

EARTH EXCAVATION (CU YD)				EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR 15% SHRINKAGE) (CU YD)				EMBANKMENT (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)			
PHASE III	PHASE IV	PHASE V	PHASE VI	PHASE III	PHASE IV	PHASE V	PHASE VI	PHASE III	PHASE IV	PHASE V	PHASE VI	PHASE III	PHASE IV	PHASE V	PHASE VI
266	603	877	596	226	513	745	507	288	142	165	162	-62	+371	+580	+345

LOCATION	VOLUME (CU YD)
VOLUME FOR TOPSOIL STRIPPING	1,683
VOLUME FOR SIDEWALK SUBGRADE	356
VOLUME FOR DRIVEWAY SUBGRADE	169
VOLUME FOR RECONSTRUCTION AREAS	77
TOTAL	2,285

NOTE: FOUR INCH DEPTH WAS ASSUMED FOR SIDEWALK SUBGRADE, DRIVEWAY SUBGRADE, AND FOR TOPSOIL STRIPPING. FOR PR SIDEWALK PLACED WHERE THERE WAS NO EX SIDEWALK REMOVED, AN ADDITIONAL 5 INCHES WAS ADDED, FOR 9 INCH DEPTH TOTAL. IT IS ASSUMED THAT 5% OF RECONSTRUCTED AREA AND PERMEABLE PAVEMENT AREA WILL HAVE UNSUITABLE MATERIAL FOR A 1 FOOT DEPTH.

EARTHWORK SUMMARY OF QUANTITIES					
	PHASE III	PHASE IV	PHASE V	PHASE VI	TOTAL
EARTH EXCAVATION	266	603	877	596	2,342
EMBANKMENT	288	142	165	162	757
FURNISHED EXCAVATION	62	-	-	-	62

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSTABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)

FROM STA.	TO STA.	LT/RT	LENGTH (FT)
522+00	526+00	LT	401
522+00	523+38	RT	182
523+63	526+00	RT	273
526+20	526+20	LT	25
526+20	526+20	RT	23
526+49	526+49	LT	24
526+49	526+49	RT	23
526+68	531+17	LT	450
526+68	531+28	RT	460
531+49	531+49	LT	23
531+49	531+49	RT	17
531+83	531+83	LT	23
531+84	531+84	RT	17
532+13	536+23	LT	413
532+13	536+56	RT	443
536+56	536+73	RT	50
536+73	536+73	LT	23
537+03	537+03	LT	23
537+03	540+59	RT	403
537+60	539+35	LT	180
539+69	539+73	LT	18
539+81	539+85	LT	18
540+37	544+50	LT	398
540+68	544+59	RT	422
544+48	544+67	RT	23
544+55	544+86	RT	52
544+95	547+45	RT	256
545+80	547+20	LT	195
547+18	547+84	LT	135
TOTAL			8,547

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)

FROM STA.	TO STA.	LT/RT	LENGTH (FT)
553+34	554+44	LT	216
552+40	552+50	RT	10
SW X CLARK/JUDSON		LT	138
N. SIDE CLARK	556+80	LT	327
554+00	554+55	RT	74
554+38	555+00	RT	60
554+84	556+11	RT	149
558+10	560+20	RT	246
558+95	559+75	LT	84
560+37	567+63	RT	779
561+25	563+00	LT	175
563+83	563+83	LT	17
564+18	564+18	LT	16
564+37	602+38	LT	467
567+63	606+39	RT	402
602+38	606+39	LT	394
TOTAL			8,547

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

FROM STA.	TO STA.	LT/RT	LENGTH (FT)
526+00	526+20	LT/RT	60
526+49	526+68	LT/RT	60
531+17	531+49	LT/RT	91
531+85	532+13	LT/RT	85
536+23	536+73	LT	64
537+03	537+60	LT	71
539+35	539+73	LT	99
539+85	540+37	LT	100
544+50	545+80	LT	119
544+58	544+72	RT	36
544+86	544+95	RT	22
547+45	552+40	RT	498
547+84	553+34	LT	556
552+50	554+00	RT	150
556+11	558+10	RT	204
556+80	558+91	LT	217
559+75	561+25	LT	124
563+00	563+83	LT	94
564+18	564+37	LT	30
TOTAL			2,680

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH

STA.	LT/RT	AREA (SY)
522+15	RT	40
523+44	LT	23
524+47	LT	27
524+57	RT	36
525+12	RT	37
527+58	RT	36
528+59	LT	38
528+74	RT	81
529+60	RT	41
535+06	RT	71
538+13	RT	37
538+86	LT	67
540+00	LT	16
542+33	LT	23
544+06	LT	19
556+49	LT	46
TOTAL		638

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

STA.	LT/RT	AREA (SY)
561+34	RT	83
561+80	LT	58
566+62	LT	57
TOTAL		198

HOT-MIX ASPHALT DRIVEWAY PAVEMENT

STA.	LT/RT	AREA (SY)
530+15	RT	51
TOTAL		51

INLET & PIPE PROTECTION

STA.	LT/RT	
543+00	LT	
TOTAL		1 EA

BRICK DRIVEWAY REMOVAL AND REPLACEMENT

STA.	LT/RT	AREA (SF)
527+57	LT	347
539+87	87' LT	102
544+47	LT	175
TOTAL		624

REMOVE AND RELAY BRICK SIDEWALK

STA.	LT/RT	AREA (SF)
530+77	LT	149
546+27	LT	129
TOTAL		278

TEMPORARY INFORMATION SIGNING

STATION	# OF SIGNS	AREA (SF)
SOUTH OF RCA SIGN		
522+15 RT	2*	51.4
523+44 LT	1**	6.25
524+47 LT	1**	6.25
524+57 RT	1**	6.25
525+12 RT	1**	6.25
527+57 LT	1**	6.25
527+58 RT	1**	6.25
528+59 LT	1**	6.25
528+74 RT	1**	6.25
529+60 RT	1**	6.25
530+15 RT	1**	6.25
535+06 RT	1**	6.25
538+13 RT	1**	6.25
538+86 LT	1**	6.25
539+87 LT	1**	6.25
540+00 LT	1**	6.25
542+33 LT	1**	6.25
544+06 LT	1**	6.25

STATION	# OF SIGNS	AREA (SF)
544+47 LT	1**	6.25
556+49 LT	1**	6.25
561+34 RT	1**	6.25
561+80 LT	1**	6.25
566+62 LT	1**	6.25
NORTH OF RCA SIGN		
	2*	51.4
TOTAL		247

* ARTERIAL ROAD INFORMATION SIGN 1 SIGN = 25.7 SF
 ** DRIVEWAY ENTRANCE SIGN 1 SIGN = 6.25 SF