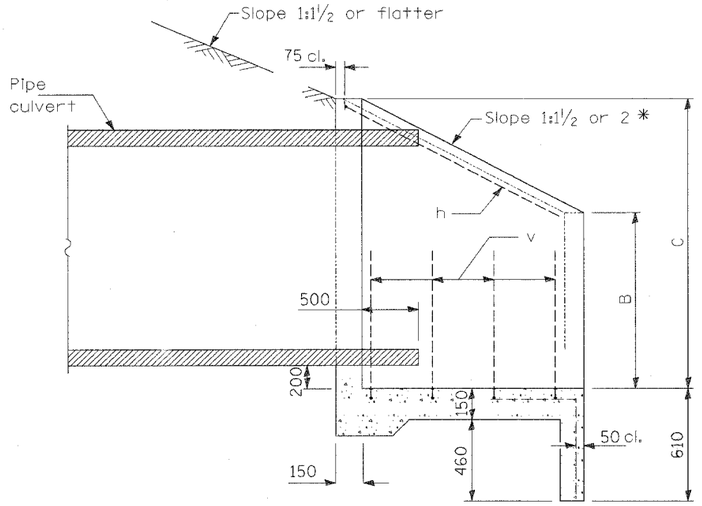
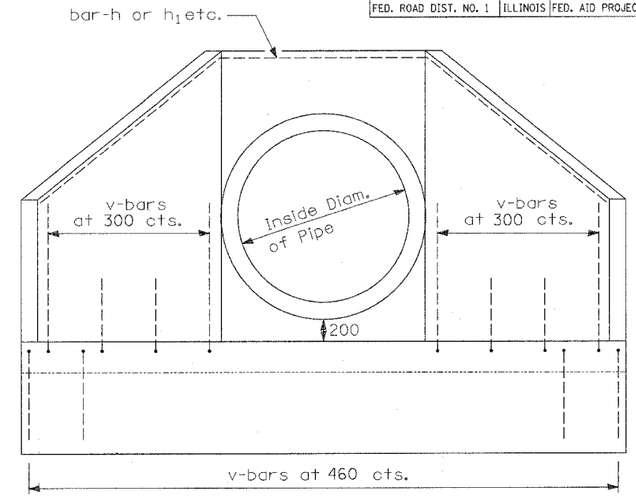
* (0203.1 & 0312-708W) R-3 CONTRACT #62108

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/394	*	COOK	870	726
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

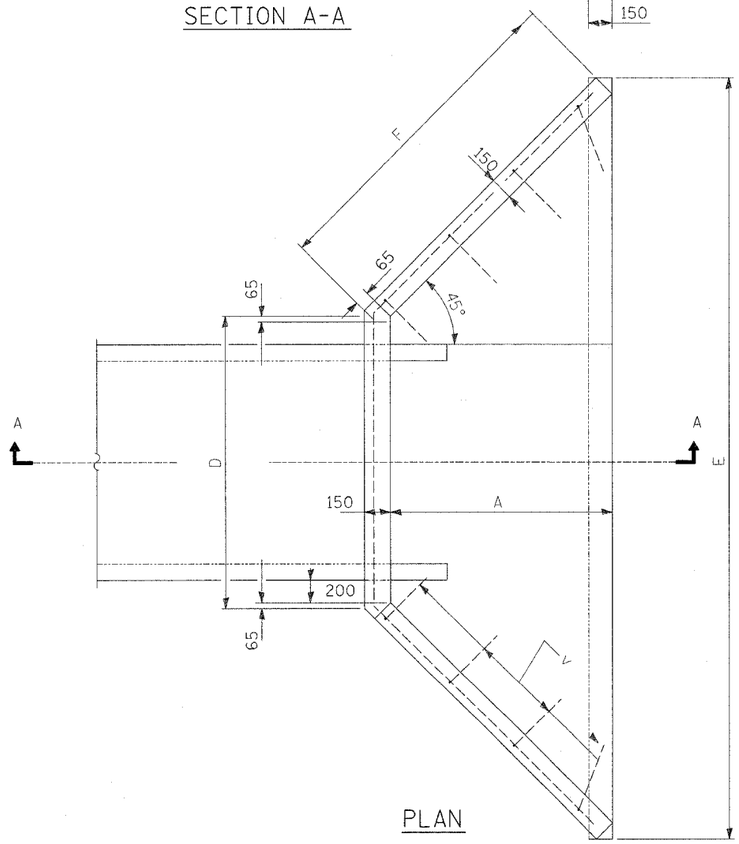


SECTION A-A

Mark	a	b
h	960	750
h_1	960	980



END VIEW

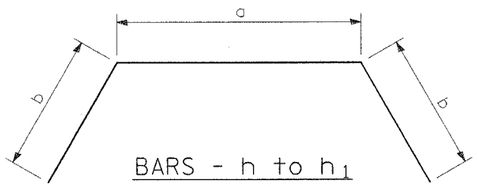


PLAN

TABLE OF DIMENSIONS

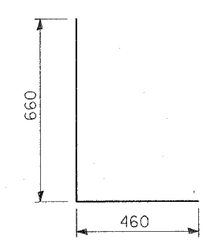
DESIGN NO.	NOMINAL INSIDE DIAM. of PIPE	SLOPE of FILL	Dimensions					
			A	B	C	D	E	F
D375-1½	375	1:1½	485	517	847	1.01 m	2.07 m	750
D375-2	375	1:2	660	517	847	1.01 m	2.42 m	1.0 m

* If embankment slope above headwall is flatter than 1:2, provide wings for 1:2 slope.



BARS - h to h_1

Bend in field
one required in each headwall



BAR v

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in millimeters unless otherwise shown.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EASTBOUND / IL 394 SOUTHBOUND

DRAINAGE DETAILS I
CONCRETE HEADWALL

DATE: JULY 18, 2005

DRAWN BY: JWM
CHECKED BY: RCH

McDonough Associates Inc.
Engineers / Architects