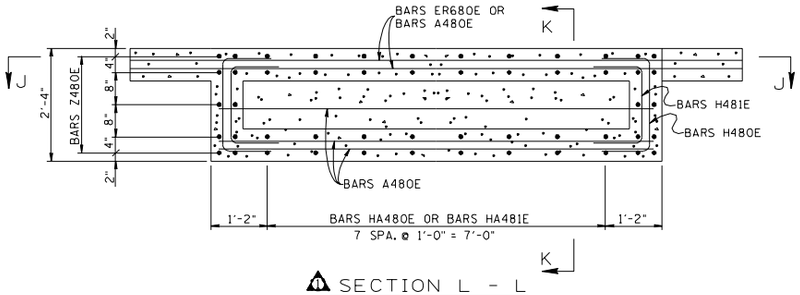
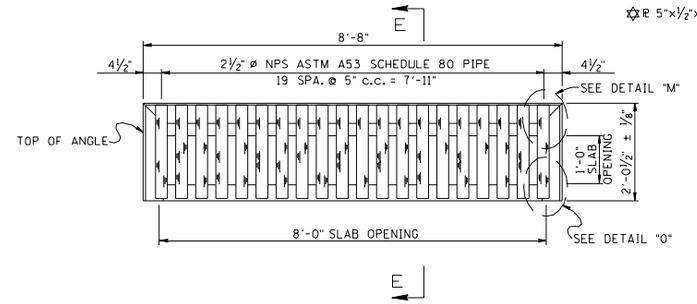
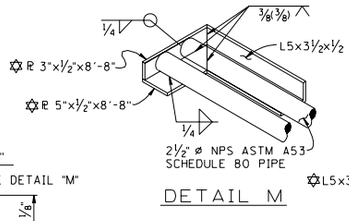
NOTE: AFTER ALL FABRICATION IS COMPLETE, THE GRATE ASSEMBLY SHALL BE ZINC COATED AS SPECIFIED BY ASTM A-123 SPECIFICATIONS FOR HOT-DIP GALVANIZED COATINGS. COATING THICKNESS SHALL BE AS SPECIFIED IN TABLE FOR MATERIAL ¼" AND OVER. (2.3 oz/FT²).



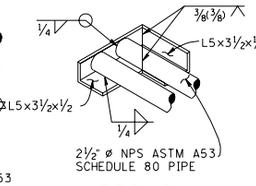
SECTION L - L



GRATE INLET AT BRIDGE ENDS



DETAIL M



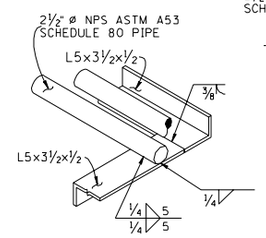
DETAIL M
(OPTIONAL)

PROJECT NO.	YEAR	SHEET NO.
	1993	

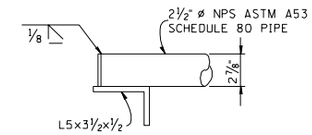
REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
1	3-28-94	CMH	CHANGED SLAB OPENING TO 1'-0"
2	5-1-95	CMH	REVISION REQUIRED BY STD-1-5

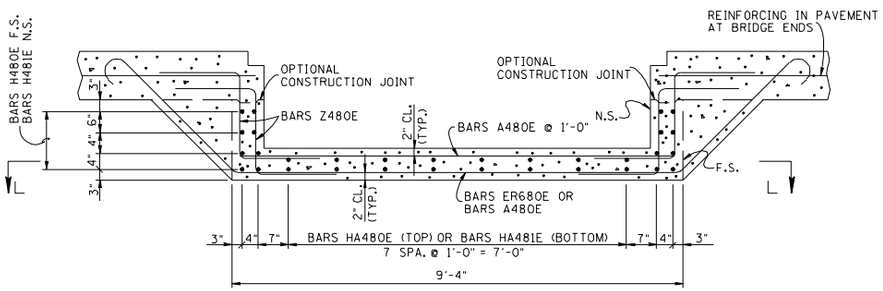
NOTE: FOR ADDITIONAL DETAILS SEE STD-1-1 THRU 7.



