EXAMPLE Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: I-5716 COUNTY: Catawba DATE: _____ COMPILED BY: _____ SHEET 1 OF 1 SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L- 20+69.00	-L- 46+50.00	9,497				9,497	2,911		2,911	3,348			6,149		6,149
-RPB- 21+00.00	-RPB- 26+50.00	916				916	521		521	599			317		317
	SUBTOTAL	10,413				10,413	3,432		3,432	3,947			6,466		6,466
-Y1- 17+00.00	-Y1- 23+00.00	182				182	293		293	337	155				
-LPA- 10+00.00	-LPA- 24+00.00	8,222	376			7,846	13,284	376	12,870	15,177	6,955				
-RPA- 15+50.00	-RPA- 24+50.00	28,077	5,807			22,270	176	176		176		5,631	22,270		27,901
	SUBTOTAL	36,481	6,183			30,298	13,753	552	13,163	15,690	7,110	5,631	22,270		27,901
-Y1- 27+00.00	-Y1- 35+10.00	196				196	295		295	339	143				
-RPC- 21+50.00	-RPC- 28+00.00	205				205	139		139	160			45		45
	SUBTOTAL	401				401	434		434	499	143		45		45
	SUBTOTAL														
TOTAL		47,295	6,183			41,112	17,619	552	17,029	20,136	7,253	5,631	28,781		34,412
LOSS DUE TO CLEARING & GRUBBING		-200				-200							-200		-200
ROCK WASTE TO REPLACE BORROW								5,631	-5,631		-5,631	-5,631			-5,631
ADJUST FOR ROCK WASTE										-845	-845				
WASTE IN LIEU OF BORROW											-777		-777		-777
PROJECT TOTAL		47,095	6,183			40,912	17,619	6,183	11,398	19,291			27,804		27,804
GRAND TOTAL		47,095	6,183			40,912	17,619	6,183	11,398	19,291			27,804		27,804
SAY		47,200													

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.
UNDERCUT EXCAVATION = 550 CUBIC YARDS
EST. DDE = 700 CUBIC YARDS
SHOULDER BORROW = 1380 CUBIC YARDS
SHALLOW UNDERCUT = 100 CUBIC YARDS