

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
R-0513A	X-C

NOTE: EMBANKMENT COLUMN INCLUDES 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. meters)	(cu. meters)	(cu. meters)	Y1	(cu. meters)	(cu. meters)	(cu. meters)	Lpdy1	(cu. meters)	(cu. meters)	(cu. meters)	Y1	(cu. meters)	(cu. meters)	(cu. meters)
12+20.0000	0	0	0	19+40.0000	0	3327	0	12+47.7500	0	2712	0	16+50.0000	0	7965	0
12+40.0000	160	0	0	19+60.0000	0	2896	0	12+64.0000	0	2960	0				
12+60.0000	144	0	0	19+80.0000	0	2574	0	12+80.0000	0	3148	0	Station	Uncl. Exc.	Embt	UnderCut
12+80.0000	123	1	0	20+00.0000	0	2337	0	12+95.0000	0	3187	0	Y1	(cu. meters)	(cu. meters)	(cu. meters)
13+00.0000	102	2	0	20+20.0000	0	2176	0	13+09.5000	0	3324	0				
13+20.0000	85	5	0	20+40.0000	0	1823	0	13+23.5000	0	3342	0	17+65.0000	0	0	0
13+40.0000	74	7	0	20+60.0000	0	1527	0	13+38.0000	0	3339	0	17+80.0000	0	2388	0
13+60.0000	64	4	0	20+80.0000	0	1415	0	13+52.0000	0	3080	0	18+00.0000	0	3823	0
13+80.0000	58	1	0	21+00.0000	0	1213	0	13+65.5000	0	2994	0	18+20.0000	0	3968	0
14+00.0000	51	7	0	21+20.0000	0	1018	0	13+79.0000	0	3085	0	18+40.0000	0	4116	0
14+20.0000	36	21	0	21+40.0000	0	811	0	13+92.0000	0	3121	0	18+60.0000	0	4293	0
				21+60.0000	0	624	0	14+05.0000	0	3321	0	18+77.0000	0	4075	0
Station	Uncl. Exc.	Embt	UnderCut	21+80.0000	0	471	0	14+18.0000	0	3531	0	18+99.0000	0	5511	0
L	(cu. meters)	(cu. meters)	(cu. meters)	22+00.0000	0	345	0	14+30.5000	0	3614	0	19+19.0000	0	4594	0
				22+20.0000	0	237	0	14+43.0000	0	3846	0	19+40.0000	0	4323	0
14+20.0000	0	0	0	22+40.0000	16	147	0	14+55.0000	0	3895	0	19+60.0000	0	3586	0
14+40.0000	25	62	0					14+67.5000	0	4301	0	19+80.0000	0	2960	0
14+60.0000	20	130	0	Station	Uncl. Exc.	Embt	UnderCut	14+77.0000	0	3455	0	20+00.0000	0	2393	0
14+80.0000	15	211	0	Sr1	(cu. meters)	(cu. meters)	(cu. meters)	14+86.7500	0	3740	0				
15+00.0000	8	312	0	24+04.2910	0	0	0	14+98.0000	0	4618	0	Station	Uncl. Exc.	Embt	UnderCut
15+20.0000	1	415	0	24+21.5000	30	60	0	15+10.0000	0	5105	0	Y1	(cu. meters)	(cu. meters)	(cu. meters)
15+40.0000	0	514	0	24+41.0000	38	64	0					17+65.0000	0	0	0
15+60.0000	0	629	0	24+60.0000	51	52	0	Station	Uncl. Exc.	Embt	UnderCut	17+80.0000	0	5150	0
15+80.0000	0	771	0	24+75.0000	49	42	0	Y1	(cu. meters)	(cu. meters)	(cu. meters)	18+00.0000	0	6590	0
16+00.0000	0	932	0	24+90.0000	55	48	0	10+60.0000	0	0	0	18+20.0000	0	6312	0
16+20.0000	0	1165	0	25+10.0000	73	106	0	10+80.0000	72	7	0	18+40.0000	0	6575	0
16+40.0000	0	1393	0	25+30.0000	45	156	0	11+00.0000	90	16	0	18+60.0000	0	6873	0
16+60.0000	0	1504	0	25+50.0000	16	250	0	11+20.0000	168	40	0	18+77.0000	0	6436	0
16+80.0000	0	1584	0					11+60.0000	218	276	0	18+99.0000	0	8764	0
17+00.0000	0	1708	0	Station	Uncl. Exc.	Embt	UnderCut	11+80.0000	0	307	0	19+19.0000	0	7735	0
17+20.0000	0	1915	0	Rpcy1	(cu. meters)	(cu. meters)	(cu. meters)	12+00.0000	0	518	0	19+40.0000	0	6917	0
17+40.0000	0	1858	0	12+87.0000	0	0	0	12+20.0000	0	746	0	19+60.0000	0	5115	0
17+60.0000	0	1663	0	13+03.0000	0	2431	0	12+40.0000	0	1015	0	19+80.0000	0	4436	0
17+80.0000	0	1623	0	13+20.0000	0	2781	0	12+60.0000	0	1380	0	20+00.0000	0	3778	0
18+00.0000	0	1631	0	13+40.0000	0	3665	0	12+80.0000	0	1794	0	20+20.0000	0	4090	0
18+20.0000	0	1753	0	13+60.0000	0	4334	0	13+00.0000	0	2207	0	20+40.0000	0	4332	0
18+40.0000	0	1878	0	13+77.0000	0	4524	0	13+20.0000	0	2614	0	20+60.0000	0	3599	0
18+60.0000	0	1996	0	14+00.0000	0	6677	0	13+40.0000	0	3204	0	20+80.0000	0	3077	0
18+80.0000	0	2091	0					13+60.0000	0	4035	0	21+00.0000	0	2449	0
19+09.990	0	3167	0					13+80.0000	0	4952	0	21+20.0000	0	1790	0
				Station	Uncl. Exc.	Embt	UnderCut	14+00.0000	0	5036	0	21+40.0000	0	1084	0
Station	Uncl. Exc.	Embt	UnderCut	Lpdy1	(cu. meters)	(cu. meters)	(cu. meters)	14+40.0000	0	9112	0	21+60.0000	0	553	0
Y1	(cu. meters)	(cu. meters)	(cu. meters)					14+60.0000	0	6873	0	21+80.0000	0	377	0
17+65.0000	0	0	0	10+82.0000	0	0	0	14+80.0000	0	14345	0	22+00.0000	0	224	0
17+80.0000	0	1673	0	11+02.0000	0	770	0	15+00.0000	0	18745	0	22+20.0000	0	129	0
18+00.0000	0	2268	0	11+22.0000	0	906	0	15+18.0000	0	15415	0	22+40.0000	16	64	0
18+20.0000	0	2344	0	11+42.0000	0	1252	0	15+38.0000	0	15470	0	22+60.0000	40	16	0
18+40.0000	0	2459	0	11+62.0000	0	1632	0	15+58.0000	0	14230	0	22+80.0000	73	2	0
18+60.0000	0	2581	0	11+82.0000	0	2003	0	15+76.0000	0	11780	0	23+00.0000	72	25	0
18+77.0000	0	2361	0	11+98.0000	0	1902	0	15+95.0000	0	11287	0	23+20.0000	34	52	0
18+99.0000	0	3254	0	12+15.0000	0	2317	0	16+13.0000	0	9631	0	23+40.0000	13	73	0
19+19.0000	0	3141	0	12+31.5000	0	2509	0	16+30.0000	0	7877	0	23+60.0000	2	61	0