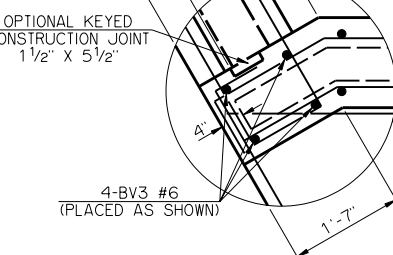


PILE SCHEDULE	
SPAN	MAXIMUM FACTORED PILE LOAD
55'	74.8 TON
60'	78.7 TON
65'	81.4 TON
70'	84.2 TON
75'	87.1 TON



PEDESTAL DIMENSIONS		
SPAN	P1	P2
55'	9 1/16"	11 1/4"
60'	6 1/2"	8 11/16"
65'	4 1/2"	6 3/4"
70'	4 1/4"	6 7/16"
75'	2"	4 3/16"

SUMMARY OF QUANTITIES - ONE ABUTMENT ③		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	CY	80.00
GRANULAR BACKFILL	CY	45.00
CLASS A CONCRETE	CY	30.10
REINFORCING STEEL	LB	3,630.00
PILES, FURNISHED (HP 12 x 53)	LF	-
PILES, DRIVEN (HP 12 x 53)	LF	-
6" PERFORATED PIPE UNDERDRAIN ROUND	LF	37.00
6" NON-PERF. PIPE UNDERDRAIN RND.	LF	-

③ EXCLUDES WINGS

① DIMENSIONS ARE FROM TOP OF BRIDGE SEAT AT FRONT FACE OF BACKWALL.
 ② ALL WT WING REINFORCING STEEL TIED TO THE ABUTMENT BRIDGE SEAT, BACKWALL AND CURTAIN WALL REINFORCING STEEL MUST BE IN PLACE PRIOR TO POURING ABUTMENT CONCRETE. FOR ADDITIONAL INFORMATION SEE WING DETAILS.

APPROVED BY BRIDGE ENGINEER *Robert J. Rusch* DATE 10/16/05
 OKLAHOMA DEPARTMENT OF TRANSPORTATION
 COUNTY BRIDGE STANDARD (ENGLISH)
ABUTMENT DETAILS
55' THRU 75' ROLLED BEAMS
(SHEET NO. 1 OF 2)
32' CLEAR ROADWAY - CONVENTIONAL - SKEWED 30°
 1999 STANDARD SPECIFICATIONS CB32-C-SK30-ABUT-RB-5575-1 OOE CB-580E

