

## SERVICE PIPES LAID.—(Continued.)

Number.	Name of Owner or Agent.	Location of Premises.	No. of Stopcock.	Size of Pipe.	Purpose for which water is used.
44	John P. Buckley	W. side Edward St.	6772	1 1/2"	Dwelling.
45	D. Crawley	E. " Campbell Road.	6773	"	"
46	Rupert Garrick	N. " Charles St.	6774	"	"
47	M. Campbell	W. " Clifton St.	6775	"	"
48	G. S. Campbell	E. " Young Avenue.	6776	"	"
49	F. J. Hayward	N. " Macara St.	6777	"	"
50	F. W. Wood	S. " Roome St.	6778	"	"
51	J. M. Currie	S. " "	6779	"	"
52	J. C. Smith	S. " "	6780	"	"
53	J. C. Smith	S. " "	6781	"	"
54	School Commissioners	N. " "	6782	"	School.
55	William Hamm	S. " Acadia St.	6783	"	Dwelling.
56	Cyrus Burbidge	N. " W. Young St.	6784	"	"
57	E. McDonald	N. " Williams St.	6785	"	"
58	Mont & O'Brien	E. " Maynard St.	6786	"	Carriage Factory.
59	A. Poole	E. " Granville St.	6787	"	Dwelling.
60	Moir, Son & Co.	E. " Grafton St.	6788	"	Bakery.
61	J. Penny & Son	W. " Brunswick St.	6789	"	Dwelling.
62	Wm. Hartland	S. " Rector St.	6790	"	"
63	Patrick Moore	S. " Roome St.	6791	"	"
64	Sarah Appleton	E. " Campbell Road.	6792	"	"
65	Jas. Coolen	N. " Gray's Lane.	6793	"	Shop & Dwelling.
66	John Hamm	E. " Acadia St.	6794	"	Dwelling.
67	Eliza Rhind	E. " "	6795	"	"
68	R. B. Moxon	E. " "	6796	"	"
69	A. J. Gray	E. " Preston St.	6797	"	"
70	Wm. Parsons	E. " Maitland St.	6798	"	Stable.
71	John Holden	W. " Bland St.	6799	"	Dwelling.
72	Miss Nordbeck estate	N. " South St.	6800	"	"
73	Alex. McInnis	E. " Windsor St.	6801	"	"
74	George Wright	E. " Young Avenue.	6802	"	"
75	R. S. Archibald	W. " Robie St.	6803	"	"
76	W. L. Synous	E. " Lucknow St.	6-04	"	"

## Detailed Precipitation for the Year 1902.

CHAIN LAKE.												
Day.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
1	.20		.41	.09	.09		.02			.11		.16
2			.25	.15	.26							
3	.01	.90	.45			.06		.03				
4				.02		.34	.17	.27				.41
5		.59			.10	.02		.62	1.30			.51
6		.33	1.06	.86	.07			.02		1.09		.80
7		.34			.10			1.26			.78	
8	.70				.23	.05	.03		.39			.86
9	.80	.13		.10	.16		.35	.05		.31		
10			.94	.95			.42		1.12		.08	
11				.46		.31			.80			.25
12	.61			.18				.04		.53	.48	
13		.35		.09		.16		.81		.13	.26	
14		.10		.03		.06		.20	.90	.27	.25	.20
15				.02					.08			
16	.16					.04	.08	.17			.02	
17						.09		.42				2.40
18		.75	.73			.41	.23					.06
19	.14	.11	.52			.03				.29		
20			1.09		.40	.05				.02	.07	.25
21			.45	.11								
22	.07		.10									.59
23	.56					3.08	.15	.52	.04	.12	.09	.05
24					.56			.35				
25					.07	.07				.06	.04	
26		.78		.13	.27	.23					.26	.95
27	.25	.69		.52	.51	.18	.21			.04	.53	.12
28	.07				.51	.06			.19	.54	1.23	.40
29			.21		.02		.06		.03	1.75		
30			2.09						.08	.01	.07	.80
31			.07		.11							
<b>Total.</b>	<b>3.57</b>	<b>5.07</b>	<b>8.37</b>	<b>3.71</b>	<b>3.46</b>	<b>5.24</b>	<b>1.72</b>	<b>4.76</b>	<b>4.93</b>	<b>5.27</b>	<b>4.16</b>	<b>8.81</b>
Total for the year.....									59.07 inches.			

## DETAILED PRECIPITATION FOR THE YEAR 1902.—(Continued.)

SPRUCE HILL LAKE.												
Day.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
1			.37	.07	.30		.03	.01	.02			
2		1.03	.63	.07								
3	.24					.11	.24	.37		.02		.46
4		.18				.22		.11	1.31			.13
5		.58	1.10	.72				.21				1.30
6		.19	.05					1.64		.04	.37	
7		.29							.46	.80	.76	.75
8	.95	.13			.24	.09	.35	.04				.14
9	.79		.64	.92	.05					.26	.10	
10			.69	.85	.17	.36	.37		2.00			.46
11	.45	.09		.07				.02				
12	.04			.22		.11		.62		.79	.95	
13		.21		.24				.28	1.24	.10	.10	.42
14						.13			.10	.28	.16	
15	.06										.02	
16	.04				.46	.16	.09	.39				1.27
17		.62	.62			.47	.32					1.92
18			.07									.06
19	.05	.04	1.55		.41	.03				.34	.11	.32
20			.39							.06		
21	.02		.52	.10		.03						.11
22	.41					2.84	.03				.10	.37
23	.10					.46	.06	1.30	.04	.06		
24		.04			.46						.06	
25					.26	.04		.03		.07		.16
26		1.56		.66	.14	.34	.04				.85	.70
27	.34			.02	.87	.06	.12	.02		.07	1.24	.45
28					.28	.03			.20	1.45	.02	.06
29			2.11							.57		.11
30			.24		.13				.26		.16	.83
31			.10				.02					
Total.	3.49	4.96	9.08	3.94	3.31	5.48	1.67	5.04	5.63	4.81	5.00	9.32

Total for the year. . . . . 61.73 inches.

## Detailed Precipitation for the Year 1902.

## CITY OF HALIFAX.

Day.	Jan.		Feb.		March.		April.		May.		June.	
	Duration in hours.	Inches.	Duration in hours.	Inches.	Duration in hours.	Inches.	Duration in hours.	Inches.	Duration in hours.	Inches.	Duration in hours.	Inches.
1	7	120			5.7	.378	4.6	.082	3.5	120		
2			2.7	.020	4.0	.411	5.0	.078	4.0	120		
3	6	.219	8.5	.295	3.5	.180	1.2	.052			2.5	.058
4	1.7	T.									7.0	.310
5	.5	T.	11.0	.440			3.5	.180	3.0	.140		
6		T.	2.5	.050	11.8	1.385	9.8	.400	1.0	.030		
7		T.	5.0	.230					3.0	.260		
8	14.0	1.000	3.0	.049					2.0	.060	4.5	.048
9	12.0	.737	4.7	.129			2.0	.103	3.6	.268	1.0	.020
10			4	T.	11.1	.879	10.0	.998				
11		.004					1.5	.160			3.9	.310
12	7.0	.398			6	.017	4.0	.170			1.0	.100
13			7.5	.120			3.3	.100	5	.010	5.0	.070
14											2.0	.048
15												
16	5.5	.060									2.0	.053
17			4.0	.100							7.0	.460
18			4.5	.260	6.3	.580					7	.020
19	3.3	.048	2.2	.020	9.0	.540			1.0	.004		
20	.2	T.			11.0	.926			7.0	.390	1.	.038
21					6.5	.392	3.0	.096			.2	T.
22	2.7	.039			1.5	.026					4.9	.105
23	8	.295					0.7	.006			15	2.896
24	2	.012			1.5	T.	0.5	.004	5.0	.600		
25			1.5	.010							1.0	.050
26			8.5	.840			6.0	.203	4.0	.315	4.8	.274
27	6.0	.357	7.0	.190			8.0	.428	8.0	.768	1.0	.010
28							4	.007	6.0	.490		.038
29					7.5	.308			1.5	.010		
30					11.0	1.625			3.0	.140		
31					3.0	.110						
<b>Total</b>		3.289		2.735		7.757		3.067		3.725		4.908

