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

General Information

**Appropriate Applications.**
- Steel-backed log (SBL) guardrail is an aesthetic roadside barrier.

<table>
<thead>
<tr>
<th>Crash Test Criteria</th>
<th>NCHRP 350</th>
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<tr>
<td>Test Level</td>
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<td>FHWA Eligibility Letter</td>
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<td>TF 13 Designator</td>
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<td>Crash Test Report</td>
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</table>

**Limitations.**
- Use only on 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