

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

PROJ. REFERENCE NO.	SHEET NO.
R-2915A	X-1C

Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

**NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.**

## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt
RPA	(cu. yd.)	(cu. yd.)	LPC/RPC	(cu. yd.)	(cu. yd.)	Y1	(cu. yd.)	(cu. yd.)	Y1	(cu. yd.)	(cu. yd.)	Y5	(cu. yd.)	(cu. yd.)	SR1	(cu. yd.)	(cu. yd.)
9+01.06	44	30	9+41.74	0	278	23+00.00	25	56	47+00.00	16	16	19+00.00	0	412	14+00.00	97	53
9+52.60	142	139	9+90.63	0	1493	23+50.00	19	38	47+50.00	19	5	19+50.00	0	379	14+50.00	81	96
10+04.08	60	283	10+37.94	0	1766	24+00.00	15	27	48+00.00	15	14	19+64.41	0	73	15+00.00	67	126
10+55.34	0	622	10+83.78	0	1525	24+50.00	14	26	48+50.00	31	27				15+50.00	69	98
11+06.08	0	1105	11+29.05	0	1760	25+00.00	41	29	49+00.00	31	27	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	16+00.00	135	33
11+57.15	0	1664	11+73.95	0	2038	25+50.00	40	31	49+50.00	8	24	<b>Y6</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	16+50.00	156	0
12+07.85	0	2479	12+18.52	0	2381	26+00.00	10	35	50+00.00	8	18				17+00.00	118	0
12+57.90	0	3504	12+62.86	0	2701	26+50.00	8	37	50+50.00	9	23	10+50.00	458	0	17+50.00	56	13
12+79.30	0	1685	13+07.04	0	3031	27+00.00	25	37	51+00.00	11	27	11+00.00	1231	0	18+00.00	8	37
13+23.95	0	3416	13+51.15	0	3401	27+50.00	64	32	51+50.00	20	20	11+50.00	631	0	18+50.00	8	34
13+70.04	1	3265	13+95.29	0	3839	28+00.00	100	20	52+00.00	25	26	12+00.00	190	0	19+00.00	10	17
14+17.39	3	3004	14+39.55	0	4378	28+50.00	122	11	52+50.00	26	35				19+50.00	10	24
14+65.79	2	2705	14+84.03	0	4880	29+00.00	87	8	53+00.00	28	34	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	20+00.00	6	44
15+06.30	2	2054	15+28.79	0	5360	29+50.00	29	5	53+50.00	24	32	<b>Y7</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	20+50.00	3	60
			15+73.90	0	5956	30+00.00	11	19	54+00.00	11	18				21+00.00	1	88
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	16+19.43	0	6983	30+50.00	45	47				10+50.00	98	0	21+50.00	48	56
<b>RPC</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	16+65.60	0	6984	31+00.00	81	70	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	11+00.00	517	0	22+00.00	106	1
			17+13.24	0	6259	31+50.00	128	119	<b>Y2</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	11+50.00	528	0	22+50.00	105	0
7+29.19	288	0	17+62.20	0	6285	32+00.00	416	94				12+00.00	181	88	23+00.00	122	0
7+69.44	635	0				32+50.00	416	17	10+50.00	202	0	12+50.00	58	349	23+50.00	75	43
8+00.00	677	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	33+00.00	105	1	11+00.00	795	0	13+00.00	59	444	24+00.00	0	83
8+50.00	553	102	<b>Y1</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	33+50.00	25	22	11+50.00	1065	0	13+50.00	1	431	24+50.00	1	69
9+00.00	0	235				34+00.00	15	44	12+00.00	1509	0	14+00.00	0	368	25+00.00	11	37
9+28.00	0	158	11+00.00	3	0	34+50.00	16	52	12+50.00	1509	0	14+50.00	220	119	25+50.00	20	12
			11+50.00	16	1	35+00.00	21	60	13+00.00	637	2	15+00.00	413	0	26+00.00	23	6
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	12+00.00	22	3	35+50.00	20	67	13+20.00	8	1	15+20.00	77	0	26+50.00	35	3
<b>LPC</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	12+50.00	46	6	36+00.00	15	65							27+00.00	94	0
			13+00.00	50	9	36+50.00	14	60	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	27+50.00	25	1
6+89.67	13	5	13+50.00	38	18	37+00.00	13	62	<b>Y3</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>Y8</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	28+00.00	16	18
7+32.76	106	12	14+00.00	22	25	37+50.00	14	65							28+30.00	8	1
7+50.00	103	2	14+50.00	15	23	38+00.00	69	87	10+50.00	119	0	15+00.00	6	0			
8+00.00	589	0	15+00.00	9	25	38+50.00	196	81	11+00.00	363	0	15+14.50	53	0			
8+48.04	377	163	15+50.00	10	29	39+00.00	176	67	11+50.00	241	0						
8+96.52	0	329	16+00.00	10	32	39+50.00	94	72	11+85.00	58	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
9+25.00	0	193	16+50.00	10	36	40+00.00	104	58				<b>Y9</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>SR2REV</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
			17+00.00	12	36	40+50.00	112	48	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Y9</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	11+49.23	8380	0
			17+50.00	19	36				<b>Y4</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	10+50.00	0	229	11+98.41	7700	0
			18+00.00	21	32	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>				11+00.00	0	666	12+47.96	7951	0
			18+50.00	17	23	<b>Y1</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	10+50.00	45	52	11+50.00	0	455	12+97.89	8320	0
			19+00.00	14	22				11+00.00	101	119	12+00.00	0	309	13+48.13	8067	0
			19+50.00	12	31	40+50.00	0	0	11+50.00	126	30	12+50.00	0	220	13+98.74	6412	0
			20+00.00	11	40	41+00.00	119	49	12+00.00	291	3	13+00.00	2	228	14+49.96	4352	0
			20+50.00	10	53	41+50.00	63	51	12+50.00	390	5	13+10.00	0	26	15+01.59	2335	0
			21+00.00	8	55	42+00.00	13	46	13+00.00	303	4				15+53.34	885	0
			21+50.00	41	49	42+50.00	13	48	13+50.00	105	3	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	16+05.69	452	0
			22+00.00	51	54	43+00.00	8	68	13+75.00	1	1	<b>SR1</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	16+57.82	386	0
			22+50.00	27	61	43+50.00	6	82							17+09.93	271	0
						44+00.00	7	79	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	11+00.00	418	0	17+62.21	137	74
						44+50.00	31	68	<b>Y5</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	11+50.00	380	0	17+96.35	28	80
						45+00.00	32	60				12+00.00	253	0	27+00.00		
						45+50.00	9	60	17+50.00	0	11	12+50.00	131	1	27+50.00		
						46+00.00	8	58	18+00.00	4	160	13+00.00	69	4	27+00.00		
						46+50.00	10	40	18+50.00	2	266	13+50.00	86	20	27+50.00		