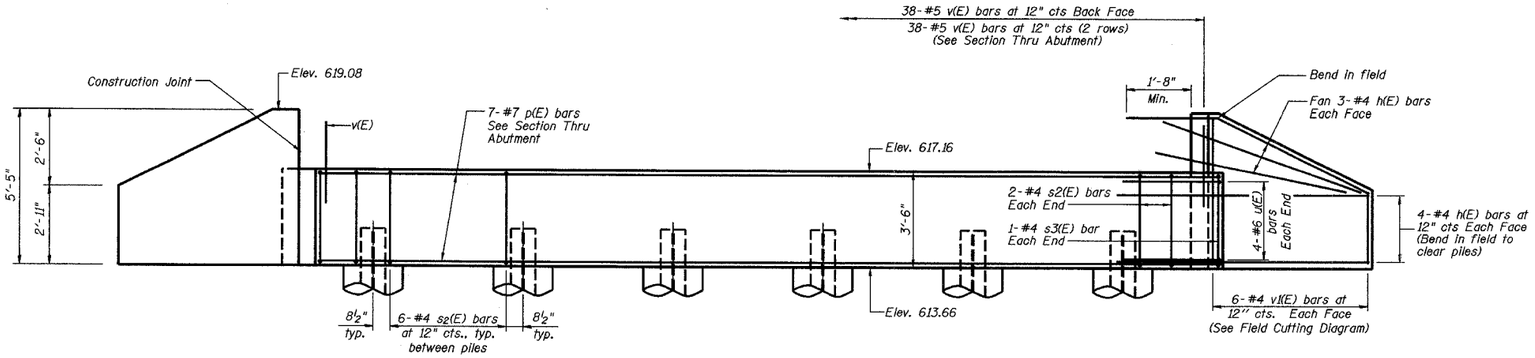
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

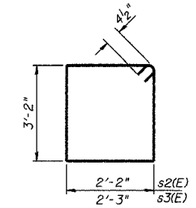
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1197	105BR-2	WHITESIDE	59	23
FED.ROAD DIST.NO.		ILLINOIS	PROJECT	

Sheet No. 8 of 11 Sheets

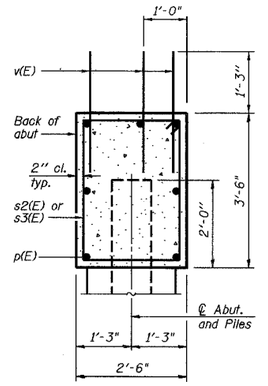
CONTRACT 64421



ELEVATION
(Looking East)



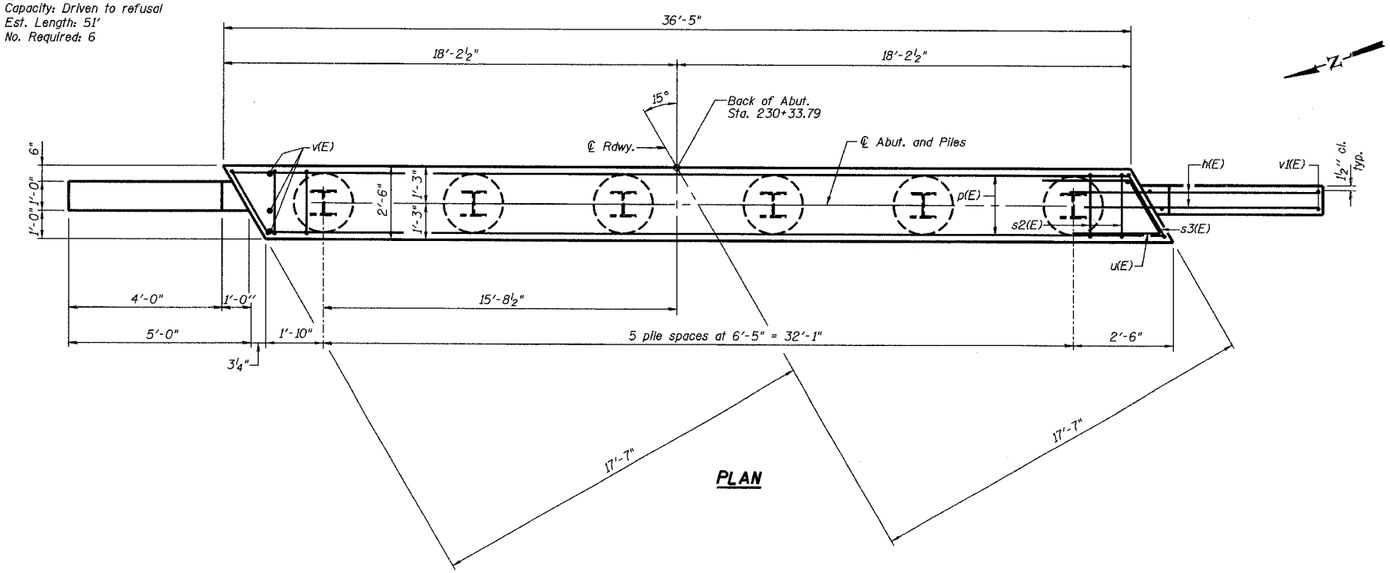
BARS s2(E) & s3(E)



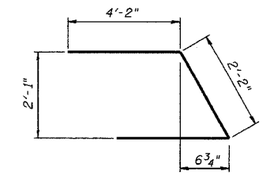
SECTION THRU ABUTMENT

PILE DATA

Type: HP12x63
Capacity: Driven to refusal
Est. Length: 51'
No. Required: 6



PLAN

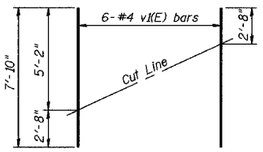


BAR u(E)

BILL OF MATERIAL

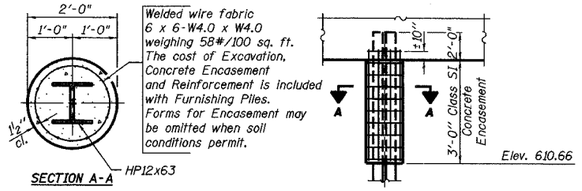
Bar	No.	Size	Length	Shape
h(E)	28	#4	7'-3"	
p(E)	7	#7	36'-1"	
s2(E)	34	#4	11'-5"	
s3(E)	2	#4	11'-7"	
u(E)	8	#6	10'-6"	
v(E)	114	#5	3'-5"	
v1(E)	12	#4	7'-10"	
Structure Excavation		Cu. Yd.	35	
Concrete Structures		Cu. Yd.	13.4	
Reinforcement Bars, Epoxy Coated		Pound	1520	
Furnishing Steel Piles HP12x63		Foot	306	
Driving Steel Piles		Foot	306	

Reinforcement bars designated (E) shall be epoxy coated.



FIELD CUTTING DIAGRAM

Order v1(E) full length. Cut as shown and use remainder of bars in opposite face.



PILE ENCASEMENT DETAIL

EAST ABUTMENT 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.	