The fence to be used on this project shall be type __ as shown in Typical Sections.

All bolts shall be high strength (ASTM F3125 Grade A325).

Threaded inserts and bolt threads shall not be galvanized or coated. Caps or end caps never galvanized pipe shall conform to ASTM F425 (Grade A250).

Electrode conductor, typ. see detail

Electrode conductor, typ. see detail

Not to scale
NOTES TO DESIGNER:

See Part 2 of this manual, Chapter 30: Fencing (Pedestrian).

Use this standard when CPSR railing without sidewalk are used on project.

Where protection greater than that afforded by Type B is desired, Type C (curved fencing) may be specified. Type C shall not be used when CPSR railing serves as a traffic barrier.

The limits of the pedestrian fence are to be designated in the bridge plans, normally title sheet.

The District Structure and Bridge Engineer should be consulted before specifying fence material (and color if vinyl coated) to be used.

Design Loads:

- Weight of fence: Type B: 29 lbs. per lin. ft. of fence
- Type C: 31 lbs. per lin. ft. of fence

- Wind effect (exposed area): Type B: 2.6 sq. ft. per lin. ft. of fence
- Type C: 3.0 sq. ft. per lin. ft. of fence

For projects with initial bituminous overlay, modify details so that curb dimension shown to roadway surface will be established from top of overlay.

ADD THE FOLLOWING NOTES, DIMENSIONS, DETAILS, ETC. TO STANDARD:

NOTES:

Complete the following notes:

“The fence on this project shall be Type ______ as shown in section.” (Specify type B or C).

“Chain link fabric, posts, rails and other associated hardware shall be ______.”. (Note: Designer must specify color and vinyl coated steel or galvanized steel).

ELECTRICAL CONTINUITY FOR VINYL COATED STEEL PEDESTRIAN FENCE:

Remove this detail if vinyl coated steel fence is not used.
PEDESTRIAN FENCE DETAILS
FOR CPSR SERIES RAILING
WITHOUT SIDEWALK

ADD THE FOLLOWING NOTES, DIMENSIONS, DETAILS, ETC. TO STANDARD: (cont’d.)

ELECTRICAL CONTINUITY (On Open Joint):
Remove this detail if there is no open joint in bridge railing or vinyl coated steel fence is not used.

MECHANICAL LUG DETAIL:
Remove this detail if vinyl coated steel fence is not used.