

MAYOR'S MESSAGE  
AND  
MUNICIPAL REPORTS  
OF THE  
OFFICERS  
OF THE  
CITY OF PORTLAND

FOR THE

Fiscal Year Ending December 31, 1886.

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PORTLAND, OREGON:  
R. H. SCHWAB & BRO., CITY PRINTERS, 5 WASHINGTON STREET.  
1887.

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## MAYOR'S MESSAGE.

MAYOR'S OFFICE,  
 PORTLAND, January 1, 1887. }

*To the Hon. Common Council of the City of Portland:*

GENTLEMEN: According to the provisions of the City Charter, it is the duty of the Mayor to annually communicate, by message to the Council, a statement of the condition of this municipal corporation. I herewith present you a brief general statement of the affairs of the city, together with recommendations for your consideration.

As shown by the Auditor and Clerk and Treasurer, it will be seen that the actual receipts and expenditures of the city for the year ending December 31, 1886, were as follows:

Total receipts . . . . .	\$279,930 74
Total expenditures . . . . .	242,726 63
Total balance in treasury . . . . .	\$37,204 11

### POLICE DEPARTMENT.

The estimated expense of the police department for the current year, as given by the Police Commissioner, is \$50,626.

According to the amended charter, the Mayor and Council have nothing to do with the management of the police department, but are required to pay the bills audited by the Police Commissioners. There seems to be some misapprehension on the part of many of our citizens in regard to that matter.

### FIRE DEPARTMENT.

The Council has been notified by the Fire Commissioners that the estimated expenses of the fire department for the current year will

aggregate \$66,861.16. There has been no change in the Fire Commissioners, and it is generally conceded that we have a good and efficient fire department; and we have reason to believe that our firemen will be as reliable in the future as they have been during the past years of the paid department. Notwithstanding that a degree of security is felt against damage to our city by fire, it would be well for the people of Portland to bear in mind the fact that the fire department remains about the same as when the paid department was first organized, while the city has largely increased in buildings, area and population, and unless there is a new system of water works inaugurated here soon—similar to that contemplated by the water committee—it will be necessary to increase the fire department in proportion to the growth of the city, otherwise there will be a liability to a repetition of the great fire of 1873. I would recommend that all useless property belonging to the department, including the old engine house on Washington street, be sold, and the proceeds added to the fire department fund.

#### RIVER IMPROVEMENT.

The Willamette river from Portland to the Columbia, which the city has the right to improve, is, at this time, in as good condition for navigation as the Columbia river is in many places this side of Astoria; therefore, there seems to be little need of spending money on the city dredger and appurtenances. When the lower Columbia is properly deepened, and it becomes necessary to improve the Willamette, the work can be done much more economically by sluicing.

#### STREET IMPROVEMENTS.

There has been quite a large amount of street work carried on during the past year, and considerable money has been drawn from the treasury for opening and improving streets. The committee on streets and public property should be very careful about recommending the extension and improvement of streets, unless a large majority of the property owners desire such improvement, as nearly everything of that nature requires more or less money to be drawn from the general fund. Macadamized streets seem to be a failure in this climate, except for streets where there is but little travel. Some of the business streets which are improved in that way are hardly out of the contractor's hands before the street cleaning department commence hauling off

mud. The Belgian block pavement is doing as well as could be expected, considering that the blocks are of basaltic rock and unshapely. It seems to be next to impossible to get them otherwise of that material. In view of the fact that there will be a large amount of Belgian blocks used in years to come, I think it would be well to ascertain the practicability of obtaining better blocks from some granite quarry where blocks of the required shape can be rived out cheaply that would lay close enough together to keep from rocking, and also prevent the foundation of sand and gravel in which the blocks are imbedded from oozing up through during our long wet winters.

#### HEALTH.

The general health of the people of Portland, during the past year, will compare favorably with any city of its size in any country, notwithstanding the lack of proper sewers in many places. Before another summer is past the Tanner creek culvert will be completed, which, it is hoped, will abate a nuisance that has been a source of complaint for many years.

#### STREET CLEANING DEPARTMENT.

The street cleaning department appears to be in good condition, and has been managed as economically as possible and be of any practical use. On account of the very long continuance of dry, hot weather last summer, this department was obliged to incur considerable expense that was not anticipated at the beginning of the year. It is hoped that in the future water for sprinkling streets will not cost as much as it has in the past, and that *all* the macadam streets will be kept dampened during the dry weather so as to completely do away with the dust nuisance, at the same time the dust properly sprinkled will remain on top of the road bed and serve as a protection to the crushed rock, making the streets more agreeable to drive over than they would otherwise be. But the long, mild, wet winters of this country are very hard on macadamized roads, there being no protection by frost and snow worth mentioning and always sufficient rain to keep the pulp which is ground from the broken rock in almost a fluid state, affording no protection whatever to the road bed, so that the street cleaning department has more than it can do to cart off the pulverized macadam as fast as it is ground up by passing teams.

The Council should be very careful about passing ordinances and resolutions whereby more or less money is sure to be drawn from the treasury, either directly or indirectly. While all would be pleased to see good streets constructed to the remotest corners of the city limits, there are but few that like to pay the bills for viewers and reviews, right of way, litigation, and other expenses sure to follow all such improvements. The Council and all the city officers should endeavor to curtail expenses wherever it can be done without working against the best interests of the city. With proper care and economy there is no good reason why expenses cannot be kept below receipts.

