For details of pile plating, see Sheet No. 1080.

Shear connectors shall be in accordance with Sec 712, 1037 and will be made for this substitution. See special provisions.

A FRP pile jacketing system may be used in lieu of pile encasement or jacketing, and plating or partial replacement should be considered.

Existing sway bracing may need to be removed and bill of reinforcing steel should be considered.

Shear connectors are only used for partial pile replacement.

Delete note if there is not any existing sway bracing.

Special provisions can be made for the area of pile to be replaced or plated.

The exposed and accessible surfaces of the existing structural concrete shall be cleaned with a non-aluminum primer to a minimum of SSPC-SP-3 and coated with a minimum of one coat of gray high build epoxy mastic primer.

Existing ground line slope to drain. Clean and seal top of concrete bent or pier with protective coating when applicable.

Minimum clearance to reinforcing steel shall be 1-1/2", unless otherwise shown.

No additional payment will be made for this substitution. See special provisions.

Minimum clearance to reinforcing steel shall be 1-1/2", unless otherwise shown.

Notes:

- General Notes:
  - All bars shall be epoxy coated.
  - All concrete for pile encasement shall be Class B (f'c = 3000 psi). (See Sec 1081)
  - The reinforcing steel shall be epoxy coated Grade 60 with fy = 60,000 psi.

- Foot Outside the Face of the Pile Encasement:
  - The exposed and accessible surfaces of the existing structural concrete shall be cleaned with a non-aluminum primer to a minimum of SSPC-SP-3 and coated with a minimum of one coat of gray high build epoxy mastic primer. (See Sec 711)

- Minimum clearance to reinforcing steel shall be 1-1/2", unless otherwise shown.

- Standard Drawing Guidelines:
  - Do not show non-plan views.
  - This sheet is supplemental to Details of Pile Repair.
  - Use Shear Connector (Typ.) @ about 2'-0" cts. (Max. Spacing)

- Delete note if there is not any existing sway bracing.

- Use details that match the selected pile repair method. Delete all other details. Use general notes.