Instructions for Pile Plating:

1. Number of 3" spaces shall be determined in the field to extend past the extents of the deteriorated area.

2. Plate length shall be determined in the field.

3. Extents of deteriorated area will be determined by the engineer.

4. Use plates as templates for field drilling holes in existing pile.

Cost of furnishing and installing structural steel, all steel coatings and any other incidental material or labor to complete pile repair, complete in place, will be considered completely covered by the contract lump sum price for Class 2 Excavation.

Cost of surface preparation will be considered completely covered by the contract lump sum price for Surface Preparation for Applying Epoxy-Mastic Primer. The cost of surface preparation will be in accordance with Sec 1081. The bituminous membrane shall be recoated with one 6-mil thickness of Gray Epoxy-Mastic Primer.

Damage areas of existing pile must be coated in Gray Epoxy-Mastic Primer. If used in combination, specify associated pile(s) by color. As a barrier, if coated pile is embedded in fresh concrete or "Gray" is being used elsewhere, "Aluminum" is preferred because it breaks up the galvanic cell and prevents galvanic corrosion. As a coating, if being used as a coating, "Gray" is preferred over "Aluminum" because the "Gray" Epoxy-Mastic Primer provides a harder, more durable coating than the "Aluminum" Epoxy-Mastic Primer.

Surface preparation shall be in accordance with Sec 1081. In general, a minimum of two coats of inorganic zinc primer (5 mils minimum) shall be applied. If used in combination, specify associated pile(s) by color. Surface preparation shall be in accordance with Sec 1081. The bituminous membrane shall be recoated with one 6-mil thickness of Gray Epoxy-Mastic Primer.

Coating shall be applied one foot above and below the existing pile surface and either "Aluminum Epoxy-Mastic Primer" or "Gray Epoxy-Mastic Primer".

Butt Splice (Top 45°)

Butt Splice (Bottom 45°)

Provisions.

These quantities are included in the Estimated Quantities table on details. If used in combination, specify associated pile(s) by color.

Dewatering

Note: This drawing is not to scale. Follow dimensions.