

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-5326

COUNTY: Wake

DATE: 11/13/2018

COMPILED BY: HEC

SHEET OF SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNSUIT.	TOTAL
P1 10+50.00-L-/10+50.08 - DET-	P1 16+99.19 -L-/17+12.50 - DET-	463				463	908		908	1,090	627				
P1 17+74.18 -L-/17+87.50 - DET-	P1 25+50.00 -L-/25+65.68 - DET-	621				621	2,410		2,410	2,892	2,271				
P2 10+30.00 -L-	P2 17+00.00 -L-	173				173	4,818		4,818	5,782	5,609				
P2 18+45.01 -L-	P2 24+70.00 -L-	132				132	6,336		6,336	7,603	7,471				
10+90.00-TRAIL-	11+60.00-TRAIL-	274				274								274	274
	SUBTOTAL	1,663				1,663	14,472		14,472	17,367	15,978			274	274
P3 10+50.00-L-/10+50.08 - DET-	P3 16+99.19 -L-/17+12.50 - DET-	908				908	463		463	556				352	352
P3 17+74.18 -L-/17+87.50 - DET-	P3 25+50.00 -L-/25+65.68 - DET-	2,410				2,410	621		621	745				1,665	1,665
P4 10+30.00 -L-	P4 16+94.99 -L-	50				50	1,353		1,353	1,624	1,574				
P4 18+45.01 -L-	P4 24+70.00 -L-	175				175	779		779	935	760			58	58
10+60.00 -TRAIL-	10+90.00 -TRAIL-	58				58								58	58
	SUBTOTAL	3,601				3,601	3,216		3,216	3,860	2,334			2,075	2,075
WASTE IN LIEU OF BORROW															
	SUBTOTAL														
	SUBTOTAL														
	TOTAL	5,264				5,264	17,688		17,688	21,227	18,312			2,349	2,349
MATERIAL FOR SHOULDER CONSTRUCTION															
LOSS DUE TO CLEARING & GRUBBING															
ADDITIONAL UNDERCUT															
ROCK WASTE TO REPLACE BORROW															
ADJUST FOR ROCK WASTE															
WASTE IN LIEU OF BORROW											-2,349			-2,349	-2,349
	PROJECT TOTAL	5,264				5,264	17,688		17,688	21,227	15,963				
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											798				
	GRAND TOTAL					5,264	17,688		17,688	21,227	16,761				
	SAY					5,300					16,800				

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAY DESIGN UNIT. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.