PSI_07_NU_Bars  Guidance & Alternate Details

Standard Drawing Guidance (do not show on plans)

- Choose one of the 4 details for the top flange blockout detail and follow the provided detail guidance. For 0° to 7° skew, remove G6 bars from bill of reinforcing.

<table>
<thead>
<tr>
<th>Skew Angle</th>
<th>Bar Lengths</th>
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</thead>
<tbody>
<tr>
<td>&gt;0° to 7°</td>
<td>G3 bar = 84.3</td>
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<tr>
<td>&gt;7° to 14°</td>
<td>G3 bar = 84.3</td>
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<tr>
<td>&gt;14° to 60°</td>
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</tbody>
</table>

The left advanced details shown may be used for right advanced bridges. May remove note if left advanced.

- Blockout shall be dimensioned along the girder to 1 1/2 inches inside the face of the diaphragm and adjusted for girder tilt if present.
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Rotate 180° for right ext. skew remove G6 bars from bill of reinforcing. detail and follow the provided detail guidance. For 0-7° girder tilt if present.

- The overall height of the WWR5 shall not be increased for girder steps. Reduce this dimension by the accumulated girder step height.
- Remove if #5-B1 bars are used.
- Indicate deboned for x'-0" from end of girder.
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- Strands are not typically debonded for NU girders, but if required by design, add symbols to End of Girder section of detail. Add debonded symbol to G6 bars as "Varies".
- Indicate deboned for Nu 35, 43 & 53. Indicate two more strands for Nu 63, 70 and 78.

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- Actual length of B1 bars:
  - NU 35/43/53/63/70/78:
    - #1: 4'-11" G3 bar = 84.3
    - #2: 5'-3" G3 bar = 84.3
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