## DETAILED PRECIPITATION FOR THE YEAR 1902.—(Continued.)

Day.	CITY OF HALIFAX.											
	July.		August.		September.		October.		Nov.		Dec.	
	Duration in hours.	Inches.	Duration in hours.	Inches.	Duration in hours.	Inches.	Duration in hours.	Inches.	Duration in hours.	Inches.	Duration in hours.	Inches.
1	3.0	.040	.6	.012	.....	.....	4	.028	.6	.031	2.5	.078
2	.3	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.8	.010	1.4	.004	.....	.....	.....	.....	.....	.....	.....	.....
4	6	.152	5.3	.326	3.3	.454	.....	.....	.....	.....	7	.288
5	.....	.....	4.5	.413	6.0	.54	.....	.....	.....	.....	10	.860
6	.....	.....	1.5	.004	.....	.....	6.5	.782	.....	.....	6.2	.260
7	.....	.....	11	1.857	.....	.....	.....	.....	6.8	.764	1.5	.030
8	.5	.032	2	.200	4.6	.378	2	T.	.....	.....	11.5	.270
9	1.5	.342	.9	.008	.....	.....	4	.275	.....	.....	.....	.....
10	4.8	.408	.....	.....	8.7	1.005	.....	.....	4.0	.072	5.2	.270
11	.....	.....	.....	.....	4.2	.440	.....	.....	.....	.....	5.5	.142
12	.....	.....	10	.665	.....	.....	15.3	.508	9.3	.673	.....	.....
13	.....	.....	1.5	.073	1.5	.034	1.7	.073	.....	.....	.....	.....
14	.....	.....	.....	.....	9.06	1.053	4.0	.247	6.0	.232	5.1	.240
15	.....	.....	.....	.....	1.0	.013	.....	.....	2.0	.010	.....	.....
16	3.0	.091	3.9	.227	.....	.....	.....	.....	.....	.....	5.0	.123
17	.5	.016	3.0	.210	.....	.....	.....	.....	.....	.....	15.5	2.116
18	4	.205	.....	.....	.....	.....	.....	.....	.....	.....	3.9	.068
19	.....	.....	.....	.....	.....	.....	5.0	.280	3	T.	4.0	.050
20	.....	.....	.....	.....	.....	.....	1.0	.067	2.5	.069	3.4	.250
21	.....	.....	.....	.....	.....	.....	.....	.....	1.0	.004	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.0	.394
23	5.5	.13	8.0	.706	.....	.....	3.9	.074	1.8	.076	2.5	.050
24	.....	.....	4.0	.062	7	.023	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	3.0	.056	2.5	.040	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	5.9	.417	11.0	.680
27	6.0	.161	0.1	T.	.....	.....	1.5	.046	5.0	.151	2.0	.062
28	.....	.....	.....	.....	5.7	.557	5.5	.652	9.0	1.206	8.9	.272
29	.5	.052	.....	.....	.9	.030	14.5	1.170	.....	.....	.....	.....
30	.....	.....	.....	.....	4.2	.090	.....	.....	1.0	.068	12.6	.792
31	.5	.016	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	.....	1.651	.....	4.767	.....	4.657	.....	4.252	.....	3.813	.....	7.295
Total for the year											.....	51.916

## Total Precipitation for the Year 1902.

1902.	CHAIN LAKE.				SPRUCE HILL LAKE.				CITY OF HALIFAX.			
	Snow.	Melted Snow.	Rain.	Total.	Snow.	Melted Snow.	Rain.	Total.	Snow.	Melted Snow.	Rain.	Total.
January .....	15½	1·61	1·96	3·57	23½	1·56	1·93	3·49	11·3	1·234	2·055	3·289
February .....	25	3·60	1·47	5·07	23½	3·40	1·56	4·96	11·5	1·445	1·290	2·735
March .....	½	·03	8·34	8·37	.....	.....	9·08	9·08	T.	.....	7·757	7·757
April .....	5½	·86	2·85	3·71	4½	·72	3·22	3·94	5·8	·580	2·487	3·067
May .....	.....	.....	3·46	3·46	.....	.....	3·31	3·31	.....	.....	3·725	3·725
June .....	.....	.....	5·24	5·24	.....	.....	5·48	5·48	.....	.....	4·908	4·908
July .....	.....	.....	1·72	1·72	.....	.....	1·67	1·67	.....	.....	1·651	1·651
August .....	.....	.....	4·76	4·76	.....	.....	5·04	5·04	.....	.....	4·767	4·767
September .....	.....	.....	4·93	4·93	.....	.....	5·63	5·63	.....	.....	4·657	4·657
October .....	.....	.....	5·27	5·27	.....	.....	4·81	4·81	.....	.....	4·252	4·252
November .....	2½	·55	3·61	4·16	2½	·60	4·40	5·00	T.	.....	3·813	3·813
December .....	30½	4·06	4·75	8·81	29½	5·06	4·26	9·32	21·3	2·442	4·853	7·295
Totals .....	79½	10·71	48·36	59·07	83½	11·34	50·39	61·73	49·9	5·701	46·215	51·916

Returns for the City of Halifax compiled from records of Dominion Meteorological Agent.  
All amounts in inches.

## Highest and Lowest Points Reached at Long Lake and Spruce Hill Lake, 1902.

LONG LAKE.					SPRUCE HILL LAKE.			
1902.	Lowest point reached during the month.	Highest point reached during the month.	Monthly precipitation in inches at gauge at Chain Lake.	Monthly precipitation in inches in City of Halifax.	1902.	Lowest point reached during the month.	Highest point reached during the month.	Monthly precipitation in inches at gauge at Spruce H. Lake
Jan. 1		206.83			Jan. 22	361.57		
" 22	205.83		3.57	3.289	" 25		361.88	3.49
Feb. 1		205.95			Feb. 1		361.72	
" 26	204.70		5.07	2.735	" 26	360.97		4.96
March 1	205.41				March 1	361.59		
" 21		206.83	8.37	7.757	" 31		363.76	9.08
April 1		206.49			April 5	363.76		
" 26	205.70		3.71	3.667	" 14		364.22	3.94
May 1		205.66			May 1		363.80	
" 24	204.63		3.46	3.725	" 24	363.09		3.31
June 21	203.53				June 22	362.64		
" 27		205.37	5.24	4.908	" 24		363.30	5.48
July 1		205.18			July 1		363.20	
" 31	203.29		1.72	1.651	" 31	362.09		1.67
Aug. 1		203.20			Aug. 8		362.09	
" 3	201.95		4.76	4.767	" 31	361.59		5.04
Sept. 5	201.66				Sept. 10	361.34		
" 17		202.91	4.93	4.657	" 16		361.88	5.63
Oct. 1		202.55			Oct. 1		361.28	
" 28	201.19		5.27	4.252	" 28	360.72		4.81
Nov. 6	201.99				Nov. 16		361.14	
" 29		202.83	4.16	3.813	" 26	360.84		5.00
Dec. 16	202.76				Dec. 16	361.04		
" 31		205.24	8.81	7.295	" 31		362.38	9.32
			59.07	51.916				61.73

Level of waste weir at Spruce Hill Lake. . . . . 363.34 above mean low tide.  
 Level of waste weir at Long Lake. . . . . 205.99 above mean low tide.

## Records Compared 1879-1902.

Year.	Total precipitation at Cham Lake.		Lowest Level of Long Lake below Waste Wier.		Total precipitation at Spruce Hill Lake.	Lowest Level of Spruce Hill Lake below Waste Wier.		Total precipitation in the City of Halifax.
	Inches.	Feet.	Inches.	Inches.		Feet.	Inches.	
1879....	40.76	4	6 $\frac{1}{2}$	.....	.....	.....	47.70	
1880....	51.45	3	10 $\frac{1}{2}$	.....	.....	.....	52.752	
1881....	46.65	3	0 $\frac{1}{2}$	.....	.....	.....	51.755	
1882....	56.089	2	6 $\frac{1}{2}$	.....	.....	.....	62.022	
1883....	46.201	4	5 $\frac{1}{2}$	.....	.....	.....	58.112	
1884....	59.252	3	9 $\frac{1}{2}$	.....	.....	.....	63.278	
1885....	47.995	4	5	.....	.....	.....	56.629	
1886....	46.60	2	3	.....	.....	.....	57.290	
1887....	59.82	3	10	.....	.....	.....	57.253	
1888....	68.525	1	5	67.21	2	2	66.294	
1889....	46.81	5	11	49.10	4	4	48.659	
1890....	59.38	4	2	60.78	3	11 $\frac{3}{4}$	60.103	
1891....	57.015	3	6 $\frac{1}{2}$	58.99	2	9 $\frac{1}{4}$	58.669	
1892....	58.97	2	11 $\frac{1}{2}$	60.19	2	5 $\frac{3}{4}$	53.690	
1893....	57.26	3	11 $\frac{3}{4}$	57.98	2	9 $\frac{3}{4}$	58.748	
1894....	47.59	6	4	46.40	4	11	45.808	
1895....	56.98	6	7	57.94	4	11 $\frac{1}{2}$	62.152	
1896....	70.87	3	1	70.72	3	8	69.862	
1897....	55.40	6	3	58.01	2	6 $\frac{3}{4}$	51.522	
1898....	74.93	4	5 $\frac{1}{2}$	74.48	2	2	60.480	
1899....	58.78	3	9	60.24	2	0 $\frac{1}{2}$	53.013	
1900....	70.00	5	6 $\frac{1}{2}$	66.59	4	3 $\frac{1}{2}$	59.697	
1901....	62.29	4	5 $\frac{1}{2}$	70.47	4	3	58.066	
1902....	59.07	4	9 $\frac{1}{2}$	61.73	2	7 $\frac{1}{2}$	51.916	

Rainfall  
only.



Gallons of Water Discharged over Long Lake Waste Weir  
during 1902.

Day.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	64,923,283			30,173,996								
2	46,452,871			19,600,783								
3	30,173,996		10,665,474	1,333,376								
4	16,424,984		42,169,750	8,112,524								
5	10,665,474		30,173,996	5,807,185								
6	5,807,185		34,026,476									
7	3,771,748		34,026,476	4,742,175								
8	2,053,123		26,482,975	2,053,123								
9	725,898		19,600,783	725,898								
10			13,441,414	2,053,123								
11			22,953,449	8,112,524								
12			19,600,783	30,173,996								
13	3,771,748		16,424,984	26,482,975								
14	5,807,185		13,441,414	22,953,449								
15	2,053,123		12,026,531	13,441,414								
16	725,898		8,112,524	5,807,185								
17	725,098		3,771,748	2,053,123								
18			3,771,748	725,898								
19			8,112,524									
20			42,169,750									
21			64,923,283									
22			55,434,189									
23			42,169,750									
24	10,665,474		26,482,975									
25	10,665,474		17,985,975									
26	10,665,474		10,665,474									
27	5,807,185		5,807,185									
28	3,771,748		2,053,123									
29	2,053,123		725,898									
30	725,898		26,482,975									
31			50,982,069									10,665,474
Totals	238,435,990		664,586,695	184,352,747								10,665,474

Total for the year..... 1,098,040,906 gallons.

