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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

PROJ. REFERENCE NO.	SHEET NO.
U-3615B	X-1G

Earthwork quantities are calculated by the Roadway Design Unit. These quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

Station PHASE I Y43N	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
12+55.36	16	19	19

Station PHASE I Y43S	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
10+37.58	0	0	0
10+70.00	11	19	39
11+05.00	11	38	13
11+20.00	6	16	4
11+30.00	2	6	1
11+55.00	0	0	0

Station PHASE III Y44	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
12+00.00	0	0
12+25.00	4	1
12+50.00	9	2
13+00.00	10	15
13+20.00	1	16
13+41.51	0	47

Station PHASE III Y45N	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
11+97.82	0	0	0
12+22.82	0	1	0
12+45.00	2	10	3
12+50.00	0	4	1
12+70.00	1	20	5
12+98.02	0	72	3

Station PHASE I Y45S	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
10+37.57	0	0	0
10+50.00	0	109	2
10+55.00	0	34	0
11+00.00	4	142	1
11+41.74	9	14	0
11+66.74	3	0	0

Station PHASE I Y46	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+41.45	0	0
10+80.00	76	0
11+14.20	53	0
11+39.20	0	0

Station PHASE I Temp1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
10+00.00	0	0	0
10+28.56	0	335	0
10+78.37	0	803	0
11+28.10	0	1015	0
11+77.83	0	1012	0
12+27.56	0	740	0
12+77.29	0	374	0
13+27.02	59	101	0
13+76.74	127	0	0
14+26.47	118	0	0
14+76.20	82	1	0
15+25.93	59	1	0
15+75.66	61	4	0
16+25.39	82	4	0
16+75.11	100	5	0
17+24.84	99	8	0
17+74.57	83	14	0
18+23.30	35	10	0

Station PHASE I Temp2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
10+00.00	0	0	0
10+24.67	26	4	0
10+74.24	34	24	0
11+23.83	18	36	0
11+73.59	10	47	0
12+23.54	9	51	0
12+73.54	28	35	0
13+23.54	59	23	0
13+73.54	92	24	0
14+23.54	106	22	0
14+73.54	108	10	0
14+74.88	3	0	0

Station PHASE I Temp3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
10+50.00	0	0	0
10+60.00	2	24	0
11+10.00	15	89	0
11+60.00	53	26	0
12+10.00	79	0	0
12+60.00	94	0	0
13+10.00	157	0	0
13+60.00	146	14	0
14+10.00	82	39	0
14+60.00	76	49	0
15+10.00	81	57	0
15+60.00	71	80	0
16+09.90	55	121	0
16+59.59	42	196	0
17+09.07	27	186	0

Station PHASE I Temp3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
17+58.44	12	96	0
18+07.82	5	53	0
18+57.18	9	33	0
19+06.55	89	17	0
19+55.92	343	6	0
19+85.54	324	0	0

Station PHASE I Temp4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
11+00.00	0	0	0
11+50.00	119	0	37
12+00.00	96	0	37
12+50.00	93	0	37
13+00.00	105	0	37
13+25.00	57	0	19
13+50.00	56	0	10
14+00.00	62	2	0
14+50.00	25	2	0
15+00.00	35	0	0
15+50.00	40	2	0
16+00.00	61	2	0
16+50.00	61	2	0
17+00.00	39	6	0
17+50.00	42	11	0
18+00.00	49	7	0
18+50.00	55	1	0
19+00.00	44	1	0
19+51.33	34	3	0
20+02.66	50	2	0
20+54.08	44	0	0
21+05.49	14	3	0
21+56.90	10	3	0
22+08.29	19	0	0
22+59.69	17	11	0
23+11.08	19	13	0
23+62.48	24	6	0
24+13.87	17	8	0
24+65.27	24	7	0
25+16.68	22	36	0
25+68.10	9	70	0
26+19.50	15	43	0
26+70.52	15	25	0
27+21.07	8	44	0
27+71.17	12	32	0
28+21.17	12	24	0
28+71.17	8	40	0
29+21.17	12	28	0
29+71.17	19	7	0
30+21.17	39	2	0
30+46.17	26	0	7
30+71.17	18	1	14
31+01.17	14	1	19

Station PHASE I Temp4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
31+21.17	10	0	15
31+71.17	24	0	39
32+21.17	19	0	38
32+71.17	16	1	36
33+21.17	19	1	37
33+71.17	28	0	40
34+21.17	42	0	41
34+71.17	50	0	41
35+21.17	58	0	41
35+71.17	68	0	42
36+21.17	55	0	43
36+71.17	39	0	42
37+21.17	32	0	40
37+71.17	20	0	36
37+91.17	10	0	14
38+21.17	22	0	11
38+71.17	45	0	0
39+21.17	48	1	0
39+71.09	70	1	0
40+20.98	102	0	0
40+70.86	67	0	0
41+20.74	28	0	0
41+70.71	45	0	0
42+20.71	80	0	0
42+70.71	111	0	0
43+20.71	106	0	0
43+70.71	76	0	0
44+20.71	63	0	0
44+70.76	57	0	0
45+20.88	53	0	0
45+70.99	34	4	0
46+21.11	30	6	0
46+71.19	60	2	0
47+21.19	86	0	0
47+71.19	70	0	0
48+21.19	59	0	0
48+71.19	65	0	0
49+21.19	41	0	0
49+71.19	9	0	0

Station PHASE I Temp4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
51+21.19	0	0	0
51+71.19	21	0	0
52+21.19	48	0	0
52+31.19	5	0	0