

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
PHASE ONE					
–Y3– 10+16.00 TO 12+08.59	1,189				1,189
SUBTOTAL	1,189				1,189
PHASE TWO					
–L– RT Sta. 10+30.00 TO 39+00.00	13,420		2,138		11,282
–L– RT Sta. 42+00.00 TO 49+00.00	4,839		610		4,229
–L– Sta. 49+00.00 TO 54+00.00	671		5,849	5,178	
–L– RT Sta. 54+00.00 TO 62+00.00	833		1,481	648	
–L– Sta. 62+00.00 TO 63+63.54			777	777	
–L– Sta. 64+94.29 TO 68+10.00	370		193		177
–L– RT Sta. 68+10.00 TO 72+65.00	101		91		10
–RAB– Sta. 10+00.00 TO 12+95.31	987		1,334	347	
–Y3A– Sta. 10+16.18 TO 10+85.00	13		229	216	
–Y5– Sta. 10+25.00 TO 11+64.15	592		7		585
–Y6– Sta. 10+13.07 TO 11+49.01	100				100
–Y7– Sta. 10+65.02 TO 12+70.00	23		561	538	
–Y8– Sta. 10+19.73 TO 15+10.00	172		2		170
–DWY4– Sta. 10+17.00 TO 11+90.00	217		79		138
–DWY6– Sta. 10+27.00 TO 10+90.00	77				77
–DWY7– Sta. 10+27.00 TO 11+07.00	204				204
SUBTOTAL	22,619		13,352	7,705	16,972
PHASE THREE					
–L– LT Sta. 10+30.00 TO 39+00.00	293		12,129	11,836	
–L– Sta. 39+00.00 TO 42+00.00	316		2,666	2,350	
–L– LT Sta. 42+00.00 TO 49+00.00	104		1,761	1,657	
–L– LT Sta. 54+00.00 TO 62+00.00	422		354		68
–L– LT Sta. 68+10.00 TO 72+65.00	88		69		19
–DWY1– Sta. 10+00.00 TO 11+63.64	8		307	299	
–DWY2– Sta. 11+30.00 TO 12+65.24	3		369	366	
–Y1– Sta. 14+10.00 TO 14+90.09	118		2		116
–Y2– Sta. 23+18.00 TO 23+83.81	151				151
–Y4– Sta. 41+35.00 TO 42+98.44	37		270	233	
SUBTOTAL	1,540		17,927	16,741	354
TOTAL	25,348		31,278	24,445	18,515
LOSS DUE TO CLEARING AND GRUBBING	–2,300			2,300	
WASTE IN LIEU OF BORROW				–18,515	–18,515
PROJECT TOTAL	23,048			8,230	
5% TO REPLACE TOPSOIL IN BORROW PIT				412	
GRAND TOTAL	23,048		31,278	8,642	
SAY	23,100			8,700	

PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS

LOCATION	ASPHALT PAVEMENT REMOVAL	ASPHALT PAVEMENT BREAKUP	CONCRETE PAVEMENT REMOVAL	CONCRETE PAVEMENT BREAKUP
–L– Sta. 10 + 26 to 12 + 60 LT	412			
–L– Sta. 10 + 26 to 11 + 36 RT	65			
–Y1– Sta. 14 + 10.65. to 14 + 98 CL	370			
–L– Sta. 40 + 50 to 47 + 00 LT	1385			
–L– Sta. 49 + 00 to 54 + 00 CL	1077			
–Y3A– Sta. 10 + 08 to 10 + 85 CL	221			
–L– Sta. 56 + 77 to 61 + 38 LT	165			
–Y4– Sta. 41 + 35 to 43 + 04 CL	534			
–L– Sta. 62 + 00 to 66 + 90 CL	1430			
–Y7– Sta. 10 + 90 to 12 + 20 Rt.	249			
–Y5– Sta. 10 + 25 to 65 + 65 L Lt	806			
–L– Sta. 66 + 90 to 70 + 60 Lt.	44			
–Y8– Sta. 10 + 20 to 12 + 75 Lt.	272			
TOTAL	7030			
SAY	7050			

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

NOTE: Earthwork quantities are calculated by JMT.
These earthwork quantities are based in part on subsurface data
provided by the Geotechnical Engineering Unit.

CHAIN LINK FENCE SUMMARY, 48" FABRIC

LOCATION	LT OR RT	FABRIC LF	LINE POSTS EA	TERMINAL POSTS EA	
-L- Sta. 55 + 30.00 TO 56 + 90.00	LT	160'	13	2	
TOTAL		160'	13	2	

SHALLOW UNDERCUT – 500 CY
UNDERCUT EXCAVATION – 2250 CY
SELECT GRANULAR MATERIAL – 2000 CY
DRAINAGE DITCH EXCAVATION – 220 CY
GEOTEXTILE FOR SOIL STABILIZATION – 2000 SY
GEOTEXTILE FOR SUBGRADE STABILIZATION – 1500 SY
CLASS IV SUBGRADE STABILIZATION – 1000 TONS