

OFFICE CALCULATIONS

OFFICE CALCULATIONS														AREA OF CIRCULAR SEGMENT ((LENGTH OF ARC X RADIUS)-CHORD X (RADIUS-RISE))/2				
FULL DEPTH PAVEMENT AREA														FLOODED AREA				
IR 271 SOUTHBOUND																		
1	STA	1448+45.14	TO STA	1448+69.90	LT/RT =	24.76	FT X (	50	FT +	50	FT) /	2	=	1238.00 SF	1237.02	0.98		
2	STA	1448+69.90	TO STA	1448+95.62	LT/RT =	26.04	FT AVE X (	50	FT +	0	FT) /	2	=	651.00 SF	650.75	0.25		
3	STA	1451+10.37	TO STA	1451+36.44	LT/RT =	24.91	FT AVE X (	0	FT +	50.27	FT AVE) /	2	=	626.11 SF	626.66	-0.55		
4	STA	1451+36.44	TO STA	1451+60.79	LT/RT =	25.28	FT AVE X (	50.27	FT AVE +	49.73	FT AVE) /	2	=	1264.00 SF	1262.63	1.37		
DEDUCT TYPE C INSTALLATION																		
5	STA	1448+79.11	TO STA	1448+81.35	LT/RT =	-2.00	FT X (	56.26	FT +	56.23	FT) /	2	=	-112.49 SF	-112.49	0.00	1776.51 1775.28 -1.23	
6	STA	1251+21.58	TO STA	1451+23.81	LT/RT =	-2.00	FT X (	56.1	FT +	56.15	FT) /	2	=	-112.25 SF	-112.25	0.00	1777.86 1777.04 -0.82	
IR 271 NORTHBOUND																		
7	STA	2447+70.00	TO STA	2448+23.43	LT =	53.43	FT X (	0	FT +	4.5	FT) /	2	=	120.22 SF	119.74	-0.48		
8	STA	2448+23.43	TO STA	2448+41.96	LT =	18.53	FT X (	4.5	FT +	6.44	FT) /	2	=	101.36 SF	101.37	0.01		
9	STA	2448+41.96	TO STA	2448+73.60	LT =	31.38	FT AVE X (	6.44	FT +	10.54	FT) /	2	=	266.42 SF	266.55	0.13		
10	STA	2448+73.60	TO STA	2448+95.00	LT =	21.40	FT X (	10.54	FT +	13.12	FT) /	2	=	253.16 SF	253.42	0.26	741.16 741.09 -0.07	
11	STA	2448+95.00	TO STA	2449+25.41	LT/RT =	30.41	FT X (	52.4	FT +	52	FT) /	2	=	1587.40 SF	1586.24	-1.16		
12	STA	2449+25.41	TO STA	2449+31.91	LT/RT =	6.26	FT X (	52	FT +	0	FT) /	2	=	162.76 SF	162.79	0.03		
13	STA	2451+37.61	TO STA	2451+44.70	LT/RT =	7.43	FT AVE X (	0	FT +	52.04	FT) /	2	=	193.33 SF	193.14	-0.19		
14	STA	2451+44.70	TO STA	2451+69.38	LT/RT =	24.71	FT AVE X (	52.04	FT +	52.31	FT) /	2	=	1289.24 SF	1287.65	-1.59		
15	STA	2451+69.38	TO STA	2455+20.00	LT =	350.03	FT AVE X (	14.43	FT +	0	FT) /	2	=	2525.47 SF	2525.14	-0.33		
ADD ARC SEGMENT																		
16	STA	2451+69.38	TO STA	2455+20.00	LT = ((	350.04	FT X	10710.63	FT) -	350.026	FT X (	10710.63	FT -	1.43	FT)) /	2	=	330.60 SF 333.69 3.09 2856.07 2858.82 2.75
DEDUCT TYPE C INSTALLATION																		
17	STA	2449+27.00	TO STA	2449+29.02	LT/RT =	-2.00	FT X (	52.46	FT +	52.45	FT) /	2	=	-104.91 SF	-104.9	0.01	1645.26 1644.13 -1.13	
18	STA	2451+41.56	TO STA	2451+43.58	LT/RT =	-2.00	FT X (	52.48	FT +	52.51	FT) /	2	=	-104.99 SF	-104.99	0	1377.58 1375.8 -1.78	
19	SUM LINES	1	TO	18									=	10174.43 SF			10174.44 10172.16 -2.28	
TURNAROUND PAVEMENT AREA																		
20	STA	458+02.60	TO STA	462+06.48	LT/RT =	403.88	FT X	10.28	FT AVE /	2			=	2075.94 SF	2075.96	0.02		
21	STA	462+06.48	TO STA	462+75.64	LT/RT =	69.16	FT X	7.28	FT				=	503.48 SF	503.65	0.17		
22	STA	462+75.64	TO STA	462+98.44	LT/RT =	22.80	FT X	6.47	FT /	2			=	73.76 SF	74.26	0.50		
23	STA	461+90.38	TO STA	463+03.53	LT/RT =	82.75	FT X	66.27	FT				=	5483.84 SF	5482.8	-1.04		
DEDUCT TRIANGULAR SEGMENT (REAR LEFT QUADRANT)																		
24		461+90.38		462+12.68	LT/RT = -	31.95	FT X	64.54	FT /	2			=	-1031.03 SF	-1030.93	0.10		
DEDUCT ARC SEGMENT (REAR LEFT QUADRANT)																		
25	STA	462+12.68	TO STA	462+31.42	LT = - ((	56.77	FT X	25.01	FT) -	45.35	FT X (	25.01	FT -	14.45	FT)) /	2	=	-470.46 SF -470.42 0.04
DEDUCT ARC SEGMENT (REAR RIGHT QUADRANT)																		
26	STA	461+90.38	TO STA	462+31.42	RT = - ((	46.88	FT X	55	FT) -	45.47	FT X (	55	FT -	4.92	FT)) /	2	=	-150.63 SF -150.52 0.11
DEDUCT ARC SEGMENT																		
27	STA	462+59.67	TO STA	463+03.53	LT = - ((	51.67	FT X	55.02	FT) -	49.79	FT X (	55.02	FT -	5.96	FT)) /	2	=	-200.09 SF -199.90 0.19
DEDUCT ARC SEGMENT																		
28	STA	462+59.67	TO STA	462+77.76	RT = - ((	51.76	FT X	25	FT) -	43	FT X (	25	FT -	12.24	FT)) /	2	=	-372.66 SF -372.65 0.01
DEDUCT TRIANGULAR SEGMENT																		
29		462+59.67		463+03.53	LT/RT = -	67.93	FT X	31.45	FT /	2			=	-1068.20 SF	-1068.06	0.14		
DEDUCT TRIANGULAR SEGMENT																		
30	STA	462+20.71	TO STA	463+03.53	LT = -	82.38	FT X	0.35	FT /	2			=	-14.42 SF	-14.36	0.06		
DEDUCT TRIANGULAR SEGMENT (REAR RIGHT QUADRANT)																		
31		461+90.38		462+77.76	RT = -	87.84	FT X	1	FT /	2			=	-43.92 SF	-42.72	1.20		
32	SUM LINES	20	TO	31									=	4785.61 SF			4785.61 4789.84 4.23	
APPROACH SLAB AREA																		
IR 271 SOUTHBOUND																		
33	STA	1448+81.35	TO STA	1449+06.35	=	25.00	FT X (	50	FT +	50	FT) /	2	=	1250.00 SF	1250.68	0.68		
34	STA	1450+96.58	TO STA	1451+21.58	=	25.00	FT X (	50	FT +	50	FT) /	2	=	1250.00 SF	1249.97	-0.03	20060.04	
IR 271 NORTHBOUND																		
35	STA	2449+29.02	TO STA	2449+54.02	=	25.00	FT X (	52	FT +	52	FT) /	2	=	1300.00 SF	1299.68	-0.32		
36	STA	2451+16.56	TO STA	2451+41.56	=	25.00	FT X (	52	FT +	52	FT) /	2	=	1300.00 SF	1300	0.00		
37	SUM LINES	33	TO	36									=	5100.00 SF				

ROADWAY

ITEM 202 - PAVEMENT REMOVED

IR 271 SOUTHBOUND																	
38	STA	1448+45.14	TO STA	1448+70.17	=	25.00	FT AVE	X (	50.57	FT +	50.05	FT) /	2	=	1257.75 SF	1257.93	0.18
39	STA	1448+70.17	TO STA	1448+95.62	=	25.43	FT AVE	X (	50.05	FT +	0	FT) /	2	=	636.39 SF	636.11	-0.28
40	STA	1451+10.37	TO STA	1451+35.89	=	25.55	FT AVE	X (	0	FT +	50.16	FT) /	2	=	640.79 SF	640.88	0.09
41	STA	1451+35.89	TO STA	1451+60.79	=	24.94	FT AVE	X (	50.16	FT +	49.47	FT) /	2	=	1242.39 SF	1242.33	-0.06
IR 271 NORTHBOUND																	
42	STA	2448+95.00	TO STA	2449+27.02	=	32.01	FT AVE	X (	40.33	FT +	38.5	FT) /	2	=	1261.67 SF	1261.82	0.15
43	STA	2449+27.02	TO STA	2449+29.02	=	4.66	FT AVE	X (	38.79	FT +	0	FT) /	2	=	90.38 SF	90.43	0.05
44	STA	2451+41.56	TO STA	2451+44.67	=	5.31	FT AVE	X (	0	FT +	37.2	FT) /	2	=	98.77 SF	98.73	-0.04
45	STA	2451+44.67	TO STA	2451+69.38	=	24.79	FT AVE	X (	37.2	FT +	37.6	FT) /	2	=	927.15 SF	927.15	0.00
46	SUM LINES		38	TO	45	=			6155.29	SF /	9			=	683.92 SY		
														TOTAL CARRIED TO GENERAL SUMMARY =	684 SY	684	

ITEM 204 - SUBGRADE COMPACTION

47	LINE	19													=	10174.43 SF		
48	LINE	32													=	4785.61 SF		
49	LINE	37													=	5100.00 SF		
ADDITIONAL TYPE C INSTALLATION																		
50	SUM LINES	5, 6, 17 AND 18			=	-1	X	-434.64	SF						=	434.64 SF		
ADDITIONAL FOR EDGE COURSE																		
IR 271 SOUTHBOUND																		
51	STA	1448+45.14	TO STA	1448+69.90	LT =		24.76	FT X (	18	" /	12	)			=	37.14 SF	37.42	0.28
52	STA	1448+45.14	TO STA	1448+95.62	RT =		50.48	FT X (	18	" /	12	)			=	75.72 SF	75.73	0.01
53	STA	1451+10.37	TO STA	1451+60.79	LT =		50.42	FT X (	18	" /	12	)			=	75.63 SF	75.75	0.12
54	STA	1451+35.53	TO STA	1451+60.79	RT =		25.26	FT X (	18	" /	12	)			=	37.89 SF	37.52	-0.37
IR 271 NORTHBOUND																		
55	STA	2447+70.00	TO STA	2449+25.41	LT =		155.41	FT X (	18	" /	12	)			=	233.12 SF	233.05	-0.07
56	STA	2448+95.00	TO STA	2449+31.91	RT =		36.91	FT X (	18	" /	12	)			=	55.37 SF	54.98	-0.39
57	STA	2451+37.61	TO STA	2455+20.00	LT =		382.39	FT X (	18	" /	12	)			=	573.59 SF	573	-0.59
58	STA	2451+44.70	TO STA	2451+69.38	RT =		24.68	FT X (	18	" /	12	)			=	37.02 SF	37.46	0.44
IR 271 TURNAROUND																		
59	STA	462+12.68	TO STA	462+31.42	LT/RT =		55.20	FT X (	18	" /	12	)			=	82.80 SF	82.6	-0.20
60	STA	461+90.38	TO STA	462+31.42	RT =		46.24	FT X (	18	" /	12	)			=	69.36 SF	69.36	0.00
61	STA	462+59.67	TO STA	463+03.53	LT =		50.97	FT X (	18	" /	12	)			=	76.46 SF	76.45	-0.01
62	STA	462+59.67	TO STA	462+77.76	LT/RT =		50.21	FT X (	18	" /	12	)			=	75.32 SF	75.31	-0.01
IR 271 APPROACH SLAB																		
63	SUM LINES	33	TO	36	=		100.00	FT X (	18	" /	12	) X	2	SIDES	=	300.00 SF		
64	SUM LINES	47	TO	63	=		22224.10	SF /	9						=	2469.34 SY		
TOTAL CARRIED TO GENERAL SUMMARY =															2470 SY	2470		

