

Council Chamber, Ann Arbor, Mich.,
December 1, 1913, Regular session.
Meeting called to order by the
president. Present: Ald. Schultz,
Fiegel, Hanselmann, A. Lutz, Prochnow,
Koernke, Pipp, Flynn, Sherk,
Hubbard, Rash, Groves, G. Lutz,
Sink, Pres. Schmid—15. Absent,
none. Minutes of previous meeting
approved.

Communication.

Ann Arbor, Mich., Dec. 1, 1913.

To the Honorable, the Common
Council: Gentlemen—I respectfully
announce the appointment of Edward
Blumhardt as patrolman to fill
vacancy on the police force.

R. G. MacKenzie, Mayor.

Ordered on file.

Communication from Mrs. Ander-
son, relative to telephone pole on
Oakland av. near alley between East
University av. and Church st., re-
ceived and referred to Street com-
mittee.

Committee Reports.

FINANCE REPORT.

Contingent Fund.

Ross Granger, salary and clerk hire	\$166.66
Charles L. Miller, salary and clerk hire	108.33
Eugene G. Mann, salary	125.00
Frank B. DeVine, salary	83.33
John A. Wessinger, salary	50.00
M. E. Easterly, salary	50.00
Geo. F. Muehlig, salary	25.00
M. C. Ryan, salary	30.00
Edward Besch, collecting garbage	300.00
Total salaries and services	\$938.32

Fire Fund.

Chas. J. Andrews, salary	\$ 41.66
Eugene Williams, salary	38.50
Geo. Hoelzle, salary	38.50
Ralph Edwards, salary	38.50
Henry McLaren, salary	36.50
Jacob Gwinner, salary	36.50
Arthur Clark, salary	35.00
Max Wittlinger, salary	35.00
Harley Wise, salary	35.00
Martin Noll, salary	35.00
John Behr, salary	35.00
Geo. Isbell, salary	35.00
Mat. Heininger, salary	35.00
Frank Markey, salary	35.00
Thomas Shamp, salary	35.00
Clyde Carpenter, salary	35.00
Arthur Snyder, salary	30.00
Julius Ehnis, salary	30.00
Chas. Carroll, salary	23.00
Frank Kapp, salary	23.00
Total salaries for 1-2 month of November	\$686.16

Police Fund.

John T. Kenny, salary	\$ 41.66
Thos. O'Brien, salary	40.00
Wm. J. Aprill, salary	35.00
Gustave Meyer, salary	35.00
Rex Burnett, salary	35.00
Ruben Armbruster, salary	35.00
Edw. Kuhn, salary	35.00

Wm. Blackburn, salary	35.00
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Total salaries for 1-2 month of November	\$291.66
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Poor Fund.

J. H. Shadford, salary	\$ 35.00
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Cemetery Fund.

Matthaus Luippold, salary	\$ 45.00
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Bridge, Culvert and Crosswalk Fund.

John Wisner, salary	\$125.00
Manley Osgood, salary	125.00
R. M. Caughey, salary	60.00
Julius Loehrke, salary	80.00
J. J. Krauss, salary	85.00
Total	\$475.00

Contingent Fund.

Board of Review.

Wm. Schultz, services	\$ 5.00
Albert Fiegel, services	5.00
Thos. Hanselmann, services	5.00
Albert Lutz, services	5.00
Theo. F. Prochnow, services	5.00
Julius H. Koernke, services	5.00
Henry G. Pipp, services	5.00
Wm. P. Flynn, services	5.00
I. L. Sherk, services	5.00
Geo. Hubbard, services	5.00
Chas. R. Rash, services	5.00
E. W. Groves, services	5.00
George Lutz, services	5.00
Chas. A. Sink, services	5.00
Erwin E. Schmid, services	5.00
Total board of review	\$ 75.00

Washtenaw Gas Co., city hall	\$ 1.35
Eastern Mich. Edison Co., city hall clock	39.28
Washtenaw Electric Shop supplies, etc.	7.08
U. G. Rickert, analysis, etc.	82.50
W. K. Childs, insurance	12.00
Z. P. King, insurance	12.00
Geromo & Miner, insurance	36.00
Germo Mfg. Co., supplies	1.35
Cousins & Hall, supplies	5.00
Dean & Co., Ltd., supplies	2.00
Edwards Brothers, supplies	1.75
Jno. C. Fischer Co. supplies	17.50
Herrick & Bohnet, supplies	2.25
E. G. Hoag, supplies	4.00
The Mayer-Schairer Co., supplies	4.75
Schumacher Hardware Co., supplies	6.50
D. F. Woodward, supplies	3.65
The Times News Co., printing	171.95
Davis & Ohlinger, printing	11.25
Clyde C. Kerr, printing	34.25
Chas. F. Meyers, printing	4.15
Ann Arbor Garage, use of auto	3.00
E. W. Groves, use of auto	2.00
C. H. Brock, livery	1.00
Mrs. C. A. Ranson, meals, election	7.00
R. W. Steere, water	2.40
Jas. W. Green, cleaning chimney	12.00
John Young, repairs	.50
Ross Granger, express, etc., paid	1.85
Total supplies, etc.	\$490.31

Contingent fund total	\$1,503.63
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Fire Fund.

