STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

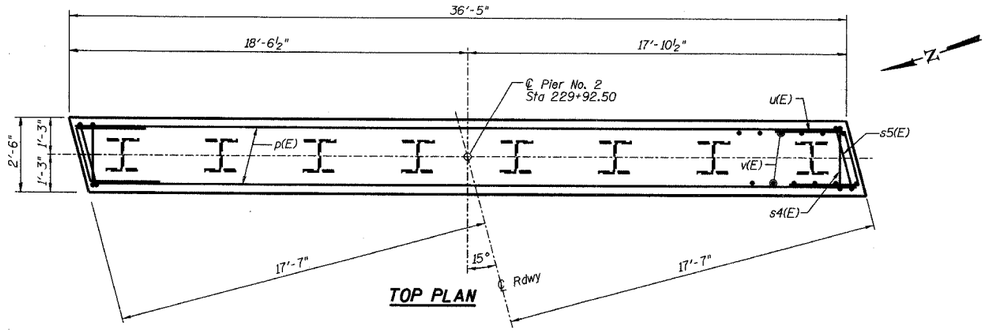
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1197	105BR-2	WHITESIDE	59	25
FED.ROAD DIST.NO.		ILLINOIS	PROJECT	

Sheet No. 10 of 11 Sheets

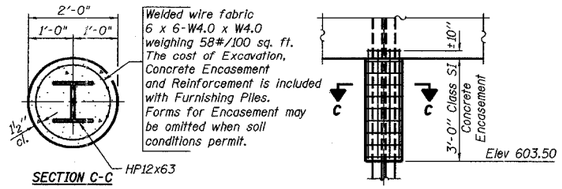
CONTRACT 64421

PILE DATA

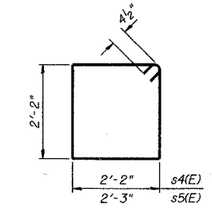
Type: HP12x63
Capacity: Driven to refusal
Est. Length: 55'
No. Required: 8



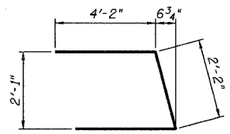
TOP PLAN



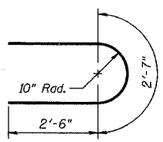
PILE ENCASEMENT DETAIL



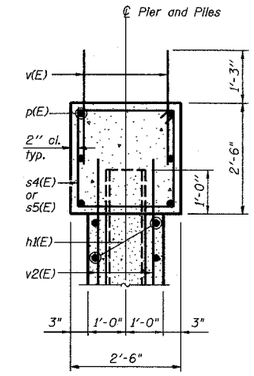
BARS s4(E) & s5(E)



BAR u(E)



BAR u1(E)

