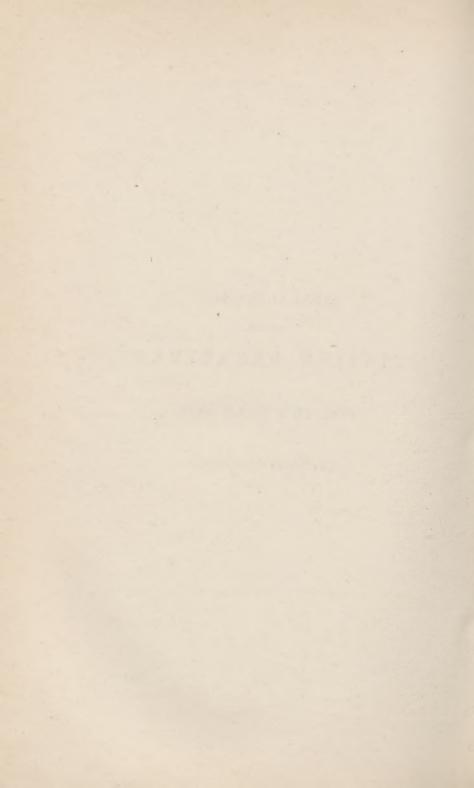
#### ANNUAL REPORT

OF THE

# PRINTING DEPARTMENT,

FOR THE YEAR 1900.

[DOCUMENT 30 — 1901.]



OFFICE OF THE SUPERINTENDENT OF PRINTING, BOSTON, MASS., March 5, 1901.

HON. THOMAS N. HART,

Mayor of the City of Boston:

SIR,—In accordance with the requirements of chapter 3, section 24, of the Revised Ordinances of 1898, and the Order of the City Council of January 7, 1901, I herewith respectfully submit a detailed report of the business of the Printing Department of the City of Boston for the financial year beginning on February 1, 1900, and ending on January 31, 1901.

The rooms now occupied by the Department, 152 Purchase street, are well appointed for carrying on the business, and were taken possession of, finally, after several weeks' time having been consumed in the moving, in January, 1900. The Department, from the establishment of a municipal printing office, had occupied rooms in the building 611 Washington street.

The total expense of moving from the old quarters to the new, including alterations and fittings necessary to the requirements of a modern, first-class printing office, amounted to \$5,313.43. Of that amount, \$275 was taken from the appropriation of the previous year. The balance, \$5,038.43, was paid from the appropriation of 1900

The quarters of the Department, containing 14,000 square feet of floor space, are leased by the City for a term of six years, beginning on January 1, 1900, and ending on December 31, 1906. The rent is \$4,200 per year, including heat, power, and elevator service.

The number of persons employed in this Department varies at different seasons of the year, according to the amount of work in hand. On February 1, 1901, the number of employees was: Composing-room, 75; pressroom, 30; proof-room, 8; office, 8; Superintendent, Assistant Superintendent, and Purchasing Agent, aggregating 124 persons, which may be considered an average force of the year.

Good salaries are paid, and the customs of the several unions affiliated with the Allied Printing Trades are observed

On June 12, 1900, the management of the Department came under my supervision, and from July 1, 1900, to January 31, 1901, the total receipts and expenses have been as follows (see Report of Harvey S. Chase, Special Examiner, dated February 23, 1901, hereto appended):

Total Receipts (seven months)			\$107,721 11
Total Expenditures (including depreciation)		•	103.452 47
Surplus from operation (seven months)			4,268 64
Surplus from operation (seven monums)			4.200

Beginning with September of last year, a new pricelist was put into effect, to comply more closely with the conditions under which the office was then working. The price-list was first submitted for revision to experts in the respective branches of the printing trade. Previous to that time, charges were made substantially on the basis of the old contract system, when the City printing was done by a private concern working ten hours per day.

Private concerns are now working under a nine-hour day, with an advanced wage scale. Therefore, it is reasonable to presume that the City would have advanced the price for printing, had it continued to be done by a private concern.

The old contract system established years ago, which applied to the different grades of work at that time, is obsolete. The present price-list, which shows a variation in prices (some higher and some lower) has proved more equitable and satisfactory.

When the old contract was made, ten hours constituted a day's work. The Department is now working under an eight-hour law, with the additional expense of the half holiday on Saturdays (six months in the year) and all legal and special holidays, for all of which the

men are paid.

Against private concerns averaging perhaps nine hours per day, or 2,808 hours per year (holidays not paid for), at the average rate of \$16.50 per week, or 303 cents per hour, the Municipal Printing Department, Working eight hours per day, Saturdays until 12 o'clock for six months, until 5 o'clock the other six months, 305 Working days, or 2,392 hours, at \$16.50 per week, would pay 36 cents per hour; add eight holidays, that the employees are paid for, \$23.04 each, making 37 cents per hour for the year. As labor is by far the largest item of cost involved in the printing business, it will be seen that the Municipal Printing Department, owing to the fewer number of hours worked therein, is practically paying twenty per cent. more for wages.

With the exception of about seven weeks, this Department was run on a nine-hour basis during the previous year. Compared with the hours now worked in the Department, which is one hour less a day than those worked the previous year, to which must also be added a half-holiday on Saturdays for three extra months, making in all a half-holiday for six months of the year on Saturdays, there appears an increase in the pay-roll of \$13,027.76.

Even with the changed conditions of the printing business, under the price-list now in operation in this Department, the old contract price is adhered to on some of the largest work; for instance, the Voting and Assessors' Lists, both of which have gradually developed to vast proportions. These jobs would tax the capacity of the largest printing establishments in the City, considering of sidering the short time allotted for the completion of the work. With the kind and courteous co-operation of the Assessing and Election Departments, the important Work of printing the Assessors' List and Voting List was consummated very successfully last year.

This Department is now equipped and systematized to do the City's printing with speed, accuracy, and quality of workmanship second to no printing establishment in the country.

Practically the entire Plant of the Department as

originally purchased has been sold or laid aside, and the Plant at present consists of new presses, with the latest and necessary improvements. During the four years of its operation, over \$19,000 has been expended for type, rules, galleys, etc.

Considering the great volume of printing done for the City, few complaints have reached this office, while many letters of commendation on the promptness and

accuracy of the work have been received.

