

Council Chamber, Ann Arbor, Michigan, November 4th, 1912. Regular session.

Meeting called to order by the president. Present, Ald. Schmid, Hochrein, Koernke, Flynn, Manwaring, Ramsay, Lindenschmitt, Prochnow, Pipp, Sherk, Rash, Lutz, Pres. Mills, 13. Absent, Ald. Schultz, Murray, 2. Minutes of previous meeting approved.

Petitions.

From Come-Packt Furniture Co., asking that drain extending under Hill st. from their factory property, be repaired. Referred to City Engineer with power to act, on motion of Ald. Lutz, and by the following vote: Yes, Ald. Schmid, Hochrein, Koernke, Flynn, Manwaring, Ramsay, Lindenschmitt, Prochnow, Pipp, Sherk, Rash, Lutz, Pres. Mills, 13. Nays, none.

Enter Ald. Schultz.

FINANCE REPORT.

Ann Arbor, Mich., Nov. 4th, 1912.

To the Finance Committee of the Common Council: Gentlemen—I have examined the following 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.

Warrants drawn Nov. 1st, 1912.

Contingent Fund.

Ross Granger, salary and clerk hire	\$166.66
Eugene G. Mann, salary and clerk hire	108.33
S. W. Beakes, salary	125.00
John W. Dwyer, salary	83.33
Jas. F. Breakey, salary	50.00
M. E. Easterly, salary	50.00
Napoleon Brough, salary	50.00
R. G. MacKenzie, salary	25.00
Michael Ryan, salary	60.00

Total contingent salaries\$718.32

Fire Fund.

Chas. J. Andrews, salary	\$ 41.66
Eugene Williams, salary	38.50
Fred Jolly, salary	36.50
Geo. Hoelzle, salary	38.50
Ralph Edwards, salary	38.50
Henry McLaren, salary	36.50
Jacob Gwinner, salary	35.00
Arthur Clark, salary	35.00
Max Wittlinger, salary	35.00
Harley Wise, salary	35.00
Martin Noll, salary	35.00
Geo. Isbel, salary	35.00
Mat. Heininger, salary	35.00
John Behr, salary	35.00
James Smith, salary	35.00
Frank Markey, salary	35.00
Thomas Sharp, salary	30.00
Clyde Carpenter, salary	30.00
Chas. Carroll, salary	23.00
Frank Kapp, salary	23.00

Total fire salaries 1-2 month.....\$686.16

Police Fund.

Theo. C. Apfel, salary	\$ 41.66
Thos. O'Brien, salary	40.00
Wm. J. Aprill, salary	35.00
Gustave Meyer, salary	35.00
Wm. Blackburn, salary	35.00
Rex Burnett, salary	35.00
Reuben Armbruster, salary	35.00
Edw. Kuhn, salary	35.00

Total police salaries 1-2 month...\$291.66

Poor Fund.

J. H. Shadford, salary	\$25.00
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Cemetery Fund.

Matthias Luippold, salary	\$40.00
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Bridge, Culvert and Crosswalk Fund.

Manley Osgood, salary	\$100.00
John Wisner, salary	125.00
R. M. Caughey, salary	60.00

Total B. C. and C. W. salaries ...\$285.00

Recapitulation of Salaries.

Contingent fund	\$718.32
Fire fund	686.16
Police fund	291.66
Poor fund	25.00
Cemetery fund	40.00
B. C. & C. W. fund	285.00

Total salaries\$2,046.14

Contingent Fund.

Oscar Blaess, supplies (coal)	\$162.45
Gillette Co., posting notices	7.00
Ross Granger, tel. and express	1.77
Henne & Stanger, rent tables	2.00
Mich. State Tel. Co., toll	5.85
Eastern Michigan Edison Co., light and supplies	31.48
Sid Millard, supplies (ballots)	22.50
Christian Schlenker, supplies	.15
Times News, publishing	200.00
William Temple, services	2.00
G. F. Willey, services (exams)	20.00
Walker's Livery, carriage, committee	4.00
George Wahr, supplies	9.00
Washtenaw Post, publishing	15.40
Edward Besch, garbage collection	300.00

Total\$783.60

Fire Fund.

