

### EARTHWORK BALANCE CARD

Volumes in Cubic Yards

PROJECT: B-3450, BRIDGE NO. 217 OVER TRIB. OF SANDY CREEK  
AND BRIDGE NO. 122 OVER SANDY CREEK

COUNTY: DURHAM COUNTY

DATE: 12/19/03

COMPILED BY: M. BRAME

SHEET 1 OF 1

STATION	STATION	EXCAVATION					EMBANKMENT			BORROW	WASTE				
		TOTAL UNCLASSIFIED	ROCK	UNDERCUT	UNSUITABLE UNCLASSIFIED	SUITABLE UNCLASSIFIED	TOTAL	ROCK	EARTH		EMBANK. + 20%	ROCK	SUITABLE	UNSUITABLE	TOTAL
<b>SUMMARY 1</b>															
-DET1-	Sta. 1+12.19	Sta. 6+84.08	78												
-DET2-	Sta. 1+48.07	Sta. 3+50 BR	49				5,487		5,487	6,584	6,506				
-DET2-	Sta. 4+20 BR	Sta. 5+86.05	65				457		457	548	499				
	SUBTOTAL		192				2,145		2,145	2,574	2,509				
							8,088		8,088	9,706	9,514				
<b>SUMMARY 2</b>															
-L-	Sta. 10+00	Sta. 13+86 BR	108												
-L-	Sta. 14+76 BR	Sta. 21+82 BR	51				584		584	701	593				
-L-	Sta. 22+92 BR	Sta. 26+00	170				3,769		3,769	4,523	4,472				
	SUBTOTAL		329				813		813	975	805				
							5,166		5,166	6,199	5,870				
<b>SUMMARY 3</b>															
-DET1-	Sta. 1+12.19	Sta. 6+84.08	5262												
-DET2-	Sta. 1+48.07	Sta. 3+50 BR	574				155		155	186	0		5076	5076	
-DET2-	Sta. 4+20 BR	Sta. 5+86.05	967				276		276	331	0		243	243	
	SUBTOTAL		6803				143		143	171	0		796	796	
							573		573	688	0		6115	6115	
TOTAL			7324				7324		13,827	13,827	16,593	15,384		6115	6115
ESTIMATE FOR SHOULDER MATERIAL LOSS DUE TO CLEARING & GRUBBING			-500				-500		825	825	990	990			
PROJECT TOTALS			6824				6824		14,652	14,652	17,583	16,874		6115	6115
EST. FOR REPL. TOPSOIL ON BORROW PITS												845			
GRAND TOTALS			6824									17,719			
SAY			6830									17,720			

ESTIMATED UNDERCUT EXCAVATION = 500 CY      DDE = 230 CY  
 -L- PAVEMENT STRUCTURE VOLUME = 241 CY  
 -DET1- PAVEMENT STRUCTURE VOLUME = 18 CY  
 -DET2- PAVEMENT STRUCTURE VOLUME = 32 CY

STATE PROJECT NO.: 33070.3.1  
 F.A. PROJECT NO.: BRSTP-1116(4)