## Bridge Sheet

### Girder Schedule

<table>
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<tr>
<th>Girder</th>
<th>Top Flange Width</th>
<th>Plan Length</th>
<th>Order Details</th>
<th>Number of Strands</th>
<th>Location of O.C.</th>
<th>Straight Strand to Extend</th>
<th>MIDSPAN Vertical Deflection</th>
<th>Reinforcement Details</th>
<th>Shipping and Handling Details</th>
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**NOTES TO DESIGNER:**

1. WFDG GIRDER DETAIL SHEETS 2 TO 5 ARE INTENDED TO BE USED AS IS WITHOUT NEED FOR MODIFICATION FOR MOST PROJECTS WHERE GIRDERS CAN BE SET NORMAL TO THE ROADWAY SURFACE WITH A MAXIMUM CROSS SLOPE OF 2%. 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 "A" EXCEPT THE "A" DIMENSION WHICH SHALL BE SHOWN TO THE NEAREST "A".

4. THE NUMBER OF HARPED STRANDS SHOULD NOT EXCEED HALF THE NUMBER OF STRAIGHT STRANDS UNLESS THE STRAIGHT STRAND PATTERN IS FULL.

5. MINIMUM WIDTH "W" SHALL BE 8'-0" TO ALLOW FOR INSPECTION ACCESS. MAXIMUM WIDTH "W" SHALL BE 8'-0".

6. END HARPED STRANDS EXIT GIRDERS END BELOW BLOCKOUT FOR END TYPE B.

7. GIRDER END SKEW IS LIMITED TO 30°.

8. IT IS ASSUMED THAT PROFILE GRADE MATCHING IS ACHIEVED BY VARYING THE TOP FLANGE THICKNESS. VARIATION IN OVERLAY THICKNESS COULD ALSO BE CONSIDERED.

9. THE DESIGNER SHALL MODIFY THE TOP FLANGE REINFORCING AS REQUIRED FOR ROADWAY DECK DEMANDS.

### Top Flange Thickness, Tf

<table>
<thead>
<tr>
<th>Girder</th>
<th>R/O, 10TH PT</th>
<th>0.1</th>
<th>0.2</th>
<th>0.3</th>
<th>0.4</th>
<th>0.5</th>
<th>0.6</th>
<th>0.7</th>
<th>0.8</th>
<th>0.9</th>
<th>E REG</th>
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GIRDER NOTES:

1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.

2. ALL PRETENSIONED AND TEMPORARY STRANDS SHALL BE 0.6" AASHTO M203 GRADE 270 LOW RELAXATION STRANDS, JACKED TO 202.5 KSI (43.94 KIPS PER STRAND).

3. STRUCTURAL STEEL SHAPES AND ASSEMBLIES SHALL BE ASTM A36. THEY SHALL BE PAINTED WITH A PRIMER COAT IN ACCORDANCE WITH STD. SPEC. 6-07.3(9). WELD TIES SHALL BE PAINTED WITH A FIELD PRIMER COAT OF AN ORGANIC ZINC PAINT AFTER FIELD WELDING.

4. THE ENTIRE TOP SURFACE OF GIRDERS SHALL BE TEXTURED IN ACCORDANCE WITH 6-02.3(25)H.