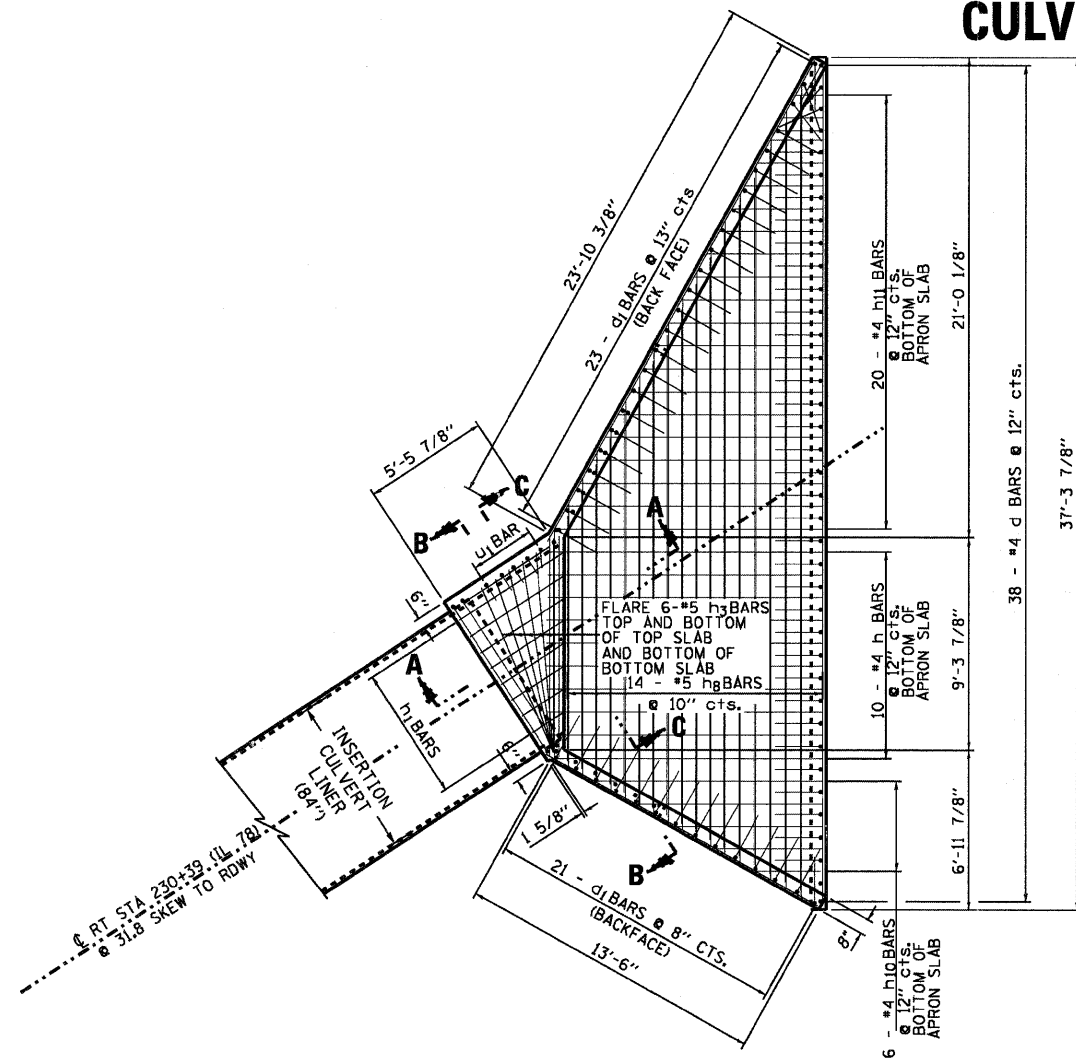


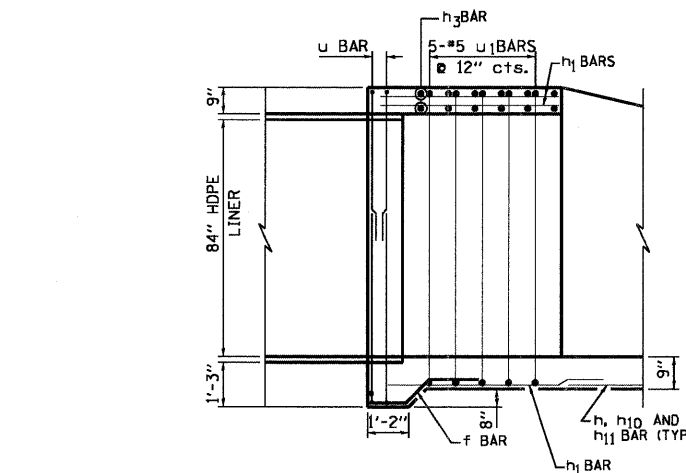
CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS - 84"