Respectfully submitted,

JOHN GATES,  
*Mayor.*

## CITY SURVEYOR'S REPORT.

CITY SURVEYOR'S OFFICE,  
PORTLAND, OR., January 5th, 1887. }

*To the Hon. the Mayor and Common Council of the City of Portland:*

GENTLEMEN: I have the honor to present to you this, the annual report of the City Surveyor, for the year ending December 31st, 1886, including detailed statements and exhibits of the different kinds of work, exclusive of cleaning and sprinkling, done during the year in the improvement and extending of the streets and public parks and highways during the twelve months embraced in the past year.

The work of locating the streets and taking elevations of the ground along the streets in the southern part of the city known as the Portland Homestead, which was ordered to be done by your Honorable Body on petitions of property owners in that locality, has not yet been completed, although the small field force allowed the City Surveyor has devoted to the accomplishment of that object every day which could be spared from the more imperative duty of estimating and locating street improvements, and pursuing other urgent orders of your Honorable Body. The great unevenness of the ground in that locality renders its survey very tedious and laborious, but it will shortly be completed, together with the accompanying profile maps, which will form a necessary and valuable addition to the records of the street department.

### THE CITY BOUNDARY

Survey, ordered at your meeting of the 15th ultimo, is progressing and will be completed within a few days. The southwestern line of the city limits is about three and one-half miles in length, running across high hills and deep canyons, generally covered with heavy underbrush, which, together with the heavy fog enveloping the hills of late, has rendered the accurate measurements necessary in the work, very slow and difficult.

## STREET IMPROVEMENTS

Of great public importance made during the past year embrace the grading and laying plank road or macadam, together with sidewalks and crosswalks, on Corbett street from Porter street to the extreme southern boundary of the city, connecting with the Slavin county road, one of the most important highways of the country; the construction of macadam and sidewalks on North Seventh street from A street to J street, and on the same street the construction of a bridge across Couch's lake from J street to North Front street; and the laying of macadam on Morrison street between Front and Ninth streets, including the lowering of the grade at Seventh street. Besides the above a number of other street improvements of lesser importance have been made during the year, for all of which this office has furnished the detailed estimates and all the preliminary, locating and furnishing surveys.

## STREET EXTENSIONS

Covering an area of 206,149 square feet have been surveyed since my last annual report, but only a portion of them have been finally perfected by your Honorable Body.

## THE TANNER CREEK SEWER

Is by far the most important work undertaken during the year, the survey of the route for which, together with the time occupied in the detailed surveys for ascertaining and calculations of, the amount of the several kinds of work to be done in the construction of that extensive and important improvement, called heavily upon the services of the small force employed in this office. However, all the preliminary work is now completed, and bids may be invited at any time the same may be ordered by your Honorable Body.

## ANOTHER CITY PARK ROAD

Was located last fall, and an accurate estimate made of the work required to construct the same, but the project was abandoned on account of a want of funds. This road was surveyed by order of your Honorable Body on the written petition of a large number of the principal tax-payers of the city, who pertinently urged the construction of a southern entrance to the City Park.

## THE NUMBER OF SEWERS

Constructed during the year just ended is considerably larger than the number ordered and laid in 1885, the total length of sewers laid in 1886 being 12,739 lineal feet as against 4,293 feet during the preceding year. The most important as well as the most costly sewer was that in Harrison street, although this sewer cost some \$4000.00 less than it otherwise would have cost, on account of the competition between the manufacturers of cement and terra cotta sewer pipe, which was wisely anticipated by your Honorable Body.

The tabular statements hereto attached and made part of this report will furnish detailed information as to the quantity of every kind of street work done during the past year.

All of which is respectfully submitted,

W. S. CHAPMAN,  
*City Surveyor.*







WORK DONE UNDER PERMITS IN 1886.

Number of Permits Issued.	CUBIC YARDS.		LINEAL FEET.					Cubic Yards Macadam.
	Excavation.	Embankment.	Sidewalk.		Cross-walk.	Box Gutter.	Plank Road.	
			Wood.	Stone.				
201	36783	33280	25846	1541	1491	434	5409	2848
<b>Total</b>	<b>36783</b>	<b>33280</b>	<b>25846</b>	<b>1541</b>	<b>1491</b>	<b>434</b>	<b>5409</b>	<b>2848</b>

UNFINISHED WORK OF 1885, FINISHED IN 1886.

Name of Street.	EXTENT OF SEWER.	Date of Estimate.	No. of Ordinance.	Lineal Feet.		NUMBER OF.							Cubic Yards Excavation and refilling.	Lineal Feet of Macadam taken up and relaid.
				8-inch Pipe.	8-inch Pipe	Catch Basins.	Man Holes.	Lamp Holes.	Iron Grates.	Iron Traps.	R. C. block dressed and laid.	6-foot Circular Feet.		
Jefferson	From Fifth to Twelfth Street	Oct. 1, 1885.	4677	377	30	3	3	3	2	3	3	3	687	565
	<b>Total</b>			<b>377</b>	<b>30</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>687</b>	<b>565</b>

UNFINISHED WORK OF 1886.

