PART PLAN OF WEB SHOWING PILE PLATING

General Notes:
(1) Pile plating shall be in accordance with Sec. 108 for surface preparation.
(2) Field connections shall be made with 3/4" diameter ASTM F3125 bolts & plate 14 1/2" x 3/8" x (2) 1 1/2" Flange.
(3) Plates shall be determined in the field to extend past the extents of the deteriorated area.
(4) Use plates as templates for field drilling holes in each face.

Field connections shall be made with 3/4" diameter ASTM F3125 bolts.

Fabricated structural steel shall be ASTM A709 Grade 36 or 50.

All new or existing structural steel shall be coated with a minimum of two coats of inorganic zinc primer. New steel pile section shall be coated in accordance with Sec 702. New steel pile section shall be the same grade as, or greater than, the existing pile (ASTM A709 Grade 36 or 50).

Gray Epoxy-Mastic Primer.

Aluminum Epoxy-Mastic Primer.

Surface Preparation for Applying Epoxy-Mastic Primer.

Cost of furnishing and installing structural steel pile, 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 Dewatering. See special provisions.

Cost of dewatering will be considered completely covered by the contract lump sum price for Class 2 Excavation. Cost of dewatering will be included completely covered by the contract lump sum price for dewatering. See special provisions.

Variations may be encountered in the estimated quantities but the variations can not be used for an adjustment in the contract lump sum price.

STEEL PILE SPLICE

#4 or #6, 1-1/2" Pin w/ Standard Drawing Guidance

Lug Bail on Plan (Lug Bail number required)

Delete all other details.  If galvanizing is preferred, add splice detail and reference code below.

If only a flange is to be plated, both flanges and web shall be plated.  Details can be modified if only the web replacement should be considered.

If used in combination, specify associated pile(s) by number or name.  If used in combination, specify associated pile(s) by number or name.

Show only pile repair method required.  Delete all other details.  If galvanizing is preferred, add splice detail and reference code below.

Showing only pile repair method required. Delete all other details. If galvanizing is preferred, add splice detail and reference code below.

Contract unit price.

Steel Pile Repair

Gray Epoxy-Mastic Primer

If galvanizing is preferred, add splice detail and reference code below.

Surface Preparation for Applying Epoxy-Mastic Primer.

Cost of the aluminum gray epoxy-mastic primer applied over an SSPC-SP3 details of upper section. If used in combination, specify associated pile(s) by number or name.

Gray Epoxy-Mastic Primer

Aluminum Epoxy-Mastic Primer

Surface Preparation for Applying Epoxy-Mastic Primer.

Gray Epoxy-Mastic Primer

Aluminum Epoxy-Mastic Primer

Surface Preparation for Applying Epoxy-Mastic Primer.

Pile Encasement With Pile Repair Sheet.

SHOW QUANTITY ON SHEET. (POSSIBLE ITEMS GIVEN)

New steel pile section shall be coated in accordance with Sec 702. These protective coatings will not be required below the normal low water line. Minimum of two coats of inorganic zinc primer (5 mils minimum). New steel pile section shall be coated in accordance with Sec 702.

Contact surfaces shall be in accordance with Sec 1081 for continuous operation from removal through splicing.

All exposed surfaces of the existing structural steel piles and coatings will not be required below the normal low water line.

The cost of the aluminum gray epoxy-mastic primer applied over an SSPC-SP3 coatings will not be required below the normal low water line. The cost of the aluminum gray epoxy-mastic primer applied over an SSPC-SP3 details of upper section.