

**975 PAINTING GALVANIZED STEEL STRAIN POLES, MAST ARM ASSEMBLIES AND MONOTUBE ASSEMBLIES.  
(REV 5-10-07) (FA 5-29-07) (1-08)**

ARTICLE 975-7 (Pages 882 and 883) is deleted and the following substituted:

**975-7 Painting Strain Poles, Mast Arms and Monotube Assemblies.**

Paint systems used on galvanized steel strain poles, galvanized steel mast arms and galvanized steel monotube assemblies shall meet the color requirements as specified in the Contract Documents and shall exhibit no loss of adhesion or loss of color greater than  $8\Delta E_s$  for five years after final acceptance as specified in 5-11. A steel signal mast arm assembly or monotube assembly that exhibits a cumulative surface area of delamination in excess of 100 square inches will constitute an adhesion failure. Delamination shall be defined as any area of exposed metal surface subsequent to hand tool cleaning in accordance with SSPC-SP2. A change in the coating color in excess of  $8\Delta E_s$  per the CIE  $L^*a^*b^*$  1976 will constitute a color retention failure. The Department will measure the CIE 1976 color chromaticity coordinates for the color of the top coat of the two sample coupons provided with a BYK-Gardner Handicolor colorimeter using D65 illuminant and 2 degree geometry settings. The Department measured  $L^*a^*b^*$  chromaticity coordinates shall define the initial color and will be used for resolution of color retention failures and the resolution of color retention disputes. All paint systems must possess physical properties and handling characteristics that are compatible with the application requirements of Section 649. Materials must be specifically intended for use over galvanized steel.