

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.

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS CROSS-SECTION SUMMARY

<b>PROJ. REFERENCE NO.</b> R-2603	<b>SHEET NO.</b> X-1C
--------------------------------------	--------------------------

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

THE CROSS SECTIONS REFLECT USE OF THE 15" ABC / ASPHALT PAVEMENT DESIGN, WHERE APPLICABLE, FOR -L- AND THE 11" ABC / ASPHALT PAVEMENT DESIGN FOR -Y9DET- & -Y16DET-.

Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt
L (LT)	(cu. yd.)	(cu. yd.)	L (LT)	(cu. yd.)	(cu. yd.)	Y18 (LT)	(cu. yd.)	(cu. yd.)	Y1 (RT)	(cu. yd.)	(cu. yd.)	Y1 (MED)	(cu. yd.)	(cu. yd.)	L (RT)	(cu. yd.)	(cu. yd.)
167+50.00	300	6	182+50.00	0	0	29+00.00	255	14	15+00.00	0	0	24+74.00	0	0	36+00.00	3	41
168+00.00	383	2	183+00.00	0	31	29+50.00	55	37	15+50.00	11	0	25+00.00	2	10			
168+50.00	485	0	183+50.00	5	42	30+00.00	18	90	16+00.00	7	4	25+50.00	8	51	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
169+00.00	432	0	184+00.00	11	34				16+50.00	4	7	26+00.00	7	57	<b>L (RT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
169+50.00	385	0	184+50.00	16	28	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	17+00.00	2	17	26+50.00	8	44			
170+00.00	356	0	185+00.00	14	40				17+50.00	1	24	27+00.00	8	35	36+00.00	0	0
170+50.00	233	0	185+50.00	5	65	<b>L (RT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	18+00.00	1	24	27+50.00	9	27	36+50.00	3	49
171+00.00	82	10	186+00.00	0	97	10+50.00	0	0	18+50.00	0	30	28+00.00	8	18	37+00.00	3	42
171+50.00	13	490	186+50.00	0	115	11+00.00	14	0	19+00.00	0	37	28+50.00	7	13	37+50.00	3	36
172+00.00	3	795	187+00.00	0	113	11+50.00	6	9	19+50.00	1	28	29+00.00	7	8	38+00.00	3	29
172+50.00	21	318	187+50.00	1	75	12+00.00	8	10	20+00.00	1	27	29+50.00	6	5	38+50.00	3	21
173+00.00	42	3	188+00.00	1	54	12+50.00	9	2	20+50.00	0	34	29+72.00	1	1	39+00.00	4	17
173+50.00	82	0	188+50.00	5	46	13+00.00	7	7	21+00.00	1	25				39+50.00	4	15
174+00.00	206	0	189+00.00	30	30	13+50.00	7	13	21+50.00	1	24	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	40+00.00	3	14
174+50.00	254	0	189+50.00	63	42	14+00.00	8	8	22+00.00	0	37				40+50.00	3	11
175+00.00	217	0	190+00.00	46	53	14+50.00	6	21	22+50.00	11	55	<b>Y1A (LT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	41+00.00	2	17
175+50.00	237	0	190+50.00	9	69	14+65.00	1	14	23+00.00	35	91	24+55.44	0	0	41+50.00	1	26
176+00.00	244	0	191+00.00	28	51				23+50.00	43	133	25+07.31	11	21	42+00.00	1	27
176+50.00	244	0	191+50.00	89	10	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	24+00.00	24	127	25+59.14	1	30	42+50.00	2	26
177+00.00	457	0	192+00.00	124	0				24+50.00	5	55	26+06.00	0	11	43+00.00	2	28
177+50.00	612	0	192+50.00	91	0	<b>Y2 (RT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	25+50.00	0	22				43+50.00	2	36
178+00.00	558	0	193+00.00	68	0	14+65.00	0	0	26+00.00	0	41	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	44+00.00	1	34
178+50.00	544	0	193+50.00	43	5	15+00.00	0	29	26+50.00	1	37				44+50.00	1	44
