**GIRDER SCHEDULE**

<table>
<thead>
<tr>
<th>LOCATION OF PLAN</th>
<th>NUMBER OF STRANDS</th>
<th>STRAIGHT STRANDS</th>
<th>MIDSPAN REINFORCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIN. CONC.</td>
<td>TOP</td>
<td>(SEE GIRDER NOTE 2)</td>
<td>TO EXTEND</td>
</tr>
<tr>
<td>FLANGE</td>
<td>(ALONG GIRDER)</td>
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<td>VERTICAL</td>
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**GIRDER END DETAILS**

<table>
<thead>
<tr>
<th>C.G. STRANDS</th>
<th>LENGTH</th>
<th>END 1</th>
<th>END 2</th>
<th>V1</th>
<th>V4</th>
<th>V3</th>
<th>V6</th>
<th>V5</th>
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<tbody>
<tr>
<td></td>
<td>1</td>
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<tr>
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<td>2</td>
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</table>

**PPP CONCRETE DETAILS**

<table>
<thead>
<tr>
<th>END 1 TYPE</th>
<th>END 2 TYPE</th>
<th>28-DAYS F'C (KSI)</th>
<th>28-DAYS F'C (KSI)</th>
<th>RELEASE F'C (KSI)</th>
<th>RELEASE F'C (KSI)</th>
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</thead>
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<tr>
<td></td>
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</table>

**LONGITUDINAL WIRES**

<table>
<thead>
<tr>
<th>UPPER BOUND</th>
<th>LOWER BOUND</th>
<th>END 1</th>
<th>END 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

**GIRDER NOTES**

1. Plan lengths shall be increased as necessary to compensate for shortening due to prestress and shrinkage.
2. All pretensioned strands shall be 0.6"ø AASHTO M203 Grade 270 low relaxation strands, jacked to 202.5 KSI.
3. Cut all strands flush with the girder ends and paint with an approved epoxy resin, except for extended strands as shown.
4. The top surface of the girder flange shall be finished in accordance with Section 6-02.3(25)H of the Standard Specifications.
5. Lifting embedments shall be installed in accordance with Section 6-02.3(25)L of the Standard Specifications. After erected, cut off lifting embedments 1 inch below the top of the flange and fill with an approved grout.
6. Caution shall be exercised in handling and placing girder.
7. Forms for flange and web shall be constructed and fastened in such a manner as to not cause damage to the girder during the strand release operation.
8. All pretensioned strands shall be 0.6"ø Meadowburke MX-3 Hi-Tensile, 1"ø Meadowburke FX-19 ferrule insert, 1"ø x 5½" Williams F22 open ferrule insert, or approved equal.
9. The final profile grade is provided by varying the overlay thickness. Instead, the deformed wire conforming to Section 9-07.8 may be substituted for mild steel reinforced concrete webs. Longitudinal wires for anchorage of welded wire reinforcement shall have an area of 40% or more of the area of the wire being anchored but shall not be less than D4.
10. It is assumed that the final profile grade is provided by the use of an HMA overlay. Use of a 5" CIP concrete deck requires modifications.

**DIAPHRAGMS**

1. All diaphragms shall have the same area and spacing as the mild steel reinforcement that it replaces and the yield strength shall be greater than or equal to 60 KSI.
2. For diaphragms, omit holes and place inserts on the interior face of exterior girders. Place holes and inserts parallel to skew. Inserts shall be 1"ø Meadoukas FX-19 ferrule insert, 1"ø x 4½" Dayton-Superior F-62 flared thin slab ferrule insert or approved equal.
3. The standard is based on the use of an HMA overlay. Instead, the deformed wire conforming to Section 9-07.8 may be substituted for mild steel reinforced concrete webs. Longitudinal wires for anchorage of welded wire reinforcement shall have an area of 40% or more of the area of the wire being anchored but shall not be less than D4.

**DESIGNER’S OBSERVATIONS**

1. The skid details shall be designed to be compatible with the diaphragm details and the concrete overlay.
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**SHIPPING AND HANDLING DETAILS**

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