Jos. Seabolt, substitute	3.00
Washtenaw Gas Co., light	17.60
Eastern Mich. Edison Co., light	6.08
Washtenaw Electric shop supplies	.35

White Swan Laundry Co., laundry	11.38
The City Ice Co., supplies	5.75
E. T. Alber, supplies	15.00
Ann Arbor Machine Co., supplies	2.80
H. G. Ehnis, supplies, etc	24.55
Goldman Bros., supplies	2.00
Martin Haller, supplies	25.75
Luick Bros. & Co., supplies	13.70
Mack & Co., supplies	20.00
Muehlig & Schmid, supplies	2.27
Schumacher Hardware Co., supplies	2.95
Geo. Crittenden, oats	40.40
Wm. Schlee, oats	34.68
L. Canby, hay	35.95
C. W. Cornwell, horseshoeing	16.40
A. C. Hetsler, horseshoeing	4.00
Sebold & Esslinger, horseshoeing	22.00
Chas. J. Andrews, express paid	.78

Total supplies, etc\$307.39

Fire fund total\$993 55

Police Fund.

Standard Oil Co., gasoline	10.71
Ann Arbor Taxicab Co., supplies, etc.	28.94
John T. Kenny expenses paid	5.75

Total supplies, etc\$ 45.40

Police fund total\$337.06

Poor Fund.

G. Fred Staebler, supplies	7.89
Theurer & Walker, supplies	15.72
A. Lemble, Jr., supplies	13.90
Quarry Drug Co., supplies	1.30
W. H. L. Rohde, coal	8.60
Schultz Bros., supplies	4.00
Miss Anna Ladd, for Old Ladies' home	3.50
Jas. G. Zwaluwenburg, services	5.00
F. J. Muehlig, burial	10.00

Total supplies, etc\$ 69.91

Poor fund total\$104.91

Street Lighting Fund.

Eastern Mich. Edison Co., light \$1,300.89

Park Fund.

Ray E. Bassett, labor	48.00
Geo. Collins, team	27.00
J. F. Garner, labor	1.20
Harold Griffin, labor	1.20
James Hamel, labor	2.00
Geo. M. Hoak, labor	.88
Geo. Inkerman, labor	1.00
B. F. Markey, labor	4.00
J. W. Markey, supt.,	56.25
J. W. O'Brien labor	16.00
W. J. Randel, labor	4.00
Paul H. Reynolds, labor	.88

Total labor\$162.41

Cousins & Hall, supplies 33.92 |

Ann Arbor Civic Asso., supplies 12.50 |

S. A. Elsifor, cartage and freight 4.46 |

Total supplies, etc\$ 50.88

Park fund total\$213.29

Sidewalk Fund.

Adam Stoll, labor 1.12 |

David Henning, team 8.00 |

Total\$ 9.12

Bridge, Culvert and Crosswalk Fund.

A. Beltz, labor	20.67
Fred Biggs, labor	24.00
Wm. Clark, labor	26.25
John Dalgliesh, labor	20.67
Jos. F. Gloeser, labor	27.50
Wm. Graf, labor	19.33
Geo. Greening, labor	20.67
Mike Hession, labor	20.56
L. E. Hutchison, labor	21.25
Sam. Kalmbach, labor	20.45
Jim Koravias, labor	21.13
Matt. Luippold, labor	1.50
G. J. Mack, labor	20.67
Geo. Miley, labor	16.45
Chas. Reick, labor	5.88
W. H. Homig, labor	17.33
A. G. Schneeberger, labor	17.44
Much. Soldatis, labor	5.50
Adam Stoll, labor	21.94
Fred Ulrich, labor	32.00
Joe Youngbauer, labor	23.13
Lu. Bucholz, team	13.50
E. S. Dunbar, team	34.50
R. S. Ellis, team	6.50
S. A. Elsifor, team	9.90
J. O. Ganzhorn, team	4.00
J. W. Green, team	1.50
F. G. Hanselman, team	39.25
David Henning, team	28.75
John U. Huber, team	30.67
Mrs. H. Marquardt, team	3.00
John McHugh, team	40.25
John Moore, team	2.25
Geo. Schaible, team	31.34
Walter Schneider, team	11.00
Claude Young, team	6.50

Total labor \$667.23

Engineer's Dept.

A. M. McConnell, labor	17.25
C. J. Hash, labor	7.62
W. C. Russell, labor	18.30
John P. Thomas, labor	2.40
R. S. White, labor	19.95
C. M. Williams, labor	15.00

Total \$ 80.52

Peerless Portland Cement Co., cement 156.14 |

Ohio & Mich. Sand & Gravel Co., gravel 9.00 |

J. I. Holcomb Mfg. Co., supplies 11.40 |

John C. Fischer Co., supplies 5.99 |

Hochrein & Co., supplies 27.13 |

W. H. L. Rohde, supplies 70.24 |

Christian Schlenker, supplies 9.35 |

D. J. Malloy, supplies, etc. 24.35 |

Benz Bros., hay 15.00 |

Hertler Bros., oats, etc 40.91 |

Washtenaw Gas Co., tar and rent of land 153.19 |

C. E. Godfrey, cartage 5.40 |

Ann Arbor Water Co., pavements, etc. 530.62 |

Hochrein & Reimold, Willard st. storm sewer 8.04 |

Bailey & Edmunds, repairs 1.55 |

Seybold & Esslinger, repairs, etc. 27.05 |

M. F. Finkheimer, supplies, etc. 9.70 |

John Wisner, express paid 1.10 |

Total supplies, etc\$1,106.08

Bridge, Cul. and Crosswalk fund	
total	\$2,328.83
Labor Acc. Sewer Dist. No. 49.	
Hochrein & Reimold, 5 per cent retained	13.93
Labor Acc. Sewer Dist. No. 55.	
E. L. Schneider, third estimate..	\$1,176.49
Labor Acc. Sewer Dist. No. 61.	
E. L. Schneider, first estimate	499.50

RECAPITULATION.

