

Council Chamber,
Ann Arbor, Mich., June 5, 1905.

Regular Session.

Meeting called to order by Pres. Gilmore.

Present--Ald. Gill, Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson. Pres. Gilmore--13.

Absent--Ald. Blair, Markey--2.

Minutes of previous meetings approved.

Communications.

Office of Board of Public Works,
Ann Arbor, Mich., June 5, 1905.

By Mr Nichols:

Resolved, That Mr. D. J. Ross, being the lowest bidder for paving North University avenue according to the plans and specifications as presented by this board, using metropolitan paving brick on concrete, berea curb and medina circles, we respectfully recommend to the common council that he be awarded the contract.

Adopted by board as follows:

Yeas--Mr. Nichols, McIntyre, Cornwall, Moore, Scott, Mummery, Reinhardt--7.

Nays--None.

Received and following resolution offered:

By Ald. Coon:

Resolved, That the report of the board of public works and the recommendation therein contained in reference to paving North University avenue be concurred in and accepted. and the said board is hereby directed to enter into contract with D. J. Ross for the work, the same to be completed as soon as possible.

Adopted as follows:

Yeas--Ald. Gill, Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore--13.

Nays--None.

By Ald. Schlenker:

Resolved, That the clerk be instructed to carry out the recommendation of the board of public works and order two cars of paving brick for cross walks.

Adopted as follows:

Yeas--Ald. Gill, Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore--13.

Nays--None.

Communication and recommendations of the special water committee received and resolutions offered as follows:

Resolved, That the Common Council be and is hereby requested to allot the sum of \$100.00, or so much of that sum as may be necessary, to pay for the hire of laborers, assistants, typewriting, surveying, map-making, etc., in furtherance of the work Mr. Russell has been directed to perform; and also to allot the sum of \$40.00 to pay for two chemical analyses of the water now being furnished the City of Ann Arbor by the Ann Arbor Water Co.

Resolved, That the Common Council be and is hereby requested that in case suitable maps or plats of the lands of the Ann Arbor Water Co. are not now available, that the City Engineer be directed to make such maps or plats, and to assist in locating the positions of wells, water pipes, tanks, etc., thereon, under Mr. Russell's direction.

By Ald. Coon:

Resolved, That the common council concur in request and \$140 be allotted for same.

Adopted as follows:

Yeas--Ald. Gill, Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore--13.

Nays--None.

Communication from Professor Davis on "Ann Arbor Water Supply."

Most of the customary mistakes of American cities in supplying themselves with water have been made by Ann Arbor.

The work originally was intrusted to men unacquainted with the details of such matters.

The advice and suggestions of those who did know about such details was rejected even when sought and paid for. The pipe laying began before the permanent trustworthy source of water had been found. Perhaps it has not been found yet.

There was not a sufficient provision for future demands due to the growth of the city.

Suitable fire protection was not provided for.

An exclusive franchise was given away--to be bought back later, or

allowed to expire.

As a consequence extensions of the mains are made from stems that are probably only sufficient for the system before the extensions. This must continue and get worse, or radical rebuilding be undertaken. The inevitable result is a domestic supply system, with ever decreasing resources for fighting fire. We can look forward to the time when because of extensions and increase in the number of takers, the limit of the pipe system to furnish a domestic supply will be reached, and there will be no reserve for fire fighting at all, except during certain hours.

A contract with a water company was assumed to provide sufficient safeguards. In consequence the defenses of the city against fire were left to the company without oversight of any kind, dependence being placed upon the results of a test in throwing streams of water upon the completion of the works, which tests, it is said, were met, before the takers began to be very numerous. As a further consequence, inspection of hydrants was inadequate. When any city surrenders, in any degree the supervision of its fire fighting resources to others, a mistake is made. When a city pins its faith to the results of a holiday display of its waterworks, for its fire protection, another mistake is made.

All supervision of the water company's business was omitted from the water ordinance or contract with the company. There was no provision for information of the number of water takers—the kind and amount of the service furnished to each, or for any oversight of the connections and methods of supply. There was no provision for ascertaining the amount of water pumped, the coal used, or any of the data of expense, or income—nothing, in fact, by which the question as to reasonable rates could be justly determined. There was to be no supervision of extensions of water mains or the development of a reasonable and consistent plan for the additions to the pipe system. Perhaps these matters have all been attended to by the Water Company in the best possible manner for safe guarding the interests of the public. If so, it has been done not because the city had re-

served to itself any oversight of them. Whenever a city omits all supervision of the business connected with so vital a matter as its public water supply a mistake is made.

As a result of conditions outlined above a state of dissatisfaction pervades the inhabitants of the city. At times there is an outbreak of fire followed by an outburst of indignant wrath against the Water Company. There is a chronic complaint about excessive water rates which keeps the dissatisfaction alive and active. For which one of the mistakes above enumerated is the Water Company to blame? In the ordinary course of business if a company were seeking a franchise in this city today, and, finding the conditions such as the above recital indicates they were in 1884 and 1885, would any one expect such company to do differently from what was then done? If the success of the works as a defense against fire was staked upon certain trial streams of water, to be thrown at certain places, under certain conditions, and to certain heights and distances, would not a prudent business concern build works to that specification, or somewhat better, provided it gave them a system capable of furnishing the domestic supply from which the main part of their income was to be expected?

