**TABLE OF ESTIMATED QUANTITIES**

<table>
<thead>
<tr>
<th>No.</th>
<th>Span</th>
<th>Load</th>
<th>Girder</th>
<th>Pile Load (Tons/Pile)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 Pile Tons/Pile</td>
</tr>
<tr>
<td>1</td>
<td>38' 9&quot;</td>
<td>7,378</td>
<td>321 Lb</td>
<td>27.2</td>
</tr>
<tr>
<td>2</td>
<td>11'-2&quot;</td>
<td>1,046</td>
<td>321 Lb</td>
<td>10.0</td>
</tr>
<tr>
<td>3</td>
<td>53'-9&quot;</td>
<td>1,387</td>
<td>321 Lb</td>
<td>27.2</td>
</tr>
</tbody>
</table>

**GENERAL NOTES:**
- Designed according to AASHTO LRFD Bridge Design Specifications.
- Reinforcing bar dimensions shown are out-to-out of bar.
- Cover dimensions are clear dimensions, unless noted otherwise.
- Details are drawn showing right forward skew. See Bridge Layout for actual skew direction.
- Galaxy dowel bars D.
- Provide Grade 60 reinforcing steel.
- Provide Class C (HPC) concrete if shown elsewhere in the plans.
- See Bridge Layout for foundation type, size and length.
- See Common Foundation Details (FD) standard sheet for all foundation details and notes.
- See Shear Key (IGSK) standard sheet for all shear key details and notes, if applicable.
- See Shear Key (IGSK) standard sheet for all shear key details and notes, if applicable.

**MATERIAL NOTES:**
- Reinforcing steel total accordingly.
- For each linear foot variation in "H" value of +1'-0" per side:
  - +0'-6" = 9'-0" Max = 11'-0"
- For each linear foot variation in "H" value of -1'-0"
  - -0'-6" = 11'-0" Max = 9'-0"
- Adjust reinforcing steel total accordingly.
- For each 1'-0" of "H" exceeding 36'
  - 36' above ground finish level, drilled shaft or footing
  - +0'-6" = 9'-0" Max = 11'-0"
  - For each 1'-0" of "H" exceeding 36'
  - -0'-6" = 11'-0" Max = 9'-0"

**FOUNDATION LOADS**

<table>
<thead>
<tr>
<th>Load Factor</th>
<th>Tons/Shaft</th>
<th>Load</th>
<th>Pile Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>51.3</td>
<td>33.0</td>
<td>SDB</td>
</tr>
<tr>
<td>1/4</td>
<td>23</td>
<td>13.0</td>
<td>SDB</td>
</tr>
<tr>
<td>1/8</td>
<td>13</td>
<td>6.0</td>
<td>SDB</td>
</tr>
<tr>
<td>1/16</td>
<td>6.5</td>
<td>3.0</td>
<td>SDB</td>
</tr>
<tr>
<td>1/32</td>
<td>3.25</td>
<td>1.5</td>
<td>SDB</td>
</tr>
</tbody>
</table>

**INTERIOR BENTS**

**TYPE TX62**

**PRESTR CONC I-GIRDERS**

**38' ROADWAY**

**45° SKEW**

**BIG-62-38-45**