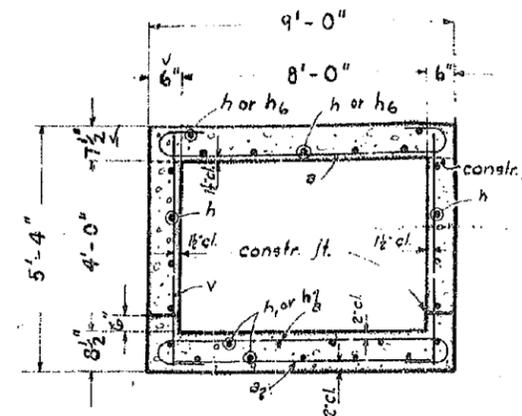
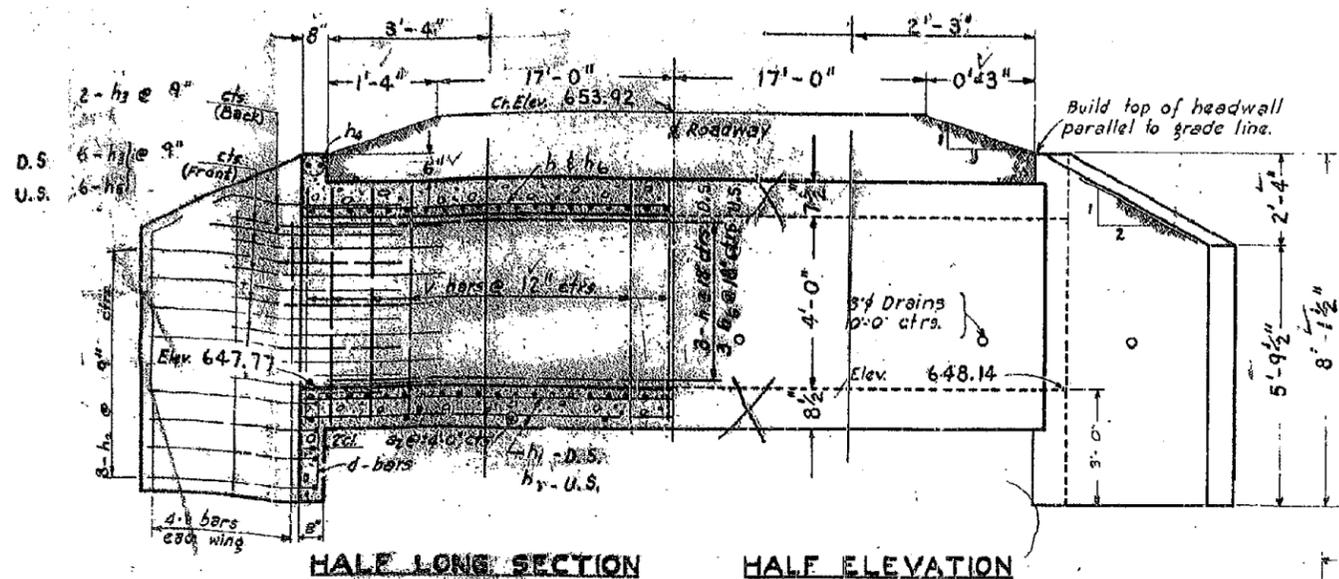


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	.	..	715	232
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

