

Council Chamber, Ann Arbor, Mich., Mar 3, 1924.

Regular Session

Meeting called to order by President Sugden.

Present: Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 15.

Minutes of previous meeting approved.

Communications. From. Board. of Public Works

Sealed bids, with samples, were received for street signs as follows: Automatic Signal & Sign Co., Chicago, sign \$7.20, post \$1.50 f. o. b. factory; Burdick Enamel Sign Co., Chicago, sign \$7.00 with post f. o. b. factory; Sentury Sign Co., Boston, sign \$15.85 with post f. o. b. factory; Joseph N. Early, Brooklyn, sign \$9.20 with post f. o. b. Ann Arbor; Hardesty Mfg. Co., Denver, Colo., sign \$5.35, no post f. o. b. factory; Indestructible Sign Co., Columbus, sign \$4.97, no post f. o. b. factory; Lyle Signs, Minneapolis, sign \$6.86 1-2, post \$2.64 1-2 f. o. b. factory Mich. State Industries, Jackson, sign \$5.00 with post f. o. b. factory. Galien Iron Works, Galion, Ohio, stop sign only; Municipal Products & Elec. Co., Buffalo, sign \$6.90, no post f. o. b. factory; Municipal Street Sign Co., New York, sign \$10.85 with post f. o. b. factory; Standard Sign Mfg. Co., Pittsburg, enamel sign, \$2.95 post, \$2.37 1-2 f. o. b. factory; Western Display Mfg. Co., St. Paul, sign \$4.30, no post.

Moved by Mr. Atwell, that Board adopts the sign submitted by the Auto Signal Sign Co., of Chicago, Ill., and recommends to Council the purchase of street signs from this firm, providing Board can make arrangements for delivery on July 1st, 1924.

(Council action).

Moved by Ald. Johnson, that recommendation be concurred in.

Adopted by following vote; Yeas, Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman White, Norris, Gram, Pres. Sugden, 15. Nays, none.

(From Board).

Mr. George Sandenburgh, City Engineer, care of City hall, city.

Dear Mr. Sandenburgh:

We, the undersigned, hereby beg

to submit a proposition to furnish one Dodge Brothers Screen-side car according to standard factory specifications for nine hundred forty-three dollars (943.00) with an allowance of two hundred dollars (\$200 00) on the old screen-side car now used by the city engineering department.

Trusting we may be favored with this order from you, we remain,

Very truly yours,

ANN ARBOR GARAGE,

Per R. H. Alber.

Moved by Mr. Hutzel, that Board recommends to council that offer be accepted.

(Council action).

Moved by Ald. Donnelly, that recommendation be concurred in.

Adopted by following vote: Yeas, Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 15. Nays, none.

Department of State

Lansing, Mich., Feb. 25, 1924

Isaac G. Reynolds, City Clerk,
Ann Arbor, Michigan.

Dear Sir:

This will acknowledge receipt of two certified copies or amendments to sections 1 and 2 of your city charter, and you are advised that same were filed under date of February 7, 1924.

Very respectfully,

CHAS. J. DELAND,

Secretary of State.

Ordered entered in minutes.

Communication received from Secretary to the Governor with proposed amendments to Sections, 75, 141, 186, and section 3 of Act No. 313 of the Local Acts of 1895, of the charter of the City of Ann Arbor approved by Alex J. Groesbeck, Governor, under date of Feb. 27, 1924.

City of Ann Arbor Water Works Dept.

Feb. 25, 1924

To the Honorable Common Council Gentlemen:

Please cause to be transferred \$26,000 00 from our Sinking Fund to our regular Water Works fund.

Very respectfully,

WIRT CORNWELL,

GEO. J. MANN,

JOHN LINDENSCHMITT,

Board of Water Commissioners.

By Ald. Gram:

Resolved, that the sum of twenty-six thousand dollars be and

the same is hereby transferred from the Water Works Sinking Fund to the regular Water Works Fund.