Name of Street.	EXTENT OF IMPROVEMENT.	Date of Estimate.	No. of Ordinance.	Cubic Yards.		LINEAL FEET.				Cubic Yards Macadam.
				Excavation	Embankment.	Sidewalk.		Crosswalk.		
						New.	Relay.	New.	Relay.	
N. Seventh	From A to N. Front Street	Oct. 1	4915	26	5305	908		322	36	590.1
	<b>Total</b>			<b>26</b>	<b>5305</b>	<b>908</b>		<b>322</b>	<b>36</b>	<b>590.1</b>

UNFINISHED WORK OF 1886 (SEWER).

Name of Sewer.	EXTENT OF IMPROVEMENT.	Date of Estimate.	No. of Ordinance.	LINEAL FEET.		NUMBER OF.										Cubic Yards of Broken Stone.	Cubic Yards of Embankment.	Lin. Ft. of Wooden Culvert to be taken up and removed.	Cubic Yards of Concrete.	Cubic Yards of Excavation and Refilling.
				6-foot Circular Feet.	9-inch.	8-inch.	12 Inches.	9 Inches.	6 Inches.	9x6 Inches.	8x6 Inches.	Catch Basins.	Man Holes.	Lamp Holes.	Iron Grates.					
First Street	From 60 feet north of Montgomery to Mill Street	Dec. 10. 4069				158													120	
D Street	From North Fourteenth Street to North Eighteenth Street	Dec. 10. 4871		260		10													196	
Tanner Creek	From Block by Couch's Add. to river at N. Eighth Street	Dec. 6. 4876		500-3836					13	33	40								1800	
	<b>Total</b>			<b>500-3836</b>	<b>290</b>	<b>168</b>	<b>13</b>	<b>33</b>	<b>40</b>	<b>20</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2116</b>	

RECAPITULATION.

Work done in 1886 Under	Cubic Yards.		LINEAL FEET.										Cubic Yards of Excavation and Refilling.	Cubic Yards of Broken Terra Cotta Pipe.	No. of Sewers built of Cement Pipe.	Cubic Yards of Excavation and Refilling.	Cub. Yds. Macadam.		
	Excavation.	Embankment.	Sidewalk.	Crosswalk.	Gutter.	Plank Road.	Bridges.	Sewer Pipe laid.	Macadam and Plank Road taken up and relaid.	Catch Basins.	Man Holes.	Lamp Holes.						Iron Grates.	Iron Traps.
Permits	36783	33280	27387	1491	434	5409													2848.0
Estimates	17465	16341	8091	20174	663	1204	12739	3820	3820	45	45	45	45	45	45	843	200	13650	2920.7
<b>Grand Total</b>	<b>54248</b>	<b>49621</b>	<b>35478</b>	<b>21665</b>	<b>1097</b>	<b>5409</b>	<b>12739</b>	<b>3820</b>	<b>3820</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>843</b>	<b>200</b>	<b>13650</b>	<b>6468.7</b>

# REPORT OF THE AUDITOR AND CLERK.

To the Hon. the Mayor and Common Council of the City of Portland:

GENTLEMEN: I have the honor to herewith submit to you my annual report, ending December 31st, 1886, showing the receipts and disbursements for the year, and the financial condition of the city, as follows, to-wit:

### GENERAL FUND.

Balance on hand, December 31st, 1885 . . . . .		\$1,836 91
Received tax roll 1886 . . . . .	\$25,753 04	
"    "    1885 (delinquent) . . . . .	36 00	
Redemption of property	\$22 05	
"    "    E. Weber . . . . .	79 65	
"    "    Mrs. Hazeltine . . . . .	58 04	
"    "    Geo. P. Gray . . . . .	146 70	
"    "    E. of Scotland Inv. Co. . . . .	109 47	
"    "    C. A. Fechheimer . . . . .	156 00	
"    "    Sisters of Charity . . . . .	738 00	
"    "    Wm. Sherlock . . . . .	10 00	
"    "    T. Patterson . . . . .	20 66	
"    "    M. A. Mayer . . . . .	9 00	
"    "    T. Patterson . . . . .	4 50	
"    "    H. B. Williams . . . . .	3 60	
"    "    Wm. Brooks . . . . .	145 00	
"    "    S. V. Fuller . . . . .	4 00	
"    "    H. C. Smithson . . . . .	45 95	
"    "    A. Meier . . . . .	200 00	
	\$1,752 62	
Received from C. P. Morton, Ninth st. ass'ment	\$73 84	
"    P. G. Baker, "    "	96 53	
"    Mary Easter, "    "	57 09	
	\$227 46	
Received from J. D. Biles, delinquent tax, 1874 . . . . .	2 25	
"    Portland Mechanic's Fair Association . . . . .	150 00	
"    S. B. Parrish, Chief of Police, sale of stray horse . . . . .	\$12 70	
Received from S. B. Parrish, Chief of Police, cost street assessments . . . . .	31 15	
Received from S. B. Parrish, Chief of Police, cost street assessments . . . . .	18 20	
	\$62 05	
Received from business licenses . . . . .	\$62,324 54	
"    dog licenses . . . . .	1,250 25	
	\$63,574 79	

## REPORT OF AUDITOR AND CLERK.

Received from R. M. Dement, Police Judge:		
Fines city cases . . . . .	\$6,129 85	
Costs " . . . . .	85 00	
Fines state cases . . . . .	1,677 50	
Costs " . . . . .	245 00	
	\$8,137 35	
Received from sale of bonds: 47 bonds \$500 at 1 per cent. premium to I. Steinhart, S. F., due June 1, 1893	\$23,735 00	
Received from sale of book and dog tags . . . . .	1 70	
	\$123,432 26	
	\$125,269 17	

### Contra.

Transfer Police fund . . . . .	\$7,500 00
"    Jefferson street fund . . . . .	100 00
"    Corbett (blk. 104) . . . . .	176 16
"    Park fund . . . . .	800 00
"    Lamp fund . . . . .	20,000 00
"    Interest fund . . . . .	5,000 00
"    Thirteenth street ext fund . . . . .	4,909 55
"    North Third street ext. fund (N. P. T. Co.) . . . . .	8,236 80
"    Porter street fund . . . . .	404 44
"    Willamette river fund . . . . .	650 00
"    North Sixteenth street fund . . . . .	4 33
"    Fire department fund . . . . .	8,000 00
"    Street cleaning fund . . . . .	1,000 00
	\$56,781 28
By warrants paid and ret'd, December 31st, 1886 . . . . .	62,916 31
	\$119,697 59
Balance in Treasury, December 31st, 1886 . . . . .	5,571 58
	\$125,269 17

### AUDITED CLAIMS PAID BY WARRANTS.

#### Salaries.

Mayor and members of Common Council . . . . .	\$6,000 00
Auditor and Clerk . . . . .	2,400 00
City Surveyor . . . . .	2,400 00
Superintendent of Streets . . . . .	2,400 00
City Treasurer . . . . .	1,200 00
City Attorney . . . . .	2,000 00
Street Repairer . . . . .	1,080 00
Deputy Supt. of streets . . . . .	1,530 00
Assistant to City Surveyor . . . . .	1,064 05
Police Judge and Interpreter \$7.50 . . . . .	1,807 50
Deputy Auditor and Clerk and Clerk hire \$30.00 . . . . .	1,350 00
	\$23,231 55

#### Streets and Public Property.

Improvement in front of public property . . . . .	\$727 31
Repairs to streets and bridges . . . . .	477 54
Sewers and nuisances . . . . .	524 93
Surveyors assistants (66) . . . . .	2,722 85
Pay of Street Viewers (Bal. app. 35.) . . . . .	396 00
Care of city horse . . . . .	30 00
Care of public grounds . . . . .	203 49



## STREET CLEANING FUND.

Balance in treasury December 31, 1885 . . . . .		\$95 61
Transfer from general fund . . . . .	\$1,000 00	
From sale of dirt—F. Matthews . . . . .	244 42	
Transfer from Willamette river fund . . . . .	1,000 00	
Tax roll 1886 . . . . .	12,819 52	
“ “ (delinquent) . . . . .	34 70	
		<u>\$15,098 64</u>
		\$15,194 25

*Contra.*

Warrants paid and returned December 31, 1886 . . . . .	\$14,703 18	
Balance in treasury December 31, 1886 . . . . .	491 07	
		<u>\$15,194 25</u>

*Warrants Drawn.*

General expenses street cleaning. } . . . . .	\$14,244 51	
“ “ sprinkling . . . . .	623 28	
Warrants outstanding December 31, 1885 . . . . .		\$14,867 79
Warrants paid and returned December 31, 1886 . . . . .	\$14,703 18	
Warrants outstanding December 31, 1886 . . . . .	164 61	
		<u>\$14,867 79</u>

## RAILROAD FUND.

Balance in treasury December 31, 1885 . . . . .	\$59 12	\$59 12
Balance in treasury December 31, 1886 . . . . .	\$59 12	\$59 12

## SURPLUS FUND.

Balance in treasury December 31, 1885 . . . . .	\$152 17	\$152 17
Balance in treasury December 31, 1886 . . . . .	\$152 17	\$152 17

## INTEREST FUND.

Balance in treasury December 31, 1885 . . . . .	\$1,330 00	
Transfer from general fund . . . . .	5,000 00	
		\$6,330 00

*Contra.*

Coupons returned paid to December 31, 1886 . . . . .	\$5,177 50	
Balance in treasury December 31, 1886 . . . . .	1,152 50	
		<u>\$6,330 00</u>

## PARK FUND.

Balance in treasury December 31, 1885 . . . . .	\$60 00	
Transfer from general fund . . . . .	800 00	
		\$860 00

*Contra.*

Warrants paid and returned to December 31, 1886 . . . . .	\$720 00	
Balance in treasury December 31, 1886 . . . . .	140 00	
		<u>\$860 00</u>

## STREET IMPROVEMENT FUND.

Balance in treasury December 31, 1885 . . . . .	\$7,670 50	
From collections and transfers . . . . .	7,788 45	
		<u>\$15,458 95</u>

*Contra.*

Warrants paid and returned to December 31, 1886 . . . . .	\$7,735 19	
Balance in treasury December 31, 1886 . . . . .	7,723 76	
		<u>\$15,458 95</u>

## STREET EXTENSION FUND.

Balance in treasury December 31, 1885 . . . . .	\$6,415 00	
From collections and transfers . . . . .	15,519 16	
		<u>\$21,934 16</u>

*Contra.*

Warrants paid and returned to December 31, 1886 . . . . .	\$4,134 94	
Balance in treasury December 31, 1886 . . . . .	17,799 22	
		<u>\$21,934 16</u>

## STREET SEWER FUND.

Balance in treasury December 31, 1885 . . . . .	\$2,412 90	
From collections and transfers . . . . .	\$13,746 44	
		<u>\$16,159 34</u>

*Contra.*

Warrants paid and returned December 31, 1886 . . . . .	\$12,494 52	
Balance in treasury December 31, 1886 . . . . .	3,664 82	
		<u>\$16,159 34</u>

*Summary of Balance in Treasury December 31, 1886.*

General fund . . . . .	\$5,571 58
Fire department fund . . . . .	352 68
Police department . . . . .	70 62
Willamette river fund . . . . .	22 45
Lamp fund . . . . .	4 76
Street cleaning fund . . . . .	491 07
Park fund . . . . .	140 00
Street improvement fund . . . . .	7,723 76
Street extension fund . . . . .	17,799 22
Street sewer fund . . . . .	3,664 82
Railroad fund . . . . .	59 12
Surplus fund . . . . .	152 17
Interest fund . . . . .	1,152 50
	<u>\$37,204 75</u>

*Summary of Bonded Indebtedness.*

Bonds due May 1, 1891, First National Bank, Portland . . . . .	\$56,500 00
“ June 1, 1893, “ “ “ . . . . .	20,000 00
“ June 1, 1893, I. Steinhart, San Francisco . . . . .	23,500 00
	<u>\$100,000 00</u>

Respectfully yours,

B. L. NORDEN,  
Ex Auditor and Clerk.

# TREASURER'S REPORT.

To the Hon. the Mayor and Common Council of the City of Portland:

GENTLEMEN: I have the honor to herewith submit to you my half-yearly report, for the six months ending December 31, 1886, as follows, to-wit:

### GENERAL FUND.

To balance on hand July 1, 1886 . . . . .	\$7,599 23	
Received from delinquent tax 1886 . . . . .	600 00	
"    A. H. Tanner, Ninth street . . . . .	153 62	
"    Mechanics' fair association— rent . . . . .	150 00	
Received from delinquent tax 1874 . . . . .	2 25	
"    A. H. Tanner, Ninth street . . . . .	73 84	
"    Mrs. Fechheimer, redemption . . . . .	156 00	
"    Sisters of Charity " . . . . .	738 00	
"    business licenses to September 30, 1886 . . . . .	15,836 26	
Received from dog licenses to Sept. 30, 1886 . . . . .	711 00	
"    Judge Dement . . . . .	1,432 50	
"    "    July 6, 1866 . . . . .	1,683 00	
"    delinquent tax 1886 . . . . .	69 40	
"    William Sherlock, redemption . . . . .	10 00	
"    S. B. Parrish, costs . . . . .	18 20	
"    redemption . . . . .	20 66	
"    sale stray horse . . . . .	12 70	
"    redemption . . . . .	408 05	
"    delinquent tax 1886 . . . . .	48 60	
"    business licenses, December 31, 1886 . . . . .	15,801 96	
Received from dog licenses . . . . .	403 50	
"    Judge Dement . . . . .	2,848 25	
	\$48,777 02	
By transfers . . . . .	\$21,391 13	
By warrants paid and returned . . . . .	21,814 31	
	\$43,205 44	
Balance . . . . .		\$5,571 58

### STREET LAMP FUND.

Balance July 1, 1885 . . . . .	\$5,548 52	
Warrants paid and returned . . . . .	5,543 76	
Balance . . . . .		\$4 76

## TREASURER'S REPORT.

### INTEREST FUND.

Balance July 1, 1886 . . . . .	\$4,035 00	
Coupons paid and returned . . . . .	2,882 50	
Balance . . . . .		\$1,152 50

### PARK FUND.

Balance July 1, 1886 . . . . .	\$500 00	
Warrants paid . . . . .	360 00	
Balance . . . . .		\$140 00

### SURPLUS FUND.

Balance July 1, 1886 . . . . .	\$152 17	
Balance . . . . .		\$152 17

### RAILROAD FUND.

Balance July 1, 1886 . . . . .	\$59 12	
Balance . . . . .		\$59 12

### STREET CLEANING DEPARTMENT.

Balance July 1, 1886 . . . . .	\$6,911 46	
Received from F. D. Mathews . . . . .	7 50	
"    delinquent tax 1866 . . . . .	334 70	
"    F. D. Mathews . . . . .	13 00	
"    " . . . . .	15 00	
"    " . . . . .	4 25	
"    F. E. Vaughn . . . . .	75	
Transfer from general fund . . . . .	1,000 00	
Warrants paid and returned . . . . .	\$8,286 66	
	7,795 59	
Balance . . . . .		\$491 07

### POLICE DEPARTMENT.

Balance . . . . .	\$17,218 41	
Delinquent tax 1886 . . . . .	1,004 10	
Transfer from general fund . . . . .	3,500 00	
Warrants paid . . . . .	\$21,722 51	
	21,651 89	
Balance . . . . .		\$70 62

### FIRE DEPARTMENT.

Balance July 1, 1886 . . . . .	\$16,139 14	
Delinquent tax 1886 . . . . .	1,338 82	

## TREASURER'S REPORT.

Transferred to general fund . . . . .	\$8,000 00	
Received of W. T. Wallace . . . . .	76 40	
	<u>\$25,554 36</u>	
Warrants paid . . . . .	25,202 27	
Balance . . . . .		\$352 09

## WILLAMETTE RIVER FUND.

Balance July 1, 1886 . . . . .	\$27 65	
Transfer from general fund . . . . .	650 00	
	<u>\$677 65</u>	
Warrants paid . . . . .	655 20	
Balance . . . . .		\$22 45

## STREET IMPROVEMENT.

Balance . . . . .	\$7,252 52	
Collection . . . . .	5,861 12	
	<u>\$13,113 64</u>	
Warrants . . . . .	5,389 88	
Balance . . . . .		\$7,723 76

## STREET EXTENSION.

Balance . . . . .	\$9,766 42	
Transfer (collections) . . . . .	8,236 80	
	<u>\$18,003 22</u>	
Warrants . . . . .	204 00	
Balance . . . . .		\$17,799 22

## STREET SEWERS.

Balance . . . . .	\$2,353 81	
Collections . . . . .	7,596 64	
	<u>\$9,950 45</u>	
Warrants . . . . .	6,285 63	
Balance . . . . .		\$3,664 82
Balance in treasury . . . . .		<u>\$37,204 16</u>

Respectfully submitted,

D. C. MCKERCHER,  
City Treasurer.

## REPORT OF THE SUPERINTENDENT OF STREETS.

OFFICE OF THE SUPERINTENDENT OF STREETS, }  
PORTLAND, OR., December 31, 1886. }

To the Hon. the Mayor and Common Council of the City of Portland:

GENTLEMEN: I beg leave to submit the following annual report of the Superintendent of Streets for the year ending with this date.

I will not undertake to give in detail the various street improvements, but will give the aggregate amount of work, lineal measurement, and respectfully refer you to the report of the City Surveyor for details. There has been made, during the past year under ordinance, 10,015 lineal feet of street improvements, including:

8,237	lineal feet of new sidewalk.
2,396	“ “ crosswalk.
5,840	“ “ macadam.
1,624	“ “ bridging.
3,185	“ “ grading.

## WORK DONE UNDER PERMITS.

Besides the above named street improvements there has been made under permits:

7,314	lineal feet of street grading.
3,560	“ “ pavement.
5,409	“ “ plank roadway.
1,491	“ “ new crosswalk.
27,387	“ “ new sidewalk.

There has been built under official notices:  
10,476 lineal feet of new sidewalk.  
3,328 “ “ crosswalk.

## SEWERS.

There has been ten sewers built during the past year making a total length of 12,739 lineal feet, including the Jefferson street sewer

which was commenced the last part of last year and finished this year, this includes:

- 55 man-holes complete.
- 52 lamp-holes complete.
- 51 catch basins complete.
- 51 round corner blocks dressed and laid.

#### STREET RAILWAY TRACK.

There has been three miles of street railway track built, making a total length of 12.7 miles of single track.

#### PERMITS.

There has been 731 permits granted by this department during the past year for the following purposes, viz:

To dig up the street for gas connections . . . . .	28
“ “ water connections . . . . .	190
“ “ sewer connections . . . . .	173
To use the street for building purposes . . . . .	120
“ “ in moving buildings . . . . .	20
To improve the streets by grading, etc. . . . .	200

#### STREET LIGHTS.

There has been ordered by your Honorable Body 22 new street lamps and two electric lights.

#### NOTICES.

Eight hundred and ninety-three official notices have been served during the past year, to repair sidewalks, crosswalks, etc., with very good effect, although there has been some prominent business men who refused to comply with said notices, and in some instances I have been obliged to commence prosecution in the Police Court to enforce said notices—a very disagreeable duty, for the simple reason of having to cause the arrest of some of the most reputable and otherwise law-abiding citizens, who were under the impression that the Common Council had no right to pass an ordinance to the effect that when notified by the Superintendent of Streets they shall make necessary repairs to their sidewalks, crosswalks, etc., but that the Common Council should, according to the present city charter, pass an ordinance authorizing the improvement of any street that may need repairing, which process

would hardly be practicable, for the reason that a great many repairs which require official notices are quite small and numerous.

I think a method could be inaugurated by which this difficulty could be done away with.

For the purpose of drawing your attention more closely to this subject, I will suggest that the city charter be so amended, that the Common Council shall have power to pass an ordinance to the effect, that when any sidewalk or crosswalk needs repairing the property holder shall be notified of the fact by the Superintendent of Streets, and if said repair is not completed after a given length of time, the city shall make such repair and place a lien on the property to the amount of the cost of the work with the cost of collection added.

And I would suggest that the city accept all roadways after it has once been paved and keep the same in repair.

#### CULVERT.

According to your directions I have made plans and specifications for a culvert in

#### TANNER CREEK

Which will extend from the north end of the brick culvert under B street to low water in the Willamette river and will contain

500 lineal feet of 6-ft. circular brick, cement or concrete sewer.	
3836 “ egg-shaped “ “ “	
10 “ heavy-rolled “ “ “	
8 man-holes complete.	
13 branches of 12-inch cement or terra cotta pipe.	
33 “ 9-inch “ “	
40 “ 6-inch “ “	
184 lineal feet of wooden culvert to be taken up and removed.	
1800 cubic yards of excavation and refilling.	
2500 “ excavation.	
2000 “ embankment.	
150 “ concrete for foundations.	
80 “ broken stone.	

In conclusion I would offer the following recommendations:

That a large sewer be built in Front street, from Sheridan street to a point entirely beyond the occupied portions of town, large enough

to take up the sewers entering therein, as all the present sewers extend into the Willamette river and discharge their contents into said stream along the city front.

## PUBLIC LEVEE.

I would with your consent again call your attention to the condition of the public levee, and would suggest that some sort of improvements be made thereon that will make it available for use, by completing the wharf and superstructure and make it accessible to teams.

## CITY PARK.

That there should be more improvements made in the City Park—as there have been but few improvements made during the past year, and what were made were by the park keeper, who is a good and faithful servant—and I think if you would furnish a few men to work in the park under Mr. Meyers that a great many beauties could be added thereto with a small outlay of money, and by so making a few improvements each year we would soon have a very attractive summer resort. In its present condition there have been thousands of visitors to the park every week. Then there should be more foot paths, flower beds, good drinking water, and with a small amount of money a tower could be built by which visitors could get a good view of the city and its surroundings.

Your obedient servant,

F. E. VAUGHN,  
*Superintendent of Streets.*

## REPORT OF THE BOARD OF FIRE COMMISSIONERS.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, P. P. F. D., }  
PORTLAND, December 31, 1886. }

*To the Hon. the Mayor and Common Council of the City of Portland:*

GENTLEMEN: As required by the law creating the Portland Paid Fire Department, we herewith submit to your Honorable Body our fourth annual report, covering fiscal year ending December 31, 1886, accompanied by the detailed reports of the Chief Engineer and Superintendent of Fire Alarm Telegraph; also, our estimate of the expenditures necessary for the maintenance of the Fire Department for the year 1887:

## FINANCIAL.

The amount expended and claims audited by this board for the Fire Department for the year 1886—

Aggregate . . . . . \$66,478 76

## RECEIPTS.

Received from your Honorable Body:

From taxes and transfers . . . . .	\$59,416 90
From sale of old material . . . . .	64 40
From sale of exempt certificates . . . . .	12 00

Total received . . . . . \$59,493 30

Leaving a deficiency for 1886 of . . . . . \$6,985 46

In our estimate for 1886 we had a deficiency for 1884 and 1885 which amounted to \$8,602.26. This deficiency was paid out of the fund transferred in April of this year.

## SUMMARY.

*Expenditures.*

Salaries of department . . . . .	\$35,979 84
Running expenses of department . . . . .	9,663 13
Portland Water Company and Hydraulic Elevator Com'py . . . . .	9,960 00



Fire alarm, less new material . . . . .	\$338 66	
New material purchased . . . . .	1,345 87	
Litigation defending suit of Robt. Bragg vs. City . . . . .	589 00	
		\$57,876 50
Deficiency of 1884 and 1885 paid out of the fund for 1886 . . . . .		8,602 26
		\$66,478 76
Total . . . . .		
	<i>Receipts.</i>	
From sale of old material and exempt certificates . . . . .	\$76 40	
From taxes and transfers from fund . . . . .	59,416 90	
		\$59,493 30
Leaving a deficiency for the year 1886 of . . . . .		\$6,985 46

## ESTIMATES FOR 1887.

Salaries . . . . .	\$35,979 84	
Feed . . . . .	1,800 00	
Cisterns . . . . .	500 00	
Hydrants . . . . .	1,000 00	
Telephones . . . . .	480 00	
Coal . . . . .	300 00	
Coke . . . . .	475 00	
Wood . . . . .	100 00	
Gas . . . . .	700 00	
New harness and repairs . . . . .	600 00	
Horseshoeing . . . . .	475 00	
Repairs to apparatus . . . . .	1,000 00	
Repairs to houses . . . . .	800 00	
Small stores (oils, sponges, brushes, brooms) . . . . .	500 00	
City water supply (understood that the Water Committee will charge this amount) . . . . .	3,600 00	
Elevator Company's water supply . . . . .	6,360 36	
Veterinary surgeon and medicines . . . . .	125 00	
Office rent . . . . .	372 00	
Office expenses, printing and stationery . . . . .	200 00	
Ground rent for Hose Company No. 1 . . . . .	420 00	
Insurance on houses . . . . .	228 50	
Fire alarm telegraph and new material . . . . .	1,500 00	
Horses . . . . .	600 00	
Hose and pipe . . . . .	1,500 00	
Janitor . . . . .	60 00	
Sundry Accounts . . . . .	200 00	
		\$59,875 70
Deficiency for 1886 . . . . .		6,985 46
		\$66,861 16
Total . . . . .		

The above deficiency, together with the estimated amount required for 1887, will aggregate \$66,861.16, which amount we respectfully ask your Honorable Body to levy, and collect a special tax sufficient to raise the said amount.

We have practiced economy in every possible way and are satisfied

that the department expenses cannot be reduced without impairing its efficiency.

We believe that the taxpayers of this city desire the maintenance of an effective fire system, as we have substantial evidence of the same on file in our office from petitioners who are among the heaviest taxpayers and owners of property needing fire protection, protesting against any reduction of force.

Our Fire Department at the present time in its appointments is far behind other cities of equal importance. A new Hayes truck of greater capacity than our present one is absolutely necessary for the protection of property and saving of life, and our relief engines are worthless for fire service, and there is urgent need for a new relief engine. We have made no allowances for these two important items in our estimate. A Hayes truck such as is needed will cost about \$4,000, and an engine will cost about \$4,500.

## WATER SUPPLY.

As stated in Chief Engineer's report, we have plenty of water east of Third street, but even with the assistance of the Hydraulic company we have none too large a force to cope with a conflagration east of Front street and along the river. The northwestern and extreme southwestern portion are very poorly supplied.

