

### EARTHWORK SUMMARIES

PROJECT C201205 (R-2911D)

COUNTY Rowan

DATE 26-Jul-04

SHEET 2 OF 2 SHEETS

LINE	STATION	STATION	TOTAL					UNCL.			WASTE					
			EXCAV. (UNCL.)	ROCK EXCAV.	UNDERCUT EXCAV.	UNCL. EXCAV.	SUITABLE EXCAV.	TOTAL EMB.	ROCK EMB.	EARTH EMB.	EMB. +20%	BORROW	ROCK WASTE	SUITABLE WASTE	UNCL. WASTE	TOTAL WASTE
LRT	232+57.01	260+00.00	15,024	0	0	0	15,024	35,309	0	35,309	42,371	27,346	0	0	0	0
Y2rev	10+47.00	17+50.00	2,290	0	0	0	2,290	15,751	0	15,751	18,901	16,611	0	0	0	0
Y3rev	11+00.00	12+82.20	34	0	0	0	34	221	0	221	266	232	0	0	0	0
LRT	260+00.00	290+00.00	45,359	0	2,735	0	45,359	26,342	0	26,342	31,611	0	0	13,749	2,735	16,484
LRT	290+00.00	303+02.00	10,942	0	0	0	10,942	20,353	0	20,353	24,423	13,482	0	0	0	0
LRT	305+42.00	335+00.00	8,467	0	0	0	8,467	15,072	0	15,072	18,086	9,620	0	0	0	0
LRT	335+00.00	365+00.00	57,219	1,866	0	0	57,219	9,011	1,866	7,145	10,440	0	0	46,779	0	46,779
Y5	10+47.00	15+45.75	7,274	0	0	0	7,274	9	0	9	11	0	0	7,264	0	7,264
Y5DET	9+83.74	15+21.02	558	0	0	0	558	47	0	47	56	0	0	501	0	501
TEMP WIDENING			0	0	0	0	0	145	0	145	174	174	0	0	0	0
LRT	365+00.00	371+45.89	344	1	0	0	344	1,249	1	1,248	1,498	1,154	0	0	0	0
<b>SUBTOTAL #2</b>			149,763	1,867	2,735	0	149,763	174,516	1,867	172,649	209,044	127,574	0	68,292	2,735	71,027
<b>PROJECT TOTAL #1</b>			210,451	1,867	2,735	0	210,451	208,940	1,867	207,073	250,354	146,432	0	106,529	2,735	109,264
LOSS DUE TO CLEARING & GRU												10,523				
ESTIMATE FOR GRADE PT & ADD'L UNDERCUT					2,465			2,465		2,465	2,958	2,958				
SHOULDER MATERIAL								20,198		20,198	24,238	24,238				
USE WASTE TO REPLACE BORROW												-106,529		-106,529		-106,529
EST. 5% TO REPLACE TOPSOIL IN BORROW PIT												3,881				
<b>GRAND TOTAL</b>			199,928	1,867	5,200	0	199,928	231,603	1,867	229,736	277,550	81,503	0	0	2,735	2,735
<b>SAY</b>			<b>200,000</b>		<b>5,200</b>							<b>81,600</b>				

DRAINAGE DITCH EXCAVATION 450 CY  
 SELECT GRANULAR MATERIAL = 3,500 CY  
 PAVEMENT STRUCTURE VOLUM 25,800 CY