CONTRACT NO. 78031

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	105BR-2	SALINE	118	82
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

(#105B-DR, B-DR-1, B-DR-2, B-DR-3, B-DR-4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
143	B	SALINE	65	31
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 9
10 SHEETS

Note:
Bars indicated 8 x 2-#6 etc. indicates 8 lines of bars with 2 lengths per line.

PILE DATA

Type Creosoted
Capacity 20 Tons
Est. Length 18'-0"
No. Req'd. 67 ℄ 1 test pile at Pier #1

TOP PLAN

ELEVATION (Pier 1 Looking North, Pier 2 Looking South)

END VIEW

FOOTING PLAN

PILES

REINFORCEMENT

NOTCH DETAIL

DETAIL OF BARS

BAR u_1

BAR n

TWO PIERS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_4	36	#5	3'-8"	
h_5	64	#5	3'-11"	
h_6	64	#5	4'-2"	
h_7	192	#5	24'-6"	
n	212	#5	4'-1"	C
r	88	#5	7'-3"	
u_1	90	#4	4'-2"	
v_1	212	#5	21'-11"	
w	32	#6	26'-9"	
Class X Concrete		Cu. Yds.	315.4	
Reinforcement Bars		Lbs.	13612	
Creosoted Piles up to 40'		Lin. Ft.	1206	
Test Piles Timber		Ea.	1	

DESIGNED T. A. Hunek
CHECKED D.A.R. (AER)
DRAWN W. A. Sauerman
CHECKED D.A.R.

EXAMINED Nov. 11 '59
PASSED
APPROVED
DIRECTOR OF HIGHWAYS

P-1 Re-drawn 7-21-59 Rev. 11-25-59

PIERS 1 & 2
S.B.I. RT. 143 SEC. 105 B-DR-1
SALINE COUNTY
STA 1561 + 70

ESCA CONSULTANTS, INC.		
DESIGNED BY:	DAJ	02/08
DRAWN BY:	JPC	02/08
CHECKED BY:	MTD	02/08
APPROVED BY:	RDP	04/08

FOR INFORMATION ONLY

EXISTING STRUCTURE PLANS
FAP RTE 869 (IL 34)
SECTION 105BR-2
SALINE COUNTY