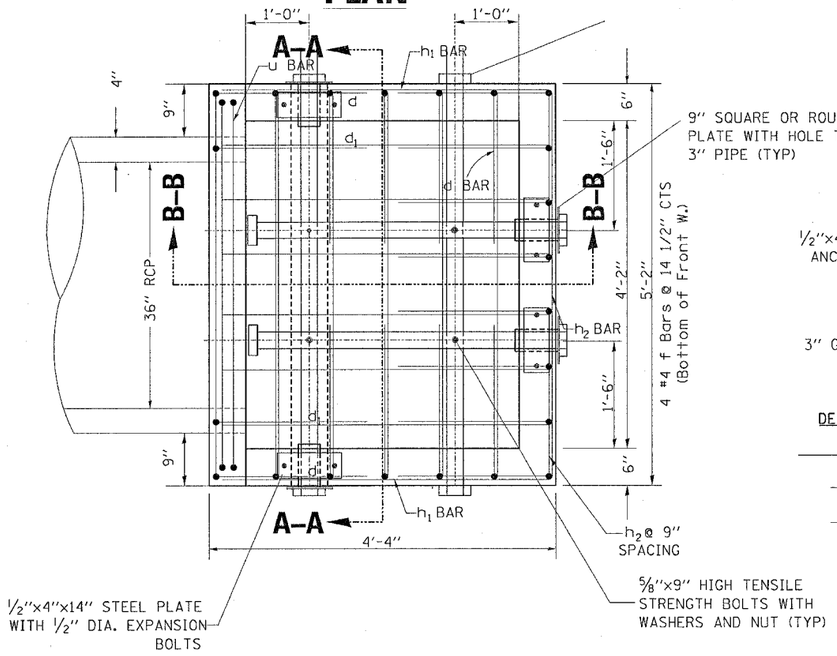
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	116RS-1	OGLE	593	198
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

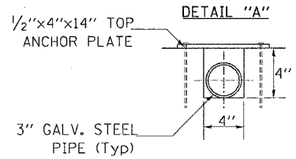
CONTRACT NO. 64178

DROP BOX NO. 6
STA 85+80.68
25.9' LT

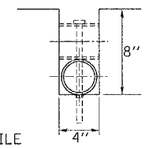
PLAN



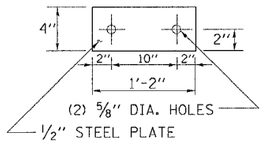
DETAIL "A"



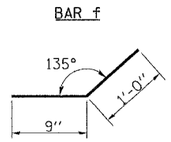
DETAIL "B"



