



Notes:
 For Electrical Conduit Location, see Sheet 5.
 The guard rail shall be transitioned to a vertical position between the end of wing and the first post.
 W.W. denotes West Wing Wall, and E.W.W. denotes East Wing Wall.
 E.F. denotes Each Face, B.F. denotes Back Face, and F.F. denotes Front Face.

PILE DATA
 Type: Concrete
 Capacity: 40 Tons
 Est. Length: 77'
 No. Required: *11
 * Includes 1 Test Pile

DESIGNED	P.C.A.
CHECKED	R.B.D.
DRAWN	P.C.A.
CHECKED	R.B.D.

ONE ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h ₁	8	#5	4'-9"	J
h ₂	8	#5	4'-9"	J
h ₃	22	#4	11'-3"	—
h ₅	8	#5	42'-3"	—
h ₆	3	#6	42'-3"	—
h ₉	3	#5	7'-2"	—
h ₁₇	14	#4	11'-3"	—
n ₄	12	#6	4'-11"	J
n	18	#6	9'-10"	U
p ₁	12	#7	11'-0"	—
p ₂	8	#7	43'-5"	—
s	43	#4	15'-5"	□
s ₁	22	#4	9'-5"	□
s ₂	8	#4	8'-2"	□
u	4	#6	12'-0"	—
u ₁	4	#6	10'-4"	J
v	61	#4	5'-10"	—
v ₁	18	#6	7'-2"	—
v ₂	24	#6	7'-1"	—
v ₃	43	#6	3'-5"	—
v ₄	25	#5	6'-10"	—
v ₁₀	6	#6	7'-3"	—
Class X Concrete		Cu. Yds.	51	
Reinforcement Bars		Pound	4,160	
Concrete Piles		Lin. Ft.	770	
Test Piles (Concrete)		Ea.	1	

NORTH ABUTMENT SOUTHBOUND BRIDGE
 F.A. 412 SECTION 103-2VB
 F.A. 412 OVER B.N.R.R.
 LEE COUNTY
 STATION 1175+47.10
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION