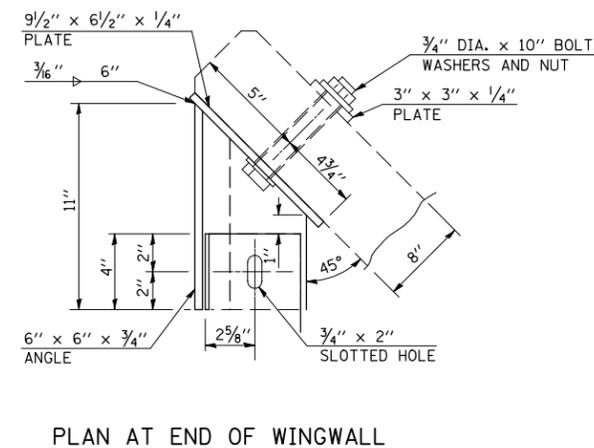
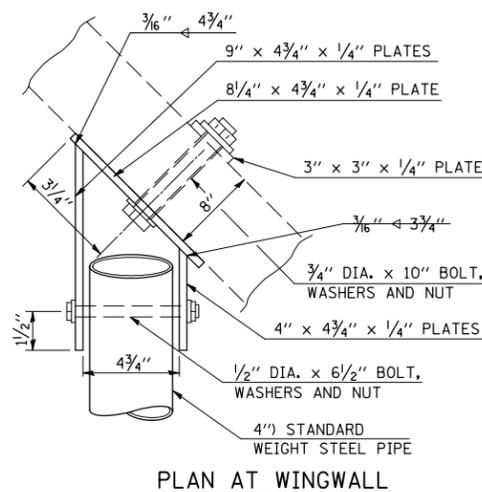
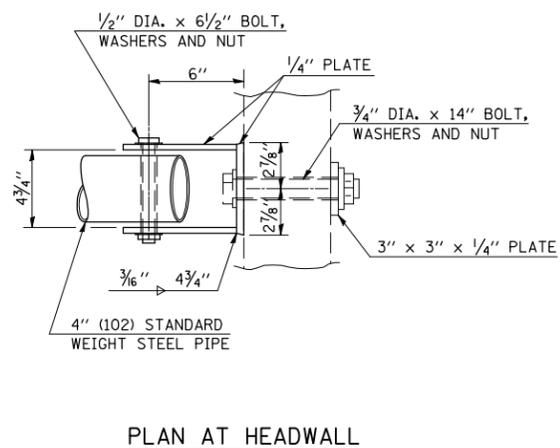
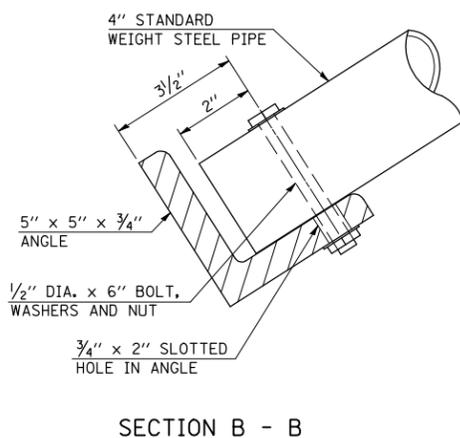
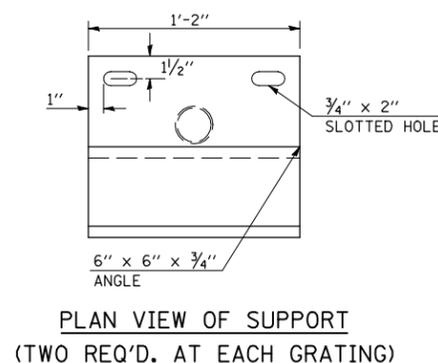
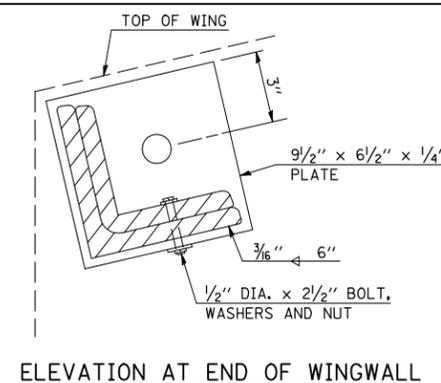
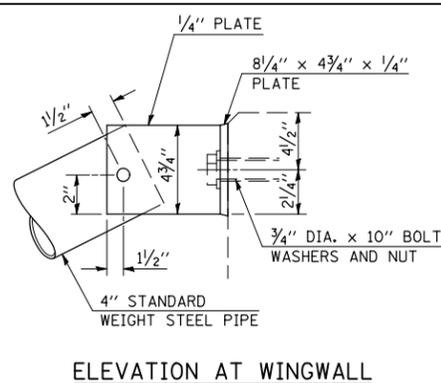
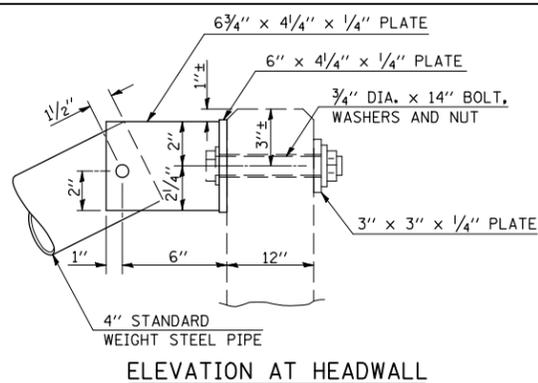
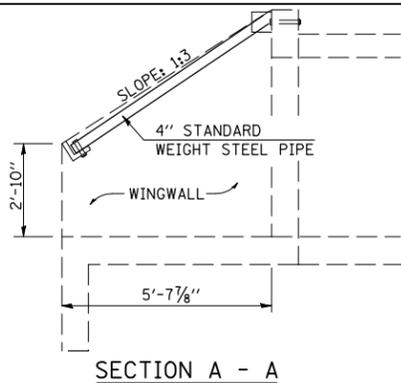