Contingent fund	\$1,503.63
Fire	993.55
Police	337.06
Poor	104.91
Cemetery	45.00
Street Lighting	1,300.89
Park	213.29
Sidewalk	9.12
Bridge, Culvert and Crosswalk..	2,328.83

Total City funds\$6,836.28

Sewer Districts.

Labor accounts—	
Dist. No. 49	\$ 13.93
Dist. No. 55	1,176.49
Dist. No. 61	499.50

Total Sewer funds\$1,689.92

Grand total\$8,526.20
Ann Arbor, Mich., Dec. 1, 1913.

To the Finance Committee of the Common Council:

Gentlemen—I have examined the foregoing accounts against the city of Ann Arbor, and I hereby certify that they are correct to the best of my knowledge.

ROSS GRANGER, City Clerk.

To the Honorable, the Common Council:

Gentlemen—Your Finance Committee has reviewed the foregoing report of the City Clerk. We recommend that same be approved and that warrants be ordered drawn for the foregoing accounts.

GEO. LUTZ, THEO. F. PROCHNOW, ALBERT FIEGEL, Finance Committee.

Ald. Geo. Lutz moved the adoption of the report.

Adopted as follows: Yeas, Ald. Schultz, Fiegel, Hanselmann, A. Lutz, Prochnow, Koernke, Pipp, Flynn, Sherk, Hubbard, Rash, Groves, G. Lutz, Sink, Pres. Schmid—15. Nays, none.

Ordinance Committee.

Ald. Schultz presented an ordinance to amend Section 8 of an ordinance entitled, "An ordinance relative to the use of streets and other public places," passed November 4th, 1895; approved November 5th, 1895; amended June 5th, 1899; amended October 20th, 1913, which was given its third reading as follows:

An Ordinance to Amend Section 8 of an Ordinance entitled "An Ordinance Relative to the Use of Streets and Other Public Places, Passed November 4th, 1895; approved November 5th, 1895; amended June 5th,

1899; amended October 20th, 1913.

The Common Council of the city of Ann Arbor Ordain:

Section 1. That Section 8 of an Ordinance entitled, "An Ordinance Relative to the Use of Streets and Other Public Places," passed November 4th, 1895; approved November 5th, 1895; amended June 5th, 1899; amended October 20th, 1913, be and the same is hereby amended to read as follows:

Section 8. No person shall cause or permit any horse, cow, sheep, hog, mule, or other similar animal, or any cart, carriage, dray, hack, cutter, or other vehicle under his care or control, to go upon any sidewalk in any street, alley or other public place in this city, except for the purpose of leaving or entering yards or buildings at such places as are regularly intended for such purposes. No person shall permit any horse, cow, sheep, hog, mule, or other similar animal, or wagon, cart, carriage, dray, hack, cutter, sled or other vehicle to halt or remain upon any sidewalk or crosswalk so as to obstruct or impede public travel thereon. Nor shall any persons make use of any sidewalk in any street alley or other public place in this city for skating, or for coasting with sleds, or for riding or going from place to place with bicycles, motor cycles or velocipedes: Provided, That nothing herein contained shall be construed to prevent the customary use of baby carriages upon sidewalks, and children under the age of six years are hereby especially excepted from the operation of the provision concerning bicycles and velocipedes.

This Ordinance shall take effect and be in force on and after ten days from legal publication.

The Chair put the question, "Shall this ordinance pass?"

Passed by following vote: Yeas, Ald. Schultz, Fiegel, Hanselmann, A. Lutz, Prochnow, Koernke, Pipp, Flynn, Sherk, Hubbard, Rash, Groves, G. Lutz, Sink, Pres. Schmid—15. Nays, none.

Water Works Department.

Ald. Schultz presented "An ordinance relative to the creation of a waterworks department and the management and control of the municipal waterworks plant of the City of Ann Arbor," which was given its third reading as follows:

An Ordinance relative to the creation of a water-works department, and the management and control of

the Municipal Waterworks plant of the city of Ann Arbor.

The Common Council of the city of Ann Arbor ordain:

Section One. For the purpose of the operation of the Municipal Waterworks system of the city of Ann Arbor, there shall be and is hereby created and established a department to be known as the waterworks department of the city of Ann Arbor, and all business connected with or pertaining to the waterworks system of the city of Ann Arbor shall be transacted and controlled under the management and direction of the waterworks department.

Section Two. The waterworks department shall be operated and controlled by a board of three commissioners, who shall be known and called the Board of Water Commissioners, and who shall be elected to office by the Common Council, one to hold office until the first Monday in May, 1915, one to hold office until the first Monday in May, 1917, and one to hold office until the first Monday in May, 1919, and bi-annually thereafter on the first Monday in May, commencing with May, 1915, the Common Council shall elect one commissioner for the term of six years, and who shall hold his office until his successor shall be appointed and qualified. All of said commissioners shall be duly qualified electors of the city of Ann Arbor, Mich. The said Board of Water Commissioners shall have full and complete control of the waterworks department of the city of Ann Arbor, except as hereinafter provided.

