

BRIDGE DESIGN STANDARD PRACTICES

The following standard practices were established by the Bridge Design Standard Practices Committee in a meeting held on July 18, 1995. They are distributed by Consulting Engineers General memorandum 95-9.

1. **Cross Slope Breaks on Bridge Decks**

Generally, for new and rehabilitated bridges, deck cross slopes shall exactly match the approach roadway. Exception may be granted to accommodate special conditions.

2. **Granite Curb on Sidewalks**

Generally, granite curb will not be used at sidewalk curbs except when required by local authorities. Details for both conditions will be provided in upcoming Bridge Manual revisions.

3. **Combinations and Pedestrian Rail**

Parapets on sidewalks in locations where protective fence is not required shall be provided with an aluminum pedestrian rail, details of which will be developed by the Bridge Design Unit. This parapet and rail will have a total height of 42". Until details of this pedestrian rail are developed, a standard aluminum traffic rail may be mounted on sidewalk parapet and the parapet height modified such that the total height is 42". Where a bridge has a sidewalk on one side only, the same railing shall be provided on the traffic side parapet. On designated bicycle route only, a higher rail shall be provided as specified by AASHTO.