No more is the company to blame for the one hundred and fifty feet difference in elevation between the high and low points in the city. This represents a static water pressure of about sixty-six pounds per square inch, and might explain some circumstances which a thorough examination may disclose.

We should consider our charges, if we make any, with sufficient care to discover to whom they apply. If we cannot do this, they should not be made.

To relieve the complications, annoyances, dangers, and dissatisfaction, with the present supply, it has been proposed, repeatedly, to buy out the Water Company and make a municipal system here. Estimates have been prepared for this purpose,—and laid aside. As soon as purchase of the works is seriously proposed certain considerations present themselves. The franchise that was given away

twenty years ago is now reckoned as a considerable fraction of the value of what the company has to sell. Questions arise as to the permanence and desirability of the present source of supply. Will that source continue to supply the water it now does? Will it furnish all the water needed in the future? Is the system, machinery, the pipes, the gates, the hydrants, and the service such as this city should have? Is the pipe system well planned for the duty it ought to perform? Are the pipes, and hydrants, and openings of suitable size? These inquiries are illustrative, not exhaustive.

The very first step in answering such inquiries is to ascertain what the city really requires. This is the part, perhaps because it is not appreciated, or for some other reason, it is well nigh impossible to get the officials of any city to face, much less to accurately determine. Yet this is the sole basis of any successful water supply and water works construction. It is equally vital in determining the value of any existing works in any city. Is a fire supply to be furnished, or only a domestic supply, or both? If a fire supply is to be furnished how many and what kind of streams shall each hydrant be able to supply, in different parts of the city? What is a fire stream? Men differ. Of one or two things we may be certain.

Throwing some water "clear over" a building,—as such displays are commonly made,—is not a fire stream, and no evidence of real fire protection. When we are pleasing ourselves with such shows, figuring off the fractions of inches on the sizes in our pipe system, setting up eight inch hydrants with four inch inlets—for folks to look at and believe they have a hydrant that can deliver some water,—and seeking convictions that the cheapest goods are likewise the best for waterworks, we may be quite certain that we are making sure preparations for roasting our own, or others', innocent children alive, when the trial for fire comes. If we desire real fire protection, at the bottom of it all we must begin with a real fire stream. That being settled, in the light of the best knowledge and experience the number of such streams from a hydrant should be assumed. Then, and not until then, can the proper design of the pipe sys-

tem proceed. This design can then proceed, size by size, for the pipes, back to the force main, the quantities to be discharged being carried along with the pipe sizes. Presently we shall come to the inlet for the whole system, and the amount of water our source must furnish. This brief, and meager, outline is only to fix in the mind the real place from which the start must be made in any well considered lay out. But what of the future? Cities grow. Wood built districts change to brick. Will our fire streams for now answer for then? Will our source of supply answer then?—both as to quantity and quality? Dirty water will put out a fire. Shall we build a separate fire fighting system? This is done. One may readily believe that the decision of what should be done under the conditions and circumstances, not to say vicissitudes, of life in any city, cannot safely be left to men unacquainted with work of this character.

The domestic supply should be as carefully considered. It is customary to assume a certain number of gallons per day per capita of the city's population—from 35 to 200—for all purposes, multiply this by a somewhat increased—anticipated—number for the population, and call the result the amount of water per day that will be needed. Probably some such hop, skip and jump process is more commonly employed than any other. It has its uses. In any case, as trustworthy an estimate should be made of the amount of water required now, ten years from now, twenty, or thirty, or forty, or more years from now, as can be made.

The source of supply for this water should next be found and "proved." The next thing is this and not buying pipe and materials and delivering them about the gutters of the streets preparatory to trenching and pipe laying.

After an adequate supply of water is found a study should be made for conducting it to a pumping station and the location of the pumping station fixed upon.

The source of supply should be developed; the suction mains laid; the pumping station built; the boilers, machinery and pumps installed; and the suction mains connected to the pumps.

When this is done a final test of the source of supply can be made. When all of these works are measurably complete, and certainly in good working order, and not before this, is the time to begin pipe laying.

After the source is found and pumping station located, the pumping and distribution system can be designed and proper plans made.

While the works above referred to are being constructed, the pipe, specials, hydrants, gates, lead, and all supplies for the distribution system should be delivered, received, stored and arranged for quick handling. Each size of pipe should be cross piled by itself, all specials placed for the sizes of pipe they fit, and the gates, hydrants, lead, supplies and stores placed in storage. None of these things should be delivered on the streets if of the usual sizes used in small water works. All such things should have been bought the fall before.

All of these matters and things being done and attended to, pipe laying may begin. It should begin at the pumps. No pipe should be covered until the water pressure is put on and the joints found to be, or made to be, tight. A good pipe gang will complete from one-fourth to one-third of a mile of the pipe system, in the smaller sizes, each working day. Such a gang should complete a mile a week, allowing for bad weather. If there were twenty miles of a pipe system, of the smaller sizes, to be built, it ought to be done by one gang in five months or less. As soon as the system branched, after leaving the pumps, a second pipe gang could be started, and so on. The trench on any street ought to be opened and the pipe, specials, hydrants and gates delivered in a day. The next day these things should go into the trenches and all joints be made, also the pipe loaded for the pressure test. The next day the water pressure should be put on, the joints made tight, if need be, and the back filling done. Whatever more time may be required should be due to bad weather, not to bad management.

