### Table 9.2-1 Deck Protection

<table>
<thead>
<tr>
<th></th>
<th>STATE OWNED</th>
<th>LOCALLY OWNED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>METRO⁺</td>
<td>RURAL</td>
</tr>
<tr>
<td>REINFORCING</td>
<td>Epoxy Steel, Top and Bottom Mats</td>
<td>Epoxy Steel, Top and Bottom Mats</td>
</tr>
<tr>
<td>DECK THICKNESS</td>
<td>8½&quot; Single Course</td>
<td>8½&quot; Single Course</td>
</tr>
<tr>
<td>CONCRETE COVER</td>
<td>3&quot; Top, 1½&quot; Bottom</td>
<td>3&quot; Top, 1½&quot; Bottom</td>
</tr>
<tr>
<td>CONCRETE PERMEABILITY</td>
<td>Moderate Permeability Concrete</td>
<td>Standard Permeability Concrete</td>
</tr>
<tr>
<td>CONCRETE BID ITEM</td>
<td>Concrete (Grade 4,00) (AE) (SA) (MPC)</td>
<td>Concrete (Grade 4,00) (AE) (SA) (MPC)</td>
</tr>
<tr>
<td>SURFACE TREATMENT</td>
<td>Bridge Deck Grooving</td>
<td>Bridge Deck Grooving</td>
</tr>
<tr>
<td>OVERLAY</td>
<td>Multi-Layer Polymer Concrete Overlay</td>
<td>None</td>
</tr>
</tbody>
</table>

* "Metro" is defined as being located within the Kansas City, Wichita or Topeka Metropolitan Planning Organization Boundaries.

¥ To be determined at Field Check stage in consultation with the Area Engineer. If Multi-Layer Polymer Concrete Overlay is specified, then Bridge Deck Grooving is not required.

Χ At the discretion of the bridge owner

(SW) = Structural Concrete with select course aggregate for Wear.
(AE) = Air Entrained
(SA) = Structural Concrete with select course aggregate for Wear and Absorption.
(MPC) = Moderate Permeability Concrete
Use special aggregate for all concrete placed with the superstructure concrete and/or concrete above the bridge seats.