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-1A

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 L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
169+46.53	0	0	0
169+50.00	0	0	0
170+00.00	6	40	0
170+50.00	1	119	0
171+00.00	4	246	0
171+50.00	5	285	0
172+00.00	1	264	0
172+50.00	0	284	0
173+00.00	0	218	0
173+50.00	0	130	0
174+00.00	6	69	0
174+50.00	19	96	0
175+00.00	30	141	0
175+50.00	21	134	0
176+00.00	7	139	0
176+50.00	6	157	0
177+00.00	6	141	0
177+50.00	9	116	0
178+00.00	12	166	0

Station PHASE I L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
178+00.00	0	0	0
178+50.00	0	229	0
179+00.00	0	271	0
179+50.00	0	316	0
180+00.00	0	377	0
180+50.00	0	446	0
181+00.00	0	265	0
181+50.00	0	72	0
182+00.00	0	85	0
182+50.00	0	263	0
183+00.00	0	431	0
183+50.00	0	435	0
184+00.00	6	431	0
184+50.00	28	372	0
185+00.00	55	272	0
185+50.00	77	212	0
186+00.00	52	171	0
186+50.00	14	110	0
187+00.00	12	76	0
187+50.00	17	65	0
188+00.00	13	91	0
188+50.00	3	134	0
189+00.00	0	146	0
189+50.00	0	152	0
190+00.00	1	120	0
190+50.00	1	156	0
191+00.00	122	173	0
191+50.00	231	106	0
192+00.00	201	106	0
192+50.00	93	167	0

Station PHASE I L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
193+00.00	0	283	0
193+50.00	0	429	0
194+00.00	0	628	0
194+50.00	0	750	0
195+00.00	0	690	0
195+50.00	0	541	0
196+00.00	0	391	0
196+50.00	0	330	0
197+00.00	0	312	0
197+50.00	7	169	0
198+00.00	7	90	0
198+50.00	0	313	0
199+00.00	0	583	0
199+50.00	0	580	0
200+00.00	0	672	0
200+50.00	0	914	0
201+00.00	0	969	0
201+50.00	0	1121	0
202+00.00	0	1316	0
202+50.00	0	1395	0
203+00.00	0	1482	0
203+50.00	0	1455	0
204+00.00	0	1297	0
204+50.00	0	976	0
205+00.00	0	591	0
205+50.00	0	288	0
206+00.00	0	380	0
206+50.00	0	544	0
207+00.00	0	483	0
207+50.00	0	722	0

Station PHASE I L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
212+00.00	0	0	0
212+50.00	272	13	0
213+00.00	289	4	0
213+50.00	247	1	0
214+00.00	105	19	0
214+50.00	1	74	0
215+00.00	0	128	0
215+50.00	54	72	0
216+00.00	267	0	0
216+50.00	554	0	0
217+00.00	691	0	0
217+50.00	631	0	0
218+00.00	506	0	0
218+50.00	225	52	0
219+00.00	0	178	0
219+50.00	0	210	0
220+00.00	70	93	0
220+50.00	342	10	0
221+00.00	600	2	0

Station PHASE I L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
221+50.00	761	0	0
222+00.00	875	0	0
222+50.00	731	0	0
223+00.00	608	0	0
223+50.00	535	0	0
224+00.00	313	0	0
224+50.00	108	22	0
225+00.00	10	116	0
225+50.00	5	116	0
226+00.00	53	22	0
226+50.00	140	0	0
227+00.00	356	0	0
227+50.00	718	0	0
228+00.00	846	0	0
228+50.00	638	0	0
229+00.00	354	0	0
229+50.00	144	6	0
230+00.00	35	91	0
230+50.00	0	334	0
231+00.00	0	605	0
231+50.00	0	661	0
232+00.00	0	712	0
232+50.00	0	842	0
233+23.87	0	1321	0

Station PHASE I L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
234+33.61	0	0	0
234+50.00	0	393	0
235+00.00	0	1444	0
235+09.03	0	311	0
235+50.00	0	1472	0
236+00.00	0	1898	0
236+50.00	0	1243	0
237+00.00	0	1172	0
237+28.00	0	964	0

Station PHASE I L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
239+38.00	0	0	0
239+50.00	0	384	0
240+00.00	0	1659	0
240+50.00	0	1671	0
241+00.00	0	1556	0
241+50.00	0	1363	0
242+00.00	0	1295	0
242+50.00	0	1148	0
243+00.00	0	844	0
243+50.00	0	550	0
244+00.00	0	295	0
244+50.00	0	144	0

Station PHASE I L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
245+00.00	9	68	0
245+50.00	25	14	0
246+00.00	30	10	0
246+50.00	28	11	0
247+00.00	21	18	0

Station PHASE I L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
247+50.00	0	0	0
248+00.00	87	62	0
248+50.00	106	47	0
249+00.00	193	7	0
249+50.00	253	0	0
250+00.00	237	7	0
250+50.00	212	93	0
251+00.00	197	258	0
251+50.00	148	189	0
252+00.00	105	19	0
252+50.00	73	12	0
253+00.00	33	53	0
253+50.00	46	44	0
254+00.00	77	10	0
254+50.00	60	51	0
254+75.00	32	28	17
255+00.00	56	11	34
255+50.00	178	6	65
256+00.00	265	0	60
256+50.00	344	0	57
257+00.00	291	0	52
257+50.00	122	1	46
257+70.00	8	17	19
258+00.00	1	48	15
258+50.00	4	41	0
259+00.00	18	23	0
259+50.00	17	63	0
260+00.00	4	129	0

Station PHASE I L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Shallow UnderCut (cu. yd.)
252+00.00	0	0	0
252+50.00	4	40	0
253+00.00	4	45	0
253+50.00	8	39	0
254+00.00	40	11	0
254+50.00	158	1	0
254+75.00	124	0	14
255+00.00	127	0	28
255+50.00	312	0	54
256+00.00	361	0	55
256+50.00	283	0	55
257+00.00	143	0	49