Adopted by following vote: Yeas, Ald Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 15. Nays, none.

Ann Arbor, Mich.,
March 3, 1924.

To the Honorable Common Council,
of the city of Ann Arbor,
Gentlemen:

In order that the plans which the Centennial Committee, in charge of the celebration of the one hundredth anniversary of the founding of Ann Arbor, have in mind may be carried out, we estimate that an expense fund of ten thousand dollars will be needed.

We therefore request your honorable body to place before the qualified voters of the city of Ann Arbor at the election to be held April 7, 1924, the opportunity to vote upon the question of raising the sum of ten thousand dollars by taxation for the purpose of defraying in part or in whole the expenses of such celebration.

In connection with this request, it is understood that all bills, after having been passed upon by the Centennial Committee, will be presented to the Common Council for payment in the regular manner in which bills against the city are paid.

It is also understood that if the city authorized said amount no general subscription will be taken for the purpose. In view of the general value to the city of such a celebration, our committee is of the opinion that the expense is of a character that the citizens should bear it as a whole.

Very respectfully,
CENTENNIAL COMMITTEE,
by D. W. Springer, secty.

Resolution

By Alderman Norris,

Whereas, the Common Council has received a certain request from the Centennial Committee, in charge of the proposed celebration of the one hundredth anniversary of the founding of Ann Arbor, to appropriate the sum of ten thousand (\$10,000.00) dollars for the purpose of defraying in part or whole the expenses of said proposed celebration, and

Whereas, the Common Council has no power to appropriate money for such purpose unless the money is first voted by the qualified electors of the City of Ann Arbor, therefore be it

Resolved, that a special election be and the same is hereby called and will be held on the Seventh day of April, A. D., 1924, in pursuance of the State Law and the charter of this city, to vote upon the question of raising the sum of ten thousand (\$10,000.00) dollars by taxation, such funds, when raised, to be used for the purpose of defraying in part or whole the expenses of a proposed celebration of the one hundredth anniversary of the founding of Ann Arbor and to place any portion of said sum of money unexpended July 1, 1925, in the City Contingent Fund.

Resolved, further, that the polls of said election be open at 7 o'clock a. m. and remain open until 8 o'clock p. m., Central Standard Time, and that said election be held in the several wards of the City of Ann Arbor as follows:

First ward, voting room basement of City Hall; Second ward, ward building on South Ashley street; Third ward, ward building on Miller avenue; Fourth ward, voting room in basement of Armory, N. Fifth avenue; Fifth ward, ward building corner of Swift and Pontiac streets; Sixth ward, voting room, in old engine house, East University avenue; Seventh ward, first precinct, city building on Mary street; Seventh ward, second precinct, voting room in Eberbach School, corner Wells street and Forest avenue.

Resolved, further, that the City Clerk of said City be and is hereby authorized to issue the usual call for said special election, pursuant to the State Law and Charter of the City of Ann Arbor, and to cause to be printed ballots for the use of electors at said election, which ballots shall be printed upon white paper of equal width and length and shall read;

For raising the sum of ten thousand dollars by taxation, such funds, when raised, to be used for the purpose of defraying in part or whole the expenses of a proposed celebration of the one hundredth anniversary of the founding of Ann Arbor and to place any portion of said money unexpended July 1,

1925, in the City Contingent Fund.
Yes. ().

For raising the sum of ten thousand dollars by taxation, such funds, when raised, to be used for the purpose of defraying in part or whole the expenses of a proposed celebration of the one hundredth anniversary of the founding of Ann Arbor and to place any portion of said money unexpended July 1, 1925, in the City Contingent Fund.
No. ().

Adopted by following vote: Yeas, Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 15. Nays, none.

