CALCULATION ROW	STATION		SIDE	LENGTH L	AVERAGE PAVEMENT WIDTH P	PAVEMENT SURFACE AREA AP = L x P	SIDEWALK (CADD AREA) S	HEAVY DUTY PAVEMENT (CADD AREA) HD	CURB RAMP (CADD AREA) C	CONCRETE COLLAR (CADD AREA) Z	DRIVE APRON (CADD AREA) D	PAVEMENT (CADD AREA) R
	TO	FROM		FT	FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT
	All calculations are based on centerline of construction.											
	WATER TO PARK											
1	101+06.00	104+28.00	BOTH	322.00	8.00	2576.00						
	101+06.00	104+68.00	LT	362.00								
	101+31.00	104+28.00	LT	297.00								
2	100+82.00	104+77.00	RT	395.00								
3	101+31.00	104+28.00	LT	297.00								
4	104+28.00	105+15.00	BOTH	87.00	9.00	783.00						
5	105+15.00	113+18.00	BOTH	803.00	10.00	8030.00						
	PARK TO SOUTH											
6	200+63.00	225+44.00	BOTH	2481.00	10.00	24810.00						
	SOUTH TO EX											
7	300+99.00	302+24.00	BOTH	125.00	10.00	1250.00						
	HANGING ROCK											
8	400+05.00	400+17.00	BOTH	12.00	10.96	131.52						
9	400+17.00	401+40.00	BOTH	123.00	8.00	984.00						
10	**TRAILHEAD**						1289.00				321.00	25190.00
11	**ARBYS**							3754.00	86.00	188.00		6501.00
	WATER STREET											
12		**NORTH CONNECTION**										
13		**SOUTH NODE**					64.05					
	PARK AVENUE											
14		**NORTH NODE**					194.59					
15		**SOUTH NODE**					73.95					
16	**HANGING ROCK**											
	SOUTH STREET											
17		**NORTH NODE**					79.77					
18		**SOUTH NODE**					83.51					
	SUBTOTALS											
	TOTALS											
	TOTALS CARRIED TO GENERAL SUMMARY (ROUNDED)											

CALCULATION ROW	204	252	304			407	441	441	301	451	452	608	608	608	608	609	SPECIAL
	10000	01500	20001			20000	50101	50300	46000	10011	10011	10001	52000	53021	98000	26000	
	SUBGRADE COMPACTION	FULL DEPTH PAVEMENT SAWING	4" AGGREGATE BASE, AS PER PLAN	6" AGGREGATE BASE, AS PER PLAN	8" AGGREGATE BASE, AS PER PLAN	TACK COAT (NEW ASPHALT) (AVE. RATE = 0.06 GAL/SY)	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), AS PER PLAN	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	ASPHALT CONCRETE BASE, PG64-22	6" REINFORCED COCNRETE PAVEMENT, CLASS QC1P, AS PER PLAN (CONCRETE COLLARS)	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1P, AS PER PLAN (DRIVEWAYS)	4" CONCRETE WALK, AS PER PLAN	CURB RAMP (CADD AREA)	DETECTABLE WARNINGS, AS PER PLAN	WALKWAY, MISC.: DECORATIVE CONCRETE WALK	CURB, TYPE 6	TRAIL NODE PAVEMENT (CADD AREA)
	SQ YD	FT	CU YD	CU YD	CU YD	GAL	CU YD	CU YD	CU YD	SY	SY	SQ FT	SQ FT	SQ FT	SQ FT	FT	SQ FT
	[W + (#)] x L / 9		S x 4 / 12 x 27	[6 x (AP + (# x L))] / 12 x 27	HD x 8 / 12 x 27	[0.06 x AP] / 9	(1.25 x AP) / 12 x 27	(1.75 x (AP+(# x L))) / 12 x 27	(R + HD) x 3.25 / 12 x 27	Z / 9.00	D / 9.00	S	C		L x 1.5	L	
	(1)			(1)													
WATER TO PARK	# = (6 / 12)			# = (6 / 12)				# = (6 / 12)									
1	322.00			50.69		17.17	9.94	14.78									
101+06.00 – 101+31.00															445.50		
2																395.00	
3																297.00	
	# = (12 / 12)			# = (12 / 12)													
4	96.67			16.11		5.22	3.02	4.46									
5	981.44			163.57		53.53	30.98	45.54									
PARK TO SOUTH																	
6	3032.33			505.39		165.40	95.72	140.70									
SOUTH TO EX																	
7	152.78			25.46		8.33	4.82	7.09									
HANGING ROCK																	
8	15.95			2.66		0.88	0.51	0.74									
9	123.00			20.50		6.56	3.80	5.65									
	S + R + HD + D + C + Z / 9			(R + D) x 6 / 12 x 27		(R + HD) x 0.06 / 9.00	(R + HD) x 1.75 / 12 x 27										
10	2977.78		15.91	472.43		167.93	136.06		252.68		35.67	1289.00				70.00	1594.00
11	1169.89	790.00	(S + C + Z) x 4 / 12 x 27 = 3.38	120.39	92.69	68.37	55.39		102.87	20.89			86.00			397.00	
12														16.00			65.40
13	7.12		0.79									64.05		16.00			688.21
14	21.62		2.40									194.59		16.00			613.65
15	8.22		0.91									73.95		16.00			599.47
16																	201.24
17	8.86		0.98									79.77		16.00			734.28
18	9.28		1.03									83.51		16.00			884.93
	Notes:			(1) As per Typical Sections inlcude 6" beyond the edge of surface pavement.													
				(2) Calculations include Curb Ramp Area													
SUBTOTALS	8926.93	790.00	25.42	1377.19	92.69	493.39	340.24	218.96	355.54	20.89	35.67	1784.87	86.00	96.00	445.50	1159.00	5381.18
TOTALS	**8927**	**790**	**1495**			**493**	**340**	**219**	**356**	**21**	**36**	**1785**	**86**	**96**	**446**	**1159**	**5381**
TOTALS CARRIED TO GENERAL SUMMARY (ROUNDED)	**9004**	**790**	**1509**			**510**	**345**	**219**	**363**	**21**	**36**	**1790**	**86**	**96**	**445**	**1170**	**5381**