

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
U-3330	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.

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.

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

## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	47+00.0000	1	56	108+00.0000	15	3	57+00.0000	15	209	29+43.0300	22	5	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt
Phase 2															Phase 4			Phase 4		
L LT	(cu. yd.)	(cu. yd.)										Det1 Removal	(cu. yd.)	(cu. yd.)	Y13-Det Removal	(cu. yd.)	(cu. yd.)	Y13-Det Removal	(cu. yd.)	(cu. yd.)
62+05.5000	0	0	48+00.0000	0	57	109+50.0000	8	47	58+50.0000	1	1	20+00.0000	0	0	11+38.5700	0	0	11+50.0000	0	15
62+50.0000	2	112	49+00.0000	0	54	110+00.0000	10	51	59+00.0000	3	86	20+50.0000	156	11	12+00.0000	0	142	12+50.0000	6	108
63+00.0000	3	89	49+50.0000	0	52	110+50.0000	16	56	59+50.0000	12	267	23+50.0000	2233	50	12+90.1100	6	49	12+90.1100	6	49
63+50.0000	6	34	50+00.0000	0	57	111+00.0000	37	68	60+00.5000	19	363	24+00.0000	501	0	Station			Station		
64+00.0000	29	10	50+50.0000	0	67	111+50.0000	81	34	Station	Uncl. Exc.	Embt	24+50.0000	497	0	Phase 3			Phase 4	Uncl. Exc.	Embt
64+50.0000	34	10	51+00.0000	0	69	112+00.0000	335	33	Phase 3	(cu. yd.)	(cu. yd.)	25+00.0000	428	0	L RT	(cu. yd.)	(cu. yd.)	Station		
65+00.0000	10	55	51+50.0000	0	71	112+50.0000	365	69	62+05.5000	0	0	25+50.0000	296	0	Y13-Det Removal	(cu. yd.)	(cu. yd.)	Y13-Det Removal	(cu. yd.)	(cu. yd.)
65+50.0000	1	122	52+00.0000	0	73	113+00.0000	92	207	62+50.0000	2	295	26+00.0000	144	0	13+67.0800	0	0	13+67.0800	0	0
66+00.0000	1	177	52+50.0000	0	78	113+50.0000	137	200	63+00.0000	3	309	Station			14+00.0000	42	35	14+00.0000	42	35
66+50.0000	9	140	53+00.0000	0	76	114+00.0000	128	58	63+50.0000	5	301	Phase 3	(cu. yd.)	(cu. yd.)	14+40.5500	7	21	14+40.5500	7	21
67+00.0000	26	42	Station	Uncl. Exc.	Embt	114+50.0000	0	12	64+00.0000	5	329	Y4	(cu. yd.)	(cu. yd.)	Station			Station		
67+50.0000	44	6	Phase 2	(cu. yd.)	(cu. yd.)	115+50.0000	10	4	64+50.0000	3	345	10+52.2000	0	0	Phase 4			Phase 4		
Station	Uncl. Exc.	Embt	Y1	(cu. yd.)	(cu. yd.)	116+00.0000	16	6	65+00.0000	1	332	11+00.0000	2	88	L MED	(cu. yd.)	(cu. yd.)	L MED	(cu. yd.)	(cu. yd.)
Phase 2	(cu. yd.)	(cu. yd.)	22+30.0000	0	0	116+50.0000	12	6	65+50.0000	0	298	11+50.0000	41	158	53+00.0000	0	0	53+00.0000	0	0
L MED	(cu. yd.)	(cu. yd.)	22+50.0000	6	16	117+00.0000	11	7	66+00.0000	0	273	12+00.0000	124	76	53+50.0000	0	70	53+50.0000	0	70
28+00.0000	0	0	23+00.0000	13	31	117+50.0000	8	10	66+50.0000	0	254	12+50.0000	193	19	54+00.0000	0	75	54+00.0000	0	75
28+50.0000	0	10	23+50.0000	14	33	118+00.0000	6	12	67+00.0000	0	262	13+00.0000	132	20	54+50.0000	0	77	54+50.0000	0	77
29+00.0000	0	31	24+00.0000	14	43	118+50.0000	6	16	67+50.0000	1	282	13+50.0000	42	13	55+00.0000	0	71	55+00.0000	0	71
29+50.0000	0	41	24+04.0000	0	2	119+00.0000	6	19	68+00.0000	1	303	13+58.0000	5	1	55+50.0000	0	62	55+50.0000	0	62
30+00.0000	0	40	Station	Uncl. Exc.	Embt	119+50.0000	7	24	68+50.0000	0	313	Station			56+00.0000	0	48	56+00.0000	0	48
30+50.0000	0	42	Phase 2	(cu. yd.)	(cu. yd.)	120+00.0000	7	30	69+00.0000	0	309	Phase 3	(cu. yd.)	(cu. yd.)	56+50.0000	1	36	56+50.0000	1	36
31+00.0000	0	44	Y5	(cu. yd.)	(cu. yd.)	120+50.0000	6	33	Station	Uncl. Exc.	Embt	Y7B	(cu. yd.)	(cu. yd.)	57+00.0000	2	32	57+00.0000	2	32
