

12/06/07

COMPUTED BY: _____ DATE: _____
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STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO.
 U-5104 3B-1

SUMMARY OF EARTHWORK

STATION	STATION	UNCL. EXCAV.	EMBANK. +%	BORROW	WASTE
-L- 10+28.80	-L- 45+43.75	2125	1778		347
-Y2- 10+90.00	-Y2- 12+00.00	63	20		43
-Y3- 7+70.00	-Y3- 12+00.00	45	21		24
-Y4- 11+30.12	-Y4- 12+28.09	4	2		2
-Y5- 10+91.62	-Y5- 12+30.85	18	6		12
-Y6- 10+98.63	-Y6- 12+28.09	1			1
-DR1- 10+10.70	-DR1- 10+98.27	113			113
SUBTOTALS:		2369	1826		543
TOTALS:		2369	1826		543
Loss due to CL & GR		-1555		1555	
Waste in Lieu of Borrow				-543	-543
PROJECT TOTALS:		814	1826	1012	
Est. 5% to replace Topsoil At Borrow Pit				51	
GRAND TOTALS:		814		1063	
SAY:		900		1100	

SELECT GRANULAR MATERIAL = 100 CUBIC YARDS (CONTINGENCY)
 PER DIVISION RECOMMENDATION, ESTIMATED 200 CUBIC YARDS OF UNDERCUT TO BE USED AT THE DISCRETION OF THE RESIDENT ENGINEER.

Approximate quantities only. Clearing and Grubbing, Unclassified Excavation, Borrow Excavation, Fine Grading, and Removal of Asphalt Pavement will be paid at the Lump Sum price for "Grading".

PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD ²
-L-	22+57	22+79	LT	3
-L-	23+18	23+50	LT	50
-L-	23+70	24+09	LT	6.50
TOTAL:				59.50
SAY:				60

SUMMARY OF SUBSURFACE DRAINAGE

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	Drain Type * UD/BD/SD	LF
CONTINGENCY				SD	200
TOTAL LF:					200
SAY:					

*UD = Underdrain
 *BD = Blind Drain
 *SD = Subsurface Drain

SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION

SURVEY LINE	STATION	STATION	Aggregate type ASU/AST	Aggregate Thickness INCHES	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Soil Stabilization SY	Geotextile for Soil Stabilization SY	Geotextile for Soil Stabilization SY
CONTINGENCY			ASU		100	200	200		
TOTAL CY/TONS/SY:					100	200	200*	0	0

ASU = Aggregate Subgrade, AST = Aggregate Stabilization
 *Total Square Yards of Geotextile for Soil Stabilization is only the estimated quantity for ASU/AST and may only represent a portion of the Geotextile quantity shown in the Item Sheets of the Proposal.

SUMMARY OF REPLACEMENT OF CONCRETE STEPS

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	CY
-L-	17+66		LT	1.8
-L-	24+62		LT	1.0
-L-	25+34		LT	0.8
-L-	27+16		LT	0.6
-L-	33+33		LT	0.6
-L-	15+56		RT	1.0
-L-	16+65		RT	0.6
-L-	34+83		RT	1.2
-L-	37+00		RT	1.8
TOTAL:				9.4
SAY:				10.0

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