



PILE DATA
 Type: 14" Metal Shell Pile
 Capacity: 51 Tons/Pile
 Est. Length: 42 Ft.
 No. Req'd: 13 + 1 Test Pile

DESIGNED	S.S.T.
CHECKED	S.D.H.
DRAWN	E.B.
CHECKED	S.S.T.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_{10} (E)	14	#5	41'-0"	—
n_{10} (E)	126	#7	4'-8"	U
t_{10} (E)	34	#6	6'-6"	—
u_{10} (E)	14	#5	10'-2"	U
v_{10} (E)	126	#7	6'-0"	—
w_{10} (E)	6	#5	45'-6"	—

Cofferdam Excavation	Cu. Yd.	143
Cofferdams	Each	1
Concrete Structures	Cu. Yd.	54.7
Seal Coat Concrete	Cu. Yd.	61.1
Reinforcement Bars, Epoxy Coated	Pound	4,110
Furnishing Metal Shell Piles 14"	Foot	546
Driving Piles	Foot	546
Test Pile Metal Shells	Each	1

Reinforcement Bars designated (E) shall be epoxy coated.

FOR INFORMATION ONLY

PIER 2
 IL Route 176 over
 South Branch of the Kishwaukee River
 F.A.P. RTE 533, SECTION 11 R-1-1-1
 McHENRY COUNTY
 STATION 51+50.00
 DATE: 06-29-07 S.N. 056-0071
 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC
 CHICAGO ILLINOIS

- Notes:
- The cofferdam design Water Elevation = 816.3
 - The plan dimensions of the Seal Coat Concrete is 11' x 50'.
 - The Seal-Coat Concrete thickness is 3'-0".
 - Space reinforcement in cap to miss anchor bolts.
 - Pour steps monolithically with cap.

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