Artificial Ice Co., supplies	\$ 2.00
The Brown Drug Store, supplies	7.00
C. W. Cornell, horseshoeing	6.30
Chilson & Hardenburgh, stove	10.00
Charles Dwyer, hay	33.09
Eberbach Pharmacy, supplies	12.12
Eastern Edison Co., light	4.85
Arthur Faust, oats	26.15
Martin Haller, comforters	4.50
Luick Bros. & Co., supplies	2.99
Michigan Milling Co., bran	6.75
Wm. Nannery, hay	18.72
Schumacher Hardware Co., supplies	9.79
Chas. Wuerth & Co., linoleum	13.67

Total\$157.93

Police Fund.

Theo. Apfel, subscription	\$.75
E. P. Cook, auto hire	1.00
Eberbach Pharmacy, supplies	4.65
Mich. State Tel. Co., toll	2.15
Schumacher Hrdw. Co., battery	.40
Staebler & Sons, supplies	2.25

Standard Oil Co., supplies	7.50
Washtenaw Home Tel. toll.....	.60
Total	\$19.30

Poor Fund.

Bigalke & Reule, supplies	\$21.90
A. R. Gfell, supplies	11.60
Thurer & Walker, supplies	15.93
John Wagner, supplies	16.71
Helber Bros., supplies	3.50
W. S. Henderson, rig to county farm	2.00
Total	\$71.64

Street Lighting.

Eastern Michigan Edison Co., lighting	\$1,253.47
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Park Fund.

John W. Markey, salary	\$75.00
Ed. Huddy, labor	1.60
Larue Latsan, labor	2.00
J. W. O'Brien, labor	4.00
Sam L. Perkins, labor	2.00
George Collins, team	4.50

Total labor	\$89.10
Schumacher Hdwr. Co., supplies	\$1.60

Building Sidewalk Fund.

C. M. Thompson & Son, sidewalks built	\$311.44
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Bridge, Culvert and Crosswalk Fund.

George Adams, labor	\$1.00
Sam Adams, labor	2.25
Rack Casterline, labor	5.56
Wm. Clark, labor	1.00
George Coats, labor	4.22
Harry Collins, labor	4.03
Leo Cornell, labor	1.00
Jno. Dalgliesh, labor	20.20
Chas. Flewelling, labor	13.53
Jacob Graf, labor	2.00
Wm. Graf, labor	18.40
Carl Hackbarth, labor	3.25
Jno. Holka, labor	20.20
W. B. Keyes, labor	9.33
Mat Koch, labor	3.11
Wm. Kuehn, labor	25.70
J. G. Mack, labor	19.40
Geo. Miley, labor	20.00
T. Pemberton, labor	3.76
Joe Philip, labor	6.81
Mike Priescorn, labor	1.80
Ernest Rapp, labor	18.40
Geo. Roberts, labor	20.20
A. G. Schneeberger, labor	20.20
Walter Seyler, labor	2.23
Adam Stoll, labor	11.31
J. E. Sumner, labor	18.89
Geo. Wisner, labor	3.11
Joe Youngbauer, labor	2.00
C. C. Bargdill, team	4.50
S. Dunbar, team	4.50
John Moore, team	1.13
G. L. Mullison, team	55.50
George Schaible, cart	33.67
A. F. Sheppard, team	8.30
H. G. Smith, team75
Jos. Wallaker, cart	34.00
G. W. Weeks, team	3.50
M. M. Wheelock, team	21.00

Total	\$449.74
Ann Arbor Garage, supplies	\$.50
Benz Bros., supplies	46.68
Davis & Ohlinger, supplies	2.00

M. F. Finkbeiner, supplies	10.40
Hertler Bros., supplies	9.49
Luick Bros., supplies	96.35
Staeabler & Son, supplies	25.00
Schumacher Hrdw. Co., supplies	3.00
Walker & Co., supplies	6.25
Lewis Nixon, hay	41.88
M. C. R. R. Co., freight.....	73.57
Peerless Portland Cement Co., cement	370.22

Total B. C. and C. W., St. Dept. ...	\$685.34
D. W. Bingham, labor	\$ 10.35
W. R. Drury, labor	26.40
Jas. Folin, labor	3.75
W. A. Grove, labor	12.75
Robt. Rowley, labor	1.35
C. M. Whelan, labor	6.90

Total Eng. Dept.	\$109.90
Eberbach & Son, supplies	\$ 34.60
M. F. Finkbeiner, supplies	2.40
Keuffel & Esser, supplies	39.26
F. J. Lewis Mfg. Co., supplies.....	23.26
Luick Bros. & Co., supplies	71.18
W. L. McCullough, supplies	10.50
Manley Osgood, supplies	2.25
Wm. H. L. Rohde, supplies	54.65
Robison & Co., horse hire	26.50
Schumacher Hrdw. Co., supplies ...	40.03
C. A. Sauer & Co., office case	8.75

Total Eng. Dept.	\$283.32
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Sidewalk Fund.

L. Bucholz, labor	\$ 4.22
Rock Casterline, labor	2.77
Wm. Clark, labor	9.50
G. D. Eddy, labor	7.25
Jacob Graf, labor	8.23
Aug. Hermann, labor	9.60
Sam Kalemback, labor	10.23
Ben Kalp, labor	6.45
Chris Katapher, labor	3.39
Jno. Katapolis, labor	3.01
Spiros Katapolis, labor	3.39
Matt Koch, labor	7.12
F. Kraus, labor	9.25
Ed. Little, labor	15.33
Nick Manos, labor	3.39
Pete Manos, labor	3.39
Tom Messis, labor	5.39
T. Pemberton, labor	2.50
Mike Priescorn, labor	7.40
J. E. Sumner, labor	7.50
Chris Walz, labor	14.20
C. C. Bargdill, team	25.10
S. Dunbar, team	16.50
David Henning, team	18.50
Fred Horton, team	4.00
Jno. McHugh, team	46.00
Herman Marquardt, labor	13.00
John Moore, team	1.12
Walter Schneider, team	17.59
A Seyfried, team	19.00
Daid Wallenmaier, team	2.50
Vanatta Bros., team	19.00

Total sidewalk, labor	\$326.73
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Paving District No. 20, Labor.

Rock Casterline, labor	\$10.45
Wm. Clark, labor	13.75
G. D. Eddy, labor	16.75
Chas. Flewelling, labor	12.64

Jacob Graf, labor	10.22
Sam Kalembach, labor	10.22
Ben Kalp, labor	7.36
Chris. Kataphor, labor	12.78
Jno. Katapolis labor	12.78
Spiros Katapolis, labor	12.78
Matt Koch, labor	10.22
F. Kraus, labor	11.50
Ed. Little, labor	16.34
Nick Manos, labor	12.78
Pete Manos, labor	12.78
Tom Messis, labor	12.78
T. Pemberton, labor	10.56
Joe Philip, labor	19.67
Mike Friescorn, labor	7.40
Walter Seyler, labor	16.66
Adam Stoll, labor	13.62
Geo. Wisner, labor	11.11
Joe Youngbauer, labor	4.45
G. F. Allmendinger, gravel	6.40
C. C. Bargdin, gravel	18.00
S. Dunbar, labor	25.88
David Henning, labor	26.13
Edwin Knapp, labor	10.13
Herman Marquardt, labor	16.88
Jno. Miller, labor	1.38
Jno. Moore, labor	12.38
Walter Schneider, labor	21.38
A. Seyfried and team	26.75
G. F. Sheppard, gravel	53.63
H. G. Smith, gravel	16.00
F. H. Tickner, gravel	1.00
G. W. Weeks, team	16.50
Vanatta Bros., team and gravel	29.00

Total Pav. No. 20.....\$561.04

Paving District No. 27, Labor.

Geo. Adams, labor	\$ 2.25
Sam Adams, labor	15.75
Harry Collins, labor, tarring	14.03
Leo Cornell, labor, tarring	1.25
M. F. Finkbeiner, labor	2.00
Harry Ford, labor, tarring	1.25
Carl Hackbarth labor, tarring	1.25
Ben Kalp, labor	1.50
E. Nordman, labor, tarring	1.75
Chris. Scott, labor, tarring	5.00
R. S. Ellis, labor, tarring	1.25
S. A. Elsifor, team	2.63
Edwin Knapp, team	5.15
Wm. Seyfried, labor, tarring	2.50
H. G. Smith, labor	4.75
Vanatta Bros., labor	.50
Julius Zahn, labor	17.10

Total labor Dist. 27, paving.....\$79.91

M. G. Richmond, curbing.....\$21.72

Recapitulation.