Under this plan, water is at the end of the pipe line to settle the back filling with. A fire can be fought anywhere along the line. The works can be operated as far as the pipe line goes.

Let anyone compare this brief outline of such work with what may be customarily observed in almost any small city where water works are being built. The first thing after some talking and planning is to buy some water pipe, gates, hydrants and specials, and to deliver them on the streets perhaps some of them to lay around in the way in the gutters till the next season. Pipe laying begins before much of anything else is done. The works are eventually completed or abandoned, there is a test, or tests, of some kind or other, the works are "accepted" and the source of the supply has not yet been found. Neither may it be found for many years to come. Ann Arbor's source of water supply was a contract with a water company. The company assumed great and unknown risks in accepting such an obligation. The city assumed the risk of burning for the want of water to fight fire with. Neither party probably clearly understood these risks. It might be well to inquire if the city really understands its risk, in this respect, today. The fire insurance rates in this city quite likely show a real estimate of this risk. It might be instructive to have some fire insurance man inform the public what Ann Arbor has paid for fire insurance during the twenty years it has had a water supply.

Suppose this city was to buy the present works. The next thing will be to find out what these works are capable of doing. While the water takers are receiving their usual supply of water, the only question will relate to the capacity of the works to furnish fire streams. An experiment for this purpose must be attended with the risk of crippling some portion of the machinery or equipment, if pushed much beyond the ordinary duty it was designed for. Here Mr. Lawrence is justified in refusing to make such tests to furnish fire streams for experimental tests by direct pressure. His responsibilities under the contract of the Water Company with the city are too serious to make it at all prudent to assume such risks, by attempting to furnish fire streams by direct pressure from pumps and equipment not designed, as he says, for such work. It may be inferred from Mr. Lawrence's re-

marks that what is meant in the contract by a reservoir and pumping system of water works is one where the pumps are used to fill the reservoir with water, and for no other purpose.

Water for a city should be supplied by a competent engineer and not by a quick sales commercial guess.

The extent of the district to be covered by the distribution system should be designated by the city authorities, and no one else. Neither should it be left to chance in any particular. The growth of the city should be provided for. The pipe system should be planned for the entire area. The original construction as well as subsequent extensions should be made according to this plan, and solely by direction of the city authorities.

The duty of water in all parts of the pipe system should be determined by the city authorities with the assistance of the engineer. This means that an adequate standard fire stream should be adopted by the city authorities for the limits of the system both as to horizontal distance and elevation. The domestic supply, in small cities, requires the delivery of so much less water per minute than the fire supply, that if the fire supply is provided for it will be enough. This matter should also be officially decided and declared by the city authorities.

The differences of elevation within the district should be taken into account. As above noted this may be as much as one hundred and fifty feet in Ann Arbor, which represents a difference in the static pressure on the water mains of about sixty-six pounds per square inch. This might lead to the adoption of separate pipe systems for different sections of the district. This matter should be carefully studied in preparing the original plans and the final decision should be made by the city authorities.

Ann Arbor may find its source of supply about five miles south of the city; about seven miles west of the city; or up the Huron river. Besides these there may be sources of ground water supply that may prove sufficient.

For the present the situation may be summarized somewhat as follows:

About all the mistakes commonly

made in supplying cities with water have been made here.

The Water Company stands upon its rights, including all those obtained by mistakes made in doing the business.

The Water Company should not be charged with the results of the mistakes made by the city authorities, nor with conditions due to natural causes without neglect on the part of the company.

It is doubtful if a permanent and sufficient source of supply has yet been found and developed.

The value of the present works cannot be justly determined until the permanent source is located.

What is a good and sufficient water works and supply system for Ann Arbor must first be decided upon before any just valuation to the city of the present works can be made.

There is no question about the present fire supply being inadequate, insufficient and unsuitable.

It is not computations, estimates and "figures" that are now needed in considering the water supply, but a vital and comprehensive apprehension of the very elementary facts and principles that furnish the only safe guide in beginning such work. Not "figures" but "sense" is needed now.

Finally, there is imminent danger of the City of Ann Arbor buying the present works at too high a price and without bettering existing conditions.

Dr. Copeland moved, seconded by Mr. Ohlinger, that the paper be received and made a part of the record.

As an amendment to Dr. Copeland's motion, Ccl. Dean moved, seconded by Professor Wilgus, that the communication be also referred to the common council with the request that it be published as a part of their proceedings, in the newspapers for the benefit of the public and citizens of Ann Arbor. Amendment carried.

Vote was then taken on Dr. Copeland's motion as thus amended and it was carried unanimously.

Professor Russell moved, seconded by Mr. Ohlinger, that the common council be requested to let this committee have, as soon as possible, the report of the water and hydrant tests made by the city engineer pursuant to the request of this committee made

in the meeting held April 12, 1905.
Carried.

