COMPUTED BY: ABC DATE: 04/13/26
CHECKED BY: JTG DATE: 04/13/26

PROJECT REFERENCE NO.	SHEET NO.
I-5716	3B-2

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
900 RIDGEFIELD DRIVE SUITE 125, RALEIGH, NC 27609
(919) 8159989 FAX (919) 855-5567
EMAIL: AMT1@AMTENGINEERING.COM
NCBELS LICENSE # F-1049

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT	BORROW	WASTE
–L– STA. 20+69 – 46+50	9497		3348		6149
–RPB– STA. 21+00 – 26+50	916		599		317
SUBTOTALS	10413		3947		6466
–Y1– STA. 17+00 – 23+00	182		337	155	
–LPA– STA. 10+00 – 24+00	8222		15177	6955	
–RPA– STA. 15+50 – 24+50	28077		176		27901
SUBTOTALS	36481		15690	7110	27901
–Y1– STA. 27+00 – 35+10	196		339	143	
–RPC– STA. 21+50 – 28+00	205		160		45
SUBTOTALS	401		499	143	45
TOTAL	47295		20136	7253	34412
LOSS DUE TO CLEARING & GRUBBING	–200				–200
ROCK WASTE TO REPLACE BORROW				-5631	-5631
ADJUST FOR ROCK WASTE			-845	-845	
WASTE IN LIEU OF BORROW				–777	–777
PROJECT TOTAL	47095		19291		27804
GRAND TOTAL	47095		19291		27804
SAY	47200				

UNDERCUT EXCAVATION = 550 CY DDE = 700 CY
SHOULDER BORROW = 1380 CY
SELECT GRANULAR MATERIAL, CLASS III = 400 CY
SHALLOW UNDERCUT = 100 CY

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.

APPROXIMATE QUANTITIES ONLY. SHOULDER BORROW, FINE GRADING, CLEARING AND GRUBBING, AND REMOVAL OF EXISTING ASPHALT PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING."

5/9/06

5/5/2026
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