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**REPORT OF PLUMBING INSPECTOR.**

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HALIFAX, N. S., May 1st, 1903.

MR. F. W. W. DOANE,  
*City Engineer.*

SIR,—I beg leave to submit for your information a report of work done by me during the past year in the Water and Health Departments.

During the past year there have been several violations of the rules and regulations, which have been reported to the Board. There is still the same delay with the plumbers in filling applications before starting work, and also in notifying this office when work is finished.

Respectfully submitted,

CLAUDE DONOVAN,  
*Plumbing Inspector.*

## Plumbing and Drainage.

	May.	June.	July.	August	Sept.	October.	Nov.	Dec.	Jan.	Feb.	March.	April.	Total.
No. of Plumbing plans and applications approved .....	15	31	23	17	24	19	20	27	13	17	32	27	265
No. of Certificates recommended .....	26	23	30	16	8	18	29	19	19	16	14	25	243
Collector's orders issued .....	7	8	8	4	5	5	16	3	4	3	4	8	75

No. of new houses for which permits were issued .....	46
No. of new houses inspected and passed .....	49
Barns .....	8
No. of plumbing inspections .....	715
No. of times smoke test applied .....	46
No. of times peppermint test applied .....	52
No. of times water test applied .....	27
No. of houses inspected for defective plumbing and for Board .....	75
No. of houses found in good condition .....	12
No. of houses remedied and put in good condition .....	15
No. of houses inspected for Collector .....	6
Other inspections .....	43
No. of W. C.'s taken out for alteration, etc. ....	59
No. of W. C.'s replaced .....	56
No. of new W. C.'s put in .....	146
Automatic flushing latrine, 13 seats. ....	1

**REPORT OF WATER INSPECTOR.**

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MAY 1st, 1903.

MR. F. W. W. DOANE,  
*City Engineer.*

SIR,—I beg leave to submit for your information the work done by me in the Water Department during the year, with a list of the water meters in use, the sizes, the amount of water consumed and revenue therefrom and the number of times the meters were inspected:—

Respectfully submitted,

JOHN E. BURNS,  
*Water Inspector.*



## Statement Showing Class of Premises on which Meters are used.

CLASS.	SIZE IN INCHES.								Indicator.	Total.	
	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	3	4			6
Armouries .....		2	2								4
Breweries .....	2	1				2	2				7
Bakeries .....	3										3
Churches .....										1	1
Colleges .....	2	6	1								9
Dye Works .....	2										2
Elevators .....					1		4	3			8
Electric Tram. Station .....				1		1		1	1		4
Factories, Machine Shops, &c. ....	10	4	1		1	2	2				20
Fountains .....					1						1
Gas Works .....									1		1
Grain Elevators .....	1						1				2
Grounds Athletic .....		1									1
Halls, Clubs, &c .....	2	8	3								13
Hospitals .....	1										1
Institutions .....	5	8	6	1							20
Laundries .....	3	1	4								8
Nurseries .....	1		1								2
Office Buildings .....	4	3	1			1					9
Printing Offices .....	4	1	1								6
Railroads .....				2	1	1					4
Refineries .....								1			1
Rinks .....	1						1				2
Schools .....	1	1	1								3
Stables (Private) .....	12										12
Stables (Livery) .....	13										13
Wharves .....						3	10	4	2		19
Tenements, Dwellings, &c. ....	139	5									144
	226	41	21	4	4	10	20	9	4	1	320

## Consumption and Revenue by Meter.

NAME.	CLASS.	1/2	3/4	1	1 1/4	1 1/2	2	3	4	6	Indicators.	Total.	Gallons.	Revenue.
H. M. Lumber Yard.	Wharf....							1				1	251000	\$ 37 65
Dalhousie .....	College .....		1									1	53981	7 78
Ch. of England Inst.	Hall. ....		1									1	59000	12 86
St. Patrick's Hall .....	" .....		1									1	123025	22 46
S. Cunard & Co .....	Wharf....									1		1	1600000	214 29
" .....	Office....		1									1	632417	81 09
" .....	Mach. shop		1									1	35924	6 46
Hlfx Elec. Tram Co.	Station .....			1		1		1				3	11752114	928 91
" .....	Gas Works								1			1	10408800	791 66
A. Keith & Son.....	Brewery .....		1					1				2	5768612	590 86
Smith Bros.....	Elevator .....							1				1	2574800	287 88
Prov. Government .....	Office....			1								1	831000	121 42
Moir, Son & Co.....	Factory .....							2				2	2082000	217 75
Halifax Breweries Co.	Brewery .....						1					1	1867000	227 01
Appraisers' Office .....	Elevator .....							1				1	440000	73 79
Post Office .....	" .....							1				1	1110000	161 86
Methodist Church .....	Church....										1	1	32073	2 25
Stairs, Son & Morrow	Elevator .....								1			1	489000	85 91
Acadia Sugar Refinery	Refinery .....								1			1	12750300	1014 40
Marine & Fisheries .....	Wharf....								1			1	982000	150 85
Whelan & Ferguson .....	Factory .....		1									1	55000	10 25
W. H. Donovan .....	" .....		1									1	99000	18 85
Macdonald & Co .....	Foundry .....		1									1	217000	34 55
J. F. Phelan & Son .....	Wharf....							1				1	Not in use.	
Dry Dock .....	" .....									1		1	502000	89 17
" .....	Mach. shop					1						1	320000	51 29
Plant S. S. Co. ....	Wharf....								1			1	2874000	329 64
Ladies' College .....	College .....		2									2	324100	58 26
F. J. Quinn .....	Factory .....		1									1	183000	29 45
James Roue .....	" .....		1									1	126000	22 90
Halifax Club .....	Club .....		2									2	1398000	165 76
St. Mary's Hall.....	Hall. ....		1									1	131000	21 65
City Club .....	Club .....		1									1	103000	19 45
Ferguson & Cox .....	Factory .....		1									1	62000	11 30
S. H. Convent .....	Convent .....							1				1	951000	77 57
F. D. Corbett & Co.	Wharf....							1				1	968000	145 52
J. K. Hubley .....	Dye works		1									1	112000	18 80
Thomas Robinson .....	Stables..		3									3	234500	38 18
Conlon's Stables .....	" .....		1									1	8000	3 20
John Nolan .....	" .....		1									1	101000	15 15
Robt. Ainsley .....	" .....		2									2	114000	22 09
W. H. Isnor .....	" .....		1									1	14600	3 10
Ungar's Laundry .....	Laundry .....							1				1	4625000	472 50
R. Bauld & Co .....	Wharf....		2						1			3	2275125	288 11
J. A. Leaman & Co.	Stable .....		1									1	730000	12 99

## CONSUMPTION, AND REVENUE BY METER.—(Continued.)

NAME.	CLASS.	½	¾	1	1½	2	3	4	6	Indicator	Total.	Gallons.	Revenue.
Cotton Factory	Factory									1		4368000	\$ 459 44
Catholic Orphanage	Institution			1						1		625000	47 84
Dawes & Co.	Brewery	1								1		55000	10 25
J. J. Scriven & Son	Bakery	1								1		146500	22 98
F. J. Scott	"	1								1		41000	8 15
John Fry	"	1								1		39000	7 85
Halifa Dispensary	Dispensary		1							1		10600	2 73
Globe Laundry	Laundry		2							2		1457000	182 34
G. M. Smith & Co.	Elevator							1		1		66000	99 98
Chronicle Office	Print.		1							1		361000	57 04
B. G. Street	Dye works	1								1		219000	9 49
Recorder Office	Print.		1							1		482000	75 67
L. O. O. F. Hall	Hall		1							1		201000	34 15
McAlpine Pub. Co.	Print.	2								2		126000	20 90
Masonic Hall	Hall			1						1		43000	11 00
Y. M. C. A. Hall	Hall	1		1						2		182500	19 80
Halifax Med. College	College	1	1							2		32000	8 45
Mrs. M. Phelan	Tenement.	1								1		364000	52 85
Doull estate	"	1								1		22000	5 30
Jas. Donohoe	Shop	1								1		2000	1 20
Eastern Trust Co.	Tenement.	1								1			
J. A. Hancock	Shop	1								1		3000	45
J. S. Cashen	Dwelling	1								1		42919	6 44
"	"	1								1		24412	3 66
Good Shepherd	Institution			1						1		443000	36 01
"	Laundry				1					1		1763000	131 41
Mrs. T. Hessian	Dwelling	1								1		28000	4 20
G. P. Henry	"	1								1		12200	1 83
Queen Building		1	1							2		552000	86 04
H. W. Barnes	Shop	1								1		4200	3 39
James Lloy	Tenement.	1								1		113500	17 03
James McLearn	Dwelling	1								1		63000	9 45
J. Y. Payzant & Son	Tenement.	1								1		49000	7 35
Ben. Gladwin	Dwelling	1								1		14000	2 10
Capt. Allen	Shop		1	1						2		234000	244 42
D. A. Storey	Dwelling	1								1		4200	2 43
Rod. McDonald	Nursery			1						1		291000	48 65
Commercial Cable Co	Wharf						1			1		2041000	263 88
E. B. Sutcliffe	Offices		1			1				2		864700	132 06
Lawn Tennis Club	Grounds	1								1		12000	5 80
J. A. Leaman & Co.	Stable	1								1		86000	14 90
Deaf & Dumb Inst.	Institution		2	1						3		1113000	91 91
H. H. Seminary	College			1						1		509200	40 64
F. W. W. Doane	Dwelling		1							1		55160	8 27



## CONSUMPTION AND REVENUE BY METER.—(Continued.)

NAME.	CLASS.	½	¾	1	1¼	1½	2	3	4	6	Indicator.	Total.	Gallons.	Revenue.
I. C. R. Freight Shed	Depot					1						1	1655000	Spcl.rate
I. C. R. Cattle Shed.	"							1				1	24000	\$ 14 10
I. C. R. Station	"				2		1					3	1647000	Spcl.rate
Miss L. M. Nolen	Dwelling		1									1	19000	\$ 2 85
School Commissioners	School			1								1	1245000	92 23
"	"		1									1	228000	36 20
"	"		1									1	52000	9 80
T. A. Hirtle	Dwelling		1									1	13000	2 75
H. W. Bayer	"		1									1	7000	1 05
Immigration Shed	Depot							1				1	2109000	270 36
R. E. Gannon	Stable		1									1	13000	3 95
Gordon & Keith	Factory			1								1	216000	34 45
M. A. Morrison	Dwelling		1									1	13000	1 95
Jas. Kelly	"		1									1	9100	1 37
Wm. Robinson	"		1									1	3900	59
Hon. D. McKeen	"						1					1	434000	62 93
Pine Hill College	College			1								1	212000	21 84
"	Library				1							1	89000	14 03
"	Nursery		1									1	5000	2 75
Infants' Home	Institution		1	1								2	1228741	94 96
Halifax Infirmary	Hospital			1								1	110250	8 74
St. Joseph's Convent.	Institution		1									1	64000	6 62
Old Ladies' Home	"			1								1	530000	41 10
St. Paul's Alms House	"		1									1	257800	20 05
Protestant Orphanage	"			1								1	116000	12 12
Salvation Harbor	"			1								1	393000	31 51
H. G. Bauld	Laundry		1									1	279300	39 70
George Wright	Dwelling		1									1	28000	4 20
"	"		1									1	36000	5 42
Miss L. Borden	"		1									1	9000	1 35
Mrs. L. Hamilton	"		1									1	19300	2 90
Miss J. M. Creighton	"		1									1	25600	3 84
W. H. Fulton	"		1									1	46000	6 90
J. A. Hall	"		1									1	46000	6 90
Blind Asylum	Institution			2	1							3	1064300	47 53
Edward Gibson	Dwelling		1									1	30000	4 50
Mrs. M. Johnston	"		1									1	28000	4 20
Mackintosh estate	"		1									1	33000	4 95
"	"		1									1	14100	2 12
W. M. P. Webster	"		1									1	27000	4 05
"	"		1									1	60000	9 00
A. R. Butler	"		1									1	324200	47 67
Mrs. J. Smith	"		1									1	59000	8 93
G. L. Murray	"		1									1	20800	3 12

## CONSUMPTION AND REVENUE BY METER.—(Continued.)

NAME.	CLASS.	Indicator.										Total.	Gallons.	Revenue.
		½	¾	1	1¼	1½	2	3	4	6				
W. E. Crowe	Dwelling	1										1	25000	4 05
Wm. Francis	"	1										1	30000	4 50
Samuel Bennett	"	1										1	6600	1 13
Mrs. M. Keefe	"	1										1	7000	1 05
W. J. Delaney	"	1										1	12800	2 07
J. J. Donnelly	"	1										1	9000	1 35
W. J. Kirby	"	1										1	13000	2 27
H. R. Silver	"	1										1	34000	5 10
M. D. Logan	"	1										1	131000	19 65
H. L. Wallace	"	1										1	24000	6 60
C. A. Baker	"	1										1	10000	1 50
Alex. Urquhart	"	1										1	68000	10 20
Joseph Foley	"	1										1	107500	16 13
Andrew Sullivan	"	1										1	35000	5 25
Mrs. M. Dwyer	"			1								1	157000	23 55
H. L. Williston	"	1										1	18000	2 70
Frank Eden	"	1										1	26000	3 90
Capt. Rood estate	"	1										1	33000	4 95
W. H. Cawsey	"	1										1	23000	3 45
Wm. Mackinlay	"	1										1	8000	1 20
Joseph Whitman	"	1										1	8000	1 20
W. B. Freeman	"			1								1	35000	5 33
A. M. Harivel	"	1										1	21000	3 15
"	"	1										1	47000	6 75
"	"	1										1	26000	3 90
Samuel Brown	"	1										1	13000	1 95
George Verdi	"	1										1	26000	3 90
James Baker	"	1										1	6000	90
John Davison	"	1										1	13000	1 95
Wm. Forbes	"	1										1	6000	90
Wm. O'Connell	"	1										1	8000	1 20
John Phelan	"	1										1	3000	57
Mrs. M. Davey	"	1										1	4700	71
Mrs. M. Muldowney	"	1										1	7000	1 05
Thos. Williamson	"	1										1	37000	5 55
St. Joseph's Society	Hall	1										1	84100	14 67
Francis Selig	Dwelling	1										1	23000	3 45
R. W. Dunsworth	"	1										1	7000	1 05
James Kelly	"	1										1	9100	1 37
Noah Boutilier	"	1										1	75000	11 25
W. R. Innis	"	1										1	7000	1 05
J. M. DeWolfe	"	1										1	16000	2 40
W. A. Heisler	"	1										1	43000	6 45
JosephSlaughenwhite	"	1										1	16000	2 40

## CONSUMPTION AND REVENUE BY METER.—(Continued.)

NAME.	CLASS.	½	¾	1	1¼	1½	2	3	4	6	Indicator. Total.	Gallons.	Revenue.
B. F. Pearson	Dwelling					1					1	109000	\$ 16 35
H. C. Tully	Stable	1									1	4000	60
Graham Creighton	Dwelling	1									1	17000	2 55
W. P. C. Inglis	Stable	1									1	25000	5 75
Murdochs' Nephews	Shop	1									1	75000	13 25
H. S. Freeman	Dwelling	1									1	42500	6 38
C. C. Seaman	"	1									1	14000	2 10
John Hurd	"	1									1	85000	12 83
John Dixon	Factory	1									1	26000	5 90
Mrs. J. Duggan	Shop	1									1	10000	2 50
Wm. Wier	Dwelling	1									1	55312	8 32
Mrs. L. W. Parsons	"	1									1	26000	3 90
John May estate	Brewery						1				1	1069000	152 32
W. J. Harvey	Stable	1									1	33000	5 03
Furness, Withy & Co.	Wharf							1			1	215000	41 42
A. M. Harivel	Dwelling	1									1	88000	14 70
"	"	1									1	19000	2 85
"	"	1									1	26000	3 90
Joseph Allen	"	1									1	16000	2 40
E. J. Horne	"	1									1	22000	3 30
Arthur Pelton	"	1									1	29000	4 35
Robt. Horton	"	1									1	15700	2 36
Wm. Sutherland	Laundry										1	186000	57 49
Samuel Grant	Dwelling	1									1	20000	3 00
H. McC. Hart	"	1									1	54000	8 10
"	"	1									1	2800	42
Andrew Hubley	"	1									1	23000	3 45
"	"	1									1	56000	7 50
"	"	1									1	36000	5 40
"	"	1									1	53000	7 95
James Nolan	Stable	1									1	99000	16 85
Dr. Jacques	Dwelling	1									1	38000	5 70
A. H. McCaughin	"	1									1	56000	7 50
C. S. Davies	"	1									1	32000	4 80
Wm. Kennedy	"	1									1	18000	2 70
Geo. Tanner	"	1									1	24000	3 60
A. H. Shepherd	"	1									1	77000	11 55
Miss E. M. Connell	"	1									1	245000	36 75
Jas. Hutt	"	1									1	17000	2 55
Edward Hoare	"	1									1	22000	3 30
W. H. Isnor	"	1									1	11000	2 21
Mrs. S. A. Fultz	"	1									1	14600	2 19
Richard Greer	"	1									1	29600	4 44
R. King estate	"	1									1	40000	6 00

## CONSUMPTION AND REVENUE BY METER.—(Continued.)

NAME.	CLASS.	½	¾	1	1¼	1½	2	3	4	6	Indicator.	Total.	Gallons.	Revenue.
R. King estate	Dwelling..	1										1	5000	\$ 75
" "	"	1										1	14000	2 10
" "	"	1										1	18000	2 70
Geo. Harvey	"	1										1	16000	2 40
Grove Church Manse.	"	1										1	49000	7 35
Miss H. Phelan	"	1										2	6000	90
Henderson & Potts.	Factory						2					1	771000	123 94
Armouries	Armoury..		2	2								4	1027000	158 93
A McFatrige	Laundry	1		1								2	216100	22 82
Dr. J. B. Bennett	Fountain..					1						1	39000	11 85
W. H. Schwartz	Factory	1										1	117000	19 55
Davis & Fraser	"	1										1	139000	22 85
Dillon Bros	Elevator							1				1	406000	69 46
Grain Elevator	"		1						1			2	46900	9 12
McKenzie & Cox	Stable	1										1	31000	6 65
Curling Rink	Rink	1						1				2	43000	13 45
H. W. Wentzell	Stable	1										1	27000	6 13
J. E. Roy	Barb'rshop			1								1	250000	52 50
Edward Smith	Dwelling..	1										1	80000	12 00
J. L. Barnstead.	"	1										1	28000	4 20
" "	"	1										1	138000	20 20
T. E. Cook	"	1										1	143000	20 55
C. A. Creighton	"	1										1	10000	1 50
Mrs. A. Boutilier, agt	"	1										1	66000	9 90
J. P. Foley	"	1										1	242000	36 30
Charles Carmichael.	"	1										1	3400	98
Mrs. A. Ward	"	1										1	71500	10 73
Philip Boyle	"	1										1	108000	16 20
John Connolly	"	1										1	17000	2 55
" "	"	1										1	138700	20 81
J. R. Nickerson	"	1										1	212000	31 80
Henry Gammon	"	1										1	6900	1 04
J. W. Smeltzer	"	1										1	65850	9 88
Henry McDonald.	Shop	1										1	93600	16 04
W. H. Cawsey	Dwelling..	1										1	173000	25 95
" "	"	1										1	23000	3 45
Patrick Gray	"	1										1	7600	1 14
Arthur Lovett	"	1										1	16300	2 45
N. & M. Smith	Stable	1										1	93200	15 98
J. L. Wallace	Dwelling..	1										1	5600	81
Henry Bauld	Stable	1										1	18800	4 66
Miller Bros.	"	1										1	30000	6 50
" "	"	1										1	36300	7 44
Scotia Pure Milk Co.	Factory	1										1	236000	37 40

## CONSUMPTION AND REVENUE BY METER.—(Continued.)

NAME.	CLASS.	½	¾	1	1¼	1½	2	3	4	6	Indicator. Total.	Gallons.	Revenue.
John Butler .....	Dwelling ..	1									1	13000	\$ 1 95
Collas, Whitman & Co. ....	Factory ..			1							1	63000	14 45
Joseph DeYoung .....	Dwelling ..	1									1	30000	4 50
James Barrowman .....	" ..	1									1	25100	3 77
John Olive .....	Stable ....	1									1	14000	2 10
C. H. Robert .....	Dwelling ..	1									1	62000	9 30
Halifax Transfer Co. ....	Stable ....	1									1	103400	16 57
E. J. Goudge .....	Dwelling ..	1									1	21000	3 15
Geo Thompson .....	Factory ..	1									1	32000	6 80
W. J. Cooke .....	Dwelling ..	1									1	5000	75
John Edwards .....	" ..	1									1	23000	3 45
Mrs. F. Fry .....	" ..	1									1	22000	3 30
T. J. Cabill .....	" ..	1									1	18000	2 70
Harrington estate .....	Brewery ..	1									1	74750	13 21
McGrath & Adams .....	Stable ....	1									1	41000	8 29
J. Wood .....	Wharf ....							1			1	342000	54 81
Kaye St. School .....	School ....	1									1	22800	36 20
Lawson estate .....	Factory ..	1									1	590000	85 06
Moir, Son & Co. ....	" ..	1				1					2	22000	2 75
Halfx. Elec. Tram Co. ....	Station ...								1		1	1092000	91 90
Training School .....	School ....	1									1	52000	9 80
H. G. Bauld .....	Laundry ..	1									1	279300	39 70
		206	41	21	4	4	10	20	9	4	1	320	

**STREET FOREMAN'S REPORT.**

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CITY HALL, HALIFAX, May 1st, 1903.

F. W. W. DOANE, ESQ.,  
*City Engineer.*

SIR,—I beg to report in the accompanying statements the work performed and material used in 1902-03.

Respectfully submitted,

JOHN McDONALD,  
*Foreman of Streets and Sewers.*

SEWER CONSTRUCTED IN 1902.

LOCATION.			Size in inches.	Length in feet.	Material.	Manholes.	Drain Connections.	Catchpits.	Average depth in feet.	Average depth of soil.	COST OF WORK.			COST PER LINEAL FOOT.			Sewerage rates at \$1.25 per lineal foot frontage.	FOREMAN.
STREET.	FROM.	To.									Labour and Truckage.	Material.	Total.	Labour and Truckage.	Material.	Total.		
Parker .....	Welsford .....	Southerly .....	12" x 18"	454	Concrete.	3	3	.....	6.1	4.1	\$801 84	\$407 74	\$1209 58	\$1 77	\$0 89	\$2 66	\$584 38	Jas. Downie.

DETAILED COST OF SEWER CONSTRUCTED IN 1902.

STREET.	FROM.	To.	CONCRETE.		MANHOLES.			DYNAMITE.		ELECTRIC FUSE.		BRICKS.		CEMENT.		SAND.		KEROSENE OIL.		COAL.		BRUSH.		CROCK PIPE.			Lumber and Tools.	Total cost of Material.	Cost of Labor.	Cost of Truckage.	Total cost of Sewer.				
			Length 12 x 18 ft. at 55c. per ft.	Cost.	Covers.	Tops.	Steps.	No. of lbs. at 20c.	Cost.	No. at 2 1/2c.	Cost.	No. at \$9.00 per M.	Cost.	No. of barrels at \$2.50.	Cost.	No. of bushels at 4c.	Cost.	No. of gallons at 18 3/4c.	Cost.	No. of bushels at 20c.	Cost.	No. of bundles at 15c.	Cost.	No. ft. 15" at 47c.	Cost.	No. of 6" Slants at 16c.						Cost.			
Parker .....	Welsford...	Southerly ..	454	\$249 70	3	\$8 40	3	\$15 00	7	\$0.98	140	\$28 00	262	\$6 55	3400	\$30 60	10	\$25 00	84	\$3 36	3	\$0 56	12	\$2 40	55	\$8 25	18	\$8 46	3	\$0 48	\$20 00	\$407 74	\$751 10	\$50 74	\$1209 58





## Concrete Catchpits (Constructed in 1902.

STREET.	Side of Street.	LOCATION.	Number.	Size of Inlet.	FOREMAN.	REMARKS.
Tower Road...	E.	South of South St. ....	27	in.	Jas. Downie ..	Rebuilt New Tops
Argyle.....	E.	At Sackville St. ....	17	in.	" ..	
George.....	N.	At Bedford Row ....	17	in.	" ..	
Hollis.....	E.	At Duke St. ....	17	in.	" ..	
Sullivan.....	N.	West of Gottingen St.	17	in.	" ..	
Queen.....	E. & W.	At Artillery Place...	27	in.	" ..	
Prince.....	N. & S.	At Water St. ....	27	in.	" ..	
College.....	N. & S.	At Tower Road.....	27	in.	" ..	
Summer.....	E.	At College St. ....	17	in.	" ..	
North George.	W.	At King St. ....	17	in.	" ..	
Lawrence.....	N.	At Windsor St. ....	17	in.	" ..	
Robie.....	W.	At Charles St. ....	17	in.	" ..	

Total, 14 New Pits  
2 New Tops.

## Cost of 14 New Catchpits and 2 New Tops.

MATERIAL.	@	Cost.	PAY ROLL.		
			Date.	Labor.	Cartage.
364 bush. B. Stone Assoc.....	\$0 7	\$ 25 48	Sept. 22.	\$ 10 96	\$ 2 01
30 bbls. Brush.....	0 15	4 50	Oct. 6.	130 10	23 59
280 ft. 9" Crock.....	0 21	58 80	" 20.	52 45	11 57
35 bbls. Cement.....	2 50	87 50	Nov. 3.	86 46	22 23
2 Tiles.....	0 03	06	" 17.	79 47	3 20
15 lbs. Dynamite.....	0 17	2 55	Dec. 1.	23 58	12 46
50 Electric Fuse.....	0 2	1 00			4 90
10 ft. 6" Crock.....	0 12	1 20			
63 ft. 12" Crock.....	0 32	20 16		\$383 02	\$79 96
1 6" Bends.....	0 31	31			
1 9" Bends.....	0 78	78			
16 C. P. Curbs.....	5 00	80 00			
16 C. P. Covers Iron.....	2 10	33 60			
9 C. P. Gratings.....	0 34	3 06			
202 bush. Gravel.....	0 4	8 08			
210 bush. Sand.....	0 4	8 40			
4½ gall. Oil.....	0 18½	85			
10-4 ft. Straight Curb.....	0 63	6 51			
65-6 ft. Straight Gutter.....	0 43	28 17			
85 Paving Setts.....	0 7	5 95			
1 9 x 6 Y.....	0 61	61			
		\$377 57			

## TOTAL COST OF 14 NEW PITS AND 2 NEW TOPS.

Material.....	\$377 57
Labor.....	383 02
Cartage.....	79 96
	<hr/>
	\$840 55

### Streets Macadamized, 1902-03.

STREET.	FROM.	To.	Material.	Labor.	Cartage.	Total Cost.	FOREMAN.	REMARKS.
Cunard . . . .	Gottingen...	North Park.	133 84	30 79	98 60	263 23	Burley . . . . .	Stone and Binding Crusher.
Prince . . . . .	Argyle . . . . .	Brunswick..	92 40	26 18	70 74	199 32	" . . . . .	" "
Buckingham..	" . . . . .	Albemarle..	61 40	14 68	46 10	121 82	" . . . . .	" "
West . . . . .	Maynard . . . .	Agricola . . . .	180 32	28 07	91 71	300 10	" . . . . .	" "
Gerrish . . . . .	Lockman . . . .	Brunswick..	96 88	10 62	58 12	165 62	" . . . . .	" "

## Granite Curb and Gutter Laid, 1902.

STREET.	Corner or Side.	FROM.	To.	Length straight Curb.	Length circle Curb.	Length straight Gutter.	Length circle Gutter.	Cost	FOREMAN.	REMARKS.
Barrington ..	W.	Blower, north .....				192' 8"		\$106 49	Downie ..	
Tower Road	E.	Victoria Road .....	South .....	562' 5"	31' 6"	572' 5"	31' 6"	872 26	" ..	
Granville ...	W.	Buckingham, north .....				69' 0"		38 44	" ..	
Agricola .....	N. E.	North .....			15' 9"		15' 0"	} 59 70	" ..	
" .....	N. W.	May .....			15' 9"		15' 9"		" ..	
" .....	S. E.	Ontario .....			15' 9"		15' 9"	36 82	" ..	
Quinpool Rd.	S. E.	Louisburg .....		7' 0"	15' 9"	7' 0"	15' 9"	47 39	" ..	
Bauer .....	W.	.....		122' 7"		122' 7"		204 88	" ..	
Roome .....	N.	.....		54' 0"			53' 6"	91 35	" ..	
Hollis .....	E.	W. & C. Silver's .....	Northwardly			105' 0"		80 61	" ..	Resurfacing Street, \$13.26 extra.
Blower .....	S. W.	.....					13' 6"		" ..	
Argyle .....	E.	Sackville, south .....		10' 3"		10' 10"			" ..	
Barrington ..	W.	Duke .....	Northwardly					15 44	" ..	Old curb relaid; re- surfacing, \$16.97.
Hollis .....	E.	Salter .....	Queen Hotel.					182 24	" ..	Old curb relaid; re- surfacing, \$90.65.

## Granite Crossings Laid, 1902.

Hollis across Fawson, Length 49 feet. Cost, \$41.58. Foreman, Meagher.

### Memo. of Bathing Stock at Chain Rock Bath.

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Bathing Trunks.....	583
Bathing Suits (1 and 2 piece) .....	79
Bath Towels.....	408
Belts, cotton .....	10
Belts, cord.....	5

JOHN W. BRUSH.

June 21st, 1902.

**APPENDIX.**  
**Contracts, 1902-03.**  
**WATER WORKS.**

CONTRACTOR.	DESCRIPTION.	Quantity.	Rate.	Total.	Remarks.
John A. Thomson .....	Special Castings .....		.024 .....		Schedule rate.
			.02 .....		
			.014 .....		
John Kline .....	Granite Fountain curb .....			\$237 00	
Glenfield & Kennedy, Ltd. . . . .	4 in. double socket valves .....	50 .....	£1 12 6 .....	481 44	
D. Y. Stewart & Co. ....	3 in. x 9 ft. H. & S., c. i. water pipe .....	1000 ft. ....	6 10 0 ton, 2000 lbs .....		C. I. F. Halifax.
Neptune Meter Co. ....	3 in. meters .....	6 .....	13.50 .....	105 04	All charges included.

**SEWERAGE.**

Acadia Powder Co. ....	Explosives—Powder .....		.05 .....		
	Dynamite .....		.20 .....		
	Detonators .....		.40 .....		
	Fuse hanks. ....		.05 .....		
	Electric fuse .....		.024 .....		
Elmsdale Brick Co. ....	Bricks—City Siding .....		8.20 .....		
	Freight Depot .....		8.00 .....		
Poor Asylum. ....	Concrete, per cubic ft. ....		.08 .....		
Jas. Freda. ....	Salt Sand .....		.034 .....		
	Fresh Sand .....		.044 .....		
	Gravel .....		.034 .....		
	Pebbles .....		.06 .....		
	White's cement, 350 lbs. net. ....	500 bbls. ....		2.08 .....	

CONTRACTS, 1902-03.—(Continued.)

FLOATING BATHS.

T. P. Mulcahy .....	Coopering casks .....			40 00
	Casks .....	33 .....	1.00 .....	33 00
Walsh Bros. ....	Painting interior, 1 coat, exterior 1 coat, roof 2 coats .....			99 00

STREETS.

City Prison .....	Hand broken stone per bush .....		.03½ .....	
Alfred Nicholson } Jas. Weaver } Chas. Weaver } Chas. Pickrim } Geo. Harvey } E. Hartnett } Poor Association } Win. D. Yeadon } .....	Stone for Poor Association .....	20174 bush .....	.01½ .....	353 05
	Stone for crusher .....	48784 bush .....	.02 .....	975 88
	" " .....			314 84
	Breaking Stone .....	20174 bush .....	.04½ .....	922 84
	Granite—Straight curb .....		.63 .....	
	Corner curb .....		.05 .....	
	Corner gutter .....		.59 .....	
	Straight gutter .....		.43 .....	
	Straight catchpit curb .....		5.00 .....	
	Corner catchpit curb .....		5.00 .....	
	Sq. Manhole Top, 1 piece .....		5.00 .....	
	Round Manhole Top .....		7.50 .....	
	Coalhole Top .....		6.00 .....	
	Hatch Curb .....		.25 .....	
Carritte Paterson Mfg Co. ....	Refined Tar .....	5145 gallons .....	.13 .....	668 85
G. P. Mitchell & Sons .....	Trinidad Asphalt .....	150 bbl., 53417 lbs .....	24.50 ton .....	654 36
Farquhar Bros. ....	Street Signs .....	413 .....	.40 .....	165 20





CONTRACTS, 1902-03.—(Continued.)

LIGHTING.

Halifax Electric Tramway Co.	Arc lights, 2000 c. p. ....	65.00	5 years, from July 1, 1902. Per K. W. hour.
	50 c. p. incandescent .....	21.00	
	Incandescents in buildings .....	.10	

MISCELLANEOUS.

Rhodes, Curry & Co. ....	Lumber .....			Schedule rates.
Black Bros. & Co. ....	Hardware .....			" "
Robinson Bros. ....	Removal of Manure .....			11 00
S. Cunard & Co. ....	Coal—Hard egg, City Hall .....	140 tons, 2000 lbs	5.75	For privilege.
	Reserve, City Hall .....	5 ch. 3000 "	5.40	
	Reserve, stable and workshop .....	7 " " "	5.90	
	Acadia lump, Drill .....	10 " " "	6.00	
	" " Roller .....	50 " " "	6.00	
	" " nut, Crusher .....	50 tons, 2240 "	3.60	
	Albion, Slack, blacksmith shop .....	12 " " "	3.20	

Certificate of Cost of Concrete Sidewalks Constructed under the Provisions of Sections 9 and 10  
of Chapter 45 of the Acts of 1902, during the year 1902.

Number.	PROPERTY OWNER.	Area of concrete sidewalk in front of property in sq. yds.	Cost of laying concrete per sq. yd.	Cost of laying concrete in front of property.	Cost of grading, resetting, narrowing, filling up, &c., hatches, coal holes, &c., in front of property.	Total cost of sidewalk in front of property.	Amount to be charged against the property owner one-half cost.
HOLLIS STREET, (East sidewalk from Salter Street Northwardly. Ordered October 24th, 1901.)							
91	Devises Chas. Cogswell.....	\$ 37 80	\$1 73	\$ 65 39	\$ 13 83	\$ 79 22	\$ 39 61
93	Devises Wm. M. Harrington .....	33 84	1 73	58 54	13 83	72 37	36 19
95	Trustees N. S. P. B. Society.....	42 33	1 73	73 23	3 65	76 88	38 44
97-103	L. J. & A. G. Hesslein .....	206 38	1 73	357 03	34 39	391 42	195 71
105	A. C. Cogswell.....	35 12	1 73	60 76	1 76	62 52	31 26
107	J. P. Fairbanks.....	52 32	1 73	90 51	1 17	91 68	45 84
	Totals.....	\$407 79	.....	\$706 52	\$68 63	\$775 15	\$387 58

BARRINGTON STREET, (West sidewalk from Duke St. Northwardly. Ordered June, 1902.)							
.....	H. W. Cameron.....	\$43 42	\$1 48	\$64 37	\$8 56	\$72 93	\$36 47
	Total.....	\$43 42	.....	\$64 37	\$8 56	\$72 93	\$36 47

I hereby certify the foregoing statement to be correct.

CITY ENGINEER'S OFFICE, February 13th, 1903.

F. W. W. DOANE, *City Engineer.*

**Certificate of Cost of Brick Sidewalks Constructed under the Provisions of Sections 9 and 10 of Chapter 45 of the Acts of 1902, during the year 1902.**

Number.	PROPERTY OWNER.	Area of Brick Sidewalk in front of property in sq. yds.	Total Cost of relaying sidewalk in front of property.	Amt. to be charged against the property owner one-half cost.
HOLLIS STREET, East sidewalk. (Ordered June 19th, 1902.)				
205-7	Bank of British North America.....	62.77	\$14 45	\$7 23
230-241	Mrs. Elizabeth Fishwick.....	31.54	10 64	5 32
	Totals.....	94.31	\$25 09	\$12 55

I hereby certify the foregoing statement to be correct.

