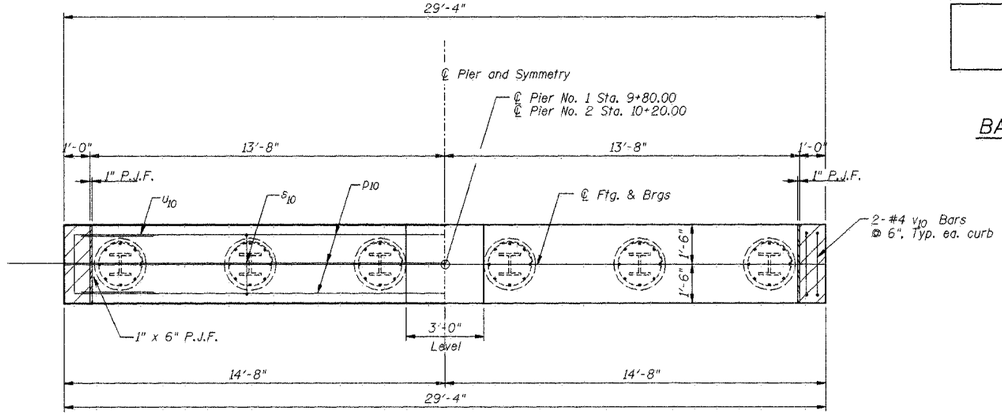
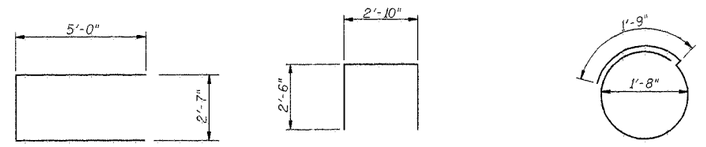
CONTRACT # 91328

ROUTE NO.	DIRECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 43	*	PIATT	11	6
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

