



**PILE DATA**

Type	Metal Shell 12" w/1/4" Walls
No Required	8
Capacity	40 Tons
Est. Length E. Abut.	32 Ft.

Note: Do not overdrive Piles

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h2(E)	28	#5	6'-2"	—
p5(E)	3	#7	21'-6"	—
p6(E)	9	#7	19'-8"	—
s4(E)	39	#5	11'-7"	□
s5(E)	2	#5	10'-11"	□
u2(E)	8	#6	9'-8"	∩
v2(E)	126	#5	3'-0"	—
v3(E)	10	#5	8'-6"	—
Item		Unit	Oty.	
Concrete Structures		Cu. Yd.	14.9	
Reinforcement Bars Epoxy Coated		Pound	1767	
Structure Excavation		Cu. Yd.	46	
Furnishing Metal Pile Shells 12"		Foot	256	
Driving and Filling Shells		Foot	256	

Notes:  
Reinforcement Bars designated (E) shall be epoxy coated.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EAST ABUTMENT DETAILS**  
**US ROUTE 136 OVER BIG DITCH**  
**FAP RTE. 709 SECTION 105BR-5**  
**STA. 2078+57.63**  
**CHAMPAIGN COUNTY STR. NO. 010-0276**  
 SCALE: NTS  
 DATE 11-2001  
 DRAWN BY LP  
 CHECKED BY MJS