PROJECT NO. : R-2552AB SHEET No.

COMPUTED BY: HLE 2/8/05
CHECKED BY : DJC 2/8/ 05 (REV. HLE 5/2/05)

SUMMARY OF EARTHWORK

IN CUBIC METERS

LOCATION	UNCLASS. EXCAV.	ROCK EXCAV.	UNDERCUT EXCAV.	UNSUITABLE EARTH EXCAVATION	SUITABLE EARTH EXCAVATION	TOTAL EMB'T	EARTH EMB'T	ROCK EMB'T	EMB'T + % 20	BORROW	SELECT BORROW	ROCK WASTE	SUITABLE WASTE	UNSUITABLE WASTE	TOTAL WASTE
L 28+00.000 TO 37+00.000	226206	0	0	0	226206	17254	17254	0	20705	0	0	0	205501	0	205501
					0	0			0	0	0	0	0	0	0
	0	0	0	0	0	0			0	0	0	0	0	0	0
SUBTOTALS NO 1	226206	0	0	0	226206	17254	17254	0	20705	0	0	0	205501	0	205501
L 37+00.000 TO 41+00.000	1293	0	0	0	1293	34786	34786	0	41743	40450	0	0	0	0	0
L 41+00.000 TO 46+00.000	178150	4776	0	3882	169492	4251	0	4251	4251	0	0	525	169492	3882	173899
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS NO 2	179443	4776	0	3882	170785	39037	34786	4251	45994	40450	0	525	169492	3882	173899
L 46+00.000 TO 52+60.000	156508	0	0	3254	153254	10365	10365	0	12438	0	0	0	140816	3254	144070
L 52+60.000 TO 55+00.000	53312	0	0	114	53198	805	805	0	966	0	0	0	52232	114	52346
Y2 13+55.000 TO 18+18.000	3107	0	0	0	3107	1808	1808	0	2170	0	0	0	937	0	937
Y2 19+04.000 TO 24+00.000	316	0	0	0	316	1229	1229	0	1475	1159	0	0	0	0	0
RAMP -A- 11+65.000 TO 14+85.000	12338	0	1385	10437	1901	1723	1723	0	2068	167	0	0	0	11822	11822
RAMP -B- 11+40.000 TO 15+88.000	29407	0	0	0	29407	5631	5631	0	6757	0	0	0	22650	0	22650
RAMP -C- 11+80.000 TO 15+80.000	13664	0	0	0	13664	15654	15654	0	18785	5121	0	0	0	0	0
RAMP -D- 11+80.000 TO 16+00.000	4303	0	0	0	4303	9947	9947	0	11936	7633	0	0	0	0	0
Y2DET 16+20.000 TO 21+09.536	4229	0	0	0	4229	3253	3253	0	3904	0	0	0	325	0	325
Y2DET REMOVAL 16+60 TO 20+40	203	0	0	0	203	73	73	0	88	0	0	0	115	0	115
SERVICE ROAD -B- 9+80 TO 15+60	1221	0	0	0	1221	939	939	0	1127	0	0	0	94	0	94
SERVICE ROAD -D- 9+80 TO 13+05	2642	0	0	0	2642	4415	4415	0	5298	2656	0	0	0	0	0
Y3 10+00.000 TO 10+63.200	14	0	0	0	14	72	72	0	86	72	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL NO 3	281264	0	1385	13805	267459	55914	55914	0	67098	16808	0	0	217169	15190	232359
L 55+00.000 TO 59+00.000	1440	0	46	44	1396	55644	55644	0	66773	65377	0	0	0	90	90
		0	0	0	0	0		0	0	0	0	0	0	0	0
		0	0	0	0	0		0	0	0	0	0	0	0	0
		0	0	0	0	0		0	0	0	0	0	0	0	0
SUBTOTAL NO 4	1440	0	46	44	1396	55644	55644	0	66773	65377	0	0	0	90	90
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL NO 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	UNCLASS EXCAV.	ROCK EXCAV.	UNDERCUT EXCAV.	UNSUITABLE EXCAV.	SUITABLE EXCAV.	TOTAL EMB'T	EARTH EMB'T	ROCK EMB'T	EMB'T + %	BORROW	SELECT BORROW	ROCK WASTE	SUITABLE WDASTE	UNSUI8TABLE WASTE	TOTAL WASTE
PROJECT SUBTOTALS	688353	4776	1431	17731	665846	167849	163598	4251	200570	122635	0	525	592162	19162	611849
LOSS DUE TO CLEAR. & GRUB	-22000				-22000					0			-22000		-22000
ADDITIONAL UNDERCUT EXCAV.			8500	0	0	8500	8500	0	10200	10200	0		0	8500	8500
EST. FOR DRIVEWAYS	0				0	0	0	0	0	0					
EST. FOR PAV'T REMOVAL						0	0	0	0	0					
ROCK TO REPLACE BORROW							-525	525	0	0		-525			
ADJUST FOR ROCK WASTE									-105	-105					
WASTE IN LIEU OF BORROW										-132730			-132730		-132730
SHOULDER CONSTRUCTION							0		0	0					
LESS SELECT GRANURAL MAT'L															
PROJECT TOTALS	666353	4776	9931	17731	643846	176349	171573	4776	210665	0	0	0	437432	27662	465619
REPLACE TOP SOIL BOR. PITS										0					
GRAND TOTALS	666353		9931							0	0				
SAY	666400		10000							0	0				

PAVEMENT STRUCTURE VOLUME :	**47,410**	**m3**
DRAINAGE DITCH EXCAVATION :	**1,700**	**m3**
SHOULDER BORROW:	**33,100**	**m3**