1. Concrete parapet is concrete class 40AF.
2. Construct parapet so that the outside face is perpendicular to the roadway slope, height controls, is at the inside traffic face.
3. Parapet will be cast-in-place, slip forming will not be allowed.
4. When a deck overlay is specified, complete parapet construction prior to placing the deck overlay.
5. Install reinforcement bars R1~#5, R3~#5 & R1~#5 before abutment, wing wall, or deck slab concrete is placed.
6. Space intermediate parapet dummy joints uniformly throughout the length of the bridge. Locate a dummy joint at every pier where the deck slab is continuous. Provide intermediate parapet joint spacing not less than 8'.
7. Provide knee, star-nose, or Richmond rocket threaded inserts or approved equal. Install as indicated on detail drawings or as directed by the engineer.
8. See roadway plans for location of Delimiters, if required.
9. The following items are included in the bid item "Concrete Parapet":
   - Concrete and all reinforcing steel shown on this sheet.
   - All parapet reinforcement bars are to be epoxy coated in accordance with subsection 708.02.
10. Place parapets after falsework or overhanging deck forms have been released and as long after superstructure construction as the progress of the work will permit.
11. Adjust height of parapet to compensate for the camber and load deflection of the superstructure. The amount of adjustment will be determined by the contractor and approved by the engineer.
12. Construct end face, expansion joints and dummy joints perpendicular to the roadway grade.
13. Place parapet in the same sequence as the deck placement.
14. Water cure the concrete surface of the parapet in accordance with subsection 500.03.
15. Provide 1½" minimum concrete cover measured from face of concrete to the face of any reinforcing bar unless noted otherwise.
16. See date panel sheet for details.

* Adjust concrete and reinforcement quantities if a wearing surface is applied during initial bridge construction and increase height of 3" lip of parapet to match wearing surface thickness.

### APPROXIMATE PARAPET QUANTITIES

<table>
<thead>
<tr>
<th>Item</th>
<th>Concrete</th>
<th>Reinforcement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.07 CF/lf</td>
<td>27.5 lb/lf</td>
<td></td>
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</tbody>
</table>

### BRIDGE PLANS

- **Bridge Info Manual Page B1A**: 32" Concrete Parapet with Thru Beam Rail
- **Bridges Plans Page A1A**: Without Approach Slab