TABLE OF ESTIMATED QUANTITIES
CS-80-28 (30°)

<table>
<thead>
<tr>
<th>Part</th>
<th>No.</th>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BARS A</td>
<td>58</td>
<td>1,858</td>
<td>#8 12'-0&quot; AV</td>
</tr>
<tr>
<td>BARS B</td>
<td>62</td>
<td>13,864</td>
<td>#8 15'-0&quot; AV</td>
</tr>
<tr>
<td>BARS C</td>
<td>50</td>
<td>2,643</td>
<td>#8 29'-9&quot; AV</td>
</tr>
<tr>
<td>BARS D</td>
<td>16</td>
<td>87</td>
<td>#8 4'-0&quot; AV</td>
</tr>
<tr>
<td>BARS G</td>
<td>8</td>
<td>1,331</td>
<td>#5 15'-0&quot; AV</td>
</tr>
<tr>
<td>BARS J</td>
<td>3</td>
<td>7.794'</td>
<td>8'-11&quot; Lap</td>
</tr>
</tbody>
</table>

GENERAL NOTES:
- Reinforcing steel is Grade 60.
- Reinforcing bars shown include one 2'-7" lap splice.
- Reinforcing bars shown include one 1'-30" lap splice.
- See Layout for actual skew direction.
- See standard CS-MD for additional slab details.
- See Layout for expansion joint details.
- Reinforcing shall be Grade 60.
- Provide Class S(HPC) if shown elsewhere in the plans.

TABLE OF ESTIMATED WEIGHTS (30°)

<table>
<thead>
<tr>
<th>Item</th>
<th>Lb</th>
<th>CY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete</td>
<td>28,747</td>
<td>121.0</td>
</tr>
</tbody>
</table>

### TYPICAL TRANSVERSE SECTION

1. Place Bars A between Bars A over Bent (See PLAN for Placement)
2. Intersect Splices over Supports

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**DISCLAIMER:**
The use of this standard is governed by the "Texas Engineering Practice Act." No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for conversion of this standard to other formats or for incorrect results or damages resulting from its use.

**DATE:**
March 2009

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**FILE:**
1.000' Overall
2.000' Roadway
1.000' Appro Slab, End of C Bent
1.500' C Bent
1.500' Breakback
30°00' G (Top) A at 12" Max Spacing
2 Bars T (Top) at 12" Max Spacing = 13'-7"
1 Bars D (Bott) at 6" Max Spacing = 14'-1"

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**NOTES:**
- Provide Class SIMS if shown elsewhere in the plans.
- Rebar Design according to AASHTO LRFD Specifications.
- Reinforcement shall be Grade 60.
- Provide Class S(HPC) if shown elsewhere in the plans.
- Place Bars A between Bars A over Bent (See PLAN for Placement).
- Intersect Splices over Supports.