F. W. W. DOANE, *City Engineer.*

CITY ENGINEER'S OFFICE, April 25th, 1903.

### Detailed Cost of Sidewalk.

CONCRETE SIDEWALK BARRINGTON ST. WEST SIDE DUKE ST. NORTHWARDLY.

Cement, 10½ barrels at \$2.50 .....	\$25 84
Broken Stone, 42 bushels at 7c.....	2 94
Gravel, 28 bushel at 4c .....	1 12
Sand, 14 bushels at 4c .....	56
Labor payroll, July 28th, 1902 .....	\$13 38
"    "    August 11th, 1902.....	9 24
	22 62
Cartage "    July 28th, 1902.....	\$6 24
"    "    August 11th.....	3 79
	10 03
	\$63 11
Tools, plant, &c., 2%.....	1 26
	\$64 37
43.42 sq. yds. at \$1.48.....	

CONCRETE SIDEWALK HOLLIS ST. EAST SIDE QUEEN HOTEL TO SALTER ST.

Cement, 114 barrels at \$2.50.....	\$285 00
Broken Stone, 532 bushel at 4c.....	21 28
Sand, 340 bushel at 4c.....	13 60
Gravel, 280 bushel at 4c.....	11 20
Oil, 2 gallons.....	41
Labor payroll, June 16th, 1902.....	\$ 29 86
“ “ “ 30th, “.....	216 70
	<u>246 56</u>
Cartage “ “ 16th, “.....	\$18 04
“ “ “ 30th, “.....	96 58
	<u>114 62</u>
	\$692 67
Tools, plant, &c., 2%.....	13 85
407.79 sq. yds. at \$1.73.....	<u>\$706 52</u>

RELAYING BRICK SIDEWALK HOLLIS ST. EAST SIDE AT OFFICE CANADIAN EXPRESS Co., (239).

Cement, 1 bbl.....	\$ 2 50
Labor payroll, September 8th, 1902.....	7 04
Cartage “ “ “.....	89
	<u>\$10 43</u>
Tools, plant, &c., 2%.....	21
31.54 sq. yds. at 34c.....	<u>\$10 64</u>

RELAYING BRICK SIDEWALK HOLLIS ST. EAST SIDE AT BANK OF BRITISH NORTH AMERICA, (205-7).

Cement, 2 bbls. at \$2.50.....	\$ 5 00
Sand, 28 bushels at 4c.....	1 12
Gravel, 14 bushels at 4c.....	56
Labor payroll, August 25th, 1902.....	\$ 6 82
Cartage “ “ “.....	67
	<u>14 17</u>
Tools, plant, &c., 2%.....	28
62.77 sq. yds. at 23c.....	<u>\$14 45</u>

### Cost of Work on Hatches.

Number.	STREET.	OWNER.	PAYROLL.				Sand at 4c. per bush.	Cement at 90c. per bush.	Hatch Curb at 75c. per ft.	Coal Hole Tops and Covers at \$4.00.	Total.
			Date.	AMOUNT.							
				Labor.	Cartage at 22½c. per hour.						
100-104	Barrington	H. W. Cameron	July 28, 1902..	\$1 25	\$0 23		\$0 45	\$ 6 63		\$ 8 56	
91	Hollis	Devises Chas. Cogswell,		4 02	67	\$0 12	1 35	21 50		27 66	
93	"	Devises Wm. M. Harrington,									
95	"	Trustees N. S. P. B. B. Society.		2 30			1 35			3 65	
97-103	"	L. J. & A. G. Hesslein		12 30	89	20	3 75	13 25	\$4 00	34 39	
105	"	A. C. Cogswell		1 08			68			1 76	
109-115	"	J. P. Fairbanks		72			45			1 17	

### Cost of Repairing Damage by Fire at City Hall.

John Foley, Mason's Work .....	\$319 00
Jas. Donohue, Plumbing Work .....	235 00
G. M. Cullen & Co., Painter's Work .....	153 00
Frank Reardon, Glazier's Work .....	106 50
N. S. Furnishing Co., Covering Tables, Linoleum, Library	48 50
W. G. Wiswell, Appraisers Fees .....	20 00
Carpenter's Work, Lumber .....	151 02
Electrical Work .....	24 11
Scrubbing .....	28 00
Wm. Grant, 1 Sail .....	16 00
Sundry Hardware .....	9 53
	\$1110 66

### Memo. of Underground Work Laid by the N. S. Telephone Company, Ltd., 1902.

#### MAINS.

- From manhole at corner of Spring Garden Road and Pleasant St.,  
6 ducts west 469 ft. to manhole at Court House.  
Thence ducts 466 ft. to manhole at Queen St.  
Thence 6 ducts 522 ft. to manhole at Dresden Row.  
Thence 6 ducts 504 ft. to manhole at South Park St.  
Thence 4 ducts 504 ft. to manhole near Convent.

#### BRANCHES.

- From manhole at Queen St., 1 duct 220 ft. to pole corner of Bir-  
mingham St.  
From manhole at Dresden Row, 1 duct 80 ft. to first pole west.  
From manhole at South Park St., 4 ducts 130 ft. to first pole south  
on South Park St.  
From manhole at South Park St., 2 ducts 175 ft. to first pole on  
Tower Road.

From manhole at South Park St., 1 duct 258 ft. to first pole on Spring Garden Road west of Tower Road.

From manhole at Convent, 4 ducts 210 ft. to second pole west of manhole.

6473 ft. of cable was pulled in containing 438 miles of wire.

### AGREEMENTS.

CITY ENGINEER'S OFFICE,

HALIFAX, N. S., July 23rd, 1903.

(COPY.)

MR. DANIEL MCLEOD,—

DEAR SIR,—I have to notify you that you have been appointed by the City Council as Foreman Blacksmith of the City Blacksmith Shop, on such conditions, and to perform such work as the City Engineer shall require you to do from time to time. Your employment must not be considered as permanent, but the right is reserved by the City Council to dispense with your services at any time that they may consider it advisable to do so. Your wages will be at the rate of \$700.00 per annum. The City Blacksmith Shop is under the direction of Mr. Ewan Morrison, Foreman of the City Water Department, and you will be required to do any work which he may instruct you to do either at night or by day, and if it becomes necessary, on Sunday as well. While your work for the present will be principally in the line of your trade, you will be required in case of emergency to make yourself useful in any capacity. If you are satisfied with these conditions you may go to work after signing the agreement at the bottom. If you are not you will consider that you are not employed.

Yours truly,

(Sgd.) F. W. W. DOANE, *City Engineer.*

I hereby agree to all the terms and conditions mentioned above.

(Sgd.) DANIEL MCLEOD.

Witness: MINNIE A. HUNTER.

### Stay Wire—Artillery Park.

MEMORANDUM OF AGREEMENT made the 28th day of February, 1903, between The Commanding Royal Engineer on behalf of Her Majesty's Principal Secretary of State for the War Department (hereinafter called "the said Secretary of State," which expression wherever hereinafter used shall include his successors in office, where the context so requires or admits) of the one part, and the City of Halifax, N. S., of Halifax, N. S., (hereinafter called "the Tenant," which expression wherever hereinafter used shall include his executors, administrators and assigns, where the context so requires or admits) of the other part. Witnesseth that the Tenant having applied to the said Secretary of State for permission to have one stay wire on the War Department property at Halifax, N. S., more particularly described in the Schedule hereto, the said Secretary of State has consented to grant such permission on the terms and in manner following, to which both parties hereto agree, namely:—

1. The position and direction of the said wire shall be fixed, and the works in connection therewith carried out and executed under the supervision and to the entire satisfaction of the Commanding Royal Engineer of the District for the time being, at the entire cost of the Tenant.

2. The Tenant shall pay to the said Secretary of State by way of acknowledgment that such permission exists by leave only of the said Secretary of State, and not by any other right or title whatsoever, the sum of one shilling per annum, on the first day of January in every year during the continuance of this agreement, without any deduction whatsoever, the first payment of one year's rent or acknowledgment to become due and be payable in advance on the day of February, 1903.

3. The said Secretary of State, or any person acting under him or on his behalf or by his direction, shall not be liable for any accident of whatever nature which shall or may occur to the said encroachment or the works in connection therewith, nor shall the tenant be allowed or permitted to enter upon the property of the War Department to execute any repairs thereof that may be necessary without having first obtained the written consent of the



said Commanding Royal Engineer nor at any time other than that specified in such written consent, and all such repairs shall be executed, and on each occasion of execution of repairs the War Department property shall be restored and made good to the satisfaction of the said Commanding Royal Engineer, at the entire cost of the tenant.

4. This agreement may be terminated at any time by the said Secretary of State by a notice in writing signed by him, or some agent duly authorized by him in that behalf, and given to the tenant, or sent by post to him at his last known place of abode or business. And immediately upon such notice being so given or sent the permission hereinbefore granted shall be deemed to be withdrawn without payment of any compensation to the tenant, who shall thereupon forthwith proceed, at his own cost, and to the satisfaction of the said Commanding Royal Engineer, to remove the said encroachment and the works in connection therewith, and to restore the War Department property in connection with the said encroachment to the condition in which it was before the commencement of the said works. And in case the tenant shall neglect or fail within one calendar month from the giving or sending of such notice to remove the said encroachment and the works in connection therewith and to restore the War Department property as aforesaid, the said Secretary of State may, at the expense in all respects of the tenant, remove the said encroachment and works and restore the said property to its former condition, and all costs and expenses incurred in such removal and restoration shall on demand be paid by the tenant to the said Secretary of State.