31+50.0000	0	45	12+00.5500	0	0	121+00.0000	6	35	Phase 3	(cu. yd.)	(cu. yd.)	10+68.0400	0	0	57+50.0000	1	30	57+50.0000	1	30
32+00.0000	0	47	12+50.0000	0	33	121+50.0000	6	33	Det3	(cu. yd.)	(cu. yd.)	11+00.0000	7	2	58+00.0000	0	35	58+00.0000	0	35
32+50.0000	0	47	13+00.0000	0	117	122+00.0000	6	31	14+67.2800	0	0	11+50.0000	13	18	58+50.0000	0	56	11+50.0000	13	18
33+00.0000	0	49	13+41.2600	0	138	122+50.0000	10	28	15+50.0000	12	1	12+00.0000	8	30	59+00.0000	0	79	12+00.0000	8	30
33+50.0000	0	49	Station	Uncl. Exc.	Embt	123+00.0000	12	24	16+00.0000	33	3	12+50.0000	16	18	59+50.0000	0	44	12+50.0000	16	18
34+00.0000	1	49	Phase 3	(cu. yd.)	(cu. yd.)	123+50.0000	11	20	16+50.0000	31	2	12+86.4700	15	4	60+00.50000	0	0	12+86.4700	15	4
34+50.0000	1	50	L LT	(cu. yd.)	(cu. yd.)	124+00.0000	12	16	17+00.0000	39	23	Station			Station			Station		
35+00.0000	0	49	95+00.0000	0	0	124+50.0000	13	13	17+50.0000	31	68	Phase 3	(cu. yd.)	(cu. yd.)	Phase 4			Phase 4		
35+50.0000	0	50	95+50.0000	61	19	125+00.0000	13	9	18+00.0000	7	103	Y8	(cu. yd.)	(cu. yd.)	L MED	(cu. yd.)	(cu. yd.)	Y8	(cu. yd.)	(cu. yd.)
36+00.0000	0	53	96+00.0000	21	32	125+50.0000	13	7	18+50.0000	6	124	12+71.5700	0	0	62+05.5000	0	0	12+71.5700	0	0
36+50.0000	0	53	96+50.0000	18	32	126+00.0000	13	6	19+00.0000	19	154	13+00.0000	8	1	62+50.0000	0	27	13+00.0000	8	1
37+00.0000	0	58	97+00.0000	20	25	Station	Uncl. Exc.	Embt	19+50.0000	62	95	13+50.0000	15	23	63+00.0000	0	25	13+50.0000	15	23
37+50.0000	0	63	97+50.0000	15	30	Phase 3	(cu. yd.)	(cu. yd.)	21+00.0000	342	47	13+86.5000	1	32	63+50.0000	0	19	13+86.5000	1	32
38+00.0000	0	51	98+00.0000	11	16	L MED	(cu. yd.)	(cu. yd.)	21+02.6500	7	1	Station			64+00.0000	0	15	21+02.6500	7	1
38+50.0000	0	44	98+50.0000	5	8	68+00.0000	0	0	Station	Uncl. Exc.	Embt	Phase 3	(cu. yd.)	(cu. yd.)	64+50.0000	0	17	68+00.0000	0	0
39+00.0000	0	52	99+00.0000	4	13	68+50.0000	0	73	Phase 3	(cu. yd.)	(cu. yd.)	Y3Rpb	(cu. yd.)	(cu. yd.)	65+00.0000	0	24	68+50.0000	0	0
39+50.0000	0	56	99+50.0000	6	23	69+00.0000	0	85	Det3	(cu. yd.)	(cu. yd.)	10+00.0000	0	0	65+50.0000	0	28	69+00.0000	0	0
40+00.0000	0	55	100+00.0000	6	14	69+50.0000	0	80	23+07.6500	0	0	10+50.0000	59	0	66+00.0000	0	28	23+07.6500	0	0
40+50.0000	0	46	100+50.0000	9	21	70+00.0000	0	75	23+50.0000	115	11	11+00.0000	72	0	66+50.0000	0	30	23+50.0000	115	11
41+00.0000	0	40	101+00.0000	11	48	70+50.0000	0	75	24+00.0000	137	12	11+50.0000	88	0	67+00.0000	0	35	24+00.0000	137	12
41+50.0000	1	46	101+50.0000	11	56	71+00.0000	0	68	24+50.0000	134	9	12+00.0000	69	0	67+50.0000	0	41	24+50.0000	134	9
42+00.0000	1	59	102+00.0000	14	58	71+50.0000	0	60	25+00.0000	101	29	12+50.0000	35	0	68+00.0000	0	52	25+00.0000	101	29
42+50.0000	0	56	102+50.0000	14	54	72+00.0000	0	54	25+50.0000	68	65	13+00.0000	16	0				25+50.0000	68	65
43+00.0000	0	44	103+00.0000	16	46	72+50.0000	0	44	26+00.0000	72	61	13+50.0000	6	0				26+00.0000	72	61
43+50.0000	0	48	103+50.0000	27	42	73+00.0000	0	37	26+50.0000	93	49	14+00.0000	10	0				26+50.0000	93	49
44+00.0000	0	56	104+00.0000	18	20	73+50.0000	0	35	Station	Uncl. Exc.	Embt	14+50.0000	17	0				27+00.0000	118	45
44+50.0000	1	63	105+50.0000	12	0	Station	(cu. yd.)	(cu. yd.)	27+50.0000	121	36	14+94.7000	18	0				27+50.0000	121	36
45+00.0000	1	56	106+00.0000	25	0	Phase 3	(cu. yd.)	(cu. yd.)	28+00.0000	98	19							28+00.0000	98	19
45+50.0000	1	47	106+50.0000	29	0	L RT	(cu. yd.)	(cu. yd.)	28+50.0000	83	2							28+50.0000	83	