ESCA CONSULTANTS, INC.
CIVIL · STRUCTURAL · TRANSPORTATION ENGINEERS
SPRINGFIELD, ILLINOIS

CONTRACT NO. 74239

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
716	(130BR-1)BR	MACON	22	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT AID		

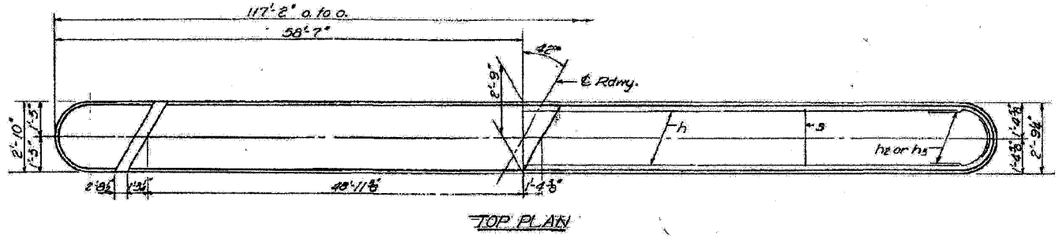
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE	MARKER	COUNTY	TOTAL SHEETS	SHEET NO.
I-55	130BR	MACON	37	31
THIS ROAD SEC. NO.	ILLINOIS	FED. AID PROJECT		

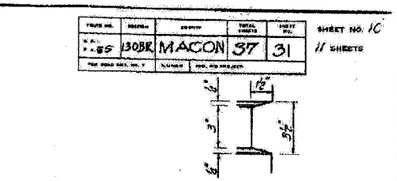
SHEET NO. 1C
11 SHEETS

PILE DATA

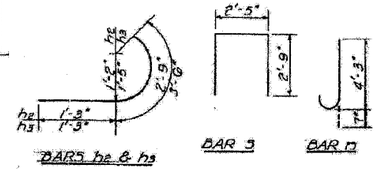
Type Untreated
Capacity 24 Tons
Estd. Length 25 Ft.
No. Req'd. 67 + 1 Test Pile



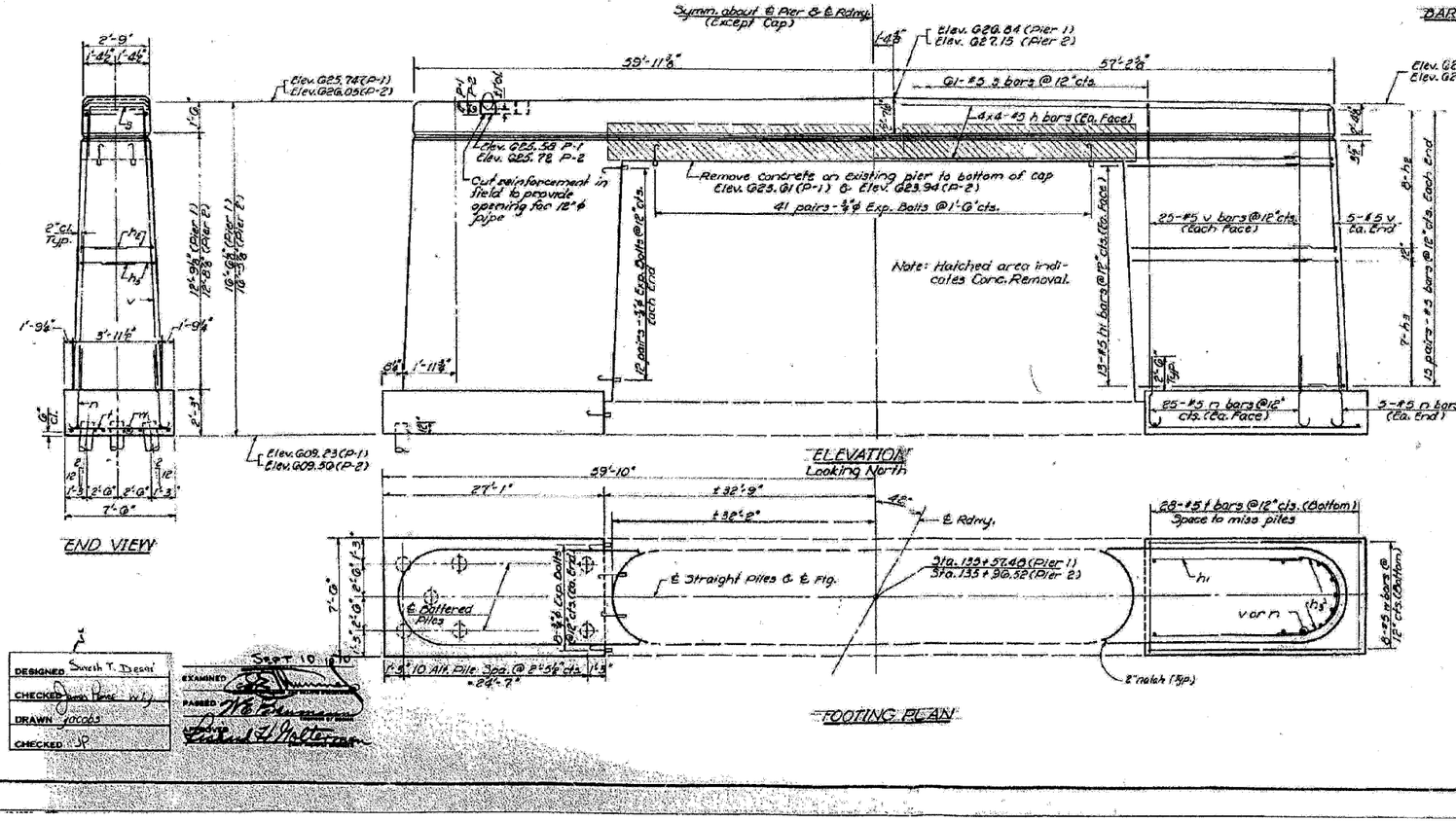
TOP PLAN



NOTCH DETAIL



BARS h2 & h3 BAR 3 BAR n



2 PIERS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	64	#9	30'-3"	
h1	104	#5	20'-9"	
h2	64	#5	4'-0"	
h3	56	#5	4'-9"	
n	220	#5	4'-10"	
s	122	#5	7'-11"	
t	112	#5	7'-3"	
v	220	#5	13'-9"	
w	32	#5	26'-9"	
Concrete Removal		Cu. Yds.	24	
Class A Concrete		Cu. Yds.	312.7	
Reinforcement Bars		Lbs.	12490	
Expansion Bolts (¾"ϕ)		Each	292	
Untreated Piles		Lin. Ft.	1673	
Test Pile (Timber)		Each	1	

DESIGNED	Sweth T. Desai
CHECKED	Sweth T. Desai
DRAWN	JPC/CBS
CHECKED	SP
EXAMINED	
PASSED	

SEPT. 10 19 79

PIER 2
S.B.I. RT. 48 SEC. 130BR
MACON COUNTY
STA. 135+77.00

Rev. 4-10-79

ESCA CONSULTANTS, INC.		
DESIGNED BY:	ELH	02/07
DRAWN BY:	JPC	02/07
CHECKED BY:	ELH	02/07
APPROVED BY:	RDP	02/07

EXISTING BRIDGE PLANS
FAP ROUTE 716 (IL 48)
OAKLAND AVENUE
SECTION (130BR-1)BR
MACON COUNTY
SN 058-0056