


COMPUTED BY:	MML	DATE:	3/19/2024
CHECKED BY:	KMP	DATE:	3/19/2024

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT NO.
HL-0008Q

SHEET NO.
3B-1



DRMP, INC.
5809 FARMINGTON PLACE
RALEIGH, NC 27609
(919) 872-5115

NC LICENSE NO. F-1524
www.drmp.com

SUMMARY OF EARTHWORK

LINE	Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste
-L-	14+50.00	26+40.00	620	594	574	600
-Y-	101+10.00	117+00.00	427	2082	2055	400
TOTAL			1047	2676	2629	1000
ADJUSTMENTS DUE TO						
Est. Loss Due To Clearing And Grubbing			-300		300	0
Shoulder Material			0	480	480	0
Rock Waste To Replace Borrow						
Adjust For Rock Swell That Replaces Borrow						
Eliminate Shrinkage For Mat'l That Is Now Rock						
Earth Waste to Replace Borrow					0	0
PROJECT TOTAL			747	3156	3409	1000
Est. 5% to Replace Topsoil in Borrow Pits					170	
GRAND TOTAL			747		3579	
SAY			800		3600	
Estimate Undercut Excavation 100 CY			CONTINGENCY			
Select Granular Material 100 CY			CONTINGENCY			
Geotextile For Soil Stab. 100 SY			CONTINGENCY			
Estimate Shallow Undercut 1000 CY						
Class IV Subgrade Stab. 2500 TONS						
Geotextile For Sugrade Stab. 4000 SY						

Earthwork quantities are calculated by the roadway designer. These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

Approximate quantities only. Unclassified excavation, fine grading, and clearing and grubbing will be paid for at the contract lump sum price for grading.

SUMMARY OF INCIDENTAL MILLING

LINE	Station	Station	Length	Average Width	Area (yd²)
-L-	15+00.00	15+75.00	75.00	15.50	174.70
-L-	25+25.00	26+00.00	75.00	14.50	172.33
-Y-	101+50.00	102+25.00	75.00	20.00	178.62
-Y-	114+25.00	115+00.00	75.00	11.00	182.74
SR 1931 (MANN'S LOOP RD)					202
SR 3942 (DURNFORD DR)					146.26
				TOTAL:	1056.65
				SAY:	1100