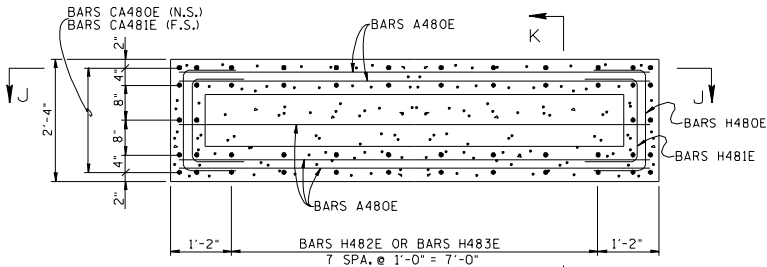
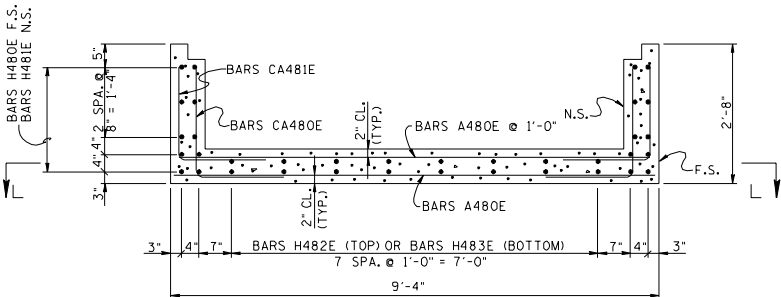


NOTE: AFTER ALL FABRICATION IS COMPLETE, THE GRATE ASSEMBLY SHALL BE ZINC COATED AS SPECIFIED BY ASTM A-123 SPECIFICATIONS FOR HOT-DIP GALVANIZED COATINGS. COATING THICKNESS SHALL BE AS SPECIFIED IN TABLE FOR MATERIAL 1/4" AND OVER. (2.3 oz/FT²).

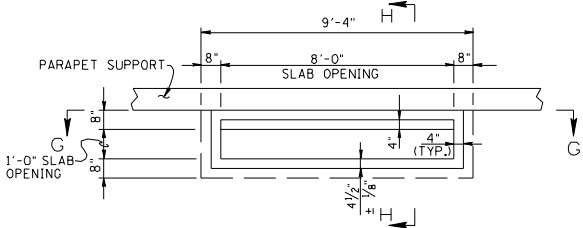


SECTION L - L

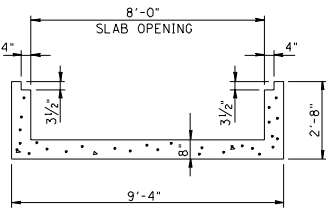


SECTION J - J

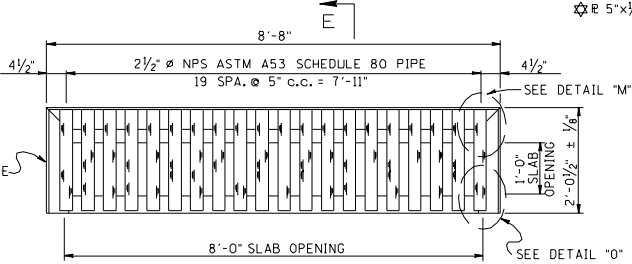
N.S. DENOTES NEAR SIDE
F.S. DENOTES FAR SIDE



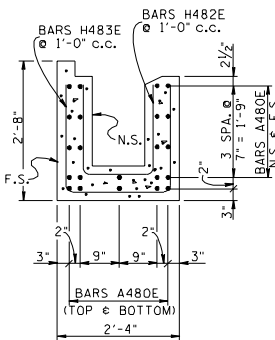
PLAN
(SHOWING BRIDGE END DRAIN PROPERTIES)
(GRATE NOT SHOWN THIS VIEW)



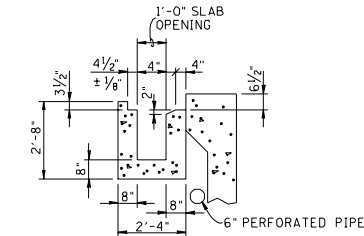
SECTION G - G



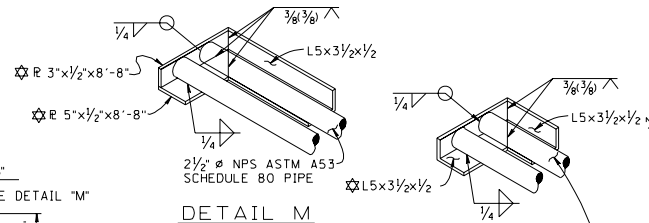
GRATE INLET AT BRIDGE ENDS



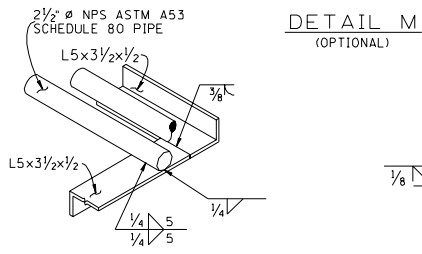
SECTION K - K



SECTION H - H

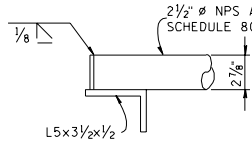


DETAIL M

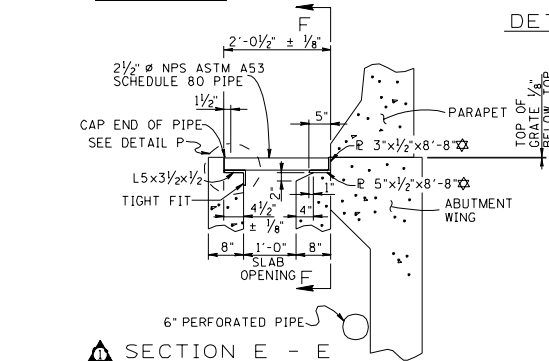


DETAIL M
(OPTIONAL)

DETAIL O

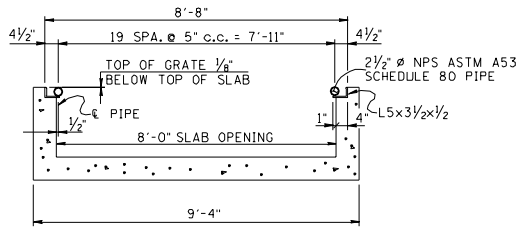


DETAIL P



SECTION E - E

★ DENOTES: THE CONTRACTOR HAS THE OPTION TO USE L5x3 1/2x1/2 IN LIEU OF R 3" x 1/2" x 8'-8" & R 5" x 1/2" x 8'-8". SEE DETAIL 'M' (OPTIONAL).



SECTION F - F

MINOR REVISION - FHWA
APPROVAL NOT REQUIRED

DEPARTMENT OF TRANSPORTATION

BRIDGE END DRAIN DETAILS
2' x 8'-7" WITHOUT
PAVEMENT AT BRIDGE ENDS
1993