

SUMMARY OF QUANTITIES

2'-6" CURB & GUTTER

SUMMARY OF EARTHWORK

STATION	STATION	EXCAVATION				WASTE TOTAL
		TOTAL UNCLASS.	UNDERCUT	EMBANK. + %	BORROW	
SUMMARY NO. 1 (MEDIAN)						
-L- STA. 16+20.00	60+00.00	237		4,277	4,040	
	SUBTOTAL	237		4,277	4,040	
SUMMARY NO. 2 (MEDIAN)						
-L- STA. 60+00.00	87+55.00	29		948	919	
	SUBTOTAL	29		947	918	
SUMMARY NO. 3 (LT)						
-L- STA. 16+20.00	60+00.00	233		4,931	4,698	
	SUBTOTAL	233		4,930	4,697	
SUMMARY NO. 4 (LT)						
-L- STA. 60+00.00	87+55.00	107		1,836	1,729	
	SUBTOTAL	107		1,835	1,728	
SUMMARY NO. 5 (RT)						
-L- STA. 16+20.00	60+00.00	755		1,655	900	
	SUBTOTAL	755		1,654	899	
SUMMARY NO. 6 (RT)						
-L- STA. 60+00.00	87+55.00	210		3,450	3,240	
	SUBTOTAL	210		3,450	3,240	
SUMMARY NO. 7						
-EY10- STA. 7+00.00	39+32.38	50		163	113	
	SUBTOTAL	50		162	112	
SUMMARY NO. 8						
-EY17- STA. 10+85.52	62+65.98	1,621		475	261	1,407
	SUBTOTAL	1,621		474	260	1,407
SUMMARY NO. 9						
-EY20- STA. 8+50.00	56+50.00	1,380		862		518
	SUBTOTAL	1,380		861		518
	TOTAL	4,622		18,590	15,894	1,925
MATERIAL FOR SHOULDER CONSTRUCTION				2,211	2,211	
LOSS DUE TO CLEARING & GRUBBING		-3,000			3,000	
WASTE IN LIEU OF BORROW					-420	-420
PROJECT TOTAL		1,622		20,801	20,685	1,505
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT					1,034	
GRAND TOTAL		1,622		20,801	21,719	1,505
SAY		2,000		22,000		

NOTE: 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.
 EST. DDE = 280 CUBIC YARDS
 EST. GRADE POINT UNDERCUT = 300 CUBIC YARDS
 EST. UNDERCUT CONTINGENCY = 300 CUBIC YARDS
 TOTAL EST. UNDERCUT = 600 CUBIC YARDS
 TOTAL EST. SHALLOW UNDERCUT = 6100 CUBIC YARDS
 CLASS IV SUBGRADE STABILIZATION = 11,700 TONS

THE FOLLOWING AREAS OF EXCAVATION CONTAINS PLASTIC CLAYS WITH PLASTICITY INDEXES GREATER THAN 15 AND LESS THAN 20 AND UNCLASSIFIED EXCAVATION THAT IS MARGINALLY ACCEPTABLE BUT NOT IN THE TOP THREE FEET OF EMBANKMENT OR BACKFILL:

LINE	STATIONS	LOCATION
-EY20-	11+25 TO 12+25	LT AND RT
-EY20-	15+25 TO 24+75	LT AND RT
-EY20-	25+25 TO 31+75	LT AND RT

Note: 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.

LINE	STATION	STATION	SIDE	GROSS LENGTH	DEDUCTIONS		NET LENGTH
					DRIVES	OTHERS	
-L-	17+90.45	19+96.41	RT	220			220
-L-	20+57.65	21+11.79	RT	73			73
-L-	21+44.96	22+57.42	RT	206			206
-L-	23+10.25	25+94.19	RT	349			349
-L-	26+30.76	30+11.46	RT	420	22		398
-L-	30+48.12	34+80.06	RT	468	44		424
-L-	35+09.97	39+61.86	RT	498	22		476
-L-	39+90.88	40+78.84	RT	120			120
-L-	41+18.03	42+66.70	RT	172			172
-L-	43+00.38	44+41.15	RT	164			164
-L-	44+80.38	47+43.92	RT	294			294
-L-	47+83.77	49+12.57	RT	158			158
-L-	49+51.63	53+67.58	RT	446	22		424
-L-	53+92.12	56+81.20	RT	314	66		248
-L-	57+12.64	60+06.77	RT	330			330
-L-	60+72.86	62+99.33	RT	271			271
-L-	63+28.46	65+60.27	RT	269	44		225
-L-	65+89.23	68+09.05	RT	260	44		216
-L-	68+39.42	70+58.59	RT	262			262
-L-	70+88.72	73+20.89	RT	281			281
-L-	73+51.03	76+87.91	RT	378			378
-L-	77+30.33	79+66.21	RT	275			275
-L-	80+06.05	82+61.18	RT	294			294
-L-	82+84.56	85+30.74	RT	328			328
-L-	18+11.20	20+16.97	LT	225			225
-L-	20+59.59	22+47.33	LT	213			213
-L-	22+94.61	23+29.95	LT	142			142
-L-	24+04.57	26+62.73	LT	364	22		342
-L-	26+90.83	30+74.26	LT	423	44		379
-L-	31+11.13	33+98.65	LT	339			339
-L-	34+22.68	35+07.02	LT	121			121
-L-	35+37.89	38+40.65	LT	330			330
-L-	38+69.35	39+69.38	LT	127			127
-L-	40+00.52	42+93.68	LT	316			316
-L-	43+34.68	43+96.14	LT	83			83
-L-	44+27.39	46+07.31	LT	202			202
-L-	46+41.77	46+66.40	LT	69			69
-L-	47+06.64	47+79.51	LT	102			102
-L-	48+09.87	53+18.19	LT	524	22		502
-L-	53+37.98	60+01.55	LT	702	110		592
-L-	60+75.73	62+96.43	LT	255			255
-L-	63+26.22	65+57.75	LT	269	22		247
-L-	65+87.68	68+12.51	LT	262	44		218
-L-	68+42.39	70+68.95	LT	265			265
-L-	70+98.69	73+42.00	LT	283			283
-L-	73+69.63	76+68.67	LT	345			345
-L-	77+09.06	77+54.22	LT	68			68
-L-	77+98.22	78+66.46	LT	89			89
-L-	79+20.46	81+22.54	LT	228			228
-L-	81+46.13	81+92.32	LT	69			69
-L-	82+20.69	83+41.37	LT	142			142
-L-	83+77.04	86+04.56	LT	310			310
-L-	86+75.18	87+54.89	LT	154			154
-EY20-	35+59.49	38+62.46	RT	303			303
-EY20-	39+37.70	42+09.29	RT	272			272
-EY17-	35+45.34	41+77.39	LT	305			331
	TOTAL						14251
	SAY						14260