

R-2206 CLUSTERED PROJECT		Volumes in Cubic Meters										R-2206B/R-2206C				
PROJECT: B/C		COUNTY: LINCOLN & CATAWBA				DATE: 8/1/04		COMPILED BY: S. E. CALHOUN			SHEET 4 OF 4					
RD10S01C	STATION	STATION	EXCAVATION				EMBANKMENT				WASTE					
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. 20%	BORROW	ROCK	SUITABLE	UNSUIT.	TOTAL
SHEET 2 TOTALS			1737291	75233	4000		1662058	1493876	51885	1441991	1776949	1089451	23348	1021121	4000	1048469
DETOUR REMOVAL																
Y11DET	10+30.000	13+02.984	1137				1137	553		553	664			473		473
Y13DET	10+28.837	12+54.549	407				407	3663		3663	4396	3989				
Y14DET	10+24.726	20+09.431	1309				1309	19170		19170	23004	21695				
Y19DET	10+00.000	11+40.000	121				121	1036		1036	1243	1122				
SUBTOTAL			2974				2974	24422		24422	29307	26806		473		473
PROJECT "R-2206C" TOTALS:			1740265	75233	4000		1665032	1518298	51885	1466413	1806256	1116257	23348	1021594	4000	1048942
PROJECT B/C TOTALS:			3477382	77753	17975		3399629	3141565	54405	3087160	3751155	2232795	23348	1927830	17975	1969153
EST. 5% REDUCTION IN UNCL. EXC DUE TO CLEARING AND GRUBBING			-173869				-173869					173869				
SHOULDER MAT'L								4085		4085	4902	4902				
ADDITIONAL UNDERCUT PER GEOTECH					10940			10940		10940	13128	13128		5000	5940	10940
HARD ROCK IN LIEU OF BORROW ADJUST FOR ROCK WASTE									23348	-23348		-23348	-23348			-23348
WASTE IN LIEU OF BORROW												-1932830		-1932830		-1932830
PROJECT TOTALS			3303513	77753	28915		3225760	3156590	77753	3078837	3764515	463846			23915	23915
5% TO REPLACE BORROW PIT												23192				
GRAND TOTALS			3303513									487038				
SAY			3303800									487200				