

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.

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT EXCAVATION	EMB'T + %	BORROW	TOTAL WASTE
PHASE I SUMMARY 1					
-L- 421+69 TO 447+00	428131	-	25532	-	402599
-Y5- 12+25 TO 15+58.75	239	-	191	-	48
-Y6- 20+50 TO 24+10 (BEG. BRIDGE)	29	-	8588	8559	-
-Y6- 26+28 (END BRIDGE) TO 32+16.04	552	-	668	116	-
-Y6A DET- 10+16.56 TO 14+00	775	-	19	-	756
SUBTOTAL SUMMARY 1	429726	-	34998	8675	403403
PHASE I SUMMARY 2					
-L- 461+00 TO 467+50 LT	4376	1678	9456	8603	5201
-Y7A- 10+00 TO 13+45	385	-	372	-	13
-L- 471+00 TO 479+00 RT	51056	-	163	-	50893
SUBTOTAL SUMMARY 2	55817	1678	9991	8603	56107
PHASE I SUMMARY 3					
-RPBY8- 5+36.18 TO 12+57.49	638	-	23887	23249	-
-SPBY8- 0+72.44 TO 3+13.94	197	-	1453	1256	-
-RPCY8- 5+44.95 TO 12+88.23	1063	-	14917	13854	-
-SPCY8- 2+09.89 TO 3+54.97	1	-	3305	3304	-
SUBTOTAL SUMMARY 3	1899	-	43562	41663	-
PHASE I SUMMARY 4					
-Y8- LT 11+00 TO 13+00	57	-	26	-	31
-Y8- RT 11+00 TO 12+00	29	-	5	-	24
-Y8 DET- 12+00 TO 24+00	3546	-	2746	-	800
-Y8- LT 24+50 TO 27+00	157	-	31	-	126
-Y8- RT 24+50 TO 27+00	131	-	46	-	85
SUBTOTAL SUMMARY 4	3920	-	2854	-	1066
PHASE I SUMMARY 5					
-RPAY8- 5+23.63 TO 10+22.27	-	-	62347	62347	-
-RPDY8- 5+73.96 TO 11+24.61	-	-	34303	34303	-
-L- 503+00.89 TO 525+21.66	205703	-	167648	-	38055
SUBTOTAL SUMMARY 5	205703	-	264298	96650	38055
SUBTOTAL	697065	1678	355703	155591	498631
WASTE IN LIEU OF BORROW PHASE I				-155591	-155591
SUBTOTAL PHASE I	697065	1678	355703	-	343040
PHASE 2 SUMMARY 1					
-L- 447+00 TO 451+00	71184	-	-	-	71184
-Y6- 17+00 TO 20+50	235	-	130	-	105
-Y6A- 10+20.69 TO 15+00	236	-	588	352	-
SUBTOTAL SUMMARY 1	71655	-	718	352	71289
PHASE 2 SUMMARY 2					
-L- 451+00 TO 461+00	41609	-	37558	-	4051
-L- 461+00 TO 467+50 RT	-	-	31840	31840	-
-L- 467+50 TO 471+00	2017	-	22552	20535	-
-L- 471+00 TO 479+00 LT	1532	-	10979	9447	-
-L- 479+00 TO -L- 483+50	4616	-	28376	23760	-
-PED- 10+00 TO 18+50	95	-	5022	4927	-
-Y6A DET- REMOVAL	16	-	930	914	-
SUBTOTAL SUMMARY 2	49885	-	137257	91423	4051
PHASE 2 SUMMARY 3					
-L- 483+50 TO 489+00	1460	-	70338	68878	-
-LREV- 489+00 TO 493+95 (BEG. BRIDGE)	-	-	95989	95989	-
-RPBY8- 12+57.49 TO 13+91.78	62	-	612	550	-
-RPCY8- 12+88.23 TO 13+80.19	-	-	1800	1800	-
-SPBY8- 3+13.94 TO 4+42.81	819	-	-	-	819
-SPCY8- 3+54.97 TO 4+10.64	17	-	630	613	-
-Y8- RT 12+00 TO 24+50	1399	-	2036	637	-
-Y8- LT 13+00 TO 24+50	561	-	3452	2891	-
SUBTOTAL SUMMARY 3	4318	-	174857	171358	819
SUBTOTAL	125858	-	312832	263133	76159
WASTE IN LIEU OF BORROW PHASE 2				-76159	-76159
SUBTOTAL PHASE 2	125858	-	312832	186974	-

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