As witness whereof the parties hereto have hereunto their hands and seals subscribed the day and year first above mentioned.

Signed, sealed and delivered  
in the presence of

(Sgd.) H. W. JOHNSTON.

(Sgd. A. B. CROSBY,  
*Mayor.*

(Sgd.) L. FRED. MONAGHAN,  
*City Clerk.*

[CITY SEAL.]

## Number and Location of Street Lights.

2000 C. P. ARC LAMPS.

No.	STREET.	LOCATION.
1	Tower Road.....	Between Miller Street and Bower Road.
2	Bower ".....	At corner of Francklyn Street.
3	Tower ".....	" Bower Road.
4	Pleasant Street.....	Opposite R. N. S. Yacht Squadron.
5	" ".....	At corner of Inglis Street.
6	Inglis ".....	" Mitchell Street.
7	" ".....	" Lucknow " "
8	" ".....	" Tower Road.
9	Pleasant ".....	" Green Street.
10	Queen ".....	" Kent " "
11	Victoria Road.....	" Bland " "
12	" ".....	" South Park Street.
13	Tower ".....	At Kirby's Lane.
14	South Street.....	At corner of Wellington Street.
15	" ".....	" Robie " "
16	" ".....	" LeMarchant " "
17	" ".....	Between Oxford Street and LeMarchant Street
18	" ".....	At corner of South Park Street.
19	Kent ".....	Between Pleasant Street and Queen Street.
20	Tobin ".....	" " " "
21	South ".....	At corner of Pleasant Street.
22	" ".....	" Queen " "
23	Hollis ".....	" Fawson " "
24	Church ".....	" Harvey " "
25	Morris ".....	" Lower Water Street.
26	" ".....	" Pleasant " "
27	" ".....	" Queen " "
28	" ".....	" Dresden Row.
29	" ".....	" South Park Street.
30	" ".....	" Robie " "
31	" ".....	" Henry " "
32	Bishop ".....	" Lower Water " "
33	" ".....	" Hollis " "
34	Dundonald Street.....	At north end of street.
35	Rottenburg ".....	At corner of Birmingham " "
36	Brenton ".....	" Brenton Place.
37	Spring Garden Road.....	" South Park Street.
38	" ".....	" Summer " "
39	" ".....	" Carleton " "
40	" ".....	" Robie " "
41	Coburg Road.....	" Seymour " "
42	" ".....	" Oxford " "
43	" ".....	Between Oxford Street and Arm.

## NUMBER AND LOCATION OF STREET LIGHTS.—(Continued.)

No.	STREET.	LOCATION.
44	Spring Garden Road	At corner of Pleasant Street.
45	" "	" " Queen "
46	" "	" " Dresden Row.
47	Hastings Street	" " Doyle Street.
48	Salter "	" " Lower Water Street.
49	" "	" " Hollis "
50	Blowers "	" " Granville "
51	" "	" " Grafton "
52	Queen "	" " Artillery Place.
53	Annandale "	" " Dresden Row.
54	Barrington "	" " Sackville Street.
55	Sackville "	At corner of Lower Water Street.
56	" "	" " Granville "
57	" "	" " Argyle "
58	" "	" " Albemarle "
59	" "	" " Dresden Row.
60	" "	" " South Park Street.
61	" "	" " Summer "
62	Bedford Row	Between Sackville Street and Prince Street.
63	Prince Street	At corner of Hollis "
64	" "	" " Barrington Street.
65	" "	" " Grafton "
66	" "	" " Brunswick "
67	Renforth "	At Sugar Refinery.
68	George "	At corner of Lower Water Street.
69	Bedford Row	" " Cheapside.
70	George Street	At corner of Granville Street.
71	" "	" " Argyle "
72	" "	" " Albemarle "
73	Duke "	" " Hollis "
74	" "	" " Barrington "
75	" "	" " Grafton "
76	" "	" " Brunswick "
77	Lower Water Street	At Ordnance Wharf.
78	Buckingham "	At corner of Granville Street.
79	" "	" " Argyle "
80	" "	" " Albemarle "
81	Jacob "	" " Barrington "
82	" "	" " Grafton "
83	" "	" " Brunswick "
84	Cogswell "	" " Gottingen "
85	" "	" " Maynard "
86	" "	" " North Park "
87	Bell Road	Opposite Summer Street
88	Jubilee Road	At corner of Robie Street.
89	" "	" " Chestnut Street.
90	" "	" " Oxford "
91	" "	Between Oxford Street and Arm.
92	Cedar Street	At corner of Walnut Street.

## NUMBER AND LOCATION OF STREET LIGHTS.—(Continued.)

No.	STREET.	LOCATION.
93	Louisburg Street	At corner of Linden Street.
94	Cogswell "	Between North Park Street and Robie St.
95	Quinpool Road	At corner of Robie Street
96	" "	" Louisburg Street.
97	" "	" Preston "
98	" "	" Oxford "
99	" "	" Elm "
100	" "	Between Pine Street and Prince Arthur St.
101	" "	Opposite Prince Arthur Street.
102	" "	On Curve opposite Flynn's.
103	" "	At corner of Chebucto Road.
104	Dutch Village Road	North of Chebucto Road.
105	Upper Water Street	Between Hurd's Street and Jacob Street.
106	Hurd "	At corner of Barrington Street.
107	" "	" Starr "
108	Upper Water "	" Proctor "
109	Proctor "	" Barrington "
110	Brunswick "	" Proctor "
111	Maitland "	" Brunswick Lane.
112	Gottingen "	" Falkland Street.
113	Falkland "	" Creighton "
114	" "	" Bauer "
115	Upper Water "	Between Proctor Street and Cornwallis St.
116	Cornwallis "	At corner of Upper Water Street.
117	" "	" Lockman "
118	" "	" Brunswick "
119	" "	" Maitland "
120	Gottingen "	" Cunard "
121	Cornwallis "	" Maynard "
122	Upper Water "	Between Cornwallis Street and Gray Street.
123	Lockman "	" " "
124	Brunswick "	" " " Gerrish Street.
125	Maitland "	At corner of Prince William Street.
126	Cunard "	" Creighton "
127	" "	" Maynard "
128	" "	" North Park "
129	" "	" Chestnut Place.
130	Robie "	" Compton Avenue.
131	Windsor "	" Allen Street.
132	Oak "	" Beech "
133	Upper Water "	" Gray Street.
134	" "	Between Gerrish Street and Artz Street.
135	Gerrish "	At corner of Lockman Street.
136	" "	" Brunswick "
137	" "	" Gottingen "
138	" "	" Creighton "
139	Sarah "	" Moren "
140	Agricola "	" West "
141	West "	" North George Street.

## NUMBER AND LOCATION OF STREET LIGHTS.—(Continued.)

No.	STREET.	LOCATION.
142	John Street.....	Between West Street and Charles Street.
143	Windsor Street.....	At corner of Cunard Street.
144	Upper Water Street.....	“ Artz “
145	Artz “.....	“ Lockman “
146	“ “.....	“ Brunswick Street.
147	Gottingen “.....	Between Gerrish Street and North Street.
148	Creighton “.....	“ “ “
149	Maynard “.....	At corner of William Street.
150	Agricola “.....	“ Charles “
151	Robie “.....	“ “ “
152	North “.....	“ Water “
153	“ “.....	“ Lockman “
154	“ “.....	“ Brunswick “
155	“ “.....	“ Gottingen “
156	“ “.....	“ Maynard “
157	“ “.....	“ Kempt Road.
158	“ “.....	“ Windsor Street.
159	“ “.....	“ Oxford “
160	Chebucto Road.....	“ Pine “
161	“ “.....	Opposite Industrial School.
162	“ “.....	At corner of Mumford Road.
163	Upper Water Street.....	Between North Street and Campbell Road.
164	Gottingen “.....	At corner of Black Street.
165	Agricola “.....	“ May “
166	Campbell Road.....	“ Upper Water Street.
167	Gottingen Street.....	“ Bloomfield “
168	Agricola “.....	“ Almon “
169	Kempt Road.....	“ Bloomfield “
170	Windsor Street.....	“ Almon “
171	Campbell Road.....	“ Russell “
172	Russell Street.....	Opposite Albert Street.
173	Gottingen Street.....	At corner of Bilby Street.
174	“ “.....	“ Young “ (West).
175	Kempt Road.....	“ Macara “
176	Windsor Street.....	“ Liverpool Street.
177	Campbell Road.....	“ Young “
178	Young Street.....	“ Union “
179	Hanover Street.....	“ Campbell Road.
180	Gottingen “.....	Opposite Fort Needham.
181	Campbell Road.....	Between Ross Street and Kenny Street.
182	“ “.....	At corner of Roome Street.
183	Roome Street.....	“ Acadia “
184	Gottingen Street.....	“ Mulgrave Street.
185	“ “.....	“ Duffus “
186	Campbell Road.....	South of Round House.
187	Inglis Street.....	At corner of South Park Street.
188	Tower Road.....	“ Victoria Road.
189	Fenwick Street.....	“ Lucknow Street.
190	Tower Road.....	Between South Street and Morris Street.