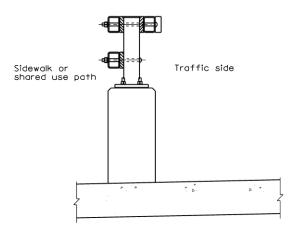


## **42" CPSR RAILING**

### CPSR-2

# **NOTES TO DESIGNER:**

This railing as detailed is for use as a traffic barrier to separate a pedestrian or bicycle facility from traffic. The railing has a height of 3'-6" and is used for Adjusted Test Level TL-4 for MASH criteria. The standard may be used when an open railing is required. If architectural treatment is required, use standard CPSR-2-AT.



CPSR-2

The rail connections and notes (Standard CPSR-3) and the appropriate terminal wall standard from CPSRT-1 thru CPSRT-4 are to be included in the plans when using this standard.

If an initial bituminous overlay is used on the bridge at the time of construction, vertical dimensions and dimensions for reinforcing steel need to be adjusted. The dimensions shown are established from the top of roadway surface. Therefore, for example if a 1" overlay at the roadway surface is set, the 2'-0" dimension and overall 3'-6" height of the rail would need to be adjusted to 2'-1" and 3'-7" respectively (Section B-B) and the 2'-0" dimension in Section A-A would have to be adjusted to 2'-1".

It is the Contractor's responsibility to determine the number of reinforcing bars required as well as any details or dimensions. Therefore, these items are to be left blank in the Reinforcing Steel Schedule except as instructed under Reinforcing Steel Schedule on next sheet.

PART 3

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## **42" CPSR RAILING**

#### CPSR-2

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

### SECTION A-A:

Modify vertical dimension (2'-0") as noted above if an initial overlay is used on bridge.

### **SECTION B-B:**

Modify vertical dimensions (2'-0" and 3'-6" railing height) as noted above if an initial overlay is used on bridge.

## NOTES:

Complete corrosion resistant reinforcing steel note by adding Class I or III. For additional information on corrosion resistant reinforcing steel (CRR), see Structure and Bridge Division Instructional and Informational Memorandum (current IIM-S&B-81).

Complete sheet no. for terminal wall.

The District Bridge Engineer decides if the metal surfaces are to be only galvanized, or galvanized and then coated.

## If galvanized only, delete the last 2 notes, which are:

After galvanizing, all exposed surfaces, including all hardware (except hardware attaching the post base plates), shall be powder coated in accordance with the Special Provision for Powder Coated Galvanized Material. Finished color shall be brown, Federal Standard Color No. 595-20059.

After railing installations are completed, galvanized hardware used in the attachment of post base plates shall be field coated using System F. The coating shall match the specified railing color.

#### If coated:

- Keep the coating notes (the last 2 notes) on the standard. The finished color is not to be changed unless approved by the DBE.
- Contact Engineering Services to obtain the Special Provision for Powder Coated
   Galvanized Material to be included in the contract.

### REINFORCING STEEL SCHEDULE:

Add dimensions and length for rebar RG0401 and RG0402.

# **TITLE BLOCK:**

Replace standard designation with plan number.

STANDARD CPSR-2: NOTES TO DESIGNER

PART 3
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