Contingent fund total	\$ 783.60
Fire fund total	157.93
Police fund total	19.30
Poor fund total	71.64
Street lighting fund total	1,253.47
Park fund total	90.70
Building sidewalk fund total	311.44
Bridge, C. & C. W. fund total	1,528.30
Sidewalk fund total	326.73
Labor acct. pav. No. 20 fund total	561.04
Labor acct. pav. No. 27, fund total	101.63

Total warrants drawn Nov. 4...\$5,205.78

Grand total for October.....\$7,251.92

Ann Arbor, Nov. 4th, 1912.

To the Honorable Common Council: Gentlemen—Your Finance committee have reviewed the foregoing reports of the City

Clerk. Warrants for the salaries were drawn November 1st, 1912. We recommend that same be approved and that warrants be ordered drawn for the foregoing accounts.

George Lutz, Erwin Schmid, Finance Committee.

Ald. Lutz moved adoption of report. Adopted as follows: Yes, Ald. Schmid, Hochrein, Koernke, Manwaring, Flynn, Ramsay, Lindenschmitt, Schultz, Prochnow, Pipp, Sherk, Rash, Lutz and President Mills, 14. Nays, none.

Special Water Committee

Ald. Lutz presented a report from the Engineer on the test of the wells at the Steere farm which was ordered on file:

City Engineer's Office, Ann Arbor, Mich., Nov. 4th, 1912.

To the Special Water Committee of the Common Council, Alderman Geo. Lutz, Chairman, Ann Arbor, Mich.: Sirs—I submit herewith the following report of the test of the wells at the Steere farm, to date:

On Sept. 19th, 1912, we started building concrete basins, flumes and weirs at each of the five wells. A concrete basin was constructed about each well casing, and emptying into a flume 32 feet long. At the other end of each flume was placed a weir and a gauge for measuring the flow of water in the flume, and from the well. The flumes were calked and with the basins were made as water tight as possible, and everything was arranged to make the measurements accurate and reliable. On Oct. 19th, 1912, p. m., the five wells were opened and allowed to flow until Oct. 26th, p. m., except for about three hours on Oct. 21st, p. m., when they were closed down while we were working in the county ditch. On Oct. 26th, p. m., the four west wells were closed, and the east well (Well No. 1) was allowed to flow alone until Oct. 29th, a. m., except on Oct. 28th, when the well was closed during the night by some unknown person and opened again the next morning at the time of reading the gauge. On Oct. 29th, a. m., the next well west (Well No. 2) was uncapped and the two allowed to flow until Oct. 31st, a. m., when No. 3 was opened. On Nov. 2d, a. m., the fourth well was opened and on Nov. 4th, a. m., the fifth well was opened. This plan was adopted to see what effect one well would have upon the others. It is planned now to let these wells flow free for about thirty days continuously, reading the gauges night and morning for about another week, and then only once a day until the

thirty days are over. The results to date are as follows:

Insert of facts drawn from table showing flow of wells at Steere Farm.

At the time of opening on Oct. 19th, p. m., the flow of the five wells combined was at the rate of 822,200 gal. per twenty-four hours. This decreased during the first night to 707,600 gals. per day. From then until Oct. 26th, p. m., at the time when four wells were capped, the rate of flow varied between 685,600 and 732,700 gal., the average rate of flow per twenty-four hours varying between 697,800 and 715,650 gal. For the last three days before shutting down the four west wells, the mean rate of daily flow was 715,250 gal., 715,650 gal., and 715,650 gal., respectively, the rate of flow being lower in the morning and higher in the evening.

When wells No. 2, 3, 4 and 5 were closed on Oct. 26th, p. m., the rate of flow of well No. 1 increased from 131,600 gal. to 151,800 gal. When well No. 2 was opened the flow of well No. 1 decreased from 154,800 gal. per day to 149,500 gal. per day; and when well No. 3 was opened in addition, the flow of well No. 1 decreased from 149,500 gal. to 140,200 gal. per day. The opening of wells No. 4 and No. 5 did not seem to have marked effect upon the flow of well No. 1.

