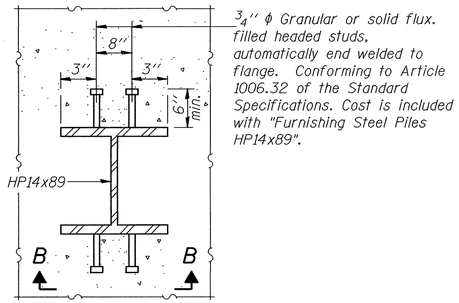
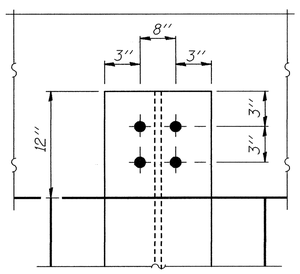
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 885	5B-1	HARDIN		45
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

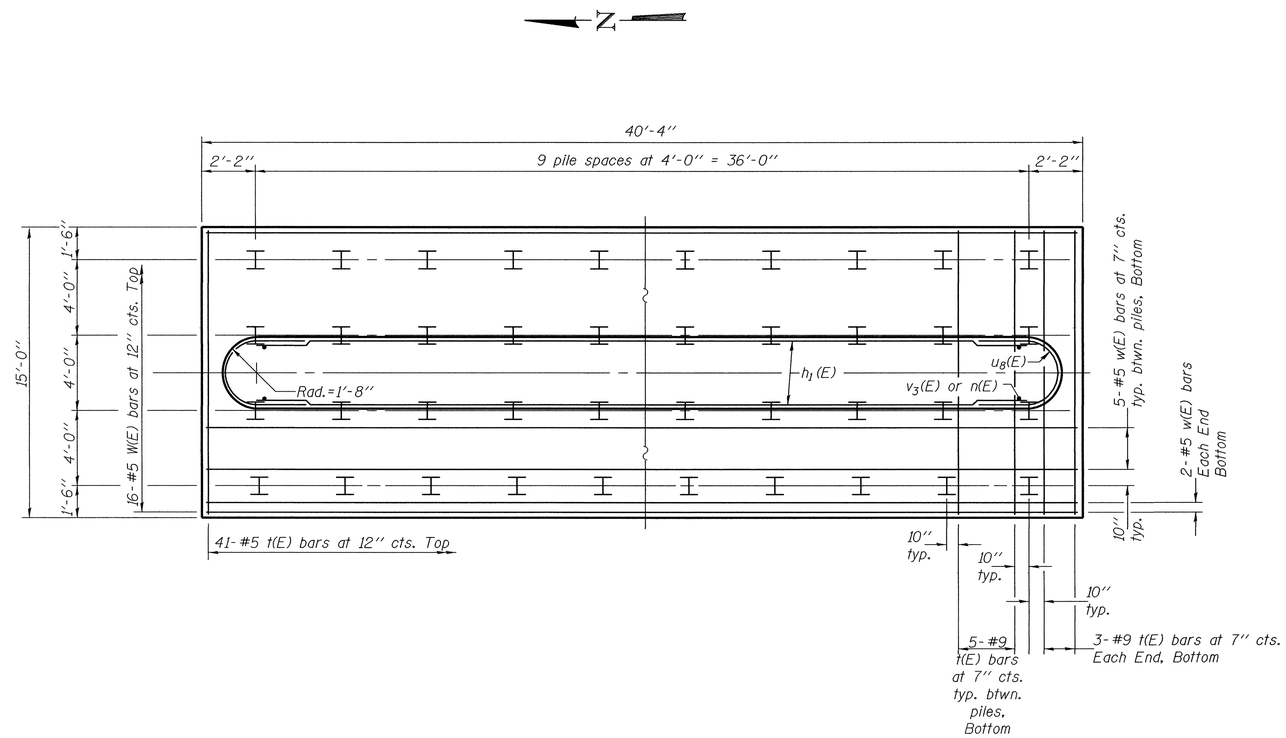
SHEET NO. 19
34 SHEETS
98648



DETAIL A



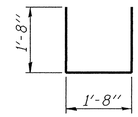
VIEW B-B



SHOWING REINFORCEMENT IN THE TOP OF THE FOOTING

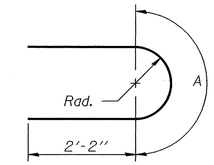
SHOWING REINFORCEMENT IN THE BOTTOM OF THE FOOTING

FOOTING PLAN

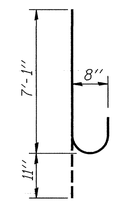


BAR u_1(E)

Bar	Radius	A
u_2(E)	10"	2'-7"
u_3(E)	10½"	2'-9"
u_4(E)	11"	2'-10"
u_5(E)	11½"	3'-0"
u_6(E)	12"	3'-1"
u_7(E)	1'-0½"	3'-3"
u_8(E)	1'-1"	3'-5"



BAR u_2(E) thru u_8(E)



BAR n(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_1(E)	95	#5	36'-0"	
n(E)	106	#8	8'-0"	
t(E)	92	#9	14'-8"	
u_1(E)	37	#4	5'-0"	
u_2(E)	12	#5	6'-11"	
u_3(E)	12	#5	7'-1"	
u_4(E)	14	#5	7'-2"	
u_5(E)	14	#5	7'-4"	
u_6(E)	14	#5	7'-5"	
u_7(E)	14	#5	7'-7"	
u_8(E)	14	#5	7'-9"	
v_3(E)	106	#8	25'-0"	
v_4(E)	106	#7	24'-5"	
w(E)	35	#5	40'-0"	
Concrete Structures			Cu. Yd.	252.2
Reinforcement Bars, Epoxy Coated			Pound	25,090
Cofferdam Excavation			Cu. Yd.	748.7
Furnishing Steel Piles HP14x89			Ft.	3315
Driving Steel Piles			Ft.	3315
Test Pile Steel HP14x89			Each	1
Sealcoat Concrete			Cu. Yd.	187.2
Metal Shoes			Each	39
Cofferdam (Pier 1)			Each	1

Reinforcement Bars designated (E) shall be epoxy coated.

DESIGNED	T.L.K.
CHECKED	J.E.K.
DRAWN	BECKY M. CURRY
CHECKED	T.L.K. & T.R.B.

January 15, 2004
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

PIER 1 DETAILS
F.A.P. ROUTE 885 - SECTION 5B-1
HARDIN COUNTY
STATION 280+80.00
STRUCTURE NO. 035-0014

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