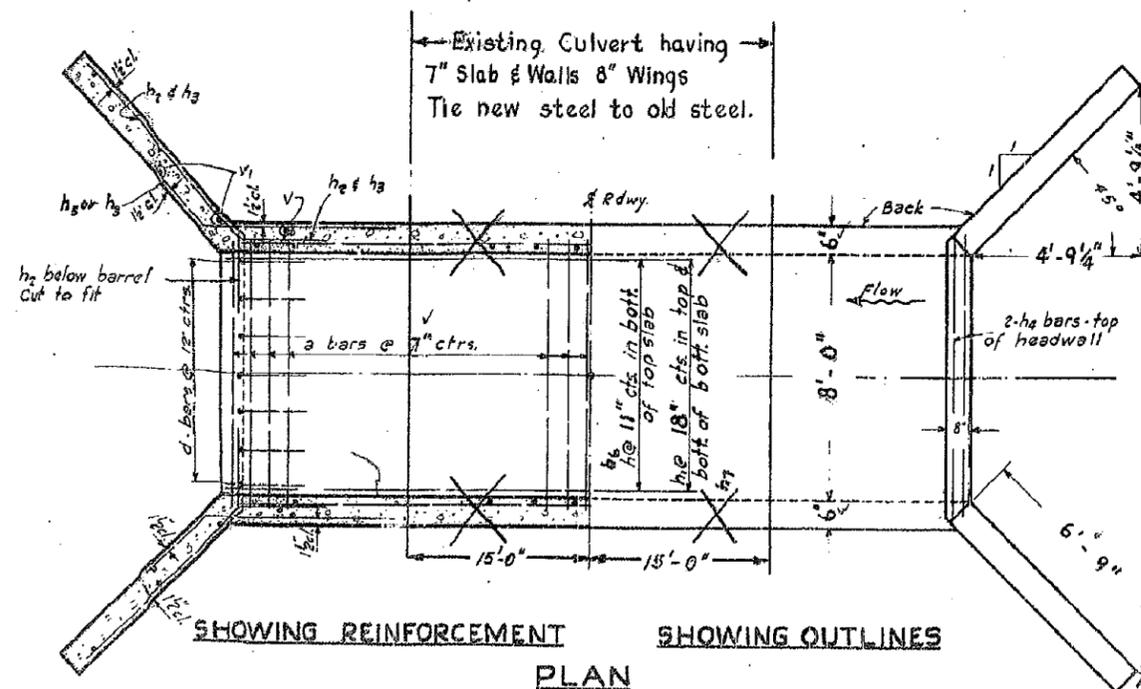
- (205,57,105)RS-2
- CHAMPAIGN & DOUGLAS

EXISTING STRUCTURE INFORMATION

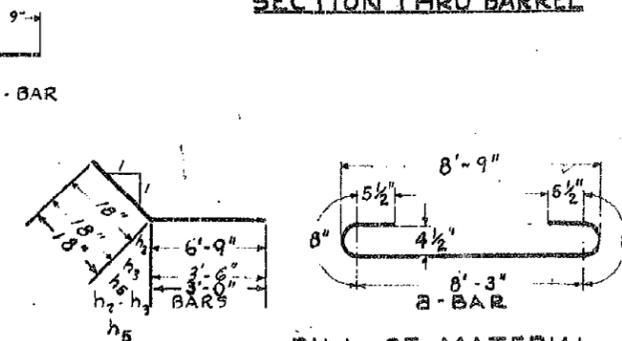
STATION 1145+38.00



SECTION THRU BARREL



SHOWING REINFORCEMENT PLAN SHOWING OUTLINES



BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH
a	24	#6	10'-6"
a2	4	#4	8'-3"
h6	18	#4	2'-9"
h	18	#4	3'-9"
h1	13	#4	3'-9"
h2	32	#4	8'-3"
h3	20	#4	5'-0"
h4	4	#6	8'-6"
h5	12	#4	4'-6"
v	22	#4	5'-0"
v1	16	#4	7'-0"
d	16	#4	4'-6"
h7	13	#4	2'-9"
Class X Concrete curbs			9.8
Reinforcement bars			1060

NOTE: All bars shall be round ASTM A305-49. The size number is the number of 1/8 inches in the nominal diameter.

GENERAL NOTES

Class X concrete shall be used throughout.
 Barrel shall be poured monolithically with wing walls. Exposed edges shall be beveled 3/4".
 For backfilling & embankments see std. Spec's.
 Tilt hook of d-bars, if necessary, to obtain 1/4" minimum clearance at top of hook.

$f_s = 20,000 \text{ psi}$
 $f_c = 1200 \text{ psi}$
 $n = 10$
 Hfg LOADING

EXISTING STRUCTURE:

S.N. 010-8098 WAS CONSTRUCTED IN THE 1920'S AT STATION 1145+26 AS A 8' X 4' CAST-IN-PLACE BOX CULVERT WITH CONCRETE HEADWALLS. EXISTING PLAN STATION: 1145+32.90

SHEET 6 OF 6

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING STRUCTURE INFORMATION
STATION 1145+38.00
CULVERT NO. 3

SCALE: 1" = 20'
 DATE: 07/14/09

DRAWN BY: B.B.P.
 CHECKED BY: G.A.E.