

CAST-IN-PLACE CONCRETE PARAPET F-SHAPE

TERMINAL WALL ON SUPERSTRUCTURE WITH FULL INTEGRAL OR SEMI-INTEGRAL ABUTMENT

NOTES TO DESIGNER:

The F-shape parapet has a height of 2'-8" and has been crash tested for TL-4 (TL = test level). It is used as the normal traffic barrier unless an open rail is required.

Terminal wall is detailed on superstructure. Standard is used with full integral or semi-integral abutment.

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 the roadway surface. Therefore, for example if a 1" overlay at the curb is set, the 3" curb dimension and the overall 2'-8" height of the parapet would need to be adjusted to 4" and 2'-9" respectively (Section A-A). In addition, all height dimensions of bolt locations in relation to top of deck slab need to be adjusted by 1" (Section E-E).

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.

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

SECTION A-A:

Modify vertical dimensions (3" curb and 2'-8" parapet height) so that these dimensions will be established from top of overlay surface as noted above.

SECTION E-E:

Modify vertical dimension 8½" and the range (1'-9¾" min. – 1'- 10¾" max.) for bolt locations so that these dimensions will be established from top of overlay surface as noted above.

REINFORCING STEEL SCHEDULE:

Modify steel rebars if needed due to slab depth, cross slope, or initial overlay if used on bridge.

NOTES:

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

Complete sheet no. for details of integral abutment.