Section Three. Each member of the said Board of Water Commissioners shall receive as compensation for his services, from the city, the sum of \$10.00 per regular meeting and the said commissioners shall be subject to removal from office as prescribed in the charter of the city of Ann Arbor for the removal of other city officers. All vacancies on the Board of Water Commissioners shall be filled for the unexpired term by the Common Council. No member of the Board of Water Commissioners shall, during his term of office, be a member of the Common Council, nor at any time interested, directly or indirectly, in any contract for the supplying of labor, material or any kind of supplies for or on account of the construction, operation, maintenance or repair to the waterworks system of the city.

Section Four. The said Board of Water Commissioners shall appoint a

general manager of the waterworks department, and may remove such manager in their discretion, whose duty it shall be to collect, receive and pay into the city treasury all moneys due on account of the operation of the said municipal waterworks. All such moneys shall be turned over to the city treasurer before the close of banking hours, and he shall keep a set of books which shall contain a full and correct statement of the condition and operation of the waterworks system, and of all money received and paid out by order of the commissioners or otherwise, and of the debts due and owing to the said waterworks department, for any cause or from any source whatsoever, also a correct account of all the expenses of the waterworks department. The general manager shall have power and authority, on the authorization of the Board of Water Commissioners, to appoint and employ such officers, agents and persons as shall or may be necessary to enable him to carry on and manage in the best manner possible the business under his charge, and he may discharge any such person so appointed by him at pleasure. In appointing any such officers or agents the general manager shall require and it shall be his duty to take proper security by way of bond or otherwise, in the name of the city, conditioned for the faithful performance of the duties of any such officer or agent or employe who shall or may be entrusted with the care, collection or disbursement of any moneys or other property placed under his control. And it shall be the duty of the treasurer of the city of Ann Arbor to receive all moneys which shall or may be paid into his hands as such treasurer on account of the said waterworks department, and all money so received shall be retained by the city treasurer, and forthwith deposited in the bank or banks which shall or may for the time being be the city depository, and shall pay the same out only on the order of the Board of Water Commissioners. And the city treasurer shall at all times keep a detailed and exact account thereof, in such manner as to show at all times the exact financial condition of the said waterworks department, and the general manager shall audit and countersign all bills and accounts allowed by the Board of Water Commissioners, and also all other evidences of indebtedness of the said waterworks department, and shall keep a full and complete account

thereof, and shall also keep an account with the city treasurer showing the amount received from all the different sources of revenue of the said department and of the amounts deposited with the city treasurer. And the Common Council shall annually employ an accountant to audit the books and records of the waterworks department, the same to be done at the time and in the manner as other city books shall or may be audited, and the said auditor shall report the result of such audit to the Common Council, and the same shall be made a record of the Common Council. And it shall be the duty of the Board of Water Commissioners and of the said general manager to make a quarterly report to the Common Council of the financial condition of the waterworks department, and of the receipts and expenditures on account of the same.

Section Five. The senior member of the said Board of Water Commissioners shall act as the president of the said board and the general manager of the waterworks department or some other employe of the department to be designated by the commissioners shall act as secretary. It shall be the duty of the president to preside at all meetings of the board, and to see that all orders and regulations of the board are executed and complied with, that all contracts with the board, or in the name of the city, are duly performed, and shall perform such other duties as shall or may be lawfully required of him by the board, or in the absence of the president, the board may appoint from its members a president pro tem, who shall perform all the duties and have all the power and authority of the president for the time being. It shall be the duty of the secretary of the board to keep a complete record of the board's proceedings and he shall keep a full complete and separate account of the receipts and expenditures on account of the waterworks system and shall perform such other duties as the board shall or may from time to time prescribe.

Section Six. The Board of Water Commissioners shall require the general manager, before entering upon the discharge of his duties, to take and subscribe the usual oath of office, and to execute and deliver to the city clerk a bond in the penal sum of ten thousand dollars, to the city of Ann Arbor, which bond is to be approved by the Common Council, conditioned that he shall and will faithfully dis-

charge all the duties of the office of manager of the waterworks department, and to pay and account for all sums of money which shall or may come to his hands, or at any time under his control, as such manager, and the said manager and all other persons employed by the waterworks department shall receive such salary and compensation as shall be fixed from time to time by the Board of Water Commissioners, with the approval of the Common Council.

Section Seven. The Board of Water commissioners shall hold two regular meetings each month at a fixed time; special meetings may be called at any time by the president on personal notice of the secretary to the members of the board. No business shall be transacted at any meeting unless at least two of the commissioners shall be present, and the board shall not make any order or adopt any resolution whereby any indebtedness against the city is incurred, or enter into any contract to bind the city or the waterworks department, except by a vote of at least two members of the board voting in favor thereof. Where the subject matter of such resolution shall involve the payment of money, or the creation of any liability, the same shall not be passed except upon a roll call, the names of the members voting for and against the same shall be entered on the record.

Section Eight. The Board of Water Commissioners shall not at any time enter into any contract or obligation, or in any manner pledge the credit of the city, for a greater sum of money than shall have therefore been placed at its disposal, which fund shall be known as the waterworks department fund: Provided, that all contracts entered into by the Board of Water Commissioners for and on behalf of the waterworks department shall be signed by the president of the Board of Water Commissioners and city clerk, as provided by the charter of said city.

Section Nine. No person, firm, corporation, or association shall be allowed free use of water, nor shall there be any discrimination among water users of like classes, and rebates and special rates shall never be allowed to any person, firm, association or corporation. The present water rates shall remain until changed by competent authority. The present ordinance relating to water rates shall be binding on the Board of Water Commissioners until changed in due form

of law by the Common Council, and the Common Council shall have power and authority from time to time to fix, change and regulate the water rates on the recommendation of the Board of Water Commissioners as occasion shall or may require, and the said ordinance fixing water rates now in force or hereafter to be passed by the Common Council, shall be binding on the Board of Water Commissioners, and on the inhabitants of the city, and the terms thereof shall be deemed and considered to enter into and to constitute a part of the contract of every person with the waterworks department who shall or may take or be supplied with water from the waterworks department of the city of Ann Arbor.

Section Ten. The Board of Water Commissioners shall not furnish water to consumers outside of the city limits except upon the authorization of the Common Council.

Section Eleven. The Board of Water Commissioners shall have power and authority to make, complete and promulgate rules and regulations in relation to the use of water supplied to the inhabitants of the city of Ann Arbor by the waterworks department, and from time to time to alter and change the same, but no such rule or regulation shall conflict with any ordinance of the city of Ann Arbor, or with any order or resolution of the Common Council. And all such rules and regulations so made, published and declared by the Board of Water Commissioners shall be binding upon all water users, and shall be deemed and considered a part of the contract made with every person who shall or may take water from the waterworks department of the city of Ann Arbor.

This Ordinance shall take effect and be in force on and after legal publication.

Moved by Ald. Groves, that Section 3 be amended to read \$10.00 per regular meeting in place of \$5.00.

Amendment adopted as follows: Yeas, Ald. A. Lutz, Prochnow, Koernke, Flynn, Sherk, Hubbard, Rash, Groves, G. Lutz—9. Nays, Ald. Schultz, Fiegel, Hanselmann, Pipp, Sink, Pres. Schmid—6.

Moved by Ald. Fiegel, that the words, "subject to the approval of the Common Council," be added after the words, "appoint a general manager of the waterworks department," in first line of section 4.

Lost as follows: Yeas, Ald. Fiegel,

Hanselmann, A. Lutz, Koernke, Pres. Schmid—5. Nays, Ald. Schultz, Prochnow, Pipp, Flynn, Sherk, Hubbard, Rash, Groves, G. Lutz, Sink—10.

The Chair put the question, "Shall this ordinance pass as amended?"

Passed by following vote: Yeas, Ald. Schultz, Hanselmann, Prochnow, Koernke, Pipp, Flynn, Sherk, Hubbard, Rash, Groves, G. Lutz, Sink, Pres. Schmid—13. Nays, Ald. Fiegel, A. Lutz—2.

Water Committee.

Moved by Ald. Prochnow, that the water committee of the Council be given power to act in the matter of water meter at University power plant.

Adopted as follows: Yeas, Ald. Schultz, Fiegel, Hanselmann, A. Lutz, Prochnow, Koernke, Pipp, Flynn, Sherk, Hubbard, Rash, Groves, G. Lutz, Sink, Pres. Schmid—15. Nays, none.

Lighting Committee.

To the Honorable, the Common Council: Gentlemen—Your lighting committee have had the following matters under consideration and respectfully recommend:

That an arc light be placed at corner of Granger av. and Ferdon road; that a tungsten light be placed at curve west of intersection of Hill st. and Washtenaw av.; that a tungsten light be placed at corner of Baldwin av. and Wells st.; that an arc light be placed at corner of Jefferson and Third sts.; that a tungsten light be placed at west end of Bath st.

That the tungsten light now at corner of Dewey av. and Packard st. be removed and placed at corner of Woodlawn av. and Packard st., east side, and an arc light put in its place.

That the tungsten light now at corner of Third and Liberty sts. be moved out to the street curb.

Respectfully submitted, Julius H. Koernke, Thos. Hanselmann, Wm. P. Flynn, Lighting committee.

Ald. Koernke moved the adoption of the report.

Adopted as follows: Yeas, Ald. Schultz, Fiegel, Hanselmann, A. Lutz, Prochnow, Koernke, Pipp, Flynn, Sherk, Hubbard, Rash, Groves, G. Lutz, Sink, Pres. Schmid—15. Nays, none.

Officers' Reports.

To the Council: Gentlemen—The amount of outstanding pavement bonds at this time is \$1,843.37, not including the bonds ordered November 17th, amounting to \$8,255.81.

which would make the total outstanding \$150,099.18, and \$99.18 over the limit provided by our charter. I therefore recommend that the City Treasurer be ordered to cancel pavement bond No. 4 of pavement district No. 28, amount \$244.16; making pavement bonds outstanding \$149,855.02 and within the limit. This includes Church st. pavement bonds. The City will redeem \$18,846.78 in pavement bonds August 1st next, making it possible to issue bonds to that extent for pavement next year. Ross Granger, City Clerk and Comptroller.

Moved by Ald. Geo. Lutz, that report be accepted and recommendation adopted.

Adopted as follows: Yeas, Ald. Schultz, Fiegel, Hanselmann, A. Lutz, Prochnow, Koernke, Pipp, Flynn, Sherk, Hubbard, Rash, Groves, G. Lutz, Sink, Pres. Schmid—15. Nays, none.

From Board of Public Works.

Engineer's Office, Ann Arbor, Michigan, Nov. 11, 1913.

To the Board of Public Works, Ann Arbor, Michigan:

Sirs—I submit the following statement of the cost of the paving done in 1911, 1912 and 1913, in paving District No. 20, showing the cost and a unit price for work done each year, the unit prices for the completed district as a whole and the distribution of the costs:

Work completed in 1911:

Labor—	
Grading	\$ 427.30
Mixing and laying concrete.	389.87
Filling expansion joints and tarring	20.69
Total	\$ 837.86
Gravel—	
For concrete 329 loads at \$1.00	\$ 329.00
For wearing surface	9.85
Total	\$ 338.85
Cement—	
For pavement 395 bbl. at \$1.05	\$ 414.75
For curbing 150.5 bbl. at \$1.10	165.55
Total	\$ 580.30
Curbing—	
Amount paid contractors...	\$ 917.29
800 gal. tar at \$0.08.....	64.00
Demurrage and rental of tank cars	2.53
Total	\$ 66.55
Water 8012 cu. ft. at 25c per 100 cu. ft.	20.03

Supplies—

Oil	\$ 1.35
Plow points	6.00
Coal	5.00
Total	\$ 12.35
Lumber and mill work.....	9.20
Engineer, advertising, superintendence and tools, 1920 sq. yds at 10c	192.00
Total	\$2,974.44
Which, exclusive of curbing and grading, gives a cost of 74c per sq. yd.	

Work completed in 1912:

Labor—	
Grading	\$ 665.63
Mixing and laying concrete.	359.42
Filling expansion joints and tarring	69.42
Total	\$1,094.47

Gravel—

For concrete, gravel and hauling	\$ 384.70
(Gravel for tarring was salvaged from Ashley st. Cost for hauling appears in labor account.)	

Cement—

389.5 bbl. at 92c	\$ 358.34
Pitch filler for expansion joints	13.44
Tar for wearing surface....	54.41
Water, 6384 cu. ft. at 25c per 100 cu. ft.	15.96

Supplies—

Plow points	3.19
Coal	5.94
Oil	1.29
Total	\$ 10.24
Monument castings	7.75
Lumber and mill work.....	15.80
Engineering, advertising, superintendent and tools, 1388.5 sq. yds., exclusive of driveways at 10c.....	138.85

Total	\$2,093.96
Which, exclusive of curbing and grading, gives a cost of \$1.00 per sq. yd.	

Work completed in 1913:

Labor—	
Grading	\$ 27.37
Mixing and placing concrete.	760.08
Filling joints and tarring..	70.77
Total	\$ 858.22

Gravel—

For concrete	\$ 569.49
For tarring: 2373 sq. yds. at \$.005	11.85

Total	\$ 581.26
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Cement—

For concrete, 823.75 bbl. at \$1.14	\$ 939.08
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Asphalt filler for expansion joints	18.08
Tar for wearing surface, 1164 gal. at \$0.05.....	58.20
Water, 10670 cu. ft. at 25c per 100 cu. ft.	26.79
Supplies—	
Coal	8.30
Wood	4.10
Oil	1.81
Monument castings	4.50
Lumber and mill work	24.47
Engineering, advertising, superintendence and tools, 2373.1 sq. yds. at 10c.....	237.31

Total\$2,762.63

Which, exclusive of curbing and grading, gives a cost of \$1.15 per sq. yd.

Combining the three statements above gives the following for the total costs in this district:

Labor—	
Grading	\$1,120.30
Mixing and placing concrete.	1,509.37
Filling joints and tarring.. ..	160.88

Total\$2,790.55

Gravel—	
For concrete	\$1,283.10
For wearing surface	21.71

Total\$1,304.81

Cement—	
For concrete	\$1,712.17
For curb	165.55

Total\$1,877.72

Curbing—	
Amount paid contractors...\$	917.29
Filler for joints and tar for wearing surfaces	211.29
Water	62.69
Supplies	36.80
Monument castings	12.25
Lumber and mill work	49.47
Engineering, advertising, superintendence and tools.. ..	568.16

Total\$7,821.03

Less—	
For work done for Ann Arbor Water Co.	5.40
Paving and curbing in drives	99.22
Total	\$ 104.62

Total\$7,726.41

Unit costs based on 5681.6 sq. yds. (total less 83.2 sq. yds. paid for in driveways.)\$7,726.41

Cost per sq. yd. complete....	1.36
Cost for grading and paving	1.16
Cost for concrete paving wearing surface93
Cost for filling joints and	

wearing surface only.....	.08
Cost for concrete pavement only85
Cost for change grade on Oswego st., chargeable to city at large—	
Refilling and rolling	\$ 413.41
Amount paid contractors for new curbing	317.73
Cement for curbing	44.75

Total\$ 775.89

Distribution of Cost—	
Total cost, including change of grade	\$8,502.30
City's portion—	
Cost of changing grade as above	\$ 775.89
Cost of excavating portion refilled 903 cu. yds. at \$0.3588	324.00
Cost of intersections.....	1,096.52
20 per cent of remainder... ..	1,261.17

Total\$3,457.58

Property owner's portion...\$	5,044.72
The added costs over the Engineer's estimate are as follows:	
For city	\$1,574.66
For property	968.74

Total\$2,543.40

Very respectfully submitted, Manley Osgood, City Engineer.
Engineer's Office, Ann Arbor, Mich., Nov. 17, 1913.