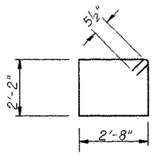
*04-04124-00-BR



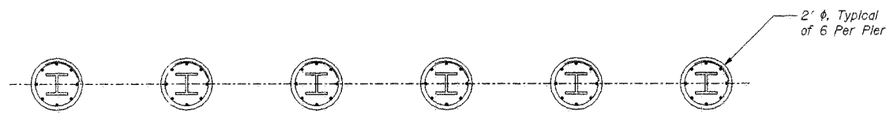
PLAN



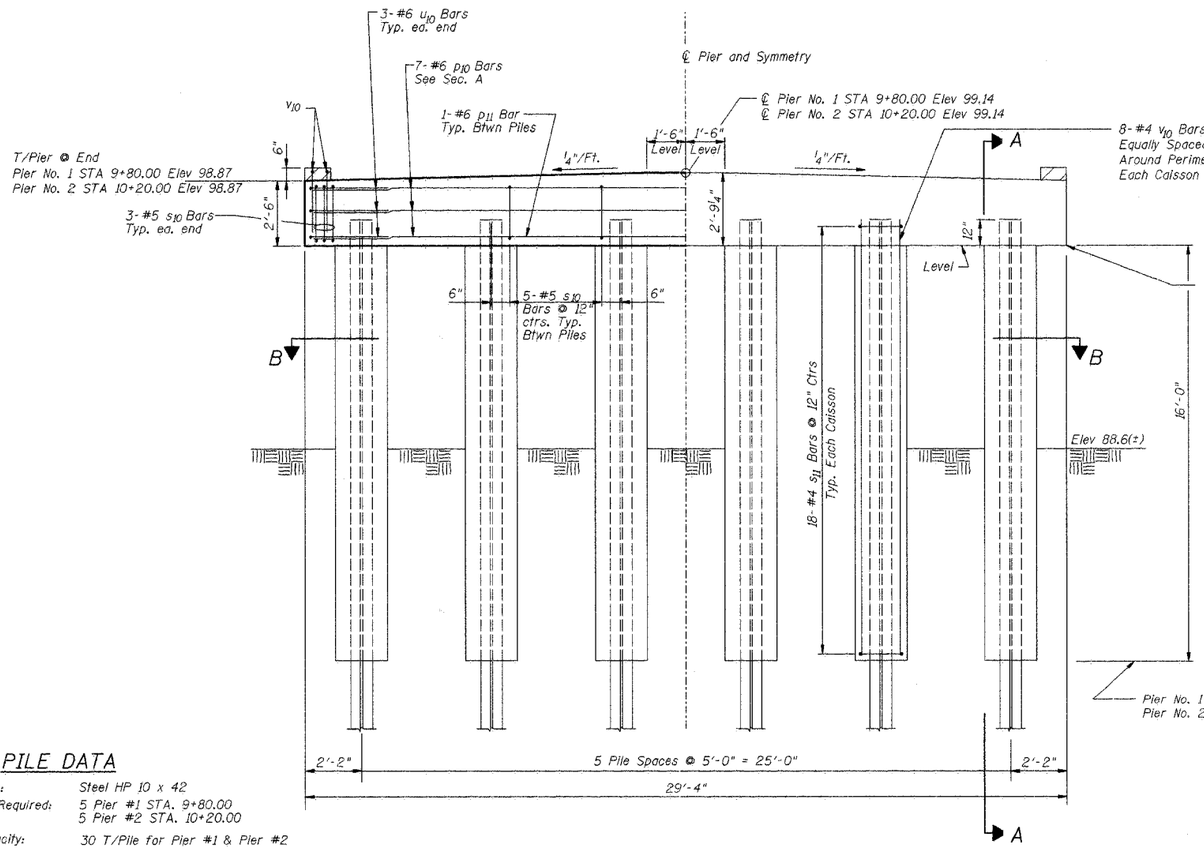
BAR u_{10} BAR v_{10} BAR s_{11}



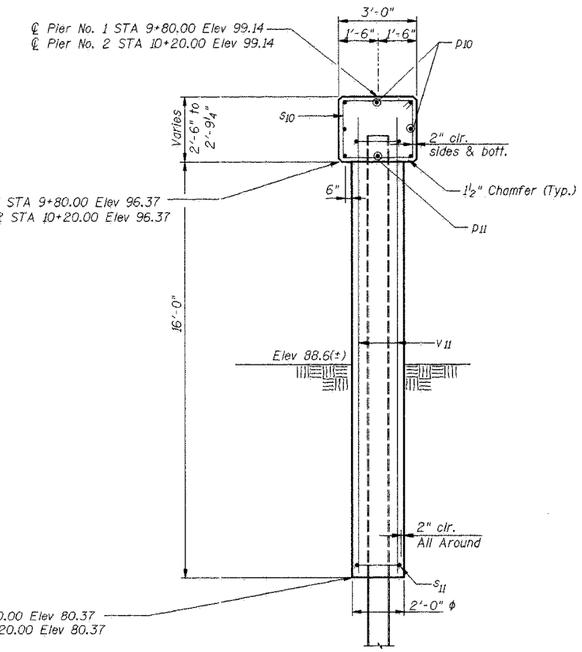
BAR s_{10}



SECTION B-B



ELEVATION



SECTION A-A

PILE DATA

Type:	Steel HP 10 x 42
No. Required:	5 Pier #1 STA. 9+80.00 5 Pier #2 STA. 10+20.00
Capacity:	30 T/Pile for Pier #1 & Pier #2
Est. Length:	48 Ft. Pier #1 & Pier #2
Test Piles:	1 @ Pier #1 1 @ Pier #2

BILL OF MATERIAL-2 PIERS

Bar	No.	Size	Length	Shape
h_{10}	68	#5	26'-4"	
p_{10}	14	#6	29'-0"	
p_{11}	12	#6	3'-8"	
s_{10}	62	#5	10'-7"	
s_{11}	216	#4	7'-0"	
u_{10}	12	#6	12'-7"	
v_{10}	8	#4	7'-10"	
v_{11}	96	#4	17'-0"	
Concrete Structures		Cu. Yds.	39.8	
Reinforcement Bars		Lbs.	5600	
Test Pile, Steel HP10x42		Each	2	
Furnish Steel Piles, HP10x42		Foot	480	
Driving Steel Piles		Foot	480	
Metal Shoes		Each	10	
Structure Excavation		Cu. Yds.	100	

FRAUENHOFFER
Frauenhoffer and Associates, P.C. Consulting Engineers
3002 Crossing Court Champaign, Il. 61822 217-351-6268

PIERS

GOOSE CREEK ROAD DISTRICT
SECTION 04-04124-00-BR
PIATT COUNTY

SHEET 6
DWG NO. 4067-pr.dgn
DATE DEC 2004
PROJ NO. 4067