Colonel Dean moved, seconded by Dr. Copeland, that the common council be requested to make an appropriation of not to exceed \$250 to be expended under the direction of Professor Davis to ascertain the condition of the distribution system of the Ann Arbor Water Company. Carried as follows: Yes—Coon, Copeland, Darling, Dean, Fischer, Markey, Ohlinger, Russell, Sherk, Wilgus—10. No—Douglas, Schlenker—2.

By Aid. Coon:

Resolved, That Prof. J. B. Davis shall be, and hereby is authorized to make such investigation of the plant and equipment of the Ann Arbor Water Company as may be necessary in order to verify the accuracy of the report of Riggs & Sherman relative thereto, or to show its inaccuracies, if any. Also to make such further investigation concerning the additions and changes in said plant since the date of said report as may be necessary in order to furnish a complete report to date concerning said plant and equipment. Such additional report to follow the same general plan, so far as may be, of the Riggs & Sherman report.

Resolved further, That the sum of two hundred and fifty dollars be appropriated from the contingent fund for the purposes of said investigations, to be expended under the direction of Prof. Davis.

Adopted as follows:

Yeas—Ald. Gill, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore—11.

Nays—Ald. Schlenker, Kurtz—2.

By Ald. Coon:

Resolved, That request of special water committee relative to publishing Professor Davis' report be granted. Ald. Fischer moved as an amendment that same be granted providing expense does not exceed \$25.

Amendment adopted as follows:

Yeas—Ald. Gill, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore—12.

Nays—Ald. Schlenker.

Original motion as amended adopted as follows:

Yeas—Ald. Gill, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore—12.

Nays—Ald. Schlenker.

Ald. Fischer moved that the city engineer appear before special water committee and make report as requested. Carried.

Invitation from Flint to attend dedication of new court house, library and U. S. government buildings received and ordered on file.

Communication from Mr. Millspaugh relative to paving along tracks of D. Y. A. A. & J. Ry. received and ordered on file.

Communication from board of health relative to city having some provision for care of certain forms of contagious diseases received, ordered filed and following committee appointed to look up and report on the matter as soon as possible: Ald. Fischer, Manwaring and Miller.

Petitions.

Of F. C. Parker, et al, relative to water on Division street between Liberty and William streets received and referred to street committee.

Of G. E. Dibble, et al, relative to Ingalls street received and referred to street committee.

Of E. T. Alber, et al, relative to "street carnival," to be held from July 24th to 29th inclusive, received and on motion of Ald. Kearns petition granted as follows:

Yeas—Ald. Gill, Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Fischer, Robinson, Pres. Gilmore—12.

Nays—Ald. Goodyear.

Deed of certain piece of land on Martin street, presented to the city by James E. and Lottie E. Harkins, received and referred to city engineer and street committee.

Committee Reports.

FINANCE.

June 5, 1905.

To the Honorable the Common Council of the City of Ann Arbor:

Gentlemen—Your committee on finance have had the following bills under consideration, and would recommend their allowance, and that warrants be drawn for same.

Respectfully submitted,
EMMET COON,
GEO. H. FISCHER,
WM. GOODYEAR,
 Committee.

Contingent Fund.

S. W. Beakes, salary	\$4.17
Geo. W. Sample, salary	4.16
M. E. Easterly, salary	20.00
Marvin Davenport, salary	6.25
Frank Stivers, salary	50.00
Ross Granger, salary	104.16
Ross Granger, clerk hire, licenses and express	27.85
E. L. Seyler, salary	125.00
Daniel Ross, salary	83.00
Ed. Groves, salary	100.00
Frank Mason, salary	35.00
Mrs. C. A. Green, rent	37.50
R. G. Hunt, services water committee	41.41
E. L. Sibley, supplies	3.50
Bailey & Edmunds, supplies	2.00
Harvey Stofflet, supplies	2.50
Miller Pump Co., supplies	7.00
Thorpe Mfg. Co., supplies	15.00
Dawson Bros., supplies	14.05
Geo. Pond, supplies	21.20
Morgan, Pohl & Morris, sup- plies	4.27
Athens Press, supplies	3.50
C. F. Meyers, supplies	26.85
Karl E. Gauss, supplies	10.80
Geo. Wahr, supplies	31.55
Athens Press, supplies	42.00
Parker & Snyder, supplies	13.00
Charles F. Meyers, supplies	28.00
Eberbach Pharmacy, supplies,	1.95
The Engineering Record, print- ing	4.80
Construction News Co., print- ing	2.25
Record Publishing Co., printing,	4.00
Ann Arbor Times Co., printing,	67.09
Ann Arbor Argus Co., printing,	58.08
Wm. H. Bolgas, hay	15.53
Wm. Biggs, trees	6.75
John R. Miner, services	25.00
Frank T. Newton, services	2.20
James E. Harkins, services	5.00
F. A. Stivers, expense to Lan- sing	8.85
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	\$1065.22

Street Fund.

Jno. C. Fischer, supplies	\$8.15
Jno. C. Fischer, supplies	3.35
Seybold & Esslinger, supplies,	9.45
Schumacher Hardware Co., supplies	6.50
Wm. H. Esslinger, supplies	4.55

E. Seybold, supplies	36.40
M. G. Richmond, services	2.10
William Bury, hand labor	4.00
Wm. Keuhn, hand labor	3.30
Matthew Leopphold, hand labor,	3.30
Michael Heary, hand labor	3.30
August Radius, hand labor	3.30
Karl Haase, hand labor	3.30
Chris. Larmee, hand labor	21.45
Gustav Walters, hand labor	21.45
Paul Rosasco, hand labor	3.30
James Williams, hand labor	3.30
Michael Hession, hand labor	29.70
Michael Williams, hand labor	29.70
Christ Fry, hand labor	4.95
Peter Bonado, hand labor	3.30
George Stauch, hand labor	3.30
Willis Clark, hand labor	4.22
William Fohey, hand labor	3.30
Adolph Schultz, hand labor	3.30
Burt Hause, hand labor	3.30
Fred Lutz, hand labor	3.30
Jacob Becks, team labor	28.00
Bennett French, team labor	14.00
William Rohde, team labor	7.00
J. W. Markey, team labor	7.00
John McHugh, team labor	7.00
James Mason, team labor	52.20
Lewis Nowland, team labor	7.00
W. G. Marshall, team labor	7.00
A. W. Steffin, team labor	7.00
Silas Elsifor, team labor	17.50
Jacob Becks, gravel	41.60
Bennett French, putting out lanterns	1.00
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	\$425.17

Sidewalk Fund.

M. G. Richmond, services	\$17.40
William Bury, hand labor	31.77
Wm. Keuhn, hand labor	25.85
Matthew Leopphold, hand labor,	25.12
Michael Heary, hand labor	25.12
August Radius, hand labor	25.85
Karl Haase, hand labor	25.85
Christ Larmee, hand labor	8.07
Gustav Walters, hand labor	9.72
Paul Rosasco, hand labor	25.85
James Williams, hand labor	23.47
Christ Fry, hand labor	21.37
Peter Bonado, hand labor	24.39
Matthew Snearly, hand labor	2.57
George Stauch, hand labor	15.22
William Fohey, hand labor	14.49
Adolph Schultz, hand labor	12.84
Burt Hause, hand labor	12.84
Fred Lutz, hand labor	7.07
Jacob Becks, team work	5.06
Bennett French, team work	47.74

William Rohde, team work ...	54.45
J. W. Markey, team work	54.84
John McHugh, team work	53.28
Lewis Nowland, team work ...	16.73
W. G. Marshall, team labor ...	9.73
A. W. Steffin, team labor	14.59

\$612.28

Bridge, Culvert and Crosswalk Fund.	
S. Wood & Co., supplies	\$12.56
Louis Rohde, supplies	15.41
William Herz, supplies	42.44
Hutzel & Co., supplies	150.94
Herman Krapf, supplies	1.00
W. H. McIntyre, labor	49.00
Wm. Bury, labor	2.48
A. Baxter, labor	7.43
B. E. Socia, labor	12.30
Schumacher & Backhaus, sup- plies	18.75

\$312.31

Fire Fund.

Fred Siple, salary	\$72.00
C. A. Edwards, salary	66.00
W. H. McLaren, salary	60.00
Max Witlinger, salary	60.00
Eugene Williams, salary	60.00
Herman Kirn, salary	60.00
Fred Nordman, salary	60.00
Chas. Andrews, salary	60.00
Ralph Edwards, salary	60.00
Wm. Rettich, salary	50.00
Dean Seabolt, salary	50.00
Chas. Carroll, salary	30.00
Martin Haller, supplies	13.35
John Heinzman, supplies	14.06
B. St. James, supplies	9.42
H. J. Brown, supplies	3.35
Rinsey & Kyer, supplies	3.60
Schumacher Hardware Co., sup- plies	1.00
Wm. H. Esslinger, horse shoe- ing	3.20
Kenny & Quinlan, supplies ..	1.00
Seybolt & Esslinger, supplies..	22.50
C. Rinsey, supplies20
Mrs. Ream, washing	8.00

\$767.68

Police Fund.

O. M. Kelsey, two days' work..	\$5.55
Schumacher Hardware Co., supplies	17.90
Charles B. Masten, salary	83.33
John O'Mara, salary	60.00
David Collins, salary	60.00
Harris Fall, salary	75.00
George Isbell, salary	60.00
William Eldert, salary	60.00

William Welsh, salary	60.00
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\$481.78

Park Fund.

M. E. Easterly, labor	\$6.60
Schumacher Hardware Co., supplies35
Christian Schlenker, supplies,	2.15

\$9.10

Poor Fund.

Fred Siple, salary	\$10.00
H. J. Brown, supplies	2.50
H. J. Brown, supplies	10.95
J. Eschelbach, supplies81
Wm. Goetz, supplies	1.54
J. J. Goodyear, supplies90
J. Hoelsle, supplies	5.00
Haas & Heibeln, supplies	7.92
A. G. Koch, supplies	5.03
Mrs. Wm. Ludholz, supplies ...	5.57
Miller & Pray, supplies	7.01
G. B. Ottmer, supplies	4.39
Geo. Spathelf, supplies	1.00
Rinsey & Kyer, supplies	10.50
Wm. F. Stimson, supplies	3.00
L. Rohde, supplies	2.75
C. Rinsey, supplies	14.02
C. Zuern, supplies	1.48

\$94.37

Street Lighting Fund.

Washtenaw Light & Power Co., lighting streets	\$890.31
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Dog License Fund.

Wm. Stark, burying dog	\$0.50
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Cemetery Fund.

L. D. Grose, salary	\$29.16
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Recapitulation.

Contingent Fund	\$1065.22
Street Fund	425.17
Sidewalk Fund	612.28
Bridge, Culvert and Cross- walk Fund	312.31
Fire Fund	767.68
Police Fund	481.78
Park Fund	9.10
Poor Fund	94.37
Street Lighting Fund	890.31
Dog Fund50
Cemetery Fund	29.16

Total \$4687.88

Adopted as follows:

Yeas—Ald. Gill, Schlenker, Kurtz,
Kearns, Miller, St. James, Sherk, Man-
waring, Coon, Goodyear, Fischer, Rob-
inson, Pres. Gilmore—13.

Nays—None.

LIGHT.

Ann Arbor, Mich., June 5, 1905.

Gentlemen—Your committee on lighting would respectfully ask to be allowed to engage services of Prof. Carhart, or some other competent person, to draw up proper specifications on electric lighting, compensation for same not to exceed \$25.00.

WM. GOODYEAR, Chairman.
C. W. GILL.

Adopted as follows:

Yeas—Ald. Gill, Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore—13.

Nays—None.

LICENSE.

Ann Arbor, Mich., June 5, 1905.

To the Honorable the Common Council of the City of Ann Arbor:

Gentlemen—Your committee on licenses respectfully report that the following applications for saloon licenses comply with the requirements of the ordinance and we recommend that on the filing of the proper bonds licenses be issued to the following applicants:

Gottlob Wenger and Ernest Bethke.
Philip Gauss.

O. L. ROBINSON,
C. L. MILLER,
WM. GOODYEAR,
Committee.

Adopted unanimously.

BONDS.

Ann Arbor, Mich., June 5, 1905.

To the Honorable the Common Council of the City of Ann Arbor:

Gentlemen—Your committee on bonds have had the following bonds under consideration and would recommend their approval:

Saloon Bonds.

Philip Gauss, principal; Mathaeus Lutz and P. Fred Reimold, sureties.

Gottlob Wenger and Ernest Bethke, principals; Mathaeus Fischer and Christian Martin, sureties.

Liquor Dealers Bond.

Gottlob Wenger and Ernest Bethke, principals; Gottlob Bethke and Mathaeus Fischer, sureties.

Philip Gauss, principal; Mathaeus Lutz and P. Fred Reimold, sureties.

GEO. H. FISCHER,
B. ST. JAMES,
Committee.

Adopted unanimously.

CEMETERY.

To the Honorable the Common Council of the City of Ann Arbor:

Gentlemen—Your committee on cemeteries respectfully report as follows:

We visited and inspected Fairview cemetery, which is the only one belonging to the city, and find that, under the intelligent care of our present sexton, it is being improved in appearance, and is really a very pretty cemetery, and with small outlay could be materially improved and made a really beautiful place and a credit to the city.

There are a few repairs necessary that we call attention to, viz: First. A new driveway has been opened into the cemetery which necessitated the opening of the wire fence. In order to do this a section of the fence was cut out and the wire and iron piping saved intact, and a gate should be made for the opening, using the wire so saved and the iron piping as far as it will go, and we recommend that the sexton be directed to have such gate made and put in place, and that he purchase a suitable iron gate post and so much iron piping as may be necessary for that purpose. Second. There are a few old seats in the cemetery, very badly out of repair and delapidated and unfit for use. The sexton informs us that there are a number of seats in the engine house in the Fifth ward belonging to the city piled up and not used for any purpose, which he says he could repair and paint and make suitable to place in the cemetery, and we recommend that he be instructed to do so. Third. The hitching posts in the cemetery are of wood, and are old, rotten and unsafe. We recommend that the sexton be directed to buy and put in place six iron hitching posts. Fourth. The sexton reports that certain children are in the habit of frequenting the cemetery to play, and that they do some mischief, such as picking flowers, etc., and also that they bring dogs, which are a nuisance in such a place. The sexton does the best he can to keep trespassers out, but he thinks that a few simple rules such as are usual in such cases posted up at the entrance would help him materially in that regard. We

recommend that the sexton be directed to draw a set of rules, such as are usual in such cases and as he thinks would be proper and useful in this case, and submit them to this council at its next meeting for consideration.

