



**NOTES**

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR DOWELS.

FOR PILE SPLICE DETAILS, SEE END BENT SHEETS 3 OF 3.

THE LATERAL GUIDE AT EACH END OF CAP IS NOT TO BE POURED UNTIL AFTER THE CORED SLAB UNITS ARE IN PLACE.

BILL OF MATERIAL					
BENT #1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	#9		40'-8"	553
B2	2	#5	STR	38'-3"	80
B3	4	#9	STR	38'-3"	520
B4	10	#4	STR	2'-8"	18
B5	8	#4	STR	20'-4"	109
B6	4	#4	STR	2'-8"	7
D1	48	#6	STR	1'-6"	108
S1	34	#5		7'-10"	278
S2	18	#4		7'-7"	91
U1	6	#4		5'-0"	20
U2	4	#4		5'-6"	15
U3	2	#9		9'-10"	67
U4	8	#4		3'-6"	19
TOTAL REINFORCING STEEL				LBS.	1885
CLASS "A" CONCRETE BREAKDOWN					
POUR #1 (CAP)				C.Y.	10.7
POUR #2 (LATERAL GUIDE)				C.Y.	0.1
TOTAL CLASS "A" CONCRETE				C.Y.	10.8
HP 14 x 73 STEEL PILES					
NO. 9		LIN. FT.		405	
BAR TYPES					
ALL BAR DIMENSIONS ARE OUT TO OUT					

PROJECT NO. B-3711

WAYNE COUNTY

STATION: 18+53.50 -L-

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUBSTRUCTURE  
BENT #1

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-11  
TOTAL SHEETS 19

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 14045  
THOMAS L. COGGIN  
Timothy L. Coggin 10/20/04

DRAWN BY: T.L. AVERETTE DATE: 5-04  
CHECKED BY: PEGGY ADKINS DATE: 5-04