DETAIL OF GRATING FOR CONCRETE HEADWALL

CULVERT NO. 5, STATION 2025+00.00

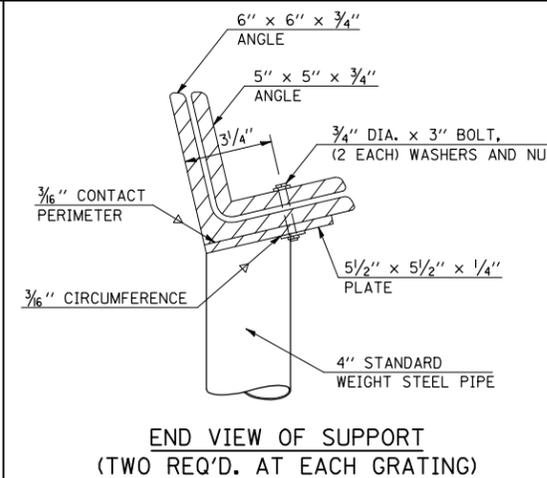
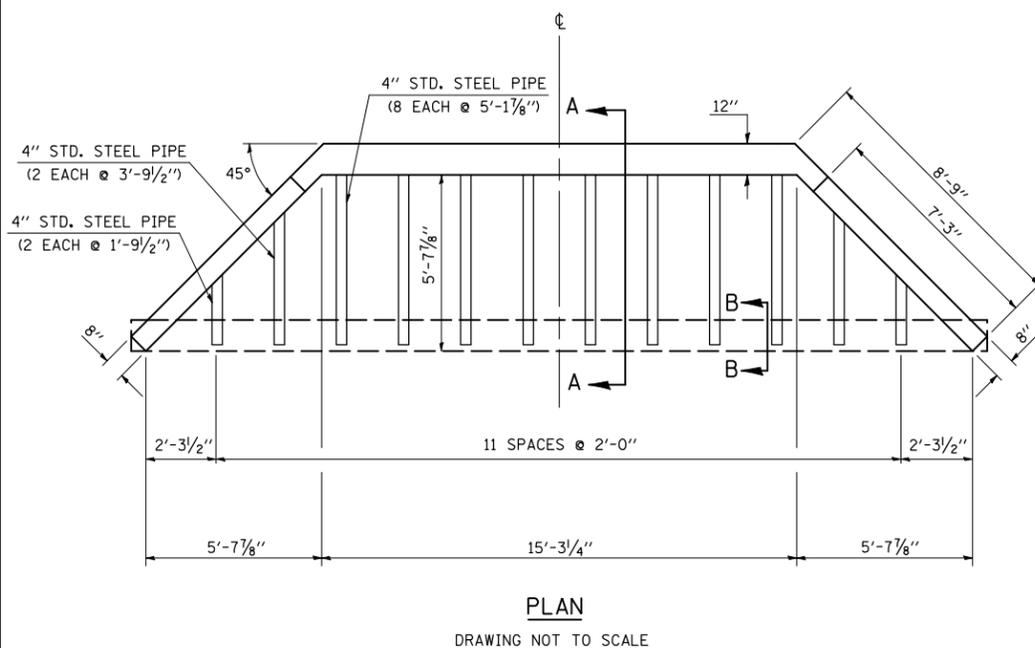
S.N. 010-8144

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	.	**	715	244
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (205,57,105)RS-2 ** CHAMPAIGN & DOUGLAS				

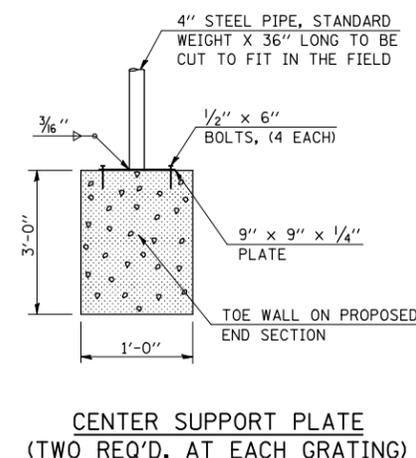


GENERAL NOTES

- BOLTS AND NUTS SHALL CONFORM TO A.S.T.M. A 307. ALL BOLTS SHALL HAVE WASHERS AT EACH END. HOLES SHALL BE 1/16" OVERSIZED UNLESS OTHERWISE NOTED EXCEPT IN CONCRETE WHICH SHALL BE 1/8" OVERSIZED.
- ANGLES AND STEEL PLATES SHALL CONFORM TO A.A.S.H.T.O. M 183. STEEL PIPES SHALL CONFORM TO A.S.T.M. A 53, GRADE B OR A.S.T.M. A 501.
- STEEL PIPES, ANGLES AND PLATES SHALL BE HOT DIPPED GALVANIZED CONFORMING TO THE REQUIREMENTS OF A.A.S.H.T.O. M 111.
- BOLTS, NUTS AND WASHERS SHALL BE HOT DIPPED GALVANIZED CONFORMING TO THE REQUIREMENTS OF A.A.S.H.T.O. M 232.
- THE APPROXIMATE WEIGHT OF THE STEEL IS 1494 POUNDS. THIS TOTAL INCLUDES PLATES, ANGLES AND PIPES. BOLTS, NUTS AND WASHERS ARE NOT INCLUDED.
- ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD. CUTTING OF THE STANDARD WEIGHT PIPE AND ANGLES TO THE EXACT LENGTH AND DRILLING HOLES IS TO BE DONE IN THE FIELD.
- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "GRATING FOR BOX CULVERT" WHICH PRICE SHALL INCLUDE ALL MATERIAL AND LABOR TO COMPLETE THE INSTALLATION AS SHOWN.



W.W. SPAN (TIP-TIP)	NUMBER REQUIRED	SPACING
0' TO 12'-6"	0	-
12'-6" TO 18'-0"	1	CENTER OF W.W. SPAN
OVER 18'-0"	(1 CENTER SUPPORT EVERY ADDITIONAL 6'-0" OF W.W. SPAN)	



SHEET 6 OF 6

ILLINOIS DEPARTMENT OF TRANSPORTATION
GRATING FOR CONCRETE HEADWALLS
STATION 2025+00.00
CULVERT NO. 5

SCALE: N/A
 DATE: 07/23/09
 DRAWN BY: BBP/MLB
 CHECKED BY: G.A.E.

PLOT DATE = 8/12/2009
 FILE NAME = C:\pwworking\pwworking\cearlock\job\0101445\70623-sht-grating-det-alls.dgn
 PLOT SCALE = 42.3523 / IN.
 USER NAME = ceurlockj