mounting height in meters and tenths of a meter*
 YY=Mast arm length in whole meters"

Page 6-194, replace line 4 with: "XX=Mounting height in meters and tenths of a meter* "

Note that a mast arm traffic signal pole with a mounting height of 6.1 m and a mast arm length of 9 m would have pay item 680.626109, where XX=61 and YY=09.

Consequently, Standard Sheet M680-14 will be renumbered M680-14R1 and revised to show the signal mounting height in meters and tenths on the details labeled POST TOP MOUNT POLE and BRACKET MOUNT POLE. Similarly, Standard Sheet M680-15 will be renumbered M680-15R1 and revised to show the mast arm mounting height in meters and tenths on the detail labeled MAST ARM POLE.

Contact Person. Any questions regarding this EI may be addressed to Richard Stempel of the Design Quality Assurance Bureau, at tel. (518) 457-5440.