NOTE:
1. For details of the wood block-out, post notch, and general notes for Steel-Backed Log Guardrail, see Detail C617-81.

STEEL RAIL
6" x \( \frac{3}{8} \)" x 6'-9"

STEEL SPLICE PLATE
6" x \( \frac{3}{8} \)" x 2'-6"

PLATE WASHER
\( \frac{1}{4} \)" thick
General Information
- All graphics and text will be in the sheet model.
- **Appropriate Applications.**
  Steel-backed timber (SBT) guardrail is an aesthetic roadside barrier.

<table>
<thead>
<tr>
<th>Crash Test Criteria</th>
<th>NCHRP 350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Level</td>
<td>TL-2</td>
</tr>
<tr>
<td>FHWA Eligibility Letter</td>
<td>B-64D2</td>
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<tr>
<td>TF 13 Designator</td>
<td>Not posted</td>
</tr>
<tr>
<td>Crash Test Report</td>
<td>Not available</td>
</tr>
</tbody>
</table>

- **Limitations.**
  This connection is for low-speed roadways.
  Need additional embankment width to accommodate width of guardrail installation.

- **Layout Guidance.**
  See AASHTO Roadside Design Guide
  Use the FLH Barrier Length of Need Calculator available at
  [https://flh.fhwa.dot.gov/resources/design/tools/Barrier-LON.xlsx](https://flh.fhwa.dot.gov/resources/design/tools/Barrier-LON.xlsx)

**Applicable SCRs**
- None

**Typical Pay Item Used**
- 61701-4400 Guardrail system SBLG [LNFT]

**Updates**
- **February 2019**
  - New Detail drawing
- **September 2021**
  - Updated for OpenRoads Designer