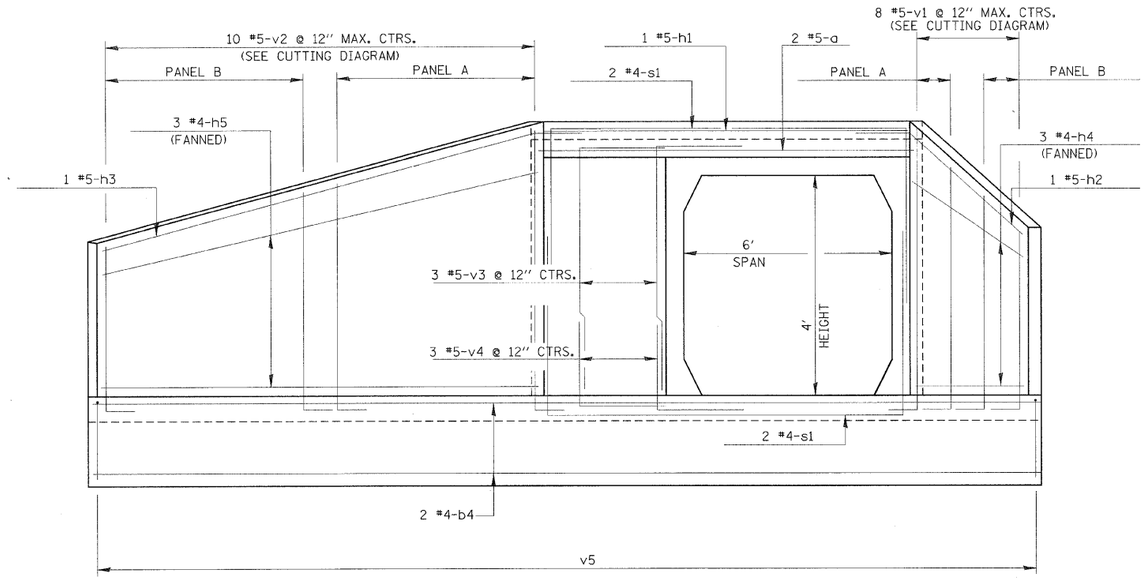
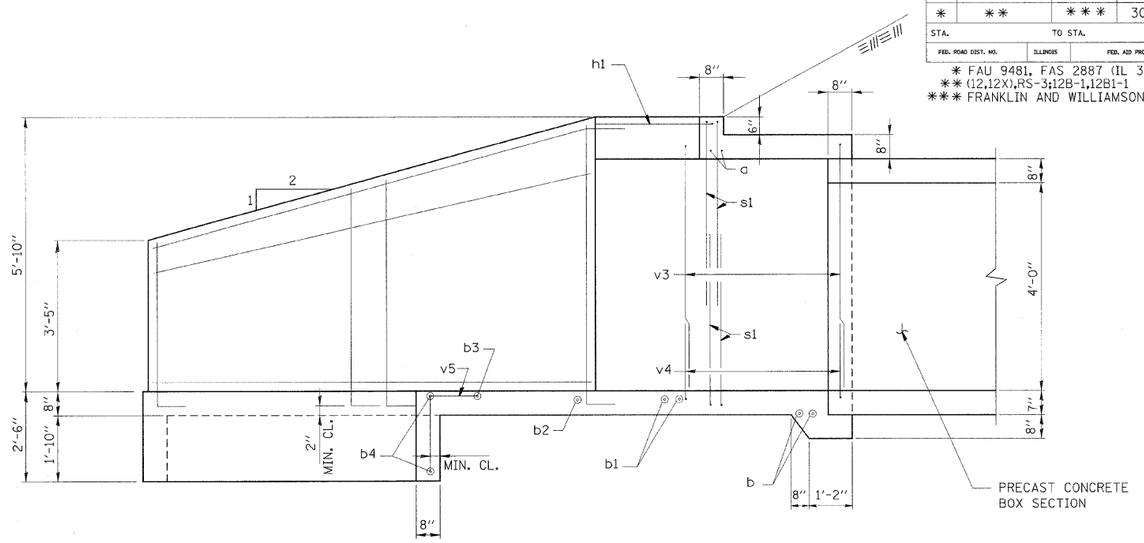
CONTRACT NO. 98823

F. A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
*	**	***	304	158A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