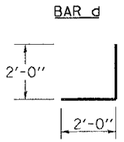
TOP ANCHOR PLATE



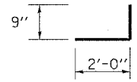
BAR f



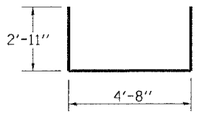
BAR d



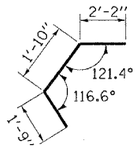
BAR d_1



BAR u



BAR z



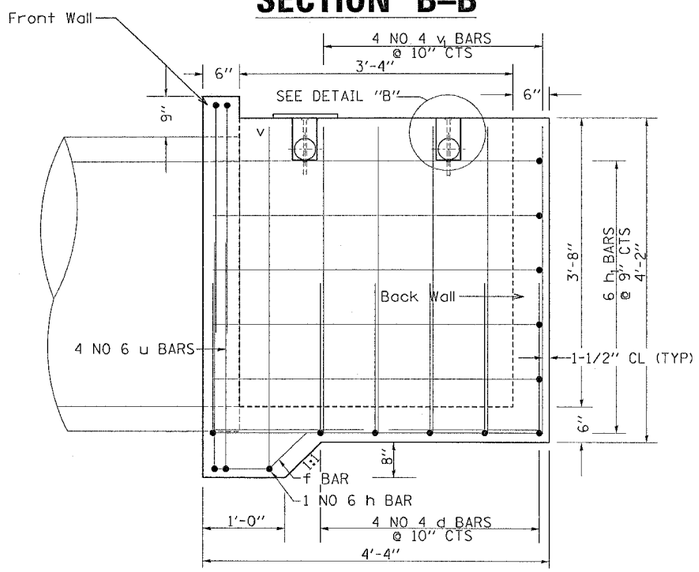
BILL OF MATERIAL

BAR	SIZE	NO.	LENGTH	WEIGHT (LB)
d	4	26	4'-0"	69.47
d1	4	2	2'-9"	3.67
f	4	4	1'-9"	4.68
h	6	1	4'-11"	7.38
h1	4	18	4'-0"	48.10
h2	4	12	4'-10"	38.74
h3	4	4	1'-0"	2.67
u	6	2	7'-7"	22.78
v	4	2	4'-6"	6.01
v1	4	14	3'-10"	35.85
z	4	2	5'-9"	7.68

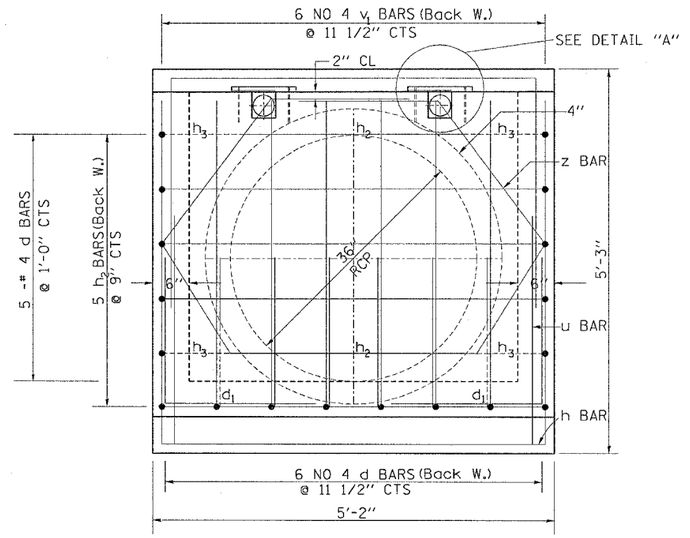
DESCRIPTION	UNIT	QTY
CLASS "SI" CONCRETE	CU YD	1.75
REINFORCEMENT BARS	LB	247.04

DESCRIPTION	UNIT	QTY.
3" Galvanized Steel Pipe	2@	5'-6"
	2@	4'-0"
Expansion Bolts 1/2"	EACH	4
3" Galv Pipe Caps	EACH	8
1/4" Galv. Stl. Plate (9" Nominal)	EACH	4
1/2"x4"x14" Galv. Steel Plate	EACH	4
5/8"x9" Galv. Steel Bolts	EACH	4

SECTION B-B



SECTION A-A



GENERAL NOTES

This work shall be done according to the applicable portion of 503, 508, and 542 of the Standard Specifications.

Class "SI" Concrete shall be used. Exposed edges shall be beveled 3/4".

The contract unit price "each" for DROP BOX NO. 6 shall include the Expansion Bolts, Galvanized Pipe, Class "SI" Concrete, Reinforcement Bars, Bolts, Nuts, Washers, Steel Plates, earth excavation where required, and necessary grading to fit the inlet as shown in the cross sections or to the slope

Reinforcement bars shall conform to the requirements of AASHTO M-31 or M-53, Grade 60.

STEEL PLATES SHALL CONFORM TO AASHTO M-183 AND SHALL BE GALVANIZED CONFORMING TO AASHTO M-111.

Contractor shall field verify pipe dimensions prior to ordering.

Bolts, Nuts, and Washers shall be in accordance with Article 710.11 of the Standard Specification and shall be galvanized.

Order 3 h3 bars and 4 v2 bars full length for the front wall and cut to fit in the field

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DROP BOX NO. 6
STATION 85+80.68 LT

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY