### Notes to Designer:

1. **Slab Girder Detail Sheets 2 to 4 are intended to be used as is without need for modification for most projects. Project specific girder details are then limited to the girder schedule.**

2. **Zone 1 is intended to be the splitting resistance zone defined by BDM 5.6.2.F. Zone 2 is intended to be the confinement reinforcement zone defined by BDM 5.6.2.G.**

3. **Dimensions in the girder schedule shall be shown to the nearest 1/8" except the "C" dimension which shall be shown to the nearest 1/16".**

4. **Provide a longitudinal #4 in CIP deck inside extended and #9 hooks in addition to the deck reinforcement.**

5. **Maximum skew angle is 30° (60° • («1 or «2)• 20°). This standard is intended to be used with a 5" minimum CIP concrete deck. Modifications are required if this standard is used with an HMA overlay.**

6. **Place a minimum of 2 fully bonded strands in both row 1 and the top row (all 4 corners).**

7. **Place a minimum of 2 fully bonded strands in both row 1 and the top row (all 4 corners).**

8. **Provide a longitudinal #4 in CIP deck inside extended and #9 hooks in addition to the deck reinforcement.**

### Typical Slab Girder Configurations

<table>
<thead>
<tr>
<th>H (In)</th>
<th>P (In)</th>
<th>#</th>
<th>MONF</th>
<th>DIA</th>
<th>ENV</th>
<th>D</th>
<th>MIN. SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>4'-0&quot;</td>
<td>0</td>
<td>1</td>
<td>1/4&quot;</td>
<td>0</td>
<td>2</td>
<td>2 @ 1'-0&quot;</td>
</tr>
<tr>
<td>18&quot;</td>
<td>4'-0&quot;</td>
<td>3</td>
<td>3</td>
<td>3/8&quot;</td>
<td>0</td>
<td>2</td>
<td>2 @ 1'-0&quot;</td>
</tr>
<tr>
<td>24&quot;</td>
<td>4'-0&quot;</td>
<td>2</td>
<td>15.7</td>
<td>0.6&quot;</td>
<td>0</td>
<td>2</td>
<td>2 @ 1'-0&quot;</td>
</tr>
<tr>
<td>30&quot;</td>
<td>4'-4&quot;</td>
<td>2</td>
<td>15.7</td>
<td>0.6&quot;</td>
<td>0</td>
<td>2</td>
<td>2 @ 1'-0&quot;</td>
</tr>
</tbody>
</table>

### Screed Setting Dimensions

For dimension "C" see girder schedule

<table>
<thead>
<tr>
<th>DEG.</th>
<th>SPAC.</th>
<th>FT.</th>
<th>PT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90</td>
<td></td>
<td></td>
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</table>

### Girder Notes

1. **Plan length shall be increased as necessary to compensate for shortening due to prestress and shrinkage.**

2. **All strands shall be 0.6" AASHTO M203 Grade 270 low relaxation strands, jacked to 202.5 KSI (43.94 kips per strand). Strands shall be symmetrical about the girder centerline. Exterior strands in each row shall be fully bonded.**

3. **Space extended strands symmetrically and evenly across girder width. Stagger extended strand locations with respect to girder in adjacent span.**

4. **Debonded strands shall be debonded at each order end for the indicated length parallel to the order centerline. Debonded strands shall not be extended past order ends. Debonded strands shall be symmetrically placed about the order centerline. Debonded lengths of pairs of strands that are symmetrically positioned about the order centerline shall be equal.**

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**NOTES TO DESIGNER:**

**SLAB GIRDER DETAIL SHEETS 2 TO 4 ARE INTENDED TO BE USED AS IS WITHOUT NEED FOR MODIFICATION FOR MOST PROJECTS. PROJECT SPECIFIC GIRDER DETAILS ARE THEN LIMITED TO THE GIRDER SCHEDULE.**

**ZONE 1 IS INTENDED TO BE THE SPLITTING RESISTANCE ZONE DEFINED BY BDM 5.6.2.F. ZONE 2 IS INTENDED TO BE THE CONFINEMENT REINFORCEMENT ZONE DEFINED BY BDM 5.6.2.G.**

**DIMENSIONS IN THE GIRDER SCHEDULE SHALL BE SHOWN TO THE NEAREST 1/8" EXCEPT THE "C" DIMENSION WHICH SHALL BE SHOWN TO THE NEAREST 1/16".**

**PROVIDE A LONGITUDINAL #4 IN CIP DECK INSIDE EXTENDED AND #9 HOOKS IN ADDITION TO THE DECK REINFORCEMENT.**

**MAXIMUM SKEW ANGLE IS 30° (60° • («1 OR «2) • 20°). THIS STANDARD IS INTENDED TO BE USED WITH A 5" MINIMUM CIP CONCRETE DECK. MODIFICATIONS ARE REQUIRED IF THIS STANDARD IS USED WITH AN HMA OVERLAY.**

**PLACE A MINIMUM OF 2 FULLY BONDED STRANDS IN BOTH ROW 1 AND THE TOP ROW (ALL 4 CORNERS).**

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