The relative strength of flow of the several wells is as follows:

Well No. 1..	130,000 gals. per 24 hours
Well No. 2..	138,000 gals. per 24 hours
Well No. 3..	149,000 gals. per 24 hours
Well No. 4..	97,000 gals. per 24 hours
Well No. 5..	197,000 gals. per 24 hours

The cost of this work, to Oct. 30th, has been \$288.52, distributed as follows:

Lumber	\$ 71.18
Cement	7.36
Livery	36.50
Gauges	22.00
Tools and supplies	22.46
Engineering and labor	129.02

Total\$288.52

This should, perhaps, be reduced a little, for all of the tools used and charged here are in good condition and on hand for what further use the Department may find for them. The flumes were made large enough so that they may be used for the pumping test which you plan for the future.

Ditch gauges were set in both county and township ditches. The ditch running through Mr. Steere's property is a county ditch and the one running from the south along the

State street road is the township ditch to which I refer. Six gauges were set in the township ditch, one in the county ditch, and one in both ditches at the point where the township ditch flows into the county ditch. These gauges show that the five wells flowing raise the water in the county ditch just four inches. On Oct. 21st, 1912, p. m., we cleaned enough cress and weeds out of the county ditch to lower the water level just 2 1-4 inches, making the present raise in the county ditch for which the flow of these wells is responsible just 1 3-4 inches. This is not sufficient to harm anybody.

Very respectfully submitted,
MANLY OSGOOD, City Engineer.
Officers' Reports.

Street Commissioner's report for September received, and ordered printed and filed.

Office of Street Commissioner, Ann Arbor, Mich., Oct. 10, 1912.

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 September, 1912:

Aug. 29-Sept. 11; Sept. 12-Oct. 2—Cleaning paved street, labor\$661.22
 Grading, graveling and patching streets, labor 133.76

(Kingsley bet. Det. and Division; Detroit; Monroe, Hill S. University; W. Huron; Jefferson; Main to 1st; 14th st.; Huron, Ashley to Chapin; Ann bet. Main and 4th av.; Miller av.)

Cleaning gutters labor 203.47
 (S. 12th st.; Hamilton Place; Maynard; corners at inlets 2d and 3d wards; Church and Hill; W. Liberty; W. William; Thayer; Forest and Hill; Oxford road; W. Huron to Chapin; Ann; Ashley, at A. A. R. R. station.)

Tarring old concrete pavements, labor 49.03
 (Maynard st.)

Unloading cars cement and handling cement and empty cement sacks, labor 15.85

Flushing sanitary sewers, labor ... 3.23
 (Washtenaw and Church; Packard and Hill.)

Cutting weeds from streets and lawn extensions in the several wards, labor 40.00

Unloading bbls. tar, brick and two cars of torpedo gravel, labor... 22.38
 (Tar, \$10.50; brick, \$8.78; gravel, \$13.10.)

Setting and repairs inlets and spills and building storm water sewers, labor 120.52
 (Ashley, east side from Liberty south about 150 ft.; Ashley and Ann; Ashley west side from Ann south about 1-2 block.)

Grading sidewalks, labor 44.31
 (Baldwin; East side Washtenaw bet. S. University and Hill.)

Laying pavements at intersections to match with new paving, labor... 12.05
 Ashley and Washington, Liberty and Huron sts.)

Cleaning catch basins and inlets, labor	3.89	tensions and 2 crosswalks E. and W. sides Brown across Stoll st.)	
Sprinkling streets, labor	2.00	Hill and Oswego paving No. 20, labor account	122.85
Miscellaneous work and repairs, labor	12.00	Mary st. paving, No. 26, labor acct..	81.83
(Repairs cement mixers, \$7.50; hauling gravel to Steere farm for city engineer's department, \$4.50.)		Ashley st. paving, No. 27, labor acct	3.231.40
Building extensions, crosswalks and ce- ment gutter boxes, labor	63.58	Total	\$4,853.37
(1 extension and crosswalk S. side For- est across Woodlawn; 2 extensions and crosswalks S. side Olivia across Cambridge road, W. side Sybil across Benjamin; ce- ment gutter boxes S. side Kingsley across Thayer, S. side Ann across Thayer; 4 ex-		Respectfully submitted, J. WISNER, Street Commissioner.	
		City Marshal's report for October received and ordered on file.	
		The council adjourned.	
		ROSS GRANGER, City Clerk	