SN 043-1078 - LT AND RT STA 230+39

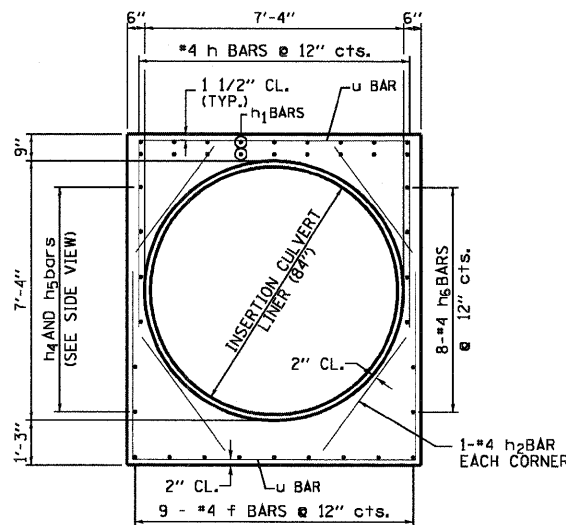
CULVERT @ 31.8° SKEW TO RDWY



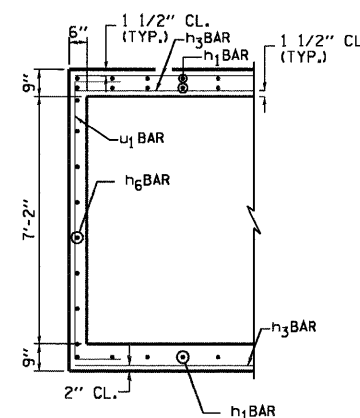
TOP VIEW



SECTION A-A

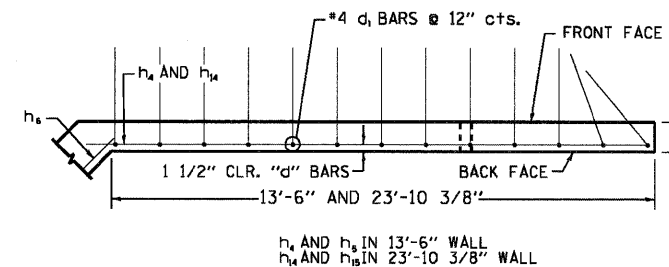


SECTION B-B



SECTION C-C

SECTION D-D (WING WALL)



DESIGN STRESSES

$f_y = 60,000$ psi

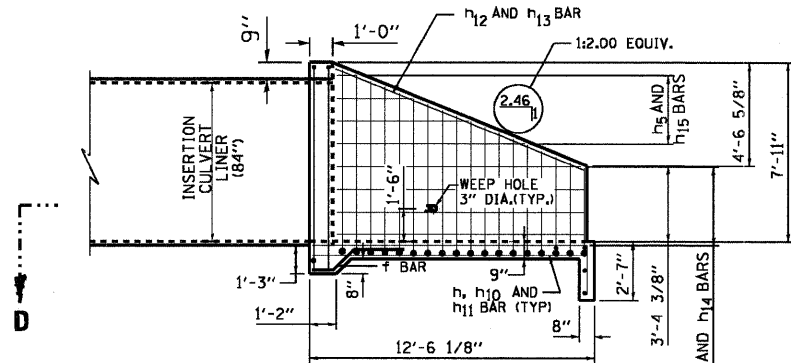
$f'_c = 3,500$ psi

NOTES:
CLEAR COVER FOR WALLS SHALL BE 1 1/2".

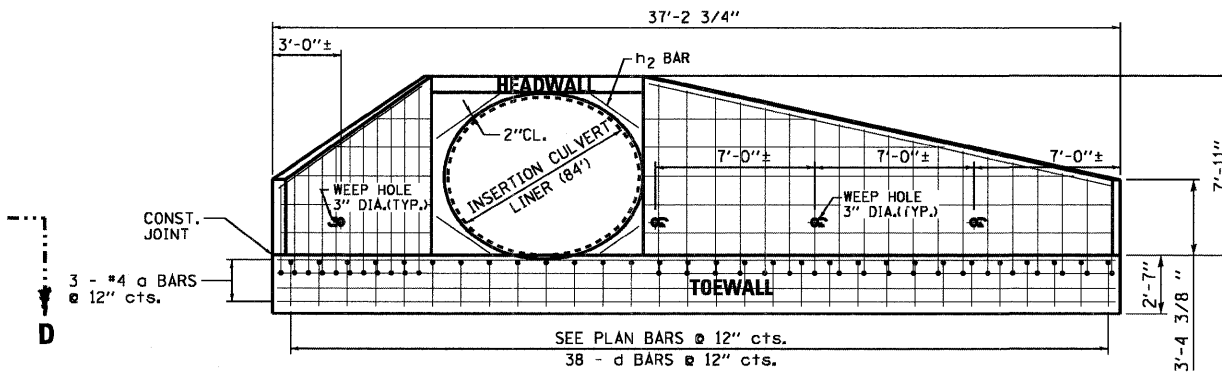
CLEAR COVER FOR APRON SLAB SHALL BE 2".

"d" BARS SHALL BE PLACED WITH 1 1/2" CLEAR COVER TO OUTSIDE FACE OF WALL.

INSERTION CULVERT LINER SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH SECTION 543. RPM-D3262 SHALL BE UTILIZED.



SIDE VIEW



FRONT VIEW-ASKEW

TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADING SHOWN ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH REQUIREMENTS OF THE CURRENT "AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES".



FILE NAME =	USER NAME = #USER#	DESIGNED MGH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS - 84" SHEET 1 OF 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN WJH	REVISED -			642	(10, 11)T	JODAVIESS	283	87	
PLOT SCALE = 1:50		CHECKED RGD	REVISED -			CONTRACT NO. 64007					
PLOT DATE = #DATE#		DATE 9/26/2008	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					