

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

### SUMMARY OF EARTHWORK ( IN CUBIC YARDS )

Survey Line	Station	Station	Uncl. Excav.	Undercut	Embank. + %	Borrow	Waste	
<b>SUMMARY 1</b>								
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	
<b>SUBTOTALS:</b>			3,891		7,066	4,111	936	
<b>SUMMARY 2</b>								
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		
<b>SUBTOTALS:</b>			3,895		3,916	203	182	
<b>SUMMARY 3</b>								
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		
<b>SUBTOTALS:</b>			2,940		4,907	2,449	482	
<b>SUMMARY 4</b>								
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		
<b>SUBTOTALS:</b>			1,314		3,456	2,142		
<b>SUMMARY 5</b>								
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	
<b>SUBTOTALS:</b>			2,990		4,599	1,613	4	
<b>SUMMARY 6</b>								
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		
<b>SUBTOTALS:</b>			1,668		3,074	1,426	20	
<b>SUMMARY 7</b>								
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	
<b>SUBTOTALS:</b>			1,129		1,873	759	15	
<b>TOTALS:</b>			17,827		28,891	12,703	1,639	
EARTH WASTE IN LIEU OF BORROW:							-1,639	-1,639
<b>PROJECT TOTALS:</b>			17,827		28,891	11,064		
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT:								553
<b>GRAND TOTALS:</b>			17,827		28,891	11,617		
<b>SAY:</b>			17,900			11,700		

UNDERCUT (CONTINGENCY) = 1,100 CY (PER GEOTECHNICAL REPORT, DATED SEPTEMBER 20, 2012)  
 SELECT GRANULAR MATERIAL (CONTINGENCY) = 1,100 CY (PER GEOTECHNICAL REPORT, DATED SEPTEMBER 20, 2012)  
 DRAINAGE DITCH EXCAVATION = 480 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, Borrow 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
<b>TOTALS:</b>				2,161.97	11,710.60
<b>SAY:</b>				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
<b>TOTAL:</b>				2,617.20				219	26
<b>SAY:</b>				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
<b>TOTAL:</b>				340.00
<b>SAY:</b>				345