### WATTLE SPACING INTERVALS

<table>
<thead>
<tr>
<th>Slope Ratio (H:V)</th>
<th>Maximum Spacing Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:1</td>
<td>10'</td>
</tr>
<tr>
<td>3:1</td>
<td>20'</td>
</tr>
<tr>
<td>4:1</td>
<td>30'</td>
</tr>
<tr>
<td>5:1</td>
<td>40'</td>
</tr>
<tr>
<td>6:1</td>
<td>40'</td>
</tr>
</tbody>
</table>

**Notes:**
1. Top row shell not to be placed within 6'-0" of edge of pavement and 9'-0" from outside surface of barrier.
2. For erosive soils, place rows of wattles closer together.
3. For soils with low erosion potential, place rows of wattles further apart.

### SECTION (INTS)

- Stake Lengths: 2'-4" for 9' Dia. Wattle, 3'-3" for 20' Dia. Wattle

### SEDIMENT WATTLE STAKING DETAIL (INTS)

- 1x1" Hardware Stake
- Sediment Wattle 9" or 20" Diameter
- Auger Nut or Tiltage May Be Required For Proper Stake Depth

### SEDIMENT WATTLE LAYOUT DETAIL (INTS)

- Prior to Wattle Installation, Rip 6'-12" with furrows left parallel to new slope contours created during soil tilting

### SEDIMENT WATTLE OVERLAP DETAIL (INTS)

- Abut Wattle Ends Tight, No Gaps, Wood Stake To Penetrate Wattle Only

### NEW SHOULDER BUIILDUP ** PROTECTION SECTION (INTS)

**NOTES:**
1. Install Sediment Wattles as slopes are constructed to grade or as directed by the Engineer. Select, install and maintain in accordance with published specifications to meet site conditions for slope protection and in accordance with good engineering practices. No Sediment Wattle shall be installed in urban freeway medians, or where cable barrier systems are employed.
2. Sediment Wattle will be in contact with trench bottom and sides. Do not overlap wattle ends on top of each other. A 20' Dia. wattle may be made from 2-3 rolled excelsior or straw bales.
3. Butt adajusting wattles tightly against each other. Drive the first and stake of the second wattle at an angle toward the first wattle to help abut them tightly.
4. Repair any Cal or griss damage promptly. Make field adjustment and corrections of wattle CM/EMs immediately if it is causing flooding, erosion, or affecting roadway safety.
5. Construction of cut slopes 2:1 and steeper in soil and rock materials that can be ripped shall be constructed, wherever possible, by Whitfilling. Ref to Slope Whitfilling CM/EM Detail.
6. Lossening surface soil is not required where Whitfills are used. For sealed areas, Tillage shall be performed to form minor ridges and furrows parallel to new slope contours and as specified in Section 826 of the Specifications and project specific provisions.
7. Divert and direct run-on water from outside of the slopes to the swales and/or rock riprap/rock muck. Deterent dikes and/or ditches are necessary on natural undisturbed slopes beyond the tips limits of new slopes to divert run-on water.
8. Installation and maintenance of Sediment Wattle CMs/EMs shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities.
9. Install and maintain Sediment Wattle CMs/EMs to carry the stormwater of at least 2-year, 24-hour events.
10. The Sediment Wattle CM/EM's payroll item shall include all materials used for this CM/EM except ground preparation, furnishing, installing, maintenance, final removal, and disposal of this temporary CM/EM, as well as removing the area to an acceptable condition as approved by the Engineer.
11. Refer to Specification Section BIO-2.06(1) for Sediment Wattle material specifications.
12. Make field adjustments and corrections to ensure NO sensitive biological resources native species/habitats will be adversely impacted.