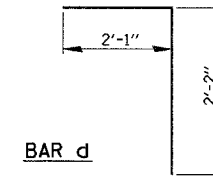
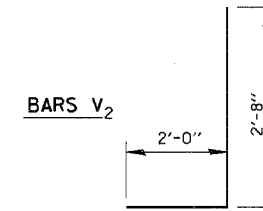
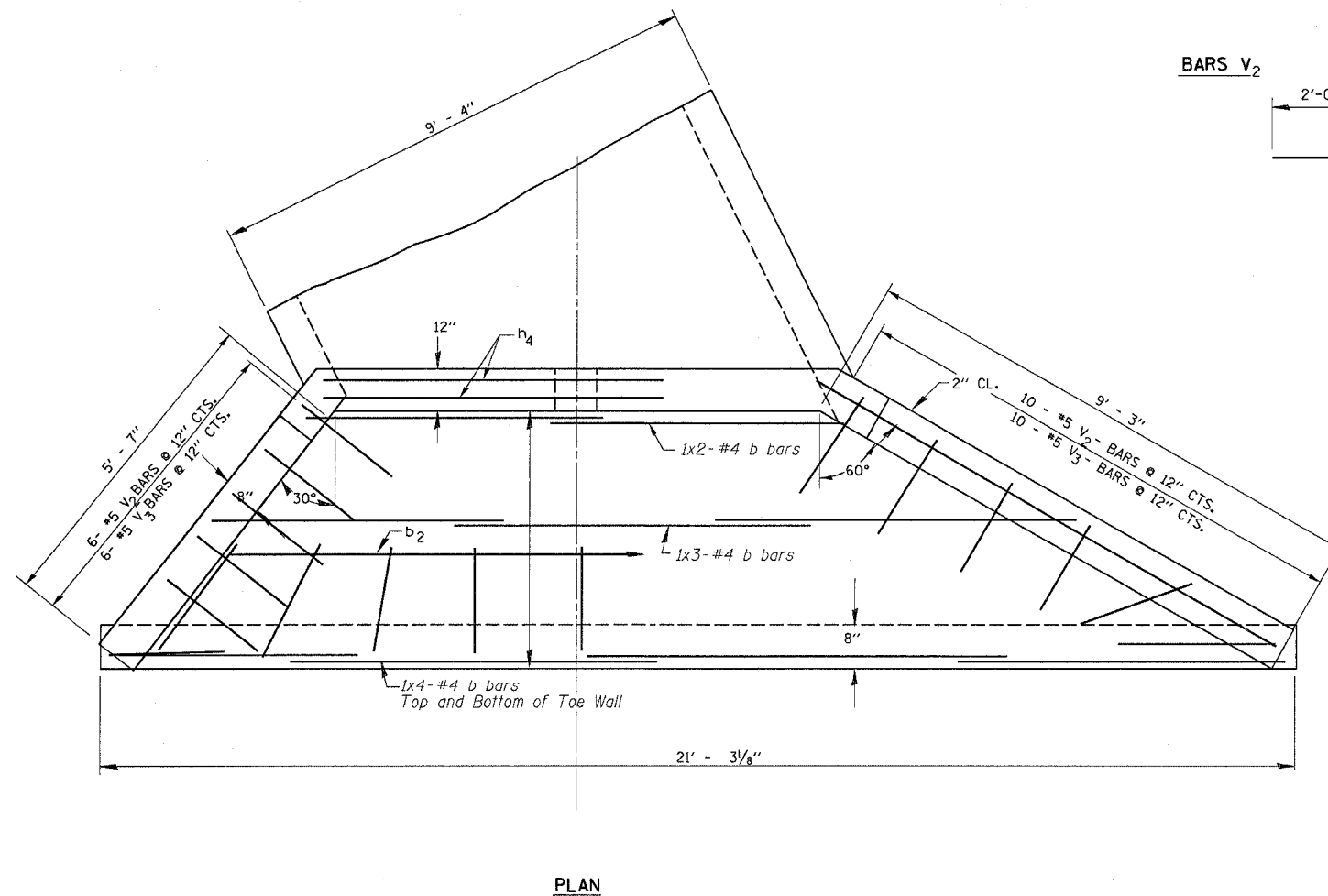
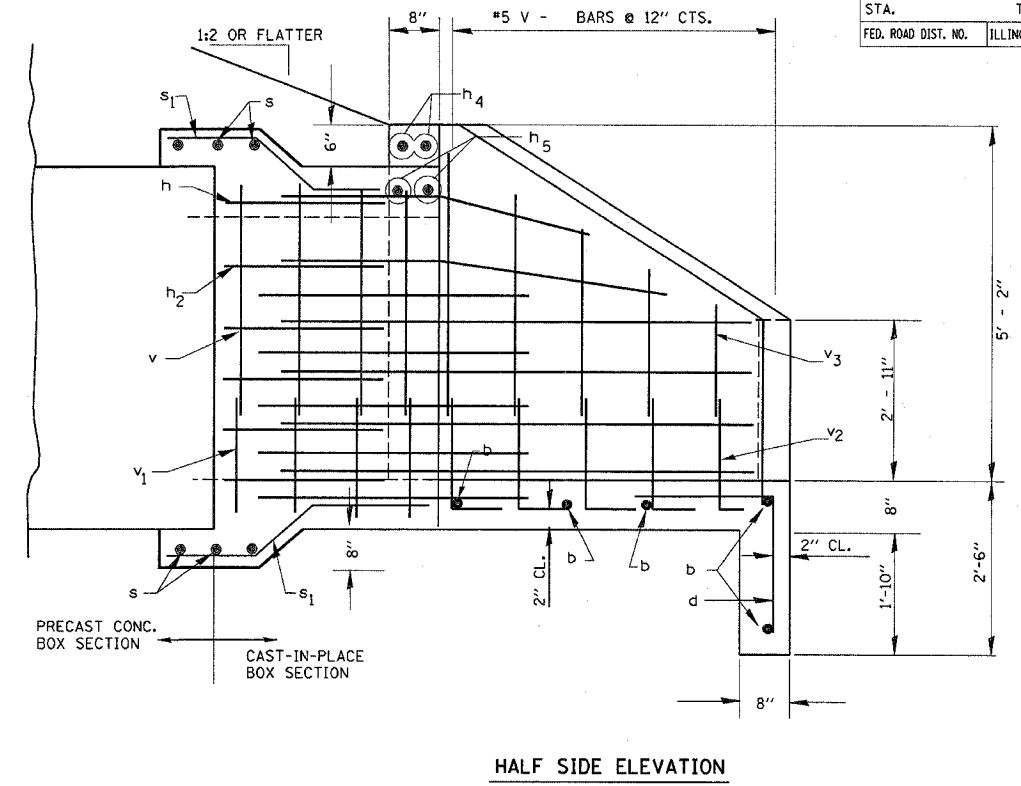
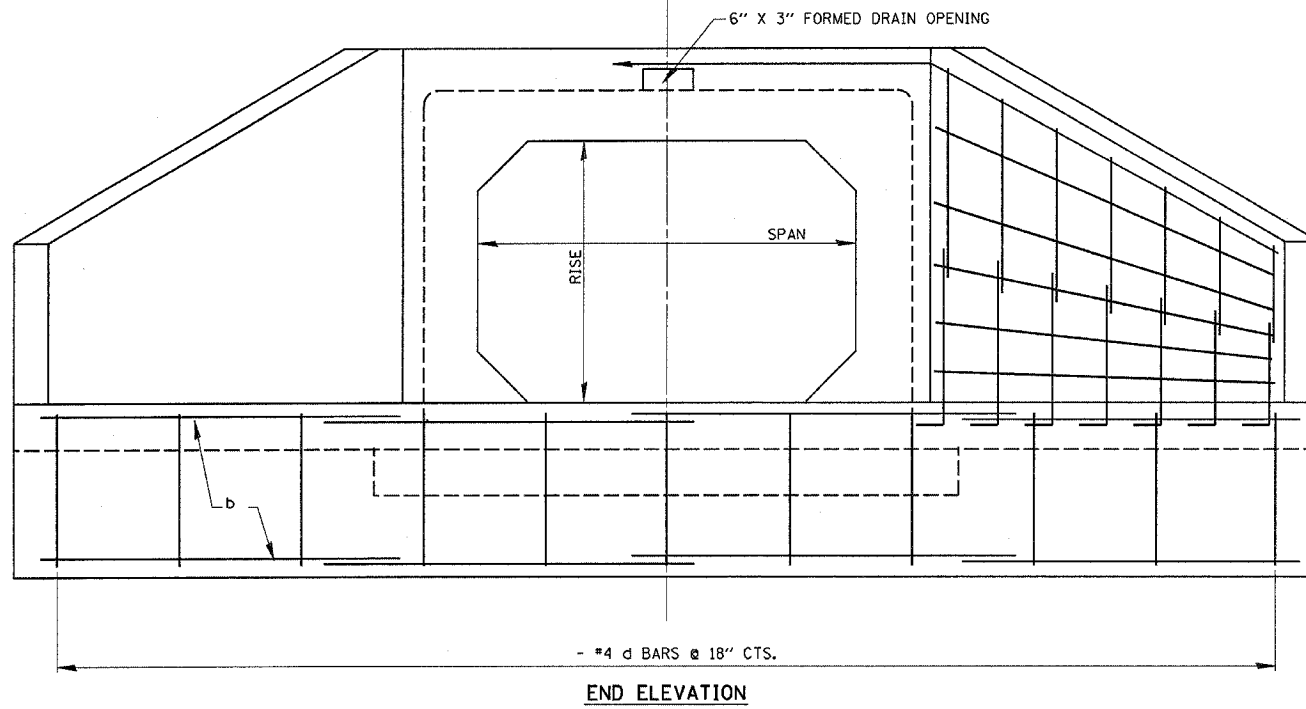
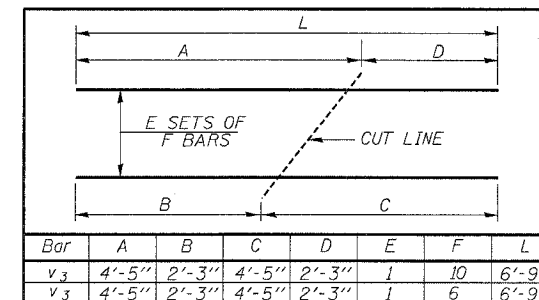


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	IN & TS	KENDALL	174	71
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BAR CUTTING DIAGRAM



BILL OF MATERIAL					
BAR	SIZE	NO.	LENGTH	SHAPE	
b	4	26	6'-3"	—	
d	4	30	4'-3"	—	
V ₂	5	32	4'-8"	L	
V ₃	5	32	6'-9"	—	
REINFORCEMENT BARS				LBS.	574.9

TABLE FOR ONE (1) HEADWALL

MIN. LAP SPLICE		
Bar	Min. Lap Splice	
#4	1'-4"	1'-8"
#5	1'-8"	2'-2"

GENERAL NOTES

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
 EXPOSED EDGES SHALL BE BEVELED 3/4".
 REINFORCEMENT BARS SHALL CONFORM TO THE
 REQUIREMENTS OF AASHTO M-31, M-42, OR M-53, GRADE 60.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**CULVERTS
 AND WINGWALLS
 DETAIL STA. 67 + 00**

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE: 5/2/22/2006
 FILE NAME: 096 WELLS
 PLOT SCALE: 1/8" = 1'-0"
 REFERENCE: 0 REF.