

SUMMARY OF EARTHWORK

STATION	STATION	UNCL EXCAV.	EMBAK. + %	BORROW	WASTE
-DETOUR- 10 + 50.00	12 + 75.00	201	653	452	
-DETOUR- 10 + 50.00	12 + 75.00		231	231	
-L- 18 + 50.00	20 + 44.68	120	158	158	120
-L- 21 + 34.60	24 + 10.00	81	296	296	81
SUBTOTAL:		402	1,338	1,137	201
TOTAL:		402	1,338	1,137	201
MATERIAL FOR STREAM BANK RESTORATION BACKFILL			62	62	
PROJECT TOTALS:		402	1,400	1,199	201
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT				60	
GRAND TOTALS:		402	1,400	1,259	201
SAY:		410		1,300	

UNDERCUT EXCAVATION PER GEOTECH RECOMMENDATIONS:	250 CY (CONTINGENCY)
SELECT GRANULAR MATERIAL PER GEOTECH RECOMMENDATIONS:	200 CY (CONTINGENCY)
GEOTEXILE FOR SOIL STABILIZATION PER GEOTECH RECOMMENDATIONS:	200 SY (CONTINGENCY)
SHALLOW EXCAVATION PER GEOTECH RECOMMENDATIONS:	225 CY (CONTINGENCY)
CLASS IV SUBGRADE STABILIZATION PER GEOTECH RECOMMENDATIONS:	150 TONS (CONTINGENCY)
GEOTEXILE FOR SUBGRADE STABILIZATION PER GEOTECH RECOMMENDATIONS:	225 SY (CONTINGENCY)
EST DDE = 51 CY	

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

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Removal of Existing Asphalt Pavement, and Clearing and Grubbing will be paid for at the contract lump sum price for "Grading."

Earthwork quantities are calculated by the Roadway Design Unit.

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS



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PROJECT REFERENCE NO.

DF18314.2045330

SHEET NO.

3B-1

ASPHALT PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LY/RT/CL	ASPHALT REMOVAL (SY)
-L-	18 + 50	18 + 77	CL	49.99
-L-	24 + 02	24 + 10	CL	27.60
			TOTAL:	77.59
			SAY:	80

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.
 TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.
 FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.
 W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.
 G = GATING IMPACT ATTENUATOR TL-3
 NG = NON-GATING IMPACT ATTENUATOR TL-3

GUARDRAIL SUMMARY

[illegible]

NOTE: Invert Elevations are for Bid Purposes only and shall not be used for project construction stakeout.
See "Standard Specifications For Roads and Structures, Section 300-5".

SUB-REGIONAL

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

[illegible]