

641 PRESTRESSED CONCRETE POLES.

(REV 1-7-09) (FA 1-26-09) (7-09)

ARTICLE 641-1 (Pages 699 and 700) is deleted and the 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. Provide poles that are listed on the Department’s Qualified Products List (QPL).

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 Section 8.2 of the Materials Manual.

ARTICLE 641-2 (Page 700) 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 Steel931-1
- Prestressed Strands933-1

SUBARTICLE 641-4.2 (Page 700) is deleted and the following substituted:

641-4.2 Footings: Provide footings 3 feet 6 inches in diameter and of the depth specified in the plans for strain poles used for span wire support of traffic signals. Provide footings for all other pole applications as specified in the plans. Construct the footings with concrete as specified in Section 347.