

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-4753	X-1A

NOTE: 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

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
L	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	Y1A	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)
15+50.00	0	0	38+50.00	150	103	10+20.00	0	0	67+00.00	39	63	83+00.00	1	238	105+40.33	27	304
16+00.00	14	7	39+00.00	11	65	10+25.00	2	0	67+50.00	59	42	83+50.00	23	126	105+50.00	6	93
16+50.00	11	1	39+50.00	11	51	10+50.00	14	5	68+00.00	79	97	83+96.48	32	84	106+00.00	27	550
17+00.00	9	5	40+00.00	15	44	10+75.00	2	34	68+50.00	62	136	84+50.00	12	187	106+50.00	30	620
17+50.00	13	5	40+50.00	16	46	11+00.00	0	69	69+00.00	52	64	84+89.12	1	208	107+00.00	34	647
18+00.00	14	4	40+67.77	5	18	11+25.00	0	116	69+12.39	15	3	85+00.00	0	62	107+50.00	27	667
18+31.51	8	8	41+00.00	9	34	11+26.58	0	9	69+50.00	40	9	85+50.00	75	177	108+00.00	22	768
18+50.00	6	10	41+50.00	21	54				70+00.00	95	11	86+00.00	395	56	108+50.00	20	935
19+00.00	18	97	42+00.00	26	52	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	70+50.00	119	11	86+50.00	1073	20	109+00.00	24	994
19+50.00	14	178	42+50.00	29	42	<b>L</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	71+00.00	61	5	87+00.00	2089	0	109+50.00	25	876
19+94.82	9	178	42+81.88	13	20				71+50.00	23	113	87+50.00	3190	0	110+00.00	23	791
20+50.00	10	223	43+00.00	3	11	49+79.16	0	0	71+75.00	10	64	88+00.00	3846	0			
21+00.00	9	203	43+50.00	15	32	49+97.42	10	16	72+00.00	11	26	88+50.00	4189	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
21+50.00	7	182	44+00.00	16	33	50+50.00	29	0	72+50.00	24	145	89+00.00	4266	0			
21+82.72	3	93	44+21.94	6	13	50+71.22	15	0	73+00.00	30	234	89+50.00	2708	15	<b>Y2A</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
22+00.00	1	41	44+50.00	8	14	51+00.00	22	0	73+06.22	4	32	90+00.00	642	137	10+12.01	0	0
22+50.00	7	111	44+71.28	12	5	51+48.72	34	0	73+50.00	21	267	90+50.00	12	298	10+25.00	526	0
23+00.00	13	155	45+00.00	22	3	51+69.27	10	1	74+00.00	18	375	90+51.01	0	7	10+50.00	816	0
23+50.00	17	470	45+15.91	10	1	52+00.00	24	4	74+34.44	14	278	91+00.00	13	342	10+75.00	470	0
24+00.00	20	591	45+50.00	19	0	52+50.00	33	13	74+50.00	8	133	91+50.00	10	376	10+81.57	61	0
24+50.00	42	234	46+00.00	20	4	52+73.98	6	8	75+00.00	29	474	92+00.00	14	443	11+00.00	76	18
25+00.00	114	13	46+50.00	11	40	53+00.00	12	14	75+50.00	30	506	92+30.00	10	235	11+25.00	93	24
25+50.00	300	5	47+00.00	10	56	53+50.00	27	33	76+00.00	38	436	92+47.72	6	113	11+31.94	35	0
26+06.54	248	10	47+50.00	12	41	54+00.00	49	17	76+50.00	47	319	93+00.00	23	269	11+40.00	21	0
26+43.42	5	46	48+00.00	13	23	54+50.00	64	2	77+01.89	54	308	93+50.00	18	157			
26+50.00	0	13	48+43.79	20	27	54+77.16	26	1	77+41.74	38	247	94+00.00	9	118	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
26+61.08	1	10				54+90.00	10	1	77+50.00	8	47	94+50.00	7	104	<b>Y2A</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
27+00.00	9	9	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	55+00.00	5	5	78+00.00	41	256	94+91.46	3	82			
27+50.00	66	28				55+50.00	17	56	78+50.00	22	176	95+00.00	0	15	11+59.05	0	0
28+00.00	177	51	<b>Drv-1</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	56+00.00	22	93	79+00.00	17	144	95+50.00	1	71	11+73.00	133	0
28+50.00	247	59	10+13.40	0	0	56+50.00	23	119	79+50.00	13	131	95+75.00	2	23	11+85.00	114	0
28+75.00	122	26	10+25.00	4	1	56+75.00	11	50	80+00.00	8	81	96+00.00	4	18			
29+00.00	143	20	10+40.00	3	3	57+00.00	9	45				96+27.25	25	15	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
29+50.00	420	25	10+50.60	1	2	57+50.00	16	115	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	96+50.00	60	5			
29+75.00	262	8	10+70.00	4	1	58+00.00	14	121	<b>Y2</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	97+00.00	91	7	<b>Y3</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
30+00.00	258	6	10+78.16	4	0	58+50.00	14	140				97+16.12	8	4	10+12.01	0	0
30+50.00	297	11	10+95.00	13	0	59+00.00	12	187	10+18.01	0	0	97+50.00	18	18	10+25.00	6	0
31+07.55	77	8				59+50.00	10	122	10+50.00	32	0	98+00.00	7	40	10+45.00	6	0
31+50.00	33	10	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	60+00.00	12	38	10+75.00	67	1	98+32.07	25	27			
32+00.00	26	41				60+58.84	19	145	11+00.00	54	1	98+50.00	23	42	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
32+50.00	6	41	<b>Y1Rev</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	61+00.00	13	208				99+00.00	58	183			
33+00.00	11	20	11+15.00	0	0	61+50.00	23	311	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	99+50.00	59	174	<b>Drv-2</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
33+50.00	27	21	11+25.00	4	0	61+90.00	24	295				100+00.00	40	183	10+12.00	0	0
34+00.00	79	19	11+50.00	16	1	62+00.00	5	89	<b>L</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	100+50.00	33	186	10+24.41	3	0
34+50.00	179	9	11+75.00	15	2	62+50.00	17	801	80+00.00	0	0	101+00.00	45	176	10+39.00	12	0
35+00.00	394	4	12+00.00	16	5	63+00.00	5	1028	80+50.00	4	68	101+50.00	43	153	10+50.00	17	0
35+50.00	545	8	12+25.00	12	22	63+50.00	7	674	80+59.87	1	12	102+00.00	40	129	10+54.40	9	0
36+00.00	631	14	12+50.00	4	83	64+00.00	30	284	81+00.00	364	34	102+50.00	35	116			
36+50.00	652	17	12+75.00	0	120	64+50.00	47	76	81+50.00	887	26	103+00.00	21	104	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
37+00.00	524	49	13+00.00	3	90	65+01.31	63	5	81+80.00	420	10	103+50.00	14	90			
37+27.62	241	67	13+25.00	10	53	65+50.00	41	15	81+90.61	97	2	104+00.00	23	94	<b>L</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
37+50.00	162	75	13+50.00	15	21	66+00.00	18	56	82+00.00	58	1	104+50.00	31	119	110+00.00	0	0
38+00.00	300	152	13+50.57	0	0	66+50.00	34	84	82+50.00	119	153	105+00.00	38	216	110+50.00	13	818