

## Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-5403

COUNTY: Transylvania

DATE: 2/25/2015

COMPILED BY:

BDK

SHEET \_\_ OF \_\_ SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
-DET- 11+25	-DET- 14+68.29	3				3	284		284	327	324				
-DET-15+38.29	-DET- 20+00	55				55	690		690	794	739				
	<b>SUBTOTAL</b>	58				58	974		974	1,121	1,063				
-L- 11+00	-L- 14+21.49	272				272	197		197	226			45		45
-L- 14+91.49	-L- 18+25	522				522	135		135	155			367		367
	<b>SUBTOTAL</b>	794				794	332		332	381			412		412
DETOUR REMOVAL															
-L- 11+50	-L- 14+00	285				285	12		12	14			271		271
-L- 15+00	-L- 18+25	764				764	10		10	12			753		753
	<b>SUBTOTAL</b>	1,049				1,049	22		22	26			1,024		1,024
	<b>SUBTOTAL</b>														
	<b>TOTAL</b>	1,901				1,901	1,328		1,328	1,528	1,063		1,436		1,436
	<b>PROJECT TOTAL</b>	1,901				1,901	1,328		1,328	1,528	1,063		1,436		1,436
	<b>GRAND TOTAL</b>					1,901	1,328		1,328	1,528	1,063		1,436		1,436
	<b>SAY</b>	1,950													

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.

EST. DDE = 570 CUBIC YARDS

SELECT GRANULAR MATERIAL = 1000 CY

EST. SHALLOW UNDERCUT = 100 CY

CLASS IV SUBGRADE STABILIZATION 190 Tons

PER DIVISION, ESTIMATED 1000 CUBIC YARDS OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.