

**STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS**

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-5023B	X-1A

Note: Earthwork quantities are calculated by HNTB for Division 03. These earthwork quantities are based in part on subsurface

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

**CROSS-SECTION SUMMARY**

Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut	Station	Uncl. Exc.	Embt	Undercut		
L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)	L	(cu. yd.)	(cu. yd.)	(cu. yd.)		
11+50.00	0	0	0	38+00.00	63	46	0	64+50.00	70	39	0	91+00.00	12	11	54		
12+00.00	69	24	0	38+50.00	68	42	0	65+00.00	33	48	0	91+50.00	12	3	41		
12+50.00	74	27	0	39+00.00	72	53	0	65+50.00	23	9	0	92+00.00	21	0	12		
13+00.00	85	29	0	39+50.00	74	53	0	66+00.00	22	13	0	92+50.00	46	10	0		
13+50.00	141	17	0	40+00.00	74	55	0	66+50.00	37	21	0	93+00.00	67	23	0		
14+00.00	137	20	0	40+50.00	92	56	0	67+00.00	36	14	0	93+50.00	53	31	0		
14+50.00	91	33	0	41+00.00	148	27	0	67+50.00	54	7	0	94+00.00	30	53	0		
15+00.00	128	20	0	41+50.00	128	20	0	68+00.00	75	1	0	94+50.00	16	82	0		
15+50.00	159	7	0	42+00.00	67	52	0	68+50.00	47	3	0	95+00.00	12	103	0		
16+00.00	151	4	0	42+50.00	63	65	0	69+00.00	16	5	0	95+50.00	9	107	0		
16+50.00	138	4	0	43+00.00	57	57	0	69+50.00	12	6	0	96+00.00	5	100	0		
17+00.00	138	3	0	43+50.00	52	44	0	70+00.00	12	5	0	96+50.00	9	65	0		
17+50.00	112	2	0	44+00.00	54	32	0	70+50.00	8	2	0	97+00.00	13	30	0		
18+00.00	71	6	0	44+50.00	49	27	0	71+00.00	3	0	0	97+50.00	13	34	0		
18+50.00	60	9	0	45+00.00	54	16	0	71+50.00	3	0	0	98+00.00	13	39	0		
19+00.00	46	13	0	45+50.00	68	7	0	72+00.00	6	7	0	98+50.00	13	29	0		
19+50.00	29	24	0	46+00.00	62	16	0	72+50.00	9	19	0	99+00.00	12	22	22		
20+00.00	23	31	0	46+50.00	59	27	0	73+00.00	9	32	0	99+50.00	11	68	108		
20+50.00	35	27	0	47+00.00	66	35	0	73+50.00	8	28	0	100+00.00	9	137	103		
21+00.00	61	22	0	47+50.00	81	34	0	74+00.00	7	33	0	100+50.00	10	169	98		
21+50.00	87	20	0	48+00.00	81	34	0	74+50.00	8	54	0	101+00.00	10	171	69		
22+00.00	98	20	0	48+50.00	71	35	0	75+00.00	8	62	0	101+50.00	10	188	22		
22+50.00	91	29	0	49+00.00	48	40	0	75+50.00	8	69	0	102+00.00	8	221	0		
23+00.00	68	55	0	49+50.00	25	50	0	76+00.00	9	67	0	102+50.00	6	168	0		
23+50.00	41	105	0	50+00.00	24	53	0	76+50.00	9	61	0	103+00.00	6	98	1		
24+00.00	32	101	0	50+50.00	29	55	0	77+00.00	10	47	0	103+50.00	10	75	29		
24+50.00	61	46	0	51+00.00	49	55	0	77+50.00	12	45	0	104+00.00	14	45	42		
25+00.00	100	14	0	51+50.00	79	43	0	78+00.00	16	36	0	104+25.00	4	9	0		
25+50.00	136	2	0	52+00.00	91	29	0	78+50.00	20	28	0						
26+00.00	166	1	0	52+50.00	94	42	0	79+00.00	22	26	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	<b>Undercut</b>		
26+50.00	131	1	0	53+00.00	116	52	0	79+50.00	24	13	0	<b>L1</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>		
27+00.00	104	1	0	53+50.00	150	37	0	80+00.00	20	33	0						
27+50.00	137	1	0	54+00.00	160	35	0	80+50.00	15	52	0	14+40.00	0	0	0		
28+00.00	146	3	0	54+50.00	145	42	0	81+00.00	9	73	0	14+50.00	3	6	0		
28+50.00	117	7	0	55+00.00	138	44	44	81+50.00	6	92	0	15+00.00	29	60	16		
29+00.00	101	12	0	55+50.00	146	43	83	82+00.00	6	97	0	15+50.00	34	57	33		
29+50.00	97	14	0	56+00.00	151	42	70	82+50.00	6	110	0	16+00.00	30	66	38		
30+00.00	94	12	0	56+50.00	153	42	30	83+00.00	7	118	0	16+50.00	23	85	42		
30+50.00	96	7	0	57+00.00	151	34	0	83+50.00	7	122	0	17+00.00	29	102	48		
31+00.00	92	11	0	57+50.00	93	18	0	84+00.00	9	61	0	17+50.00	49	104	59		
31+50.00	80	19	0	58+00.00	26	9	0	84+50.00	12	0	0	18+00.00	41	86	63		
32+00.00	65	20	0	58+50.00	55	3	0	85+00.00	12	9	0	18+50.00	24	43	48		
32+50.00	56	33	0	59+00.00	92	0	0	85+50.00	12	49	0	19+00.00	37	6	49		
33+00.00	48	37	0	59+50.00	80	0	0	86+00.00	12	95	0	19+50.00	30	18	59		
33+50.00	35	34	0	60+00.00	68	0	0	86+50.00	10	102	0	20+00.00	17	38	57		
34+00.00	56	51	0	60+50.00	58	0	0	87+00.00	7	111	0	20+50.00	48	28	74		
34+50.00	63	80	0	61+00.00	54	0	0	87+50.00	6	141	0	21+00.00	73	45	35		
35+00.00	54	84	0	61+50.00	36	2	0	88+00.00	16	90	0	21+50.00	100	70	37		
35+50.00	75	61	0	62+00.00	31	4	0	88+50.00	30	32	0	22+00.00	212	63	35		
36+00.00	99	49	0	62+50.00	24	2	0	89+00.00	33	38	0	22+50.00	243	63	33		
36+50.00	111	37	0	63+00.00	20	6	0	89+50.00	47	26	10	23+00.00	175	69	32		
37+00.00	95	32	0	63+50.00	31	6	0	90+00.00	47	14	24	23+50.00	159	71	33		
37+50.00	69	50	0	64+00.00	70	0	0	90+50.00	26	13	39	24+00.00	167	72	33		