No Wearing Surface

Guideline: Do not show on plans.

Substitute alternate plan for skewed structures.

Modify details as needed to suit your structure.

Use with BEM01-2 & BEM01-3 (Bill of Reinforcing Steel).

Estimated Quantities

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Barrier End Modification</td>
</tr>
<tr>
<td>(2)</td>
<td>All reinforcement in barrier end modification shall be epoxy coated.</td>
</tr>
<tr>
<td>(3)</td>
<td>Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete.</td>
</tr>
<tr>
<td>(4)</td>
<td>Cost of removing existing barrier concrete, and cost of furnishing and installing new concrete, new reinforcing steel, and any other work incident to the barrier end modification, except for those work items required to be completed covered by the contract unit price for Barrier End Modification.</td>
</tr>
</tbody>
</table>

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Unit Stresses:
Class B2 Concrete f'c = 4,000 psi
Reinforcing Steel (Grade 60) fy = 60,000 psi

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

BARS BONDED IN EXISTING CONCRETE NOT REMOVED SHALL BE CLEANLY STRIPPED AND EMBEDDED INTO NEW CONCRETE WHERE NOT COVERED WITH NEW CONCRETE.

The area exposed by the removal of concrete and not covered with new concrete shall be coated with a qualified special mortar in accordance with Sec. 704.

Cost of removing existing barrier concrete, and cost of furnishing and installing new concrete, new reinforcing steel, and any other work incident to the barrier end modification, except for those work items required to be completed covered by the contract unit price for Barrier End Modification.