### TYPICAL SAG SECTION - TYPE 1 & 2 FENCES

#### TYPE 1

- Dimensions not labeled are in millimeters.
- Furnish either zinc coated (galvanized) or aluminum coated steel barbed wire. Fabricate zinc coated barbed wire from two strands of 2.51 mm steel wire with a Class 1 zinc coating and 2 points or 4 point bars of 2.03 mm zinc coated wire.
- Fabricate aluminum coated barbed wire from two strands of 2.51 mm aluminum coated steel wire with 4 point bars of 2.03 mm aluminum coated or aluminum alloy wire.

#### TYPE 2

- Furnish either zinc coated (galvanized) or aluminum coated steel wire fence fabric. If zinc coated fabric is furnished, use Grade 60 fabric with a Class 3 coating.
- Furnish 3.05 mm tie wire or wire clamps for fasteners on metal posts and 3.76 mm by 40 mm long wire staples for wood posts. Galvanize wire stays, tie wire, wire clamps, and wire clamps with a Class 1 zinc coating according to ASTM A 692.
- Furnish either pointed or galvanized steel fence posts for tee, channel, or U bar shapes. Furnish galvanized steel round pipe or steel angle for posts and braces. Fit round pipe posts with snug-fitting galvanized metal caps. Fabricate steel line posts and angles from Type A steel according to AASHTO M 281. Fabricate steel pipe posts and braces according to AASHTO M 60.
- Furnish Douglas fir, Western red cedar, Hemlock or Larch for fence posts, brace rails, and wood stays. Treat the posts and brace rails with creosote, pentachlorophenol, ACA, or TCA, Type I, A, B, or C.

### POST DIMENSIONS

<table>
<thead>
<tr>
<th>MEMBER</th>
<th>WOOD</th>
<th>SQUARE</th>
<th>STEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Diag. of small end (mm)</td>
<td>SIZE nominal</td>
<td>SHAPE</td>
</tr>
<tr>
<td>Line post</td>
<td>25</td>
<td>75x75</td>
<td>Ten, channel or U-bar</td>
</tr>
<tr>
<td>Brace</td>
<td>150</td>
<td>150x50</td>
<td>Round pipe</td>
</tr>
<tr>
<td>Other posts</td>
<td>150</td>
<td>150x50</td>
<td>Round pipe</td>
</tr>
<tr>
<td></td>
<td>Angle</td>
<td>6.37</td>
<td>55x5x4.4 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6.05</td>
<td>64x6x4.4</td>
</tr>
</tbody>
</table>

### END, GATE OR CORNER BRACE

#### STEEL POSTS

- 24 m post spacing
- 1.6 m

#### LINE BRACE

- 24 m post spacing
- 1.6 m

#### WOOD POSTS

- 2.4 m post spacing
- 1.6 m

### END PANEL UNITS

- 6 or less wood
- 6 or more

### METRIC DETAIL

- WASHINGTON DETAIL
- U.S. DEPARTMENT OF TRANSPORTATION
- WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
- WESTERN FEDERAL LANDS HIGHWAY DIVISION

### DETAIL A

- Wood brace rail
- Wood post
- M1 x 100 mm steel dowel

### NO SCALE