EROSION CONTROL

ITEM 601 - CRUSHED AGGREGATE SLOPE PROTECTION

IR 271 NORTHBOUND REAR BRIDGE SLOPE														CASP, APP NOTE								
###	STA	2449+51.47	TO STA	2450+03.40	LT =	51.50	FT AVE	X	16.75	FT AVE /	9	X	1.12	=	107.35 SY	864.94	2.32	RT REAR	2434.28			
IR 271 NORTHBOUND FORWARD BRIDGE SLOPE																			RT FWD	2627.89	629.9589	630
###	STA	2450+59.71	TO STA	2451+09.98	LT =	49.75	FT AVE	X	13	FT AVE /	9	X	1.12	=	80.48 SY	644.1	-2.65	LT REAR	3575.09			
###	SUM LINES		#REF!	AND	#REF!									=	187.83 SY			LT FWD	4355.22	986.883	990	
														TOTAL CARRIED TO GENERAL SUMMARY =	188 SY	188						

PAVEMENT

ITEM 302 - ASPHALT CONCRETE BASE, PG64-22, (449)

###	LINE	19	=	10174.43	SF X (	10	" /	12	) /	27	=	314.03	CY			
###	LINE	32	=	4785.61	SF X (	5 1/2	" /	12	) /	27	=	81.24	CY			
ADDITIONAL FOR EDGE COURSE																
IR 271 SOUTHBOUND																
###	STA	1448+45.14	TO STA	1448+69.90	LT =	24.76	FT X (	4	" /	12	)	=	8.25	SF	8.23	-0.02
###	STA	1448+45.14	TO STA	1448+95.62	RT =	50.48	FT X (	4	" /	12	)	=	16.83	SF	16.66	-0.17
###	STA	1451+10.37	TO STA	1451+60.79	LT =	50.42	FT X (	4	" /	12	)	=	16.81	SF	16.66	-0.15
###	STA	1451+35.53	TO STA	1451+60.79	RT =	25.26	FT X (	4	" /	12	)	=	8.42	SF	8.25	-0.17
###	STA	1448+45.14	TO STA	1448+69.90	LT =	24.76	FT X (	10	" /	12	)	=	20.63	SF	20.71	0.08
###	STA	1448+45.14	TO STA	1448+95.62	RT =	50.48	FT X (	10	" /	12	)	=	42.07	SF	41.9	-0.17
###	STA	1451+10.37	TO STA	1451+60.79	LT =	50.42	FT X (	10	" /	12	)	=	42.02	SF	41.91	-0.11
###	STA	1451+35.53	TO STA	1451+60.79	RT =	25.26	FT X (	10	" /	12	)	=	21.05	SF	20.76	-0.29
IR 271 NORTHBOUND																
###	STA	2447+70.00	TO STA	2449+25.41	LT =	155.41	FT X (	4	" /	12	)	=	51.80	SF	51.77	-0.03
###	STA	2448+95.00	TO STA	2449+31.91	RT =	36.91	FT X (	4	" /	12	)	=	12.30	SF	12.21	-0.09
###	STA	2451+37.61	TO STA	2455+20.00	LT =	382.39	FT X (	4	" /	12	)	=	127.46	SF	127.31	-0.15
###	STA	2451+44.70	TO STA	2451+69.38	RT =	24.68	FT X (	4	" /	12	)	=	8.23	SF	8.31	0.08
###	STA	2447+70.00	TO STA	2449+25.41	LT =	155.41	FT X (	10	" /	12	)	=	129.51	SF	129.44	-0.07
###	STA	2448+95.00	TO STA	2449+31.91	RT =	36.91	FT X (	10	" /	12	)	=	30.76	SF	30.55	-0.21
###	STA	2451+37.61	TO STA	2455+20.00	LT =	382.39	FT X (	10	" /	12	)	=	318.66	SF	318.31	-0.35
###	STA	2451+44.70	TO STA	2451+69.38	RT =	24.68	FT X (	10	" /	12	)	=	20.57	SF	20.81	0.24
###	SUM LINES	#REF!	TO	#REF!	=	875.37	SF X (	5	" /	12	) /	27	=	13.51	CY	
IR 271 TURNAROUND																
###	STA	462+12.68	TO STA	462+31.42	=	55.20	FT X (	4	" /	12	)	=	18.40	SF	18.61	0.21
###	STA	461+90.38	TO STA	462+31.42	=	46.24	FT X (	4	" /	12	)	=	15.41	SF	15.42	0.01
###	STA	462+59.67	TO STA	463+03.53	=	50.97	FT X (	4	" /	12	)	=	16.99	SF	17	0.01
###	STA	462+59.67	TO STA	462+77.76	=	50.21	FT X (	4	" /	12	)	=	16.74	SF	16.97	0.23
###	SUM LINES	#REF!	TO	#REF!	=	67.54	SF X (	5 1/2	" /	12	) /	27	=	1.15	CY	
###	SUM LINES	#REF!	#REF!	#REF!	AND	#REF!						=	409.93	CY		
TOTAL CARRIED TO GENERAL SUMMARY =													410	CY	410	