DETAIL O

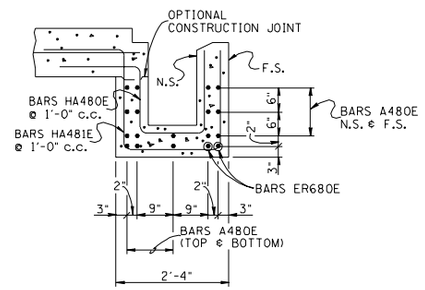


DETAIL P

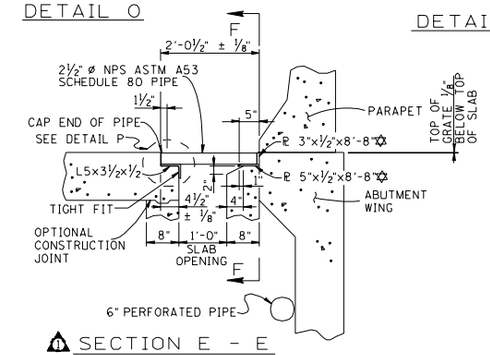


SECTION J - J

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

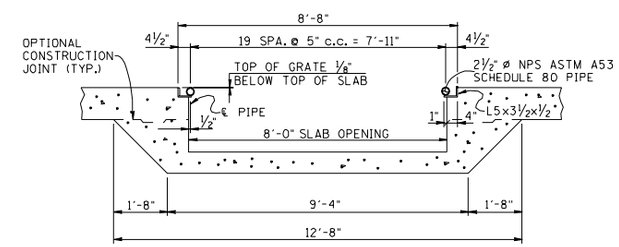


SECTION K - K

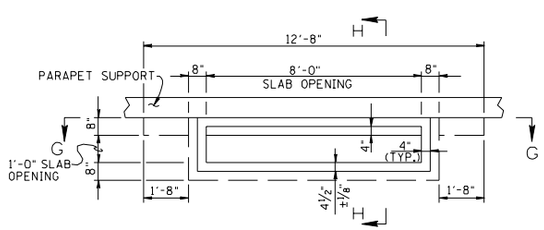


SECTION E - E

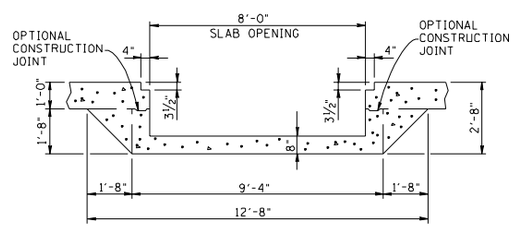
DENOTES: THE CONTRACTOR HAS THE OPTION TO USE L5x3½x½ IN LIEU OF PL 3"x½"x8'-8" & PL 5"x½"x8'-8". SEE DETAIL 'M' (OPTIONAL).



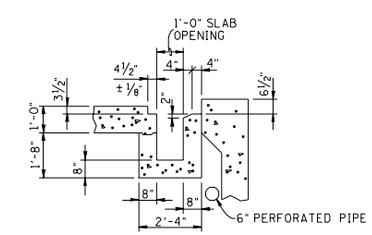
SECTION F - F



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



SECTION G - G



SECTION H - H

MINOR REVISION - FHWA APPROVAL NOT REQUIRED

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE END DRAIN DETAILS
2' x 8'-7" WITH
PAVEMENT AT BRIDGE ENDS
1993

DESIGNED BY C.M. HILES DATE
DRAWN BY KIM FRANKENFIELD DATE
SUPERVISED BY C.M. HILES DATE
CHECKED BY DATE

CORRECT Edward P. Wasserman
ENGINEER OF STRUCTURES

SHEET 8 OF 13
STD-1-8