CONTRACT NO. 78028

FAS RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
899	8BR-2	SALINE	75	59
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

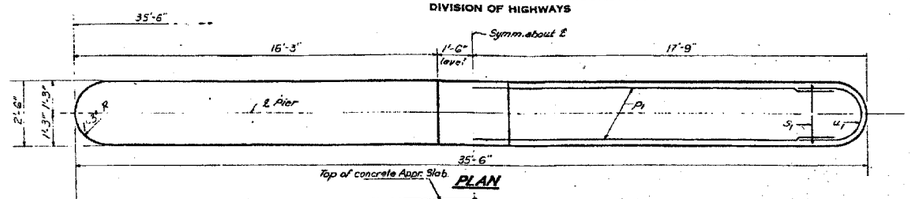
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 13	8BR	SALINE	81	56

SHEET NO. 5 OF 6 SHEETS

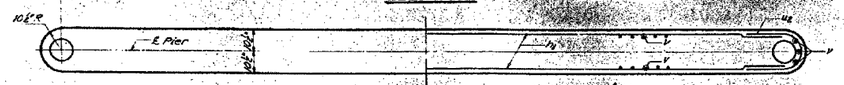
PILE DATA

Type Metal Shell (12")
Capacity: 25 Ton
Est. length: 50 Ft.
No. Required: 8 plus one test pile

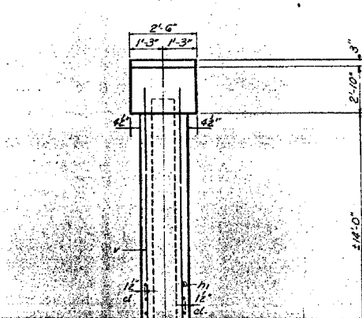
PLAN



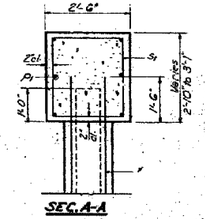
ELEVATION



SEC. B-B



END VIEW



SEC. A-A

Note:
All edges shall have Std. ¾" chamfers.

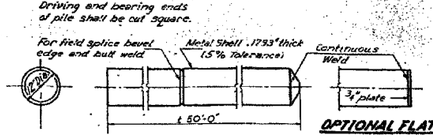
REINFORCEMENT

SEC. B-B

BILL OF MATERIAL

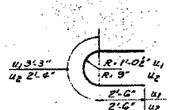
Bar	No.	Size	Length	Shape
V1	30	#5	33'-0"	—
P1	6	#6	33'-0"	—
S1	32	#6	10'-1"	□
U1	6	#6	8'-3"	U
U2	30	#5	7'-4"	U
V	74	#5	15'-3"	—
Class A Concrete			Cu. Yds.	36.9
Reinforcement Bars			Lbs.	3030
Metal Shell Piles (12")			Lin. Ft.	400
Test Piles (Metal Shell)			Each	1

Note:
Driving end bearing ends of pile shall be cut square.

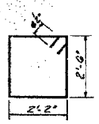


METAL SHELL PILE DETAILS

OPTIONAL FLAT END



BARS U1 & U2



BAR S1

DESIGNED	Jack Armstrong	EXAMINED	Oct 24, 1962
CHECKED	James Pence	PASSED	
DRAWN	WSmith J.L.A	APPROVED	
CHECKED	JP		

PIER
S.B.I. RT. 13 SEC. 8BR
SALINE COUNTY
STA. 802+60

ESCA CONSULTANTS, INC.		
DESIGNED BY:	JMS	12/07
DRAWN BY:	HAS	12/07
CHECKED BY:	MTD	01/08
APPROVED BY:	RDP	01/08

FOR INFORMATION ONLY

EXISTING STRUCTURE PLANS
FAS RTE 899 (OLD IL 13)
SECTION 8BR-2
SALINE COUNTY