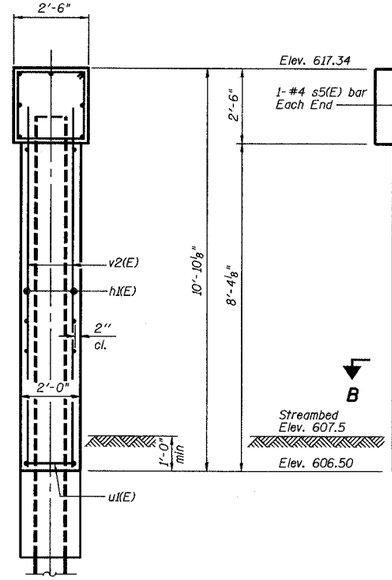


SECTION A-A

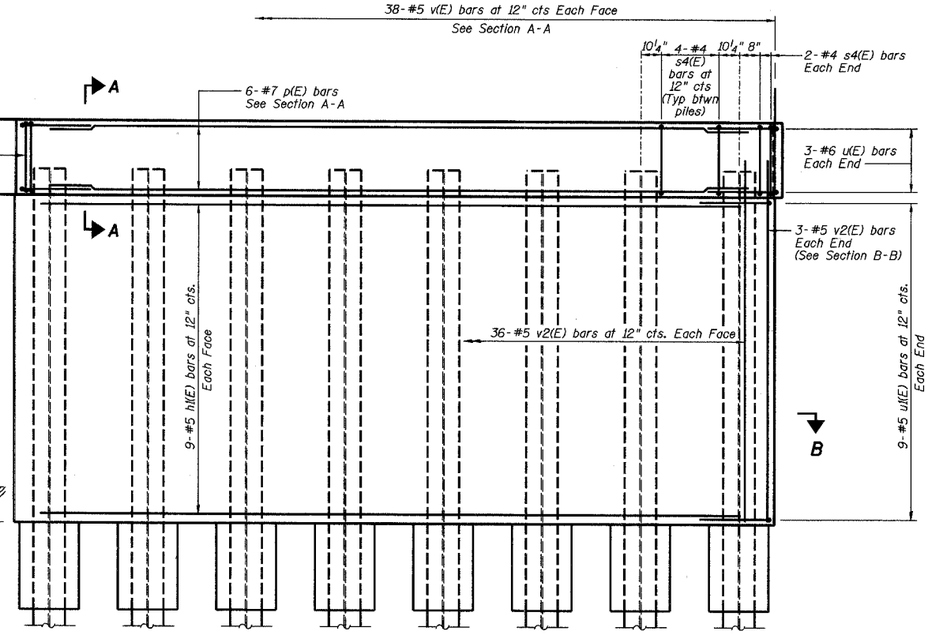
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	18	#5	33'-0"	
p(E)	6	#7	36'-1"	
s4(E)	32	#4	9'-5"	
s5(E)	2	#4	9'-7"	
u(E)	6	#6	10'-6"	
u1(E)	18	#5	7'-7"	
v(E)	76	#5	3'-5"	
v2(E)	78	#5	9'-9"	
Structure Excavation		Cu. Yd.	9	
Concrete Structures		Cu. Yd.	30.4	
Reinforcement Bars, Epoxy Coated		Pound	2580	
Furnishing Steel Piles HP12x63		Foot	440	
Driving Steel Piles		Foot	440	
Underwater Structure Excavation Protection - Location 2		Each	1	

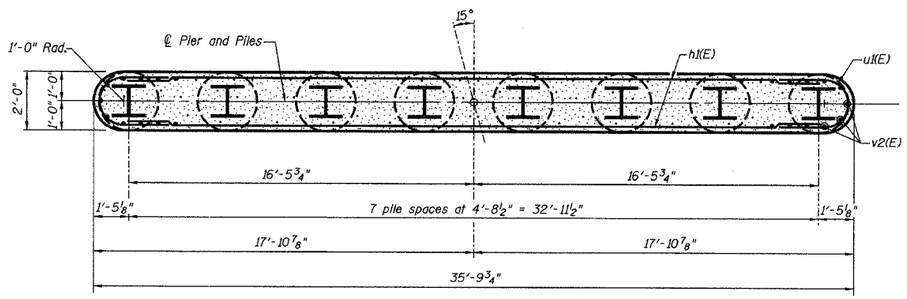
Reinforcement Bars designated (E) shall be epoxy coated.



END VIEW



ELEVATION
(Looking Upstation)



SECTION B-B

PIER NO. 2 DETAILS

REVISIONS		
No.	DATE	INITIALS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

MOLINE ROAD OVER UNNAMED TRIBUTARY TO ROCK RIVER

FAS ROUTE 1197 SECTION 105BR-2

SN 098-0110

STA 229+67.50 WHITESIDE COUNTY

HOMER L. CHASTAIN & ASSOCIATES, LLP
CONSULTING ENGINEERS
184-001397

DRAWN BY DATE	R King 8/04
CHECKED BY DATE	CMV 8/04
QA/QC BY DATE	CWC 8/04
BOOK NUMBER	
PROJECT No.	4858-3
SHEET No.	

\CADD_Structural\pier2.dgn 11/08/2004 08:19:03 AM