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NOTE:
1. See Sheet 1 of 2 for terminal layout.
2. Use zinc rich paint to coat field drilled holes.
3. Anchor plate and hardware are typical on top rail of Posts 1-3 and rub rail at Post 4.

SPECIAL RAIL TO POST CONNECTION
AT POSTS 1, 2, AND 3

STEEL PLATE AND WASHER
See Note 3

GALVANIZED SQUARE WASHER
MGS W-Beam Guardrail, Back Slope Anchor Terminal Type MGS-BAT

General Information

**Appropriate Applications.**
- In areas of cut sections, or where the road is transitioning from cut to fill, the back slope anchor terminates a W-beam guardrail installation by burying the end into a slope.

<table>
<thead>
<tr>
<th>Crash Test Criteria</th>
<th>MASH</th>
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<tbody>
<tr>
<td>Test Level</td>
<td>TL-3</td>
</tr>
<tr>
<td>FHWA Eligibility Letter</td>
<td>None available</td>
</tr>
<tr>
<td>TF 13 Designator</td>
<td>Not posted</td>
</tr>
<tr>
<td>Crash Test Report</td>
<td>TTI report 608431-01-1&amp;2</td>
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**Limitations.** Need a steep, natural backslope (1V:3H or steeper) to bury the terminal into, and a 1V:4H or flatter foreslope.

**Layout Guidance.**
- See AASHTO *Roadside Design Guide*, Section 8.3.6.1
- Carefully review the site, especially the foreslope, backslope, and ditch configuration. Verify onsite drainage needs can be met.

**Applicable SCRs**
- Section 563 (if weathering agent applied to galvanized elements)
- Section 617
- Section 710
- Section 725 (if weathering agent applied to galvanized elements)

**Typical Pay Item Used**
- 61702-1700 Terminal section, type MGS-BAT [EA]

**Updates**
- February 2019
  - New Detail drawing
- April 2020
  - Revised LON point, note 2, added rail height callouts, revised steel post callouts