NOTES

V = W shall not exceed 39 (990). When V is 0 to 15 (380), W = 24 (610), and posts shall be shortened as required. When V exceeds 15 (380), W shall be shortened correspondingly.

T = 15 (380) when U is 33 (840) or less. When U exceeds 33 (840) the impervious material shall be removed and the standard anchor shall be used.

Timber blocks shall be nailed to each wood post on the concave side of curve for curves having a radius of less than 600' (180 m).

GENERAL NOTES

The Engineer will determine the stability of the impervious material for anchoring.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V/H).

All dimensions are in inches (millimeters) unless otherwise shown.

<table>
<thead>
<tr>
<th>Item</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post</td>
<td>3x4x6x6</td>
</tr>
<tr>
<td>Block</td>
<td>2x12x18</td>
</tr>
<tr>
<td>Rail</td>
<td>2x8</td>
</tr>
<tr>
<td>Spacer</td>
<td>24x9x15</td>
</tr>
</tbody>
</table>

VIEW X-X

Typical Wood Materials

CABLE ROAD GUARD

SINGLE STRAND

STANDARD 636001-02
**TYPICAL STEEL MATERIALS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post</td>
<td>S305x100x200x200</td>
</tr>
<tr>
<td>Bottom plate</td>
<td>S75x5x8.5</td>
</tr>
<tr>
<td>Side plate</td>
<td>6x24x1000</td>
</tr>
<tr>
<td>Brace</td>
<td>L 4x3x1000</td>
</tr>
<tr>
<td>Hook</td>
<td>L 300x76x9.5</td>
</tr>
</tbody>
</table>

**VIEW Y-Y**

- **END ANCHOR ARRANGEMENT**
- **INTERMEDIATE ANCHOR ARRANGEMENT**
- **DEAD END ANCHOR ARRANGEMENT**

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**CABLE ROAD GUARD**

**SINGLE STRAND**

**STANDARD 636001-02**

Illinois Department of Transportation

January 1, 2009

ENGINEER OF POLICY AND PROCEDURES

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**DETAIL R**

**Y**

**DETAIL M and N**

**ANGLE BRACE**

**POST ANCHOR**

**CABLE END**

**END POST**

**HYDRAULIC RAM**

**STEEL POST**

**STEEL PLATE**

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**DETAIL M**

**CABLE END**

**END POST**

**HYDRAULIC RAM**

**STEEL POST**

**STEEL PLATE**

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**DETAIL M and N**

**CABLE END**

**END POST**

**HYDRAULIC RAM**

**STEEL POST**

**STEEL PLATE**

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**DETAIL M**

**CABLE END**

**END POST**

**HYDRAULIC RAM**

**STEEL POST**

**STEEL PLATE**

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CAST IN PLACE DEADMAN

STEEL SCREW

ALTERNATE - ANCHORS

CABLE END

CABLE SPLICE

POST ANCHOR

PLATE C

PLATE E

DETAIL H

DETAIL J

DETAIL K

DETAIL L

PLATE B

PLATE D

DETAIL M

DETAIL N

DETAIL P

DETAIL R

STEEL SCREW

CABLE ROAD GUARD

SINGLE STRAND

(STANDARD 636001-02)