### Bridge Design Engr.

**Supervisor Designed By Checked By**

**Detailed By**

**Bridge Projects Engr. Prelim. Plan By Architect/Specialist REVISION DATE**

**DATE SR JOB NO. SHEET JOB NUMBER**

**STATE FED. AID PROJ. NO. APPLIED BY W50G GIRDER DETAILS 2 OF 2**

**Tue Jul 07 12:51:50 2020**

**M:\STANDARDS\Girders\W\W50G\W50G2.man**

#### GIRDER SCHEDULE

**DIMENSION "A" AT E BEARINGS**

**BASED ON GIRDER DEFLECTION = "D" AT TIME OF SLAB PLACEMENT (120 DAYS)**

<table>
<thead>
<tr>
<th>SPAN</th>
<th>END TYPE</th>
<th>L</th>
<th>L1</th>
<th>L2</th>
<th>B1/ (deg.)</th>
<th>B2/ (deg.)</th>
<th>Fp</th>
<th>PLAN LENGTH ALONG GIRDER GRADE</th>
<th>HARPED STRAIGHT</th>
<th>LOCATION OF C.O. STRANDS</th>
<th>E</th>
<th>P</th>
<th>F</th>
<th>Ps</th>
<th>P0</th>
<th>D</th>
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#### STRAND PATTERN AT GIRDER END

Harped strand location sequence shall be as shown (1), (2) etc.

#### STRAND PATTERN AT & SPAN

Straight strand location sequence shall be as shown (1), (2) etc.

#### STRAND EXTENSION DETAIL

1/4" MIN. STRAND CHUCK OR ASTM A108 2 3/8" x 1 1/2" STRAND ANCHOR.

#### SAWTOOTH DETAILS

#### PLAN

- **BEARING RECESS AND BOTTOM FLANGE SPALL PROTECTION**

#### ELEVATION

**NOTES:**

1. **EXTEND STRAIGHT STRANDS (3) THROUGH (6) AT END HEAD ON STATION.**
2. **ANCHOR STRAND WITH WEDGES BEFORE GIRDER ERECTION.**
3. **SAWTOOTH ARE FULL WIDTH - USE SAWTOOTH KEYS FROM BOTTOM OF BOTTOM FLANGE TO BOTTOM OF LOWEST HARPED STRAND AS WELL.**
4. **L AND L1 ARE SUPPORT LOCATIONS AT LEADING AND TRAILING ENDS, RESPECTIVELY.**