ITEM 304 - AGGREGATE BASE

[illegible]

ITEM 407 - NON-TRACKING TACK COAT

###	LINE	19	=	(	10174.43	SF /	9	) X	0.060	GAL / SY	X	3	LAYERS	=	203.49	GAL	
###	LINE	32	=	(	4785.61	SF /	9	) X	0.060	GAL / SY	X	2	LAYERS	=	63.81	GAL	
ADDITIONAL FOR EDGE COURSE																	
###	SUM LINES	#REF!	=	(	250.10	SF /	9	) X	0.060	GAL / SY	X	1	LAYER	=	1.67	GAL	
###	SUM LINES	#REF!	TO	#REF!										=	268.97	GAL	
TOTAL CARRIED TO GENERAL SUMMARY =															269		

ITEM 408 - PRIME COAT, AS PER PLAN

IR 271 SOUTHBOUND																	
###	STA	1448+45.14	TO STA	1449+20.62	RT	=	75.48	FT	X	2	FT			=	150.96	SF	151 0.04
IR 271 NORTHBOUND																	
###	STA	2447+70.00	TO STA	2448+48.01	LT	=	78.01	FT	X	2	FT			=	156.02	SF	156.16 0.14
###	STA	2451+12.58	TO STA	2455+20.00	LT	=	407.42	FT	X	2	FT			=	814.84	SF	814.05 -0.79
###	SUM LINES	#REF!	TO	#REF!		=	1121.82	SF /	9	X	0.4	GAL/SY		=	49.86	GAL	
TOTAL CARRIED TO GENERAL SUMMARY =															50		

ITEM 411 - STABILIZED CRUSHED AGGREGATE

CR 32 (BOSTON MILLS ROAD)																	
###	STA	20+65.04	TO STA	23+20.07	RT	=	261.66	FT	X	4	FT	X	8	" /	12	/	27
TOTAL CARRIED TO GENERAL SUMMARY =															26		

ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22

###	LINE	32	=	4785.61	SF	X (	1 1/4	" /	12	) /	27	=	18.46	CY			
TOTAL CARRIED TO GENERAL SUMMARY =															19		

ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)

###	LINE	32	=	4785.61	SF	X (	1 3/4	" /	12	) /	27	=	25.85	CY			
TOTAL CARRIED TO GENERAL SUMMARY =															26		

ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447)

###	LINE	19	=	10174.43	SF	X (	1 1/2	" /	12	) /	27	=	47.10	CY			
TOTAL CARRIED TO GENERAL SUMMARY =															48		

ITEM 442 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE B (448)

###	LINE	19	=	10174.43	SF	X (	1 3/4	" /	12	) /	27	=	54.95	CY			
TOTAL CARRIED TO GENERAL SUMMARY =															55		

ITEM 617 - COMPACTED AGGREGATE

###	SUM LINES	#REF!	TO	#REF!	=	1121.82	SF	X (	3	" /	12	) /	27	=	10.39	CY	
TOTAL CARRIED TO GENERAL SUMMARY =															11		4676

EROSION CONTROL FOR PERMANENT SEEDED AREAS

ITEM 659 - SOIL ANALYSIS TEST

1	LINE	3	=	1916.28	CY X	1	TEST /	10000	CY TOPSOIL		=	0.20	EACH	
2	MINIMUM REQUIRED											=	2	EACH
												TOTAL CARRIED TO GENERAL NOTES =	2	EACH

