TABLE OF MAXIMUM PILE PICK-UP AND SUPPORT LENGTHS

<table>
<thead>
<tr>
<th>Maximum Pile Length (Feet)</th>
<th>Required Storage and Transportation Detail</th>
<th>Pick-Up Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>122</td>
<td>2, 3, or 4 point</td>
<td>1 Point</td>
</tr>
<tr>
<td>174</td>
<td>2, 3, or 4 point</td>
<td>2 Point</td>
</tr>
</tbody>
</table>

1. Work this index with the Pile Data Table in the Structures Plans.
2. Concrete:
   A. Piles: Class V (Special)
   B. Splice Collar: Class IV
   C. Silica Fume: See "GENERAL NOTES" in the Structures Plans for locations where the use of silica fume, metakaolin or ultra-fine flyash is required.
3. Concrete Strength at time of prestress transfer:
   A. Piles: 4,000 psi minimum.
4. Carbon-Steel Reinforcing:
   A. Bars: Meet the requirements of Specification Section 415
   B. Prestressing Strands: Use 0.6 dia. carbon-steel, Grade 270, low-relaxation strand stressed to 44.0 kips that meets the requirements of Specification Section 933.
   C. Protect all carbon-steel strands permanently exposed to the environment and not embedded under final conditions in accordance with Specification Section 450.
5. Spiral Ties:
   A. One half turn is required for carbon-steel spiral splices
   B. One full turn is required at the head and tip of each pile
6. Pile Splices:
   A. Epoxy: Type AB Epoxy Compound or Epoxy Mortar must meet the requirements of Specification Section 926.
      a. Use a Type AB Epoxy Bonding Compound or Epoxy Mortar, as recommended by the Manufacturer, to form the joint between pile sections.
      b. Use a Type AB Epoxy Bonding Compound as a bonding agent on internal pile surfaces.
   B. Splices: Resume pile driving after the splice concrete reaches a minimum strength of 5,500 psi.
7. Mark piles at the pick-up points to indicate the proper points for attaching handling lines.
Concrete Seal

2'-0" M in . Cover

Driven Prestressed Pile

Spiral Ties
W11 Wire
No. 4 Bars or W20 Wire Ties

Closed No. 4 Bars or W20 Wire Ties @ 1'-0" ± (Typ.)

3" Min. Cover (Typ.)

36 - 0.6" Ø Strands @ Equal Spaces

45° Ø Void

Full Epoxy Compound Joint around cylinder pile wall only (See Detail "A")

24 - No. 11 Bars @ Equal Spaces

2 Min. Cover

Clean inside surface of 60" Ø Pile with a high pressure water blast (3000 psi Min.) and apply bonding agent for Driven Prestressed Pile

Concrete Seal

2" Min. Cover

3" Min. Cover (Typ.)

36 - 0.6" Ø Strands @ Equal Spaces

1'-0" Ø Void

1'-0" Ø Void, open top and bottom to allow through venting of sections

Roughen inside surface of 60" Ø Pile to 1/4" amplitude for Spliced Pile Section

Full epoxy compound joint

Temporary Blocking Form to retain epoxy compound

Full epoxy compound joint

Form to retain epoxy compound

Inside Pile Wall

Outside Pile Wall

Gasket

DETAIL "A"

SECTION A-A

SECTION B-B

DRIVABLE UNFORESEEN FIELD SPLICE DETAIL
(Cast in Place Plug)