Your committee further beg leave to report that the cemetery is too small for the future needs of the city. That according to the sexton's measurements it is 415 feet wide by 805 feet long, and contains a trifle less than seven and a half acres, that it is filling up quite fast, and that there are now somewhere between one hundred and one hundred and fifty unsold lots only, it being impossible to state just how many owing to the imperfect records kept. That there is a strip along the south side out of which there has only a very few lots been sold, and very few graves placed. That if the cemetery is to be enlarged it should be done by adding that certain strip of land lying immediately south of and between the cemetery and Kellogg street, which strip is of the same length as the cemetery and about ten rods wide and contains about three acres. This strip slopes gently from the cemetery south towards the river and would make a very desirable addition to the cemetery, and if it were acquired and added now before the strip above spoken of is sold off and occupied, the whole could be laid out with tasteful and symmetrical drives and walks, according to a general plan, which is very desirable. Your committee believes that if the cemetery were enlarged as suggested and the unused part of the present cemetery and the addition properly laid out, it could be made self-supporting. Your committee therefore urge the necessity of acquiring the aforesaid strip lying between the present cemetery and Kellogg street, and we recommend that a committee be appointed to confer with the owners and learn the best price for which it can be purchased and if, in their opinion, the price is reasonable that they secure an option on it and report their doings to this council at its next meeting.

Respectfully submitted,

E. B. MANWARING,

O. I. ROBINSON,

CHRISTIAN SCHLENKER,
Committee.

Adopted as follows:

Yeas—Ald. Gill, Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore—13.

Nays—None.

Cemetery Committee named by Pres. Gilmore to learn price of additional property and report to council.

SPECIAL FIRE.

To the Honorable the Common Council of the City of Ann Arbor:

Gentlemen—Your committee to whom was referred the question of location for the new fire apparatus for the southeastern part of the city would respectfully recommend that it be placed in the Sixth ward engine house. And your committee would further recommend that the board of public works be directed to make the necessary repairs and alterations to said engine house at earliest convenience.

EMMET COON,
GEO. H. FISCHER,
RICHARD KEARNS,

Adopted as follows:

Yeas—Ald. Gill, Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore—13.

Nays—None.

SPECIAL WATER.

To the Honorable the Common Council of the City of Ann Arbor:

Your committee appointed to confer with the Water Company, submit the following report:

The committee met in conference with the officers of the Water Company on Monday, May 22d, the entire committee being present except Ald. Sherk. At this conference the president of the Water Company stated to your committee that the company is entirely willing to afford every facility to the special water committee, or any other representatives of the city, for investigation pertaining to the following:

1. As to sanitary condition.
2. As to machinery.
3. As to water supply.
4. As to distribution.

Also that the records of the company pertaining to the details of

operation of the plant, such as consumption of coal and similar data, would be open for inspection in such investigation.

Further, that after such investigation, if the city then desires to negotiate with reference to purchasing the plant the company would give access to its books for the purpose of an investigation of its financial affairs.

This committee having performed the duties placed upon them by your honorable body, respectfully submit the foregoing and request they be discharged.

Respectfully submitted,
EMMET COON, Chairman.

Report ordered on file and committee discharged.

Report of City Officers.

TREASURER'S REPORT.

For Month Ending May 31, 1905.

MONEY RECEIVED.

Bridge, Culvert and Crosswalk Fund		
City clerk for A. A. Ry. culvert.....	\$ 212 49	
Contingent Fund.		
City Clerk, Milk Licenses....	\$ 149 00	
“ “ Plumber's licenses	1 50	
“ “ Dray “	2 50	
“ “ Peddler's licenses	2 50	
“ “ Saloon licenses....	7,195 50	
“ “ Show licenses....	10 00	
“ “ City Scales.....	1 50	
“ “ Rent.....	2 00	7,364 50
Cemetery Fund		
From city cl'k, sale of lots..	37 00	
“ “ “ burial permits	10 00	
“ “ “ single grave..	1 00	
“ “ “ care of lot....	1 00	49 00
Poor Fund		
Trans from contingent fund.		400 00
Police Fund		
Marshal Kelsey, officers fees for April.....	8 40	
Park Fund		
Trans. from contingent fund.		500 00
Total	8,534 39	
On hand May 1, 1905.....	11,856 01	
	20,390 40	
Expenditures.....	5,374 15	
On hand June 1, 1905.....	15,016 25	

DISBURSED, WARRANTS PAID.

Bridge, Culvert and Crosswalk Fund	\$ 295 28
Contingent Fund.	2,368 10
Dog License Fund	8 75
Fire Fund,	676 78
Poor Fund,	91 31
Police Fund,	368 33
Street Fund	522 20
Park Fund	555 00
Street Lighting Fund,	892 55
Sidewalk Fund	145 30
Total,	5,374 15

CONDITION OF CITY FUNDS, JUNE 1, 1905

	On Hand	Over drawn.
Bridge, Culvert and Crosswalk Fund,	\$4,906 22	
Contingent Fund,	9,233 67	
City Cemetery Fund,	158 07	
Dog License Fund,		9 00
State Dog Tax Fund,	100 00	
Delinquent Tax Fund,		1,443 25
Fire Fund,		283 12
Poor Fund,	269 13	
Police Fund	157 23	
Street Fund,	520 34	
Uncollected City Tax Fund,		2,576 21
Water Fund,	4,178 42	
Storm Sewer Fund,	15 45	
Rejected Tax Fund,		158 03
Park Fund,	528 26	
Street Lighting Fund,		518 75
Sidewalk Fund,		92 04
Sidewalk Building Fund,	29 36	
Total,	\$20,096 65	\$5,080 40

PAVING FUNDS.

