

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	59
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SHEET NO. B32  
OF 35 SHEETS

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

F.A.I. 80

SHEET NO. 6  
9 SHEETS

**ELEVATION**  
At Right to E. Abutment

**FILE DATA**  
Capacity 250 Tons  
Ext. Length 50' 0"  
No. Piles 12 (2 Abut.)  
2 Root Piles

**DETAIL 7A**

**DETAIL 7B**

**SIDE ELEVATION**

**INSIDE ELEVATION OF BRACKET**

**PLAN OF ABUTMENT**  
Dimensions

**PLAN OF ABUTMENT**  
Reinforcement & Pile Spacing

**BILL OF MATERIAL - 2 ABUTMENTS**

Bar No	Size	Length	Shape	Bar No	Size	Length	Shape
1	#4	18'-3"		72	#4	12'-0"	
2	#4	5'-3"		73	#4	9'-3"	
3	#5	10'-8"		74	#3	5'-0"	
4	#3	12'-8"		75	#6	12'-6"	
5	#3	2'-0"		76	#6	12'-6"	
6	#5	3'-9"		77	#4	5'-0"	
7	#4	5'-3"		78	#4	5'-0"	
8	#6	14'-6"		79	#4	5'-0"	
9	#6	3'-0"		80	#4	5'-0"	
10	#7	36'-0"		81	#4	5'-0"	
Class X Concrete		Cu Yds	55.5	Test Piles (Spec.)			
Reinforcement Bars		Lbs	4360	Each			
Crested Piles		Lin Ft	100				
Concrete Piles		Lin Ft	360				

**N.S. ABUTMENTS**  
BRIDGE OVER FA.I RT 6  
FA.I RT 6 SEC. 32-3HB-1  
GRUNDY COUNTY  
STA. 1266 + 24.59 (FA.I 6)

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING PLANS  
F.A.I. 80 (I-80)  
F.A.U. 5974 (ASHLEY ROAD) OVER I-80  
SECTION 32-3HBR-1  
GRUNDY COUNTY  
STATION 110+00.00 STRUCTURE NO. 032-0113  
DESIGNED BY: JML  
DRAWN BY: DJM  
DATE: 09/09/05  
CHECKED BY: MSW

FOR INFORMATIONAL  
USE ONLY