

641 PRESTRESSED CONCRETE POLES.
(REV 9-22-11) (FA 11-17-11) (7-12)

ARTICLE 641-1 (Pages 752 and 753) is deleted and following substituted:

641-1 Description.

Furnish and install prestressed concrete poles for service pole applications, luminaire support, and strain poles for span wire support of traffic signals, signs, and other devices (multiple types). Obtain precast, prestressed concrete poles from a manufacturing plant that is currently on the Department's list of Producers with Accepted Quality Control Programs. Producers seeking inclusion on the list shall meet the requirements of 105-3.

Ensure that each pole is constructed and permanently and legibly marked in accordance with Design Standards, Index No. 17725, including the date cast. The marking shall be visible after installation.

Ensure that the shipment of the products to the job site meets the requirements of 450-16.3 and 105-3.2.

ARTICLE 641-2 (Page 753) is deleted and the following substituted:

641-2 Materials.

Meet the following requirements:

Portland Cement Concrete	Section 346 Class V Special
.....	or Class VI
Reinforcing Steel	931-1
Prestressed Strands.....	933-1
Spiral Reinforcing	ASTM A 82

SUBARTICLE 641-4.3 (Page 753) is deleted and the following substituted:

641-4.3 Orientation of Poles: For poles supporting one catenary wire, orient the pole so that the load face is perpendicular to the catenary wire. For poles supporting two catenary wires, orient the pole so that the load face is perpendicular to a line bisecting the angle between the two catenary wires.

Rake pole back from the span wire as necessary to achieve a final rake of 1/2 inch per foot, plus or minus 1/4 inch.