

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK (IN CUBIC YARDS)

Survey Line	Station	Station	Uncl. Excav.	Undercut	Embank. + %	Borrow	Waste	
SUMMARY 1								
L LT	10+10.00	45+50.00	2,411		4,523	2,112		
Y1 RT	11+27.09	14+24.00	76		690	614		
Y1	14+24.00	17+93.23	204		1,589	1,385		
Y3	14+40.00	15+48.67	57		11		46	
Y5	8+85.00	15+50.39	640		208		432	
Y5B	10+44.75	14+58.75	503		45		458	
SUBTOTALS:			3,891		7,066	4,111	936	
SUMMARY 2								
L RT	66+11.00	68+00.00	13		73	60		
Y6 LT	29+35.00	34+70.00	209		304	95		
Y7	10+11.47	13+62.46	303		121		182	
Y7A	10+41.65	24+63.68	3,370		3,418	48		
SUBTOTALS:			3,895		3,916	203	182	
SUMMARY 3								
L LT	66+11.00	96+97.55	1,299		1,746	447		
DR2	10+00.00	10+64.64	31				31	
Y8	12+00.00	14+07.18	113		35		78	
Y10	9+61.50	13+60.62	220		51		169	
Y11	12+60.78	13+30.42	33		15		18	
Y16	14+72.00	17+55.35	202		16		186	
Y17	10+18.29	13+43.57	276		1,185	909		
SR1	10+16.32	18+79.48	766		1,859	1,093		
SUBTOTALS:			2,940		4,907	2,449	482	
SUMMARY 4								
L LT	45+50.00	66+11.00	684		1,711	1,027		
Y6	5+90.00	9+31.00	137		145	8		
Y6 LT	9+31.00	29+35.00	472		1,510	1,038		
Y15	13+35.00	15+04.69	21		90	69		
SUBTOTALS:			1,314		3,456	2,142		
SUMMARY 5								
L RT	10+10.00	40+10.00	2,113		2,756	643		
Y1 LT	12+80.62	14+24.00	18		156	138		
Y1	18+80.50	29+27.40	772		1,604	832		
Y2	10+40.39	12+57.47	87		83		4	
SUBTOTALS:			2,990		4,599	1,613	4	
SUMMARY 6								
L RT	40+10.00	66+11.00	1,079		1,815	736		
Y4	10+48.00	11+10.00	35		15		20	
Y6 RT	9+31.00	34+70.00	554		1,244	690		
SUBTOTALS:			1,668		3,074	1,426	20	
SUMMARY 7								
L RT	68+00.00	96+97.55	979		1,713	734		
Y8	15+02.29	17+02.29	54		68	14		
Y9	10+39.50	11+70.83	53		64	11		
Y12	10+39.50	11+35.76	43		28		15	
SUBTOTALS:			1,129		1,873	759	15	
TOTALS:			17,827		28,891	12,703	1,639	
EARTH WASTE IN LIEU OF BORROW:							-1,639	-1,639
PROJECT TOTALS:			17,827		28,891	11,064		
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT:							553	
GRAND TOTALS:			17,827		28,891	11,617		
SAY:			17,900			11,700		
UNDERCUT (CONTINGENCY) = 1,100 CY (PER GEOTECH. RECS., DATED SEPTEMBER 20, 2012) SHALLOW UNDERCUT (CONTINGENCY) = 1,000 CY (PER GEOTECH. RECS., DATED SEPTEMBER 10, 2015) SELECT GRANULAR MATERIAL (CONTINGENCY) = 1,100 CY (PER GEOTECH. RECS., DATED SEPTEMBER 20, 2012) DRAINAGE DITCH EXCAVATION = 480 CY PAVEMENT STRUCTURE VOLUME = 11,300 CY								
Notes: 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. Unclassified Excavation, Fine Grading, Clearing and Grubbing, Breaking of Existing Pavement, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."								

SUMMARY OF PAVEMENT BREAKUP & REMOVAL (IN SQUARE YARDS)

Survey Line	Station	Station	Location LT/RT/CL	Asphalt Breakup	Asphalt Removal
L	13+50.00	16+00.00	CL		1,390.12
L	16+00.00	18+00.00	CL	2,161.97	
L	18+00.00	19+00.00	CL		489.06
L	23+90.71	29+89.67	CL		1,233.59
L	32+27.11	37+95.17	CL		1,159.29
L	50+00.00	53+00.00	CL		1,574.14
L	61+50.00	64+50.00	CL		1,292.78
L	71+27.92	83+29.35	CL		2,428.93
Y6	18+50.00	20+00.00	CL		1,302.70
Y13	10+30.08	11+77.57	CL		453.18
Y15	13+35.00	14+84.83	RT		127.34
DR1	10+20.25	11+70.80	RT		259.47
TOTALS:				2,161.97	11,710.60
SAY:				2,170	12,000

SUMMARY OF CHAIN LINK FENCE

Survey Line	Station	Station	Location LT/RT	48" Fabric (LF)	End Brace	Corner Brace	Line Brace	Line Posts (EA)	Terminal Posts (EA)
Y11 / L	12+60.78	89+85.00	LT	501.73	2	1	2	42	5
L / Y14	90+15.00	23+19.74	LT	799.28	2	1	3	67	6
Y12 / L	11+35.76	87+03.13	RT	324.30	2	3	1	27	6
L	87+32.55	89+32.41	RT	253.04	2	2	1	21	5
L	89+62.38	96+99.29	RT	738.85	2		2	62	4
TOTAL:				2,617.20				219	26
SAY:				2,630				225	30

SUMMARY OF EXPRESSWAY GUTTER (IN FEET)

Survey Line	Station	Station	Location LT/RT	Length
L	86+55.00	87+95.00	RT	140.00
L	88+70.00	89+70.00	RT	100.00
L	89+80.00	90+80.00	LT	100.00
TOTAL:				340.00
SAY:				345