Labor Account Paving District No. 7,	
Trans. from contingent fund.	177 30
Trans. from labor acct. Pav. No. 8	61 50
Total,	\$ 238 80
On hand May 1, 1905.....	11,244 46

Expenditures.....	11,483 26
	61 50
On hand June 1, 1905.....	\$11,421 76

DISBURSED, WARRANTS PAID

Lab account Paving District No. 8.....	61 50
Total	61 50

Condition of Paving Funds on the 1st day of June, 1905.

	On hand	Over drawn
Tax Acc't Paving Dis. No. 4,	1,655 20	
Tax Acc't Paving Dis. No. 5,	3,071 89	
Tax Acc't Paving Dis. No. 6,	403 90	
Tax Acc't Paving Dis. No. 7,	5,453 11	
Tax Acc't Paving Dis. No. 8,	837 66	
Total,	\$11,421 76	

LATERAL SEWER FUNDS.

Tax Account Lateral Sewer No. 12	
Tax collected.....	14 82
Tax Account Lateral Sewer No. 13	
Tax collected.....	27 94
Total.....	42 76

Disbursed, Warrants Paid

Overdraft May 1.....	3,859 87
Receipts.....	42 76
Overdraft June 1.....	3,817 11
Condition of Lat. Sewer Funds on the 1st day of June, 1905.	

	On Hand	Over drawn
Tax Acc't Lat. S'r No. 9,		\$ 544 24
Tax Acc't Lat. S'r No. 10,		319 35
Tax Acc't Lat. S'r No. 11,	\$ 379 85	
Tax Acc't Lat. S'r No. 12,	75 38	
Lab. Acc't Lat. S'r No. 12,	104 15	
Tax Acc't Lat. S'r No. 13,	1,368 45	
Lab. Acc't Lat. S'r No. 13,		4,773 18
Lab. Acc't Lat. S'r No. 9		108 17
Total	\$1,927 83	\$5,744 94
Balance Overdraft.		3,817 11

RECAPITULATION

On Hand—City Funds,	\$15,016 25
Paving Funds,	11,421 76
	\$26,438 01
Overdraft—Sewer Funds,	3,817 11
	22,620 90
F. & M. bank.....	22,587 40
Cash on hand.....	33 50
	22,620 90

Respectfully Submitted,
GEO. W. SAMPLE, Treas.

Ann Arbor, Mich., June 3rd, 1905.

To whom it may concern:

This is to certify that George W. Sample, as Treasurer of the City of Ann Arbor, had on deposit in the Farmers & Mechanics Bank the sum of twenty two thousand, five hundred eighty seven dollars and forty cents (\$22,587.40) at the close of business on the 31st day of May, 1905.

(Signed) F. H. BELSER,
Cashier.

Reports of city clerk, treasurer, marshal and physician received, accepted and ordered on file.

Resolutions.

By Ald. Kearns:

Resolved, That Sam Smith be and is hereby appointed pound master. adopted.

By Ald. Schlenker:

Resolved, That the matter of Huron street pavement be referred to street committee and city attorney. Adopted.

By Ald. Fischer:

Resolved, That the board of public works be and are hereby instructed to advertise for bids on re-painting street signs. Adopted.

By Ald. Miller:

Resolved, That a brick crosswalk be ordered built on the north side of Catherine street, across Fourth avenue. Adopted.

By Ald. Goodyear:

Resolved, That the city clerk advertise for bids for the custody of the city funds and report at next regular meeting of the council. Adopted.

By Ald. Fischer:

Resolved, That the sum of twenty-five dollars be and is hereby appropriated to grade the south end of Church street along and in front of the church of the Seventh Day Adventists, said work to be done at once. Adopted as follows:

Yeas—Ald. Gill, Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Man-

waring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore—13.

Nays—None.

Ald. Manwaring called attention to the bad condition of the walk in front of Lennon property. Matter referred to the sidewalk committee.

By Ald. Fischer:

Resolved, That the recommendation of the board of public works relative to sweeping and cleaning streets, made May 15, 1905, be concurred in and Mr. Rohde's bid of \$200 be accepted.

Ald. Manwaring moved as a substitute that the matter be referred back to the board of public works they to readvertise for bids.

Adopted as follows:

Yeas—Ald. Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear—9.

Nays—Ald. Gill, Fischer, Robinson, Pres. Gilmore—4.

On motion of Ald. Coon the council requests the board of public works to furnish this body information as to what kind of a contract the sprinkling of streets for city is done under.

By Ald. Kearns:

Resolved, That the pound master be allowed forty per cent of all licenses collected by himself in addition to fees provided in ordinance.

Adopted as follows:

Yeas—Ald. Gill, Schlenker, Kurtz, Kearns, Miller, St. James, Sherk, Manwaring, Coon, Goodyear, Fischer, Robinson, Pres. Gilmore—13.

Nays—None.

Miscellaneous Business.

At a meeting of the park commission the following resolution was adopted: Resolved, That the commission recommend to the common council the passage of a suitable ordinance having for its object the protection of park property, including shrubs, trees, buildings, lawns, lawn extensions and other park improvements. Referred to ordinance committee.

On motion the council adjourned.

ROSS GRANGER, Clerk.