**TABLE OF ESTIMATED QUANTITIES**

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BARS U</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>BARS S</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>BARS Z</td>
<td>1</td>
</tr>
</tbody>
</table>

**FOUNDDATION LOADS**

<table>
<thead>
<tr>
<th>Load Case</th>
<th>Load Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
<td>1,154' x 7'</td>
</tr>
<tr>
<td>P2</td>
<td>589</td>
</tr>
<tr>
<td>P3</td>
<td>598</td>
</tr>
<tr>
<td>P4</td>
<td>37.7</td>
</tr>
<tr>
<td>P5</td>
<td>23.0</td>
</tr>
</tbody>
</table>

**GENERAL NOTES:**
- Designed according to AASHTO LRFD Bridge Design Specifications.
- See Bridge Layout for foundation type, size, and length.
- See Common Foundation Details (CFD) standard sheet for all foundation details and notes.
- Bents selected must be based on the average span length rounded up to the next 5 ft increment.
- Details are drawn showing right forward skew. See Bridge Layout for actual skew direction.
- These bent details may be used with standard SIG-40-45 only.

**MATERIAL NOTES:**
- Provide Class C (HPC) concrete if shown elsewhere in the plans.
- Provide Class C (HPC) concrete if shown elsewhere in the plans.
- Galvanize dowel bars D.

**HALF ELEVATION**

1. Quantities shown are based on an "H" value of 36. For each linear foot variation in "H" value, make the following adjustments:
   - Bars in length, T-Fig
   - Bars P length, S-Fig
   - Reinforcing steel, 200 lb
   - Class C Concrete (Col), 1.05 CY

2. This standard may be used with "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.

3. Steel Dowels D at end of multi-span units. Adjust reinforcing steel bar accordingly.

4. Foundation loads based on "H" = 36.

5. Measured parallel to top of cap cross-section.

**INTERIOR BENTS**

**TYPE TX28 THRU TX54**

**PRESTR CONC I-GIRDERS**

**40° ROADWAY**

**45° SKEW**

**BIG-40-45**