179+00.00	454	0	194+00.00	10	11	15+50.00	0	51	27+00.00	1	37	<b>Y2 (LT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	45+00.00	1	146
179+50.00	213	69	194+50.00	9	10	16+00.00	0	64	27+50.00	0	47	16+00.00	2	2	45+50.00	1	128
180+00.00	27	277	195+00.00	9	4	16+50.00	0	61	28+00.00	1	50	16+50.00	6	13	46+00.00	1	21
180+50.00	0	626				17+00.00	0	31	28+50.00	2	29	17+00.00	6	53	46+50.00	2	17
181+00.00	0	935	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>				29+00.00	3	17				47+00.00	3	17
181+50.00	0	723				<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	29+50.00	3	20	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	47+50.00	4	19
182+00.00	0	234	<b>Y18 (LT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>				30+00.00	3	22				48+00.00	7	18
182+50.00	0	39				<b>Y1 (LT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	30+50.00	3	29	<b>L (RT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	48+50.00	9	17
			18+00.00	121	0	15+00.00	0	0	31+00.00	3	33	25+00.00	0	0	49+00.00	8	18
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	18+50.00	202	0	15+50.00	10	11	31+50.00	4	28	25+50.00	2	32	49+50.00	10	17
			19+00.00	198	0	16+00.00	12	8	32+00.00	4	23	26+00.00	3	24	50+00.00	9	27
<b>Y17</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	19+50.00	236	0	16+50.00	13	4	32+32.91	1	19	26+50.00	4	23	50+50.00	5	37
			20+00.00	319	0	17+00.00	11	13				27+00.00	4	27	51+00.00	2	42
11+15.00	0	0	20+50.00	429	1	17+50.00	10	14	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	27+50.00	3	29	51+50.00	1	47
11+50.00	4	4	21+00.00	567	1	18+00.00	10	17				28+00.00	3	28	52+00.00	1	67
12+00.00	1	17	21+50.00	560	1	18+50.00	10	14	<b>Y2 (RT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	28+50.00	3	29	52+50.00	2	86
12+50.00	1	19	22+00.00	616	6	19+00.00	13	5	18+00.00	0	0	29+00.00	11	29	53+00.00	3	83
13+00.00	17	17	22+50.00	779	9	19+50.00	16	4	18+50.00	0	70	29+50.00	12	27	53+50.00	7	64
13+50.00	52	22	23+00.00	922	10	20+00.00	17	1	19+00.00	1	38	30+00.00	4	37	54+00.00	13	42
14+00.00	111	25	23+50.00	1219	26	20+50.00	17	2	19+30.00	2	1	30+50.00	4	42	54+50.00	11	41
14+50.00	177	16	24+00.00	1503	33	21+00.00	19	3				31+00.00	4	104	55+00.00	7	46
15+00.00	252	4	24+50.00	1736	31	21+50.00	18	7	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	31+50.00	4	242			
15+50.00	196	202	25+00.00	1349	33	22+00.00	14	195				32+00.00	4	305	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
16+00.00	164	243	25+50.00	875	30	22+50.00	10	263	<b>Y2 (LT)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	32+50.00	4	346			
16+50.00	349	41	26+00.00	679	20	23+00.00	8	96	18+00.00	0	0	33+00.00	5	264	<b>LDETOUR</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
17+00.00	825	0	26+50.00	493	12	23+50.00	8	31	18+50.00	0	74	33+50.00	4	164	10+00.00	0	0
17+50.00	1300	0	27+00.00	539	12				19+00.00	1	81	34+00.00	4	150	10+47.91	8	1
18+00.00	1379	0	27+50.00	552	7				19+30.00	2	5	34+50.00	5	84	10+98.40	14	3
			28+00.00	537	6							35+00.00	4	45	11+49.10	25	2
			28+50.00	469	9							35+50.00	4	27	12+00.12	59	0