## RIVER FRONT.

One should visit the immense frame docks along the river front which (in many cases in the thickly settled parts of the city) are exposures to brick buildings containing large and valuable stocks of merchandise, situated on the east side of Front street. Also such structures as the Steamship, Ainsworth, Greenwich (Nos. 1 and 2), Columbia and Mersey docks, with their immense stocks of merchandise (millions of dollars in value) continually passing through them, would then realize that the department and its appointments are not large enough.

A department may have fine horses, may boast of its quick hitching, be under the finest discipline with ever so efficient a chief, and yet be powerless to cope with fire without apparatus and the necessary appliances to work with and plenty of water.

We must not lose sight of the fact that the city is slowly but

surely growing, and what your Honorable Body might deem adequate to-day may not be so in a year hence.

#### FIRE BOAT.

There are few cities of equal commercial importance as this city similarly exposed to so great an extent along the front of its commercial center as Portland. We have dispensed with the Fire Boat and are banking on luck in going without one. A good Fire Boat, capable of throwing from three to six strong streams, will be one of the imperative necessities of the future. The immense warehouse and mill interests of Albina and East Portland should contribute toward the support of a Fire Boat; as it now is, a fire would have full sway on the river side of any buildings fronting either side of the river.

#### VALUE OF PROPERTY.

The total amount of property held in trust by the Commission is as follows:

Real estate and improvements . . . . .	\$91,500 00
Horses, apparatus, furniture, tools, stores, etc . . . . .	75,840 21
Total . . . . .	\$167,340 21

While it must be admitted that the contemplated bringing of water from Bull Run river will cover an area not now covered, and afford increased protection, we must not lose sight of the fact also that increased organized forces and steam engines will still be required to operate at fires. Such has been the experience of other cities.

It was our intention to follow up the Portland Water Company's hydraulic mains along Front street with hydrants, to serve in case of destruction of the Portland Hydraulic and Elevator Company's works, but the means at our disposal have not permitted it.

#### FIRE RECORD.

While the losses of 1885 and 1886 have been small compared with 1883 and 1884, it has been largely due to the promptness and exertions of the members of the department. The city has had narrow escapes from more than one conflagration during the year—notably the Starr

block and the store of Zan Bros., the former occurring in the night and the latter during a heavy wind.

In 1883 total losses amounted to . . . . .	\$319,092 20
In 1884 " " . . . . .	403,851 90
In 1885 " " . . . . .	59,329 73
In 1886 " " . . . . .	98,146 46

We feel that the responsibility of those having in charge the protection of life and property is great.

We appreciate the difficulty experienced by your Honorable Body in providing means for the maintenance of this department on so small an assessment roll, but the destruction of a large amount of property would further decrease the amount of revenue.

We thank your Honorable Body, also Ex-Auditor Norden and assistant G. L. Curry, for many courtesies extended and efforts to meet our requirements during the year just closed.

Respectfully submitted,

GEO. L. STORY, *President.*  
HENRY ACKERMAN,  
JAMES LOTAN,  
*Fire Commissioners.*

## POLICE JUDGE'S REPORT.

OFFICE OF THE POLICE JUDGE OF THE CITY OF PORTLAND, }  
 PORTLAND, OR., January 1, 1887. }

To the Hon. the Mayor and Common Council of the City of Portland:

GENTLEMEN: Herewith I present a tabulated statement of the business disposed of in the Police Court of the City of Portland during the calendar year A. D. 1886, as follows, viz:

QUARTER YEAR.	CASES.		FINES PAID.		COSTS COLLECTED.		TOTALS.	
	State.	City.	State.	City.	State.	City.	Cases	Fines and Costs.
First . . . .	119	472	\$278 00	\$1,248 50	\$120 00	\$40 00	591	\$1,686 50
Second . . . .	72	366	270 00	1,125 00	25 00	12 50	438	1,432 50
Third . . . .	103	432	232 50	1,393 00	45 00	12 50	535	1,683 00
Fourth . . . .	123	543	824 00	2,004 25	. . .	20 00	666	2,848 25
Total . . . .	417	1,813	\$1,604 50	\$5,770 75	\$190 00	\$85 00	2,230	\$7,650 25

Very respectfully,

RALPH M. DEMENT,  
 Police Judge of the City of Portland.

## POLICE COMMISSIONERS' REPORT.

PORTLAND, OREGON, January 5, 1887.

To the Hon. the Mayor and Common Council of the City of Portland:

GENTLEMEN: We respectfully present this our report of the expenses of the Police Department for the past year, in tabulated form. The amounts appropriated and expended for the various sources of expense, as follows:

APPROPRIATIONS FOR	Estimated.	Expended.	Estimated.
Pay of Police . . . . .	\$42,936 00	\$42,196 65	. . . . .
Expenses of Police building . . . . .	2,500 00	1,051 22	. . . . .
Board of prisoners . . . . .	2,000 00	1,541 21	. . . . .
Medical attendance . . . . .	100 00	62 50	. . . . .
Indigent sick . . . . .	1,500 00	1,216 17	. . . . .
Contingent expenses . . . . .	500 00	. . . . .	\$49,536 00
		\$46,067 00	\$49,536 00

We take occasion to assure your Honorable Body that we will exert our utmost endeavors in reducing the expenses of this department, in every reasonable direction, during the coming year.

We have the honor to remain yours respectfully,

B. P. CARDWELL,  
 JOS. SIMON,

Police Commissioners of the Portland Board of Police.