### GENERAL NOTES:
- Designed according to ASME/ANSI standards.
- See Bridge Layout for Foundation type, size and length.
- Reinforcing steel, 220 Lb (per pile section).
- See Common Foundation Details (FD) standard sheet for all foundation details and notes.
- See Bridge Layout for foundation type, size and length.
- Designed according to AASHTO LRFD Bridge Design Specifications.

### MATERIAL NOTES:
- Use Class "B" Concrete (Col) if shown elsewhere in the plans.
- Provide Class C (HPC) concrete (f'c = 3,600 psi).
- Provide Grade 60 reinforcing steel.

### TABLE OF ESTIMATED QUANTITIES

<table>
<thead>
<tr>
<th>Bar</th>
<th>No.</th>
<th>Size</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>11</td>
<td>3/4</td>
<td>3'-0&quot;</td>
<td>0.72</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>3/4</td>
<td>9'-0&quot;</td>
<td>2.10</td>
</tr>
<tr>
<td>C</td>
<td>4</td>
<td>3/4</td>
<td>12'-0&quot;</td>
<td>3.47</td>
</tr>
<tr>
<td>D</td>
<td>4</td>
<td>3/4</td>
<td>12'-0&quot;</td>
<td>3.47</td>
</tr>
</tbody>
</table>

### FOUNDATION LOADS

<table>
<thead>
<tr>
<th>Load Description</th>
<th>Pile Load (Load/Plant)</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 Spa at 11.314' = 56.568'</td>
<td>A = 4,568</td>
</tr>
<tr>
<td>22 Spa at 17.500' = 52.500'</td>
<td>A = 4,568</td>
</tr>
</tbody>
</table>

### BEARING SEAT DETAIL

- Bearing surface must be clean and free of all loose material before placing bearing pad.
- Promote drainage and stability of bearing pad.
- Gravel or crushed stone (2" max) for top of bearing pad.
- Galvanized steel reinforcement bars (BS).

### BEARING DETAIL

- Galvanized steel reinforcement bars (BS).
- Pile loads based on "H" value of 36'.
- For each linear foot variation in "H" value, make the following adjustments:
  - Min into cap (Typ) each bay.
  - Const JT (Typ).
  - Min lap (Typ).

- Uniform slope between bearings.
- One and a half flat top finish.
- Foundation loads based on "H" = 36'.
- This standard may not be used for "H" heights exceeding 36'.
- In areas of very soft soil or where scour is anticipated, allowable "H" heights must be evaluated by the Engineer prior to the use of this standard.
- The top of the cap cross-slope.
- The top of the cap cross-slope.
- The top of the cap cross-slope.
- The top of the cap cross-slope.
- The top of the cap cross-slope.

### SECTION A-A

- Uniform slope between bearings.
- One and a half flat top finish.
- Foundation loads based on "H" = 36'.
- This standard may not be used for "H" heights exceeding 36'.
- In areas of very soft soil or where scour is anticipated, allowable "H" heights must be evaluated by the Engineer prior to the use of this standard.
- The top of the cap cross-slope.
- The top of the cap cross-slope.
- The top of the cap cross-slope.
- The top of the cap cross-slope.
- The top of the cap cross-slope.

### HALF ELEVATION

- Uniform slope between bearings.
- One and a half flat top finish.
- Foundation loads based on "H" = 36'.
- This standard may not be used for "H" heights exceeding 36'.
- In areas of very soft soil or where scour is anticipated, allowable "H" heights must be evaluated by the Engineer prior to the use of this standard.
- The top of the cap cross-slope.
- The top of the cap cross-slope.
- The top of the cap cross-slope.
- The top of the cap cross-slope.
- The top of the cap cross-slope.