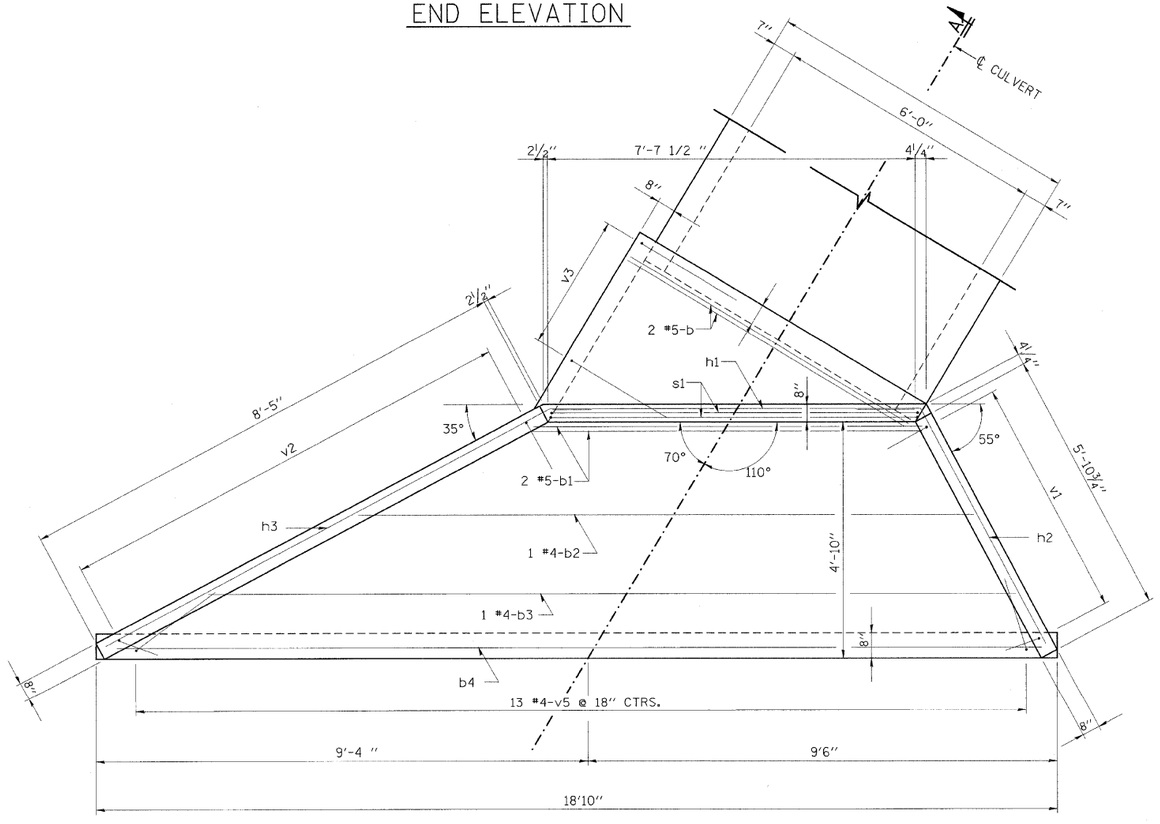
* FAU 9481, FAS 2887 (IL 37)
** (12,12X),RS-3;12B-1,12B1-1
*** FRANKLIN AND WILLIAMSON



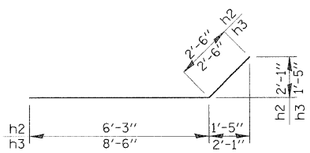
END ELEVATION



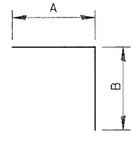
SECTION A-A



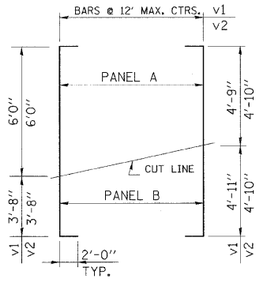
PLAN



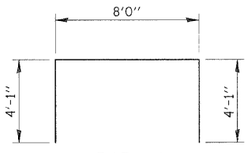
BARS h2 & h3



BAR	A	B
v3	4'9"	5'-2"
v4	4'9"	2'-6"
v5	2'-1"	2'-2"



CUTTING DIAGRAM
BARS v1 & v2



BAR s1

BILL OF MATERIAL

BAR	SIZE	NO.	LENGTH	SHAPE
a	#5	2	7'- 11"	——
b	#5	2	7'- 4"	——
b1	#5	2	9'- 4"	——
b2	#4	1	12'- 6"	——
b3	#4	1	15'- 9"	——
b4	#4	2	18'- 4"	——
b5			'- "	——
h1	#5	1	7'-11"	——
h2	#5	1	8'-10"	——
h3	#5	1	11'- 2"	——
h4	#4	3	5'-10"	——
h5	#4	3	8'- 4"	——
v1	#5	4	13'- 8"	└──┘
v2	#5	5	13'- 8"	└──┘
v3	#5	3	9'- 11"	┐
v4	#5	3	7'- 3"	┐
v5	#4	13	4'- 3"	┐
s1	#4	4	16'- 2"	┌──┐
CLASS SI CONC. HDWL.			CU. YDS.	6.56
REINF. BARS			LBS.	420

NOTES:

TABLE FOR ONE (1) HEADWALL ONLY.

BAR DIMENSIONS ARE OUT TO OUT.

THICKNESS WITH 0' TO 2' OF COVER

THICKNESS WITH 0' TO 2' OF COVER

NOTES:

CLASS X 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, M-53, GRADE 60.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CAST-IN-PLACE HEADWALLS

STATION 569+00

6' X 4' BOX @ 20° SKEW

PLOT DATE = 2/5/2018
FILE NAME = c:\projects\PWIDOT\HEADCN\dms436580\d98402Bp3.dgn
PLOT SCALE = 20.0000 '/ IN.
USER NAME = headcn