To the Board of Public Works, Ann Arbor, Mich: Sirs—I submit the following statement of the cost of the pavement on W. Liberty st., District 28, showing unit prices and the distribution of the total cost:

Labor—	
Grading	\$2,752.60
Mixing and laying concrete.	4,211.62
Filling joints and tarring... ..	457.63
Total	\$7,521.85
Gravel—	
For concrete: Bank gravel..\$	2,782.14
Washed sand	522.75
Total	\$3,304.89
For tarring	78.06

Total\$3,382.95

Cement—	
For concrete: 5172.75 bbl. in cloth at \$1.14.....	\$5,896.93
85 bbl. in paper at \$1.24....	105.40
16 bbl. bought locally at \$1.30	20.80
Total	\$6,023.13
For curbing: 288 bbl. at \$1.14	328.61
Hauling	3.00

Total\$6,354.74

Curbing, amount paid to contractors	\$1,735.38
Asphalt and Tar—	
47 bbl. asphalt at \$4.52.	195.14
5 bbl. asphalt at \$4.73	23.65
Total	218.79
7014 gal. tar at \$0.05.....	350.70
Total	569.49
Water: 72579 cu. ft. at 25c per 100	181.45
Supplies—	
Coal	63.41
Oil	9.92
Stakes	3.00
Plow points	24.44
Rubber boots	4.50
Tar paper	1.08
Wood	17.40
Total	123.75
Lumber and mill work.....	98.94
Monument castings	29.25
Engineering, advertising, superintendence and tools, 15612.49 sq. yds. at 10c..	1,561.25
Total	\$21,559.05
Less—	
Work for public service corporations	35.42
5 loads gravel used for extensions	5.75
Curbing, grading and paving in drives	680.98
Total	\$ 722.15
Total	\$20,836.90
Distribution of Cost—	
City's portion	
For intersections	\$2,799.55
20 per cent of remainder... ..	3,609.47
Total	\$6,409.02
Property owners' portion..	\$14,427.88
Unit costs, based on 15612.49 sq. yds. (total with area of driveways deducted)	\$20,836.90
Cost per sq. yd. complete.....	\$1.335
Cost per sq. yd. for grading and paving	1.19
Cost per sq. yd. for concrete paving and wearing surface	0.984
Cost per sq. yd. for filling joints and wearing surface..	0.082
Cost per sq. yd. for concrete pavement, only	0.902
Added costs over the Engineer's estimate are as follows:	
For the city	\$ 950.50
For the property owners... ..	1,491.10
Total	\$2,441.60

Very respectfully submitted, Manley Osgood City Engineer.

City Engineer's Office, Ann Arbor, Mich., Nov. 17, 1913.

To the Board of Public Works, Ann

Arbor, Michigan: Sirs—I submit the following statement of the cost of the pavement on W. Huron st., District 29, showing unit prices and the distribution of the total cost:

Labor—	
Grading	\$2,323.48
Mixing and laying concrete.	4,007.61
Filling joints and tarring... ..	442.24
Total	\$6,773.33
Gravel—	
For Concrete:	
2726 loads including hauling at \$1.15	\$3,134.90
15 loads not including hauling at 25c.....	3.75
Total	\$3,138.65
For Tarring: 14130 sq. yds. pavement at \$0.005	70.65
Total	\$3,209.30
Cement—	
Total	\$5,827.32
For concrete pavement:	
4839.75 bbl. in cloth at \$1.14	\$5,517.32
250 bbl. in paper at \$1.24..	310.00
Total	\$ 827.32
For curbing: 262.5 bbl. at \$1.14	\$ 299.25
Hauling	5.00
Total	\$ 304.25
Total	\$6,131.57
Curbing—	
Amount paid to contractor..	\$1,742.30
Asphalt and Tar—	
53 bbl. asphalt at \$4.152....	\$ 220.06
10 bbl. asphalt at \$4.73....	47.50
407 lb. pitch	14.55
6348 gal tar at \$0.05.....	317.40
Total	\$ 599.31
Water—	
67323 cu. ft. at 25c.....	\$ 168.31
Supplies—	
Coal	\$ 68.30
Stakes	3.00
Oakum	5.32
Plow points	19.23
Tar paper and iron	4.68
Boots	4.50
Repairs and sharpening tools	5.20
Oil	9.12
Wood	22.20
Total	\$ 141.55
Lumber and mill work.....	\$ 111.50
Monument castings, 15 at \$2.25	\$ 33.75
Engineering, advertising, superintendence and tools, 14130.6 sq. yds. at 10c....	\$1,413.06
Total	\$20,823.98

Less—	
Work for Public Service corporations	\$ 16.19
6 loads gravel used for sewer repairs	6.90
Curbing and paving in driveways	1,043.28
Total	\$1,066.37

Total

City's portion—	
For intersections	\$2,747.69
20 per cent of remainder...	3,302.00
Total	\$6,049.69

Property owners' portion ..\$13,208.61
Unit costs based on 14,130.6 sq. yds. (total with driveways deducted) and \$19,257.61.

Cost per sq. yd. complete.....	\$1.36
Cost per sq. yd. for grading and paving	1.205
Cost per sq. yd. for concrete pavement and wearing surface	1.01
Cost per sq. yd. for filling joints and wearing surface..	0.09
Cost per sq. yd. for concrete pavement only	0.92
Added costs above estimate:	
For city	\$1,638.47
For property	1,632.34

Total

Very respectfully submitted, Manley Osgood, City Engineer.

STREET COMMISSIONER'S REPORT.

..Ann Arbor, Mich., Nov. 8, 1913.
..Hon. Board of Public Works, Wirt Cornwell Esq., President: Gentlemen—
The following is a report of the work done by the Street Department during the month of October, 1913:

Oct. 2-15, 16-29, cleaning paved streets, labor	\$443.76
Cleaning alleys, labor	15.23
Cleaning leaves from paved streets, labor	221.02
Cleaning leaves from gutters dirt streets, labor	207.99
(South 4th ave; Jefferson; Maynard; S. University; E. University; Monroe; Detroit; South Division.)	
Grading, graveling and patching dirt streets, labor	278.34
(Grading: Granger ave; Jackson ave; White st.; Cort Ann and Observatory; Graveling: North Division; Beakes; Fardon road; Summit; Hill; Clark; West Washington; S. Main; Broadway; South 4th ave. and Philip street, and patching holes in dirt streets in the different wards.)	
Cleaning crosswalks, labor	16.54
Extensions and crosswalks, labor	133.92
(Extensions: N. E. & N. W. cors. Liberty & 8th st.; N. W. & S. W. cors. Liberty & 7th st.; S. W. cor. 5th ave. and Depot; South side Liberty, A. A. R. R. to 1st st.; S. E., S. W., N. E. & N. W.	

cors. S. University and Church; S. E. and N. W. cors. Willard & Church; N. W. cor. Mack road and Elm st.; S. E. cor. Church & Oakland; north side Liberty A. A. R. R. to 1st st.; extension south S. W. cor. 1st and Liberty; repairs curb south side Huron at garage driveway; setting brick at gutter box Miller ave., between 1st and Spring; relaying brick sidewalk west side 1st st. from Liberty street north about 150 ft.; repairs crosswalk, 2d and Jefferson.)

Repairs pavements and laying pavements at intersections to match with new paving, labor

55.99
(Laying at new paving: Intersection Crest ave., south side Huron; Huron at Forks, south side; repairs concrete pavements: Oxford rd. & Hill st.; Wash-

tenaw and Hill; 12th and Washington; Mary st.; repairs brick and stone: S. E. cor. Main and Washington; alley between Liberty and William, west of Main st.)

Cutting weeds, labor

4.25
Repairs gutters, boxes and inlets, labor

44.08
(Raising inlets S. E. cor. Main and Washington, on Main and on Washington;

laying tile: Hill, between 4th and 5th ave., under sidewalk west of railroad; Granger ave.; Olivia ave.; west side South

Main at culvert; repairs inlet and gutter box: 4th ave. & Depot across Depot st.; repairs inlet: S. W. cor. William & 5th

ave.; repairs gutter boxes: Catherine & Division; Dexter road.)

Grading streets with scraper, labor

26.87
(Observatory; Olivia; Dexter ave.; Jackson ave. and other dirt streets.)

Miscellaneous work and repairs, labor

115.81
(Foreman city yard and handling empty

cement sacks, \$47.78—unloading coal, poor master, \$9.76—making street sweeper

brooms, \$6.00—handling lumber, \$7.78—laying up and painting cement mixers

and steam road roller, \$13.20—painting roof shed, rear city hall, 6.38—shoveling

coal for mixers, etc., \$2.25—heating city tar tank, \$2.50—removing brick and ashes

basement city hall, \$4.78—handling material at city yard, \$8.99—hauling brick,

etc., \$4.11—clearing up city hall shed and hauling tools, \$2.59—hauling cement,

\$1.00—cleaning gravel from gutters Wash-

tenaw ave. at cor. North and East University, \$1.75.)

Unloading cars cement, labor

5.00
Repairs culvert 5th street, extending wing

wall north and south on east side culvert, labor

9.44
Unloading cars gravel, labor

8.90
Grading for sidewalks, labor

32.25
(Woodlawn; Hill, between 4th and 5th

ave., north side at A. A. R. R.; Wash-

tenaw ave. east of Fair Oaks Parkway;

filling at 1st and Liberty; cinders S.

Main between Jefferson and Madison.)

City Eng. Acct.—

Inspecting and work on new sanitary

sewers, labor

37.50
Flushing sanitary sewers, labor

5.88
Inlets and storm and sanitary sewer work

Forks, West Huron, labor

3.75

Inlet at Campus & State stt. labor 0.50
 Total\$ 47.63
 Cleaning gutters dirt streets, labor 59.38
 (North Division; Olivia; Jackson ave.;
 Depot st.; North 7th street to culvert.)
 Tarring pavements, labor 14.09
 (North and South 5th avenue, joints.)
 West Liberty street paving No. 28, labor
 acct. 62.82
 West Huron street paving No. 29 434.73
 Church street paving No. 30..... 24.50

Total\$2,245.89
 Respectfully submitted, J. WISNER,
 Street Commissioner.

Engineer's report on construction of pavements in districts No. 20, Hill and Oswego sts.; No. 28, W. Liberty st.; and No. 29, W. Huron st., and St. Commissioner's report of work done by that department during month of October, accepted and ordered printed with proceedings. City Marshal's report for month of November received and ordered on file.

By Ald. Geo. Lutz: Resolved, that the finance committee be authorized to purchase one set of six volumes of McQuillan on municipal corporations, for the City Attorney's office, the same to remain the property of the City. Ald. Groves supported the resolution.

Adopted as follows: Yeas, Ald. Schultz, Fiegel, Hanselmann, A. Lutz, Prochnow, Koernke, Pipp, Flynn, Sherk, Hubbard, Rash, Groves, G. Lutz, Sink, Pres. Schmid—15. Nays, none.

Moved by Ald. Geo. Lutz, that the City Clerk notify the Detroit, Jackson and Chicago Railway Company to replace the brick crossings at intersection of Monroe and S. Thayer sts. at once.

Adopted.

The Council adjourned.

ROSS GRANGER, Clerk.