I must respectfully suggest to patrons of this Department that a careful revision of copy before reaching the printer would avoid what offtimes appears to be an excessive charge for work when completed. corrections" are always items of considerable expense. To take a job, after it has first been placed in type, and change the construction, the phraseology, the ruling, etc., makes a new job of it, and the brunt of its extra cost must be placed somewhere. Holding back proofs is another unprovided-for item of expense to this Department. If the different Departments were to return their proofs promptly, many items of cost would be saved. Keeping type standing from week to week delays the progress of other work and increases the bills for extra material. In justice to this Department it may be necessary to charge for standing type, after holding a reasonable time, as is customary in private

Believing that the only way to carry on the Department to a successful issue is to conduct it on purely business principles, and have it conform to the rules governing a private competitive concern, the management has been resolved to handle it on that line. This resolution requires all the strengthening that can possibly be given it, for if employment for other reasons than proficiency and skill are to be encouraged and permitted, then, certainly, we may look for the deterioration of the force to whose hands good work is to be entrusted; the City's interest in good printing, at moderate cost, will pass away, and municipal ownership will receive a very considerable set-back.

And this would be much regretted, for this office, in its present excellent condition, ought to be able not only to meet its running expenses, but, as the examiner states, should also be able to make a profit from its earnings sufficient to cover the interest upon its capital of \$50,000, and an amount of surplus or reserve equiva-

lent to payment into a sinking-fund to redeem the original expenditure by the City for its establishment. This, I feel confident, can be done when the Department is conducted as a private concern is conducted, and when the tenure of office of those in its employ depends only on their ability and attention to business.

The printing business is a technical trade, with accumulated and increasing technique, and requires constant study and watchfulness to keep pace with the onward march, and those who expect to make a livelihood thereby must keep themselves prepared and be abreast of the modern improvements and requirements, or else be thrown out as drones from the busy hive of active business.

In conclusion, I urge that all undue influences be withheld from the Municipal Printing Department, so that it may be conducted without hindrance on a business basis, according to the Revised Ordinances.

# SUMMARY OF RECEIPTS AND EXPENDITURES.

1.	Rec	eipts	Du	ring	the ]	Teur.	
From City Departs	mante						
For Documents (c)	harce	0+ Fo					\$125,214 40
For rebates on hea	ting	at to .	app	ropri	ation)		25,675 7
From increase of si	tock	on ha	n d				36 50
1400 01 61	OUL	on na	na				3,046 08
Total .							
							\$153,972 70
2. E.	xpene	diture	8 I	urin	g the	You	
Pay rolls (including	or and				0	2 000	
Paper stock, etc.	g sara	aries)					\$94,105 66
Binding, ruling, etc							21,492 54
Engraving, electros.	oto						22,547 03
Outside printing	, etc.						$2,965 \ 11$
Stationery							546 78
Rent		•	•		•		304 12
Rollers, supplies, et	e.	•	•	•			4,200 00
Ink		•		•			758 24
Lighting .	•	•	•				1,068 88
Telephone		•	٠	•	•		457 94
Oil .		•	•	•		•	262 98
Water	•	•	•			•	116 58
Repairs, ordinary	•	•	•		•		137 47
Repairs, extraordina	ry	•	•			٠	883 74
Electric construction	- J	•	•			•	562 49 181 32
Time clock		•	•	•	•		$   \begin{array}{r}     181 & 32 \\     16 & 45   \end{array} $
Car tickets		•	: -	•			301 00
Teaming .		•	•	•	•	•	331 39
Cleaning office, towe	ls. etc	e.	•	•		•	$\frac{331}{234} \frac{36}{82}$
riessengers			•	•	•	•	4 00
Miscellaneous			•	٠	•		380 25
moving and storing of	ngin	e	•	•			125 50
rules and Orders						•	570 00
Moving expenses					•	*	272 79
Rebates					•	*	182 48
							102
2 1 4							\$153,009 56
Purchase of postage					12.		10,510 55
(1)							
Carried forward	,						\$163,520 11

Brought forward		\$163,520 11
Deduct the amount charged to appropriation	ons,	6,500 00
Total operating expenses		\$157,020 11
Preclation on Plant @ 10%.		4,961 66
Rod " Construction % @ 20%.	- 2	1,062 68
Bad accounts of previous years charged off	4.	468 20
Total expenses		\$163,512 65
Total receipts		153,972 70
3. Loss for year on operation		\$9,539 95
Appropriations.		
Appropriations for year		\$45,400 00
Charges to Appropriation:		
	77	
For general expense 6,500	00	32,175 77
		52,110 11
Surplus from appropriations Deduct loss from appropriation		\$13,224 23
beduct loss from operation		9,539 95
Net surplus s		AD CO4 DO
Net surplus from appropriations		\$3,684 28
1897_8:		
John Cashman \$30,000	00	
JPe, etc 10,318	6 62	*
Naie 187	50	
Type	5 35	
	_	
Deduct \$41,347	7 08	
Deduct presses \$1,500 00		
Deulet material		
sold 125 00		
1,628	5 00	
Jan. 31, 1898 1898_9.		*00 W00 00
1898-9:		\$39,722 08
Presson	00	
* Y D C. C L C C C C C C C C C C C C C C C C		
Office furniture . 2,296	50	
Carried forward \$5,97	7 49	\$39,722 08

B	rought forward			\$5,977	49	\$39,722	08
J.	Presses			4,400	0.0	, , , , , , , , , , , , , , , , , , ,	
.]	Гуре .			286	48		
				\$10,000	0=		
1	Deduct presses so	ld		\$10,663 $1,700$			
	races po			1,700	00	8,963	97
						0,900	_
Jan. 31	1, 1899. Total.					\$48,686	05
1899_1	900:					<i>\$\frac{1}{2}\frac{1}{</i>	
7	Presses			\$7,755			
1	'ype . " (Jan.)			2,106			
0	office furniture .			43			
	. How furthfulle .			371	00		
				\$10,276	10		
D	educt presses			\$10,410	10		
	sold	\$750	00				
A	nd material						
	sold	27	75				
				777	75		
					_	9,498	43
Jan. 31	1900. Total.						10
1900-19	901:					\$58,184	10
Ty	vpe, presses, etc.					4,598	26
Of	fice furniture %					250	15
						250	_
Jan. 31,	1901. Total ce	ost of.	Pla	nt (4 years	),	\$63,034 2	29
					,		-1
	5.	Value	e of	Plant.			
	(Den			ken out.)			
1898:	(Dept	ceauto	n ou	ken out.)			
Jan 21	Cost as above			Value.		Depreciation.	
oun. 01.	Logg donne	indian		\$39,722 (	8		
	Less deprec	lation	at	9.070.0	4	20 070 2	1
	-0/0 .	•		3,972 2	1	\$3,972 2	
Jan. 31.	Value at date			\$35,749 8	7		
1899:				\$30,110 O	•		
Jan. 31.	Additions for	year	as				
	above (net)			8,963 9	7		
					_		
	Logg down.			<b>\$44,713</b> 8	4		
	Less depreci	ation	at			4=1 38	3
	10% .	•		4,471 3	8	4,471 38	
Jan. 31.	Value at date	11		\$40,242 40	- g		
		1.5		ΨΨU, ΔΨΖ 41	J		
Carr	ried forward			\$40,242 46	3	\$8,443 59	

	PRINTING DEPA	ARTMENT			9
$\frac{Brov}{1900}$	ight forward	\$40,242	<b>4</b> 6	\$8,443 5	9
Jan. 31.	Additions for year (net),	9,498	43		
	Toss domination of	\$49,740	89		
	Less depreciation at 10%.	4,974	0.9	4,974 0	9
Jan. 31. 1901:		\$44,766	80		
Jan. 31.	Additions for year .	4,849	81		
	Logo depunciation at	\$49,616	61		
	Less depreciation at 10%	4,961	66	4,961 6	6
	Total depreciation (four years)			\$18,379 3	4
	Present value of Plant,	\$44,654	95		
	Total cost of Plant . Total depreciation .	: :		\$63,034 2 18,379 3	

Present value of Plant (as above)

\$44,654 95

# FINANCIAL STATEMENT.

The following is a statement of the appropriations and revenue received from printing, postage, etc.; also expenditures, paid to January 31, 1901:

CREDITS OF PRINTING DEPARTMENT COLLECTED RUARY 1, 1900, to JANUARY 31, 1901.	FROM	FEB-
Balance January 31, 1900.		10 26

Balance January 31, 1900.			\$6,403	26
Appropriation .	•			
Revenue from printing	7 77 7		45,400	
Revenue from printing, uncollected	1 Feb.	1,1900	20,152	25
			,	

258 45

6 51

\$71,955 61

230 78

Printing done at Plant, as follows:	
Assessing Department	\$19 190 OT
Auditing Department	\$12,130 97 731 19
Abolishing Grade Crossings	
Building Department	63 43
Board of Annual	1,685 56
Board of Aldermen, Contingent	4 60
Fund Contingent	9.500.00
Bath Department	3,760 68
Collecting Department	311 76
City Clerk Department	1,661 56
City Messenger Department	322 05
Clerk of Committees Department	1,161 89
City Council, Incidental Expenses	230 90
City Council Proceedings .	120 69
Cemetery Department	2,691 81
	478 29
Common Conneil Carting Transcription	570 28
Common Council, Contingent Fund . Election Department	436 82
Engineering Department	18,604 70
Engineering Department . Fire Department	477 89
Branklin E. J	1,057 $55$
Health Domant	41 65
Health Department .	4,512 97
Hospital Department	3,092 49
Institutions:	

Carried forward . . . \$54,645 47

Pauper Institutions Trustees —
Boston Almshouse and Hospital,
Long Island

Charlestown Almshouse

Office Expenses .

Brought forward Penal Institutions Trus				\$51 B15	47	<b>\$71.055</b>	61
Penal Institutions Tours	4000			204,040	#1	\$11,500	01
House of C	tees -						
The of Correction.	SOUL	h Bo	S-				
ton Deer Island Office F			-	60	43		
Deer Island				63	41		
Office Expenses .				152	41		
Truck.							
Trustees for Children —	_						
House of Reformation	n R I	r.		42	92		
Placing Out and Office	e Evi	aense	d	206			
					50		
Boston Insane Hospital	Turn	+000		184			
Institutions D	Trus	stees	•				
Lamp Department	n		٠	852			
Lamp Department Law Department Law Incidentals Library Department Laving-Outand Construction			•	156		1.	
Law Incident				209			
Lilandentals				45	42		
Larin Department .				688	80		
Laving-Out and Constructi	ion of	High	h -				
Ways .				291	38		
Ways Market Department Maror's Department			Ť		98		
Maror's Department	•	•	•	289			
Ousic Department			•	67			
Mayor's Department Music Department Overseeing of the Poor Park Department	•						
Park Department	•			301			
				863			
Police Department				103			
Police S:			٠	3,784	93		
Public Buildings  Electrical Construction  Posice Department  Public Celebrations  Public Buildings  Electrical Construction				434	36		
House License .				282	39		
Public Cor Detention				149	13		
Public Celebrations .				94	52		
Flandlings				612	27		
Electrical Construction	Divis	sion		59			
Pale Division	121 711	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•		65		
Repairs Division Public Grounds Registry Department Statistics Department Soldiers' Relief			•		43		
Stegistry Department	•	*		5,702			
Statistics Department	•		٠				
Relief Relief			•	1,566			
Schools				84			
School-house				4,999			
Schools School-house Agent Sinking Fund Sealing of Weights and M				83	31		
Sealing of Weights and M Street Laying-Out Depart				234	25		
Street Laying-Out Depart Street Laying-Out Sewer	Ieasu	res		245	30		
- CEAT	TILOTIE			272	78		
Street Saying-Out, Sewer	Asses	smen	t.	25			
Street Sewerage Works Stony Brook Improvemen			,	416	76		
Stony Brook Improvemen Street Department	t			39			
Street Department:			•	00	00		
Central Off							
Central Office Paving Division				293	23		
S Division				3,817	52		
Cami							
Carried forward				\$82,543	49	\$71,955	61
				,		,	

Brought forward .		\$82,543 49	\$71,955	61
Bridge Division		459 37		
Sanitary Division		1,365 60		
Street Cleaning Division .	٠,	842 75		
Watering Division		662 79		
Ferry Division		1,044 05		
Cambridge Bridge		112 82		
Sewer Division		4,271 14		
Treasury Department		464 53		
Wire Department		648 70		
Wayfarers' Lodge	·	24 78		
•	Ť	21,0		
Water Department:				
_ ^				
Income Division		2,046 86		
		796 96		
Commissioner's Office .		559 55		
County of Suffolk:				
Superior Civil Court		6,271 30		
Superior Criminal Court .		957 94		
Superior Court		3 70		
Treasurer		72 89		
Registry of Deeds		551 85		
Court of Registration		166 17		
Probate Court		72 17		
Jail		5 20		
North District Medical Examiner		75 23		
Municipal Court, Charlestown		87 47		
Brighton		89 00		
West Roxbury		84 32		
C d T		57 83		2
			104,338	16
Revenue outside of City Department	s:		,	
Printing		\$91 33		
Old material, type, and machinery		827 49		
Steam-power	,	50 00		
			968 8	32
				_
Total			\$177,262 8	9

Expenditures of Printing Department Paid from February 1, 1900, to January 31, 1901.

## Printing Plant.

Account

Page 13 Accounts unpaid January 31, 1900		\$12,722 65
ay Roll:		\$12,122 00
February #5 200 70		
A - 11		
allino /		
Inla 8,239 28		
July 8,239 28 August 8,790 17 Sentond 10,264 44		
10,264 44		
- CUIDAP		
0 449 09		
C CAO OF		
oanuary e ozi ze		
Extra overtime		
	#00 0E0 11	
Binding, ruling, numbering, and perforation 210,067, 21	\$92,378 11	
ing and number-		
Stock Perforating . \$19,007 51		
Type 13,547 63 4.491 83		
Rent 4,491 83		
Sun 3,500 00		
Electro engraving, etc., 2,132 29 Press-room sumplies etc., 1,047 12		
Press-room supplies, etc., 2,113 72 Stationery etc., 1,947 12		
Stationery, etc., 1,947 12 Steam-nows-		
one fower and light-		
WINIGO		
Moving over 403 37		
110 or 400 01		
Moving expenses . 403 37 Office furnitum		
Postage . 250 95		
96 20		
Drafts for postage, supplied to all Departments	49,896 56	
Deposit Postage, supplied to all		
Departments .	11,000 00	
		153,274 67
rn .		
Rala Total		\$165,997 32
Balance unexpended January 31, 1901		11,265 57
1 1001		11,200 01
		\$177,262 89

City	Documents, etc., Charged to the Printing	Innvanciation.
No. of Copies	Doc.	-ppropression
3,500		20
2,500		\$3,135 28
2,000	43, Municipal Register Revised Ordinances 1898	2,255 $45$
,	Auditor's Monthly Exhibit, 12 lots	1,772 56
900	38, Annual Report, Street Department	1,748 67
900	41, Annual Report, Water Commissioners,	1,472 76
900	17 Annual Report Hamital D	1,102 18
1,525		952 47
900		794 85
	ment .	736 72
	Collector's Monthly Reports, 11 lots	653 07
	Council Calendars, 38 lots	447 48
900	10, Annual Report, Health Department	633 87
900	23, Annual Report, Library Department	585 37
900	Allillal Kebort Cemetery Dopoutry and	346 11
900	o, Leport of Building Department	307 57
1,900	ov, Report of Frinting Department	279 96
900	21, Annual Report, Park Department	277 45
900	13, Annual Report, Election Department	274 59
	Ulty Treasurer's Monthly Statements	2/4
	11 lots	262 01
900	29, Annual Report, Penal Institutions	202 02
	Department	260 72
900	40, Annual Report of the Treasury	200
	40, Annual Report of the Treasury Department	249 62
900	o, Allium Report of the Children's	210
	Institutions Department	242 58
0.00	Order of Business, Aldermen 37 lots	234 37
900	12, Annual Report, Collecting Department	192 84
900	42, Annual Report, Wire Department	158 54
900	3, Annual Report, Assessing Department	149 71
900	20, Annual Report, Pauper Institutions	
0.00	Department 39, Annual Report, Street Laying-out De-	134 77
900	39, Annual Report, Street Laving-out De-	
000	partment.	104 83
900	partment .  31, Annual Report, Public Buildings De-	
000	partitions.	103 61
900	18, Annual Report, Boston Insane Hos-	
900	pital	92 23
	33, Annual Report, Registry Department,	85 12
000	-1, Allinal Report, Lamn Department	77 95
300	-v, Annual Report. Overseeing of Doon	-0
	Department.	76 50
900	Alliual Kenort Law Deportment	73 25
300	- ) Indual Report, Institutiona Domistus	- 50
	tion Department	63 72
Ora		-20.78
- Ca	rried forward	\$20,338 78

D .	
Brought forward	. \$20,338 78
Copies. No.	*
900 15 Appeal D Et . D	F7 40
900 15, Annual Report, Fire Department	57 43
900 37, Annual Report, Statistics Department	t, 55 82
32, Annual Report, Public Grounds De	-
900 35 A partment.	. 52 08
Annual Report, Sinking-Funds Depart	-
goo ment	. 29 30
ooo - Annual Keport, Bath Department	. 22 05
Annual Report, Music Commissioners	. 19 67
34, Annual Report, Sealing Weights and	d
900 Measures Department	. 17 85
10, Annual Report, City Messenger De	_
	. 11 40
	8 20
900 11, Annual Report, Clerk of Committee	. 0 20
Domaittee	8
900 36 Appel P	. 4 61
36, Annual Report, Soldiers' Relief De	
900 partment	. 4 21
Binding coa Manual Report, Art Department.	. 3 00
Dind: 5 Documents .	. 1,207 50
Binding 800 Executive Documents City Documents 600 each	. 1,014 00
Clark a cost of the cost of th	. 1,620 86
Clerk of Common Council	. 52 39
Posts Office	. 951 47
age, Printing Office	. 205 15
Printing Office	
	\$25,675 77
Clerk of Common Council:	<b>\$20,010</b> 11
Principle Council:	
- 111 [Tho	\$52 39
	8 50
Binding records Stock	5 00
Stock Stock	7 00
	<del>\$72</del> 89
	Φ14 O9
m.	
The following is a statement of the expending Council—City Council Proceedings:	tures for City
Council City Council Proceedings:	onless for City
Newspapon	
Fairer reports from February 1, 1899, to	)
	\$8,500 00
Printic reports	5,100 00
Alldoni	2,691 81
Binding Proceedings	. 1,200 00
Station	312 50
Binding Proceedings Stationery	3 95
	\$17,808 26
	Ψ11,000 Z0

Printing and Stationery Expenditures.

Stationery, printing, binding, etc., supplied to the different Departments of the City Government, and paid for by same, outside of the City of Boston Printing Plant

\$40,919 30

Respectfully submitted,

Michael T. Monahan,

Superintendent of Printing.

#### REPORT

TO THE

#### MAYOR OF THE CITY OF BOSTON

UPON THE

# ${\tt B00KS}$ and accounts of the printing department

BY

HARVEY S. CHASE,

PUBLIC ACCOUNTANT AND AUDITOR,

8 Congress St., Boston.

#### REPORT.

8 Congress Street, Boston, February 23, 1901.

Hon. Thos. N. Hart,

Mayor of the City of Boston:

Sir, In accordance with the instructions of James H. Dodge, Esq., City Auditor, I have audited the books and accounts of the Printing Department of the City of Boston, and report as follows:

The Department's printing plant was established March 1, 1897, and has therefore been carried on for four years (nearly).

In connection with a careful audit of the past year in every detail, I have examined the published reports of the Department for the three years previous.

The results of each of the first two years were carefully audited in an excellent manner by a well-known accountant, and I accepted the details of the figures given in those years as correct, while rearranging the tabulations of these figures somewhat in order to get comparative results for all four years.

The report for the third year (1899–1900) was, however, not examined by an expert before publication, and I find certain errors therein. For instance, the report of last year showed a net gain for the year of \$2,127.97, including an item of stock of materials on hand at the end of the year, which was properly credited in the accounts, but the stock at the beginning of the Year was not charged against the accounts, as should have been done, and when this correction is entered the supposed profit of \$2,127.97 is changed into a deficit of \$2,248.04.

Further, I find that while a special appropriation of \$2,000 was made that year for moving expenses, only \$275 was actually paid on moving account, which, as the total expense of removing and and setting up the plant was given as \$5,313.43, left \$5,038.43

additional to be paid in the fourth year (1900–1901).

If this be added to the item above (\$2,248.04), the deficit for 1899\_1900 becomes \$7,286.47.

#### FORM OF DEPARTMENT REPORT.

Finding these differences between the facts and the published figures, and, moreover, noting the great difficulty of interpreting the present form of report—which, while displaying excellently the details for comparison with the City Auditor's accounts (which is, of course, necessary and proper) does not contain a clear and comprehensive summary of the year's results, which is the thing most important for a report of this character to show, in order that members of the City Government and the taxpayers may readily understand the figures and be able to draw correct deductions from them -I have, therefore, considerably changed the form of the report, and have introduced -

First: A statement of the total receipts for the year from all sources, in summary form.

Second: A statement of the total expenditures for the year, in similar form.

Third: The net gain or net loss for the year in detail, show ing (a) what portion is derived from the operation of the printing plant; (b) what portion is derived from the ordinary appropriation for the Department; and (c) what portion is derived from special appropriations for new plant or other purpose.

Fourth: A statement of the cost of the plant to date, together with the charges which have been made on account of depreciation (at the rate previously adopted, viz.: 10% upon cost), giving

Fifth:The present structural value, of the plant per the books.

From the above I deduce

Sixth: The actual gain or loss to the City on account of the Printing Department, to the date of the report in question.

Seventh: The "Balance Sheet" of January 31, showing the total assets and liabilities of the Department on that date.

Following these statements comes the detailed "Financial Statement," corresponding with the Auditor's account receipts and disbursements, and any other tabulations which may be required by ordinance or are customary and useful.

Having arranged this form for one year, I then rearranged the figures of the preceding years in similar form, and tabulated the whole of them as given in appendices attached hereto.

#### RESULTS.

The results of these tabulations are as follows:

#### 1897\_98

	0.
Total receipts from the business.  Total expenses (excluding plant, but including depreciation)	
out including depreciation)	132,716 87
Deficit or loss (first year) .	· ·
Carried forward .	95 115 21

I RINTING DEPAR.	INIEN L.			41
Brought forward			\$5,115	21
1898–99.				
Total receipts Total or	\$147,484	48		
Total expenses	144,655			
Gain (second year)			2,829	92
Net loss (two years)		- 8	32,285	98
Total 1899–1900.				
Total receipts Total are	\$137,451			
Total expenses	140,973	23		
Deficit or loss (third year)		_	3,522	17
Total loss for three years		. 8	\$5,808	15
4000 4004				
10tal no	\$153,972	70		
Total expenses	170,012	65:		
		-		
Deficit (fourth year)		. 1	6,039	95
Total loss for four years		\$2	1,848	10
FIXED EXPENSE	es.			
even if there were no printing plant, the viously been obliged to appropriate refer the printing, to receive bids, etc., for the printing, and also carry on the a part of the printing).  The expense of this work—Superistationery, expense, etc.—would figure probably, and if allowance of this among years above (viz.: charge \$26,000 to instead of expense account) the results as follows:  Total receipts for the four years  Total expenses  Deduct for fixed expenses (as explained above)	money for from pripostage of tendent reabout out is many	r a Sup wate co departm 's salar; \$6,500 ade for riations period \$56	erinter entracto ent (no y, cler) per year the fo	ks, ar, our int
Also item	\$562,358 1,330	11	1,027	89
(Which is the balance of various items entered twice, rections in the first three years' accounts.)	, and other o	cor-		
Apparent profit from operation for fo	ur years	. 8	5,482	01

## CAPITAL INVESTED BY THE CITY IN THE PLANT.

I have divided the appropriations made during these four years into two kinds, viz.: (a) "Capital appropriations," which consist of the \$40,000 originally appropriated to purchase the Plant in 1897, and \$10,000 appropriated for Working Capital in 1899; total of \$50,000 which would correspond to the capital account of a private concern; and (b) Ordinary appropriations for expenses, etc.

This "Capital Appropriation" may be considered as loaned by the City to the Printing Plant, and the latter should earn interest thereon (enough to pay at least the rate the City has to pay on its bonds), and also should earn enough additional to create a sinking-fund, which would pay off the loaned capital

in a reasonable number of years (say twenty).

If we figure this interest charge on \$50,000 as 4 per cent. per year, the total for four years would	
be	\$8,000 00
And if the payment to sinking-fund be taken at \$1,500 per year, the total for four years would be,	6,000 00
Making a total to be deducted from the apparent profits from operation	\$14,000 00 5,482 01
We have as a practical deficit upon the operation of the Plant for four years	\$8,517 99
Or a net loss of \$2,129.50 per year.	

#### BALANCE SHEET.

#### January 31, 1901.

Assets			Liabiliti	es.
Plant. Construction account Stock on hand Cash on hand Old accounts receivable. Balance, City Treasurer Due from Departments	12,569 958	07 64 85 58	Capital account . Accounts not yet paid Pay-roll not paid, Surplus to balance	14,102 54 1,727 55 27,671 18
	\$93,501	27		\$93,501 27

The "Surplus" above (\$27,671.18) as shown by the books, if diminished by the \$14,000 for interest and sinking-fund (described on previous page) would then become \$13,671.18 and this amount has been derived from the ordinary appropriations of the past year, which were \$45,400 as against the usual appropriation of from \$28,000 to \$30,000 per year (in previous years).

#### ORDINARY APPROPRIATIONS.

Ondinant Introductions.		
The total ordinary appropriations in the four years were total charges against them for public documents (\$87,272.54) and fixed expenses (\$26,000)	\$100,TO1	71
should be	113,272	54
Leaving a balance	\$22,189	17
Deducting the loss from operation (previous page)		
Gives us the surplus (as above)	\$13,671	18

The establishment of the above figures, which mutually prove the correctness of the results, was only brought about by a prolonged investigation, and complicated tabulation of the book accounts for all four years, as it has been the custom of the bookkeepers at the beginning of each year (February 1), ent assets and liabilities which were properly reconciled with City Auditor's balance of January 31, but which also conthat date) reached the Auditor's office, and these were not year. Partly from this cause arises the item of \$1,330.11 entered above.

Hereafter the accounting in the Department's books will be continuous, and the balance sheet of the new year will be identical with the closing of the old year.

#### BOOKKEEPING.

The general details of the bookkeeping have been satisfactorily carried on, the books have been neatly and accurately kept and reflect much credit upon the bookkeepers, so far as their appearance is concerned.

The lack has been in the failure to lay out suitable new accounts to keep up with the facts of the business and the form of the Department's reports upon the various years' work. The bookkeepers are now heartily in accord with the changes instituted and in full sympathy with the desire to make the Department's annual reports clear, concise and accurate.

#### COST COMPARED WITH CONTRACT WORK.

All of the figures so far given have been based on the prices charged by the Printing Department to the other Departments for their printing and to the appropriation account for City Documents.

It is, therefore, apparent that if the Departments have been paying more than would be charged by outside private contractors for the same work, then these apparent profits to the City may be wholly fictitious, and the fact be that a heavier loss has occurred from the operation of the Plant than has been already set forth.

On the other hand, if these prices are less than outside contractors will accept, then the City would have made greater

gains (or rather less losses) than those stated.

It is, of course, probable that the first alternative is the true one, rather than the second. Some of the reasons for such a conclusion are: Shorter hours of labor for the same, or higher wages; extra expenses for unnecessary men; difficulty of disciplining the employees and getting the work done as rapidly

and economically as in a private plant, etc.

On the other hand, it is doubtless true that a plant such as this one, with all the presses, type, rules, etc., especially designed to handle the regular work of the City, would save money (other things equal) over a private plant not so well fitted and arranged, and as the printing required by the City is now greater than ever before, and contains many half-tone illustrations, etc., which add to the cost very materially, it is quite a problem to decide whether or not it would be to the City's advantage to dispense with the Plant entirely and rely upon private contractors, as was formerly done.

Also against the expenses and losses to the City should be credited whatever benefit there has been to the various Departments by having their work done at the Municipal Plant, which might arise from quicker completion of work, due to better facilities, better quality of printing, paper, etc., and better opportunities for corrections and additions by the Departments of their original copy furnished to printer, provided, of course, that the facts agree with the above statements. So far as I have been able to determine, there is considerable difference of opinion among heads of Departments, some being satisfied with

the work and others dissatisfied. Another and more evident merit of the Municipal Plant is the direct benefit to the employees therein, whose hours of labor have been shortened, holidays granted, and wages increased. This consideration is an important one, and one to be highly commended and continued, but the good results of such a policy should, of course, be made evident in the financial results of the Plant, which can scarcely be said to have been the case by the present showing, or else in the marked improvement in the work done for the Departments over that which would be done by less fortunate workmen in private concerns.

#### Conclusions.

It is evident that the Municipal Printing Plant has not had the financial success which was anticipated when the Plant was established in 1897, and it is further evident that unless a marked improvement is made in the results, the Plant must necessarily be dispensed with and the City printing handled by

private contracts as formerly.

This would be a public misfortune, but, in my opinion, it can be avoided only by a rigid adherence to business principles in the management of the Plant, including the appointment and removal of employees. There is no doubt in my mind, after a careful examination of all the circumstances, that fifteen to twenty per cent. of the expenses of the Department would be saved if the pressure of political influence in favor of applicants for positions were wholly removed, and the Superintendent left entirely free to run his Department as a private business is carried on, appointing experienced and capable employees only, and purchasing his materials wherever they can be bought at the lowest prices.

The present management is, I believe, endeavoring to do this and has the encouragement and support of the Mayor, but the absolute necessity for greater efforts in this direction is clearly

evident from the figures submitted above. If it is decided to continue the operation of the Plant for another year the results should be watched carefully. During this time the expenses should be markedly reduced, and the charges for printing to the Departments should be made, so far as possible, upon the exact basis of outside printers' charges for the same work (without allowance for the extra labor required by shorter hours at the Plant), then the actual deficiency which the Municipal Plant causes can be correctly understood and proper action can be taken.

With the Plant run as a business solely for the benefit of the City as a whole, there is no doubt in my mind that all expenses can be paid, the cost to Departments reduced, and a profit shown by the Plant sufficient to pay the interest upon its capital and accumulate a surplus or sinking fund, sufficient to ultimately reimburse the City for the capital expenditures in

the Plant.

Such a result will require marked ability and independence in the management and due forbearance on the part of all others from interference with the business of the City's printing.

Respectfully submitted,

HARVEY S. CHASE, Public Accountant and Auditor.

#### APPENDIX.

# REPORT TO THE MAYOR

BY

# HARVEY S. CHASE, SPECIAL EXAMINER.

### (a.) Change of Administration.

On June 12, the present Superintendent, Mr. M. T. Monahan, took charge of the Department, and in order that correct inferences should be drawn, I have made a tabulation of the Receipts and Expenses of the Department for the seven months from July 1, 1900, to January 31, 1901, the results of which follow:

Receipts — Seven Months.	
Total Printing for Departments .  Total Documents printed  17 of Increase of Stock on hand (\$3,046.03)	Cr. $885,077$ $20,867$ $17$ $1,776$ $81$
Total Receipts	.07,721 11
Expenditures.	
Pay Roll	

D. D. u	DT.
Pay Roll	\$57,183 33
Stock	15,202 3
Fress Room Supplies	
	)
Power II	2,187 67
Power, Heat, and Light .	206 88
repairs.	207 76
rent	0.450.00
Miscellaneous Outside Printing	760 27
Ontsido Princia	1,129 57
	515 28
- TONING OF TONINGE PER	6,616 94
12 Of Dad Debts charged off	0,010 01
(\$480.20)	900 14
7 of Depreciation on Plant	280 14
7 of Depreciation on C	2,894 29
of Depreciation on Construction.	619 85

Carried forward . \$107,243 97

Brought forward.  Deduct 7 of General Expense, etc. (\$6,500)  Net Expense of Operation . Surplus for seven months	\$103;452 47 4,268 64 \$107,721 11
Appropriation Account	- Seven Months.
June Appropriation Charge for Documents. Charge for General Expense etc.	\$21,500 00
Harro (	\$20,867 17
Deficit to Balance	3,791 50 3,158 67
	\$24,658 67 <b>\$24,658</b> 67

These figures make a favorable showing for the present management, inasmuch as the result of operation was a gain of \$4,268.64, while as the greater part of the Documents charged to Appropriations came in the seven months (\$20,867.17 out of a total of \$25,675.77), the deficit on Appropriations Account can be reasonably explained.

## (b.) Comparisons by Percentages.

In order to get data for an impartial judgment upon the record of the Printing Department, I tabulated what percentage of the viz.

Of the Net Receipts in four years of operation		<b>\$</b> 552	,241 00
The			
The cost of Labor was about  Stock Binding, Ruling, etc.			58.7%
			11.8%
			13.5%
			3.3%
Rent and Insurance .			3.4%
" Rent and Insurance . " Depreciation			3.3%
Carried forward	٠,		94.0%

1	Broug	ht forward .				94.0%
The co	ost of	Repairs, Supplies	s, etc.		3.1%	01.0 /0
66	66 66	Office Expenses			1.3%	
**		Miscellaneous .			0.9%	/
A	ppare	ent Profits .				5.3%

For comparison I give figures of the average cost, based on the results at one of the most successful printing concerns in Boston, which, when brought down to the basis of an output of \$150,000, on a capital of \$50,000, the relative proportions of different expenses would be about as follows:

Labor, about Stock, about Ruling, Bindi Rent and Inst Depreciation	ng . arance .	. 50 % . 20 % . 11 % . 3½% . 3 %	66	output		\$75,000 30,000 16,500 5,250 4,500	00
Leaving for Expenses,	Incidenta Losses, ar	87½% Is,	66	**		131,250	00
Profits .		$12\frac{1}{2}\%$	66	46		18,750	00
		100%	66	66	. \$1	50,000	00

The comparison shows the labor cost at the Municipal Plant to be considerably higher.

The stock, ruling, binding, etc. (taken together), about the same.

Rent and depreciation about the same, while profits, after deducting repairs, office expenses, etc., are reduced in the Municipal Plant to about three-quarters of one per cent., which, of course, would be an entirely inadequate return for a private plant.

Moreover, it must be remembered that no charge for interest on the City's capital is included in the figures of expenses just given, nor is there allowance for sinking-fund (reserve or surplus account, as it would be called in a private plant), and when proper allowance is made for these items, then the "profits" of the Municipal operation disappear entirely.

#### (c.) Value of Plant.

The total cost of the Plant in the four years has been (see details in Superintendent's report). Total charges for Depreciation	\$63,034 29 18,379 34
Present value of Plant	\$44.654 95

which should be compared with the estimate made by the Superintendent for Mayor Hart's Annual Address to the City Council, January 7, 1901, of \$46,819.49, and with the figures given by the committee who reported to Mayor Quincy on June <sup>15</sup>, 1899, viz.: \$43,009.11.

It appears that the present value, as given by the books

(\$44,654.95), is conservative and sufficient.

#### (d.) " Construction Account."

This account was opened by the Examiner, in order to distribute the expense of construction at the new Plant: shafting, belting, carpenter work, etc. (amounting to \$5,313.43), over a Deriod of five years instead of charging it all off in one year, which would be manifestly unfair to that year.

By the method adopted, one-fifth (20%) will be charged off each year, and at the expiration of the present lease the total

will have been wiped out.

# MUNICIPAL PRINTING DEPARTMENT - RECEIPTS.

1899-0. 1900-1. TOTAL.	\$106,229 10 \$125,214 40 22,286 00 25,675 77 36 50 3,046 03		30,250 00 45,400 00 135,461 71	167,701 06 199,372 70 701,971 61	10,000 00 50,000 00	\$177,701 06 \$199,372 70 \$751,971 61	\$167,701 06 \$199,372 70 \$701,971 61	45	\$4,441.83 \$3,684.28 26,341.07	1,330 11	
1898-9.	\$120,929 59 22,405 14 4,149 75	147,484 48	28,800 00	176,284 48		\$176,284 48	\$176,284 48	167,060 39	\$9,224 09		
1897-8.	\$95,764 47 16,905 63 4,122 42 5,473 00 834 54 4,501 60	127,601 66	28,800 00	158,618 37	40,000 00	\$198,613 37	\$158,613 37	149,622 50	\$8,990 87	(p.)	
	From City Departments  Documents charged to Apropriation Rent, Heat, and Power. Increase of Stock on Hand City Hall Office, Stationery Sold City Hall Office, Postage Sold.	Total Receipts from the Business.	Appropriations Transfers	Special Appropriations:	For Working Capital.	Grand Total	Total Receipts from Operation and Ordinary Appropri- ations (as above).	Total Expenses of all kinds (next page)	Excess or " Surphus" for Year	Add balance various accounts (See Examiner's Report)	Total Surplus as stated in Report

Par Bolls			1	1200-1.	(Four Years.
Lay Inollis	\$60 770 99	TO 100 000	-	00 .00	10000
Paner Stock nurchased	10 407 70	10,074 01	901,011 90	\$94,105 66	\$322,987 66
Dinding Duling	15,400 09	15,992 22	14,476 94	21,492 54	65,427 29
Diname, runne, erc.	16,149 40	19,683 26	16.046 55	22.547 03	74,496 94
Engraving, Electros, etc.	3,366 02	2,998 44	1,987 21	2.965 11	11 316 78
Outside Printing	3,570 75	951 85	440 09	2,000	1 010 10
Stationery	367.00	1 072 07	740 00	01 040	4,515 40
Insurance	00 100	1,010 01	148 02	304 12	2,496 91
Ront	804 81	738 00	369 00		1,971 37
Call Call	3,538 37	4,696 24	4,438 37		16,872 98
nomers, supplies, etc.	769 27	420 54	478 72		2,496 77
UIK	253 60	272 54	202 57		1,797 59
nighting	442 98	596 72	622 98		9,190 69
Telephone	316 52	250 38	383 06	262 98	1.919 94
finel	1,270 53	1,337 97	1.003 68		2,619 18
0.11	197 25	146 65	160 11		690 69
Water	138 50	220 30	129 60		695 87
Repairs, Ordinary	354 11	296 90	225 74		1.760 49
Repairs, Extraordinary	1,130 67	1,894 93	268 10	562 49	3,856 19
Electric Construction	249 48		105 24		536 04
Time Clock	170 00				259 00
Car Tickets	121 00	250 00			952 00
Leaming	87 70				574. 72
Jeaning office, towels, etc.	130 44		167 94		01, 902
Typewriter	149 75				249 75
Express	10 50			,	10 50
Messengers	15 70				42 75
	244 63	675 37	534 31		1.634 56
Moving and Storing Engine				125 50	125 50
Appraising Plant, etc.	251 75				251 75
Examiner			418 92.		418 92
Totals carried forward	\$117,406 01	\$130,171 99	\$124,549 17	\$151,984 29	\$524.111 46

MUNICIPAL PRINTING DEPARTMENT - EXPENDITURES (Continued).

		TIGNET TYPE	EXITIONES (Communed).	ed).	
	1897-8.	1898-9.	1899-0	1900-1.	TOTAL.
Totals brought forward Rules and Orders Municipal Register	\$117,406 01 540 00 332 40	\$130,171 99	\$124,549 17 540 00	\$151,984 29 570 00	\$524,111 46 2,190 00
Rebates Bad Debts.		250 00 64 35	199 25		332 40 989 04 446 08
Postage Stamps and Envelopes Bought. Postage Bought at Stationers. Decrease of Stock on hand	10,000 00	7,500 00 560 44 1,097 00	9,500 00 148 04	468 20 10,297 15 213 40	468 20 38,219 03 1,097 09
Total Expense including Superintendent Deduct Superintendent, etc., charged to Appropriation,	128,744 66 6,500 00	140,183 87 6,500 00	134,936 46	163,988 31 6,500 00	567,853 30 26,000 00
Add Depreciation @ 10% on Plant. Add Depreciation @ 20% on Construction account.	122,244 66 3,972 21	133,683 87 4,471 38	128,436 46 4,974 09 1,062 68	157,488 31 4,961 66 1,062 68	541,853 30 18,379 34 2.125 36
Total Expense of Operation.  Add Amounts charged to Appropriation, viz.:	126,216 87	138,155 25	134,473 23		562,358 00
Superintendent, General Expense, etc.	16,905 63 6,500 00	22,405 14 6,500 00	22,286 00 6,500 00	25,675 77 6,500 00	87,272 54 26,000 00
Total Expense (except Plant)	149,622 50	167,060 39	163 259 23	195,688 42	675 630 54
Surplus of Receipts over Expenses Deficit of Receipts over Expenses Surplus of Appropriation over Charges Deficit of Appropriation over Charges	1,384 70	9,329 23	2,977 83	-9.539 95 13,224 23	4,151 90
Totals	\$158,618 27	\$176,284 48	\$167,701 06	\$199,372 70	\$701,971 61

# (9.) Total Charge for Printing for Past Year to Each of the City Departments.

of the City Departments.	
Assessing Auditing Building Bath Board of Aldermen Contingent Expense City Clerk Cemetery City Messenger Collecting	\$12 180 87
Auditing	779 00
Building	. 110 20
Bath S	. 2,349 03
Board	. 484 28
City Of Aldermen Contingent Expense .	4,040 15
Colork .	525 73
C. emetery	517 59
Messenger	1 550 74
Collecting	. 1,000 74
Clerk of C	. 3,171 46
City D. Committees	. 363 95
City Clerk Cemetery City Messenger Collecting Clerk of Committees City Record City Council Incidental Proceedings Court of Registration Engineering	. 1,475 74
Council Incidental	. 120 69
Proceedings .	4 146 81
Court of Registration	239 24
Common Conneil Continuent	. 200 24
Engineeric Contingent	. 492 55
the string .	. 519 12
Fire	. 18,669 64
Hoole	. 1,485 58
Tealth	. 5,433 09
108pital	4,584 38
Cymhouse and Homital Lang Island	940 14
Charlestorm II is 1	. 348 14
Almshouse and Hospital, Long Island . Charlestown Hospital . Ilouse of Reformation	. 6 51
Home Institutions Office	. 234 53
Ilouse of Reformation Placing Out and Office Expense	. 71 55
Plantal School	. 26 60
Lacing Out and Office Evnance	334 16
treame Hospital	940 15
Honse of C	348 15
Insane Hospital	. 89 51
Penal Institutions Office Expense Institutions Registration	. 145 06
Institutions Office Expense Library Department Law	. 155 97
Linutions Registration	. 1,021 38
L. Department	700 40
1.3W	. 288 39
amp	
law Incit	. 161 45
Mayor	$. \qquad  45 \; 42$
Law Lamp Law, Incidentals Overseers of Poor Police	. 623 16
Pol: Poor	. 360 19
Police	5,100 47
Olice Signal	. 455 70
Talluor Licence	. 499 70
House of Death	. 512 56
Public P. Detention	. 170 47
Police Police Police Signal Liquor License House of Detention Public Buildings .  Repair Electrical Construction	. 674 20
Repair Electrical Construction .	. 20 65
Electrical Construction	59 20
Park School-house Agent	286 87
Park School-house Agent	
Public Parks	. 918 12
2 G1 K8	. 103 26
Carrie 7 B	
Carried forward	*76,398 85

Brought forward						\$76,398 85
Public Grounds						100 7
Registry						5 764 75
Street-Bridge						650 10
Ferry	·					1 300 52
Public Grounds . Registry . Street—Bridge . Ferry . Paving .						4,830 60
Sanitary	:		*			1,437 17
Sower.				*	•	4,392 29
Cleaning:	•		•			1,033 34
Watering	•					733 08
vv atering	•				•	330 98
Central Omce.						548 26
Ferry Paving Sanitary Sewer Cleaning Watering Central Office Sewerage Works Laying Out and Construc		0 771				O'T'
Laying Out and Construc	tion	of Hig	ghwaj	ys		271
Cambridge Bridges		-				$\begin{array}{c} 121 & 10 \\ 418 & 55 \\ \end{array}$
Cambridge Bridges Street Laying-out						418 57
Stony Brook Improvemen	ıt.					39 98
Street Laying-out and Ser Stony Brook Improvemen Congress street, Grade Cr Dorchester avenue, Grade Sinking-Fund Soldiers' Relief Sealing Weights and Mea Statistics	ossir	ıg .				51 43
Dorchester avenue, Grade	Cro	ssing				$\frac{51}{12} \frac{40}{00}$
Sinking-Fund						234 25
Soldiers' Relief				•		196 62
Sealing Weights and Mea	sures		•	•	•	307 06
Statistics	.,		•		•	3,974 27
Schools	•				•	F 948 12
Treasury	•			•		000 10
Water Commissioner			•		•	680 99
Statistics Schools Treasury Water Commissioner	•			•	•	5 769 30
Theome	•					005 40
W:						902 80
Wire	•					16 00
waylarers' Lodge						7,226 38
Suffolk Superior, Civil						
Crimina	l .					1,137 67 72 89 5 38
Treasurer						5 38
Superior Court						0 "
Probate .						22 60
Jail						20)
Treasurer Superior Court Probate . Jail Medical Examiner						100 05
Registry Deeds						201 03
Municipal Court, Brighton	1				•	164 03
West Ro	oxbu	PV	·	•	•	105 04
South B	ostor	ີ <i>ປູ່</i> 1	•	•	•	93 01
Charlest	OWN		•	•		87 47
Public Celebrations	() ) 11		•	•	•	94 52
Medical Examiner Registry Deeds Municipal Court, Brighton West Ro South Bo Charlest Public Celebrations Music	-		•		- '	228 60
Board of Anneal				•	•	$\begin{array}{c} 225 \\ 4 & 60 \\ 9 & 31 \\ & 65 \end{array}$
Market				1		9 31
Franklin Fund			•			41 00
Music .  Board of Appeal Market Franklin Fund N. Mathews, jr. Boston Gear Works damag	*		•	•	*	91 33
Roston Goon Wouls J.	-	-				162 00
Doston Gear works damag	res	100				
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