Section B-B
Railing Post Anchor Plate

Section C-C
Railing Post Base Plate

Section D-D
Soil Post Detail for Pedestrian
Bridge Railing (Four Rail)

Section E-E
Soil Post Detail for Bicycle
Bridge Railing (Five Rail)

Notes:

- All rails are to be fabricated and erected so that the rails are parallel to each other and to the grade, the posts are to be truly vertical.

- When the railing is to be placed on a preformed surface, the base plate may be formed to the shape or may be repositioned to the post and base level by the use of the rails elements to some extent.

- Rail line steel rails and posts have anchor plates, carriage bolts, base plate to be used as defined above. Any necessary drilling of anchor plates shall be performed by designers.

- After the anchor bolts have been placed, the bolts shall be aligned in the direction of the design. The bolts shall be cut off 1' above the top and the threads shall be damaged so the nut shall not back off.

- Rails shall span a minimum of 2 posts, except at the end of the bridge where the rail may span a minimum of 3 posts.

- Rail components are to be galvanized in accordance with the material specification T-71-5-0.

- Prior to galvanizing, all sharp edges shall be rounded to a minimum radius of 1/64". Cement mortar pads shall be used for the base plate.

- Railing components are to be galvanized in accordance with the material specification T-71-5-0.

- For location of sections B-C, C-C, and D-D, see details and figures.

- For location of sections B-D and C-C, see details and figures.