

32" CAST-IN-PLACE CONCRETE PARAPET (F-SHAPE)

TERMINAL WALL ON ABUTMENT U-BACK WING

NOTES TO DESIGNER:

The F-shape concrete parapet has a height of 2'-8" and is used for Adjusted Test Level TL-3 for MASH criteria. It is to be used as the normal traffic barrier unless an open rail is required. If architectural treatment is required, use standard BPB-3A-AT.

Terminal wall is detailed on abutment U-back wing.

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 D-D).

It is the Contractor's responsibility to determine the number of reinforcing bars required as well as any other details or dimensions (for example, the length of the RL04-series bars) for installation. Therefore, the remainder of the Reinforcing Steel Schedule including the number of bars required is to be left blank by the designer.

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 D-D:

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:

For projects with bituminous overlay, modify rebar lengths to allow for dimension changes.

NOTES:

Complete corrosion resistant reinforcing steel note by adding Class I, II 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).

TITLE BLOCK:

Replace standard designation with plan number.

32" CAST-IN-PLACE CONCRETE PARAPET (F-SHAPE)

TERMINAL WALL ON ABUTMENT U-BACK WING

NOTES TO DESIGNER:

The F-shape concrete parapet has a height of 2'-8" and has been crash tested for TL-4 (TL = test level). It is to be used as the normal traffic barrier unless an open rail is required. If architectural treatment is required, use standard BPB-3A-AT.

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STANDARD BPB-3A: NOTES TO DESIGNER

PART 3
DATE: 24Oct2013
SHEET 2 of 2
FILE NO. BPB-3A-2