ITEM 659 - TOPSOIL

3	LINE	20	=	17263.74	SY	X	111	CY /	1000	SY		=	1916.28	CY			
TOTAL CARRIED TO GENERAL NOTES =														1917	CY		

ITEM 659 - SEEDING AND MULCHING

IR 271 SOUTHBOUND OUTSIDE TEMPORARY SHOULDER (CONSTRUCTED IN PHASE 1)													
4	STA	5452+95.00	TO STA	5464+10.00	LT =	1115.00	FT X (	10	FT +	10	FT) /	2	= 11150 SF
NORTHBOUND OUTSIDE TEMPORARY SHOULDER (CONSTRUCTED IN PHASE 1)													
5	STA	7439+70.00	TO STA	7442+00.00	RT =	230.00	FT X (	10	FT +	20	FT) /	2	= 3450 SF
6	STA	7442+00.00	TO STA	7443+00.00	RT =	100.00	FT X (	20	FT +	20	FT) /	2	= 2000 SF
7	STA	7443+00.00	TO STA	7447+10.00	RT =	410.00	FT X (	20	FT +	10	FT) /	2	= 6150 SF
IR 271 SOUTHBOUND OUTSIDE SHOULDER													
8	STA	1448+45.14	TO STA	1448+95.00	LT =	49.86	FT X (	10	FT +	10	FT) /	2	= 498.6 SF
9	STA	1450+85.00	TO STA	1451+60.79	LT =	75.79	FT X (	10	FT +	10	FT) /	2	= 757.9 SF
IR 271 MEDIAN													
10	STA	441+00.00	TO STA	446+90.00	=	590.00	FT X (	18	FT +	48	FT) /	2	= 19470.00 SF
11	STA	446+90.00	TO STA	449+36.35	=	246.35	FT X (	48	FT +	52	FT) /	2	= 12317.50 SF
12	STA	451+12.00	TO STA	454+59.43	=	347.43	FT X (	58	FT +	62	FT) /	2	= 20845.80 SF
13	STA	454+59.43	TO STA	455+17.28	=	57.85	FT X (	62	FT +	62	FT) /	2	= 3586.70 SF
14	STA	455+17.28	TO STA	457+77.83	=	260.55	FT X (	62	FT +	65	FT) /	2	= 16544.93 SF
15	STA	457+77.83	TO STA	462+00.00	=	422.17	FT X (	65	FT +	68	FT) /	2	= 28074.30 SF
16	STA	462+00.00	TO STA	466+00.00	=	400	FT X (	68	FT +	68	FT) /	2	= 27200.00 SF
IR 271 NORTHBOUND OUTSIDE SHOULDER													
17	STA	2448+95.00	TO STA	2449+55.00	RT =	60.00	FT X (	10	FT +	10	FT) /	2	= 600 SF
18	STA	2451+19.00	TO STA	2451+69.38	RT =	50.38	FT X (	10	FT +	10	FT) /	2	= 503.8 SF
CR 32 (BOSTON MILLS ROAD)													
19	STA	20+65.04	TO STA	23+20.07	LT =	261.66	FT X (	8.5	FT +	8.5	FT) /	2	= 2224.11 SF
20	SUM LINES		4	TO	19	=	155373.64	SF /	9				= 17263.74 SY
TOTAL CARRIED TO GENERAL NOTES =													17264 SY
ITEM 659 - REPAIR SEEDING AND MULCHING													
21	LINE	20	=	17263.74	SY X	5%							= 863.19 SY
TOTAL CARRIED TO GENERAL NOTES =													864 SY
ITEM 659 - INTER-SEEDING													
22	LINE	20	=	17263.74	SY X	5%							= 863.19 SY
TOTAL CARRIED TO GENERAL NOTES =													864 SY
ITEM 659 - COMMERCIAL FERTILIZER													
23	LINE	20	=	17263.74	SY X	1	TON /	7410	SY				= 2.33 TON
TOTAL CARRIED TO GENERAL NOTES =													2.33 TON
ITEM 659 - LIME													
24	LINE	20	=	17263.74	SY /	4840	SY PER ACRE						= 3.57 ACRE
TOTAL CARRIED TO GENERAL NOTES =													3.57 ACRE
ITEM 659 - WATER													
25	LINE	20	=	17263.74	SY X	0.0027	MGAL / SY X	2	APPLICATIONS				= 93.22 MGAL
26	LINE	22	=	863.19	SY X	0.0027	MGAL / SY X	1	APPLICATION				= 2.33 MGAL
27	SUM LINES		25	AND	26								= 95.55 MGAL
TOTAL CARRIED TO GENERAL NOTES =													96 MGAL

BALLPARK
FLOODED
AREA
32158 31787.50 1.011656
91011 96251.73 0.945552
123169 128039.23 0.961963 IT'S WITHIN 5% - CALL IT GOOD