Communication received from Ann Arbor Branch Detroit Automobile Club, offering to give to city all the "Stop" signs required if the Council adopts ordinance making certain thoroughfares through streets and requiring the traffic on intersecting streets to stop before entering these thoroughfares: Wash-tenaw-ave., Twelfth st., East Huron st. from Twelfth to Main st., West Huron st., from Main st. to the city limits; North Main st. from the city limits to Huron st.; South Main st. from Huron st. to Packard st.; and Packard st. from South Main st. to the city limits.

Moved by Ald. Gram, that it is the sense of Council that our appreciation be expressed for courtesy of Ann Arbor Branch, Detroit Automobile Club, and that their offer be accepted.

Adopted by following vote: Yeas Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 15. Nays, none.

Petitions

Petition of Herman A. Ottmar and 146 others requesting that the grounds formerly occupied by the Mack School on Miller ave. be acquired for park purposes and added to West Park, received and referred to Park Committee and Park Commission.

Committee Reports

**Finance Report
Contingent Fund**

	Salary
Geo. E. Lewis	\$ 41.66
I. G. Reynolds	208 33
Ross Granger	208.33
Herbert W. Crippen	208.33
A. J. Paul	208 33

Geo. Sandenburgh	300.00
H. R. Scovill	200.00
Roscoe O. Bonisteel	166.66
C. F. Hartman	160.00
John A. Wessinger	150.00
F. C. Perry	150 00
Geo. Irvine	150.00
Julius Lohrke	125.00
Marcia M. Minnis	115.00
Jessie Crippen	115 00
Chas. Stoll	115.00
Henrietta Disderide	105 00
John Weber	100 00
Florence Hallen	83 ..
Ned R. Smith	74 33
Frank Marz (1-2 mo) .. .	74 33
O. J. Warner (1-2 mo.) .. .	50.00
Edwin Ganzhorn	50.00
Dorothy Wright	24.00

Contingent Fund total salaries

Fire Fund

	Salary
Chas. Andrew	\$ 95.16
Henry McLaren	81.48
Ralph Edwards	81.48
Jacob Gwinner	77.65
Frank Markey	74.64
Herman Kruse	74.64
Emil Damman	74.64
Mat. Heininger	74 64
Floyd Naylor	74.64
Earl Arnold	74.64
Benj. Zahn	74.64
Henry Nevroth	74.64
Arthur Clark	74 64
Clyde Carpenter	74 64
John Comiskey	74.64
Chas. Smith	76.96
Walter Fieldcamp	67.96
Percy Whitlock	67.96
Henry Grooms	67.96
Geo. Schmidt	67 96
Edward Zeeb	22.65
Chas. Carroll	42.61
Eugene Williams	40.74

Fire fund total salaries 1-2 mo. Feb. ..

Police Fund

Thos. O'Brien	\$ 95.16
J. B. Andres	79.16
Frank Keihl	79 16
W. J. Aprill	74.64
Ed. Blumhardt	74.64
M. G. Howard	74 64
Joseph Gast	74.64
Geo. Randel	74.64
Louis Fohey	74.64
Chas. Kapp	74 64
Carl Arnold	74.64
Thom. Fohey	67.96
Norman Ballard	67.96
Arnold Busch	67.96
Norman Cook	67.96
Sherman Mortensen	67 96

Harold Herzog \$ 67.96
 Clyde Orrison \$ 67.96

Police fund total salaries 1-2 mo. Feb. .. \$1,326.32

Poor Fund

John Shadford \$ 50.00
 Cemetery Fund

Herman Zulz \$ 95.00
 Park Fund

E. A. Gallup \$208.33
 Henrietta D. sderide 10.00

Park fund total salaries \$ 218.33
Water Works Fund

Geo. S. Vandawarker \$ 250.00
 Leslie Bush 192.50
 Dr. H. Emerson 50.00
 E. Cornell 10.00
 Geo. Mann 20.00
 John Lindenschmitt 20.00
 Wirt Cornwell 20.00

Total monthly salaries.. \$ 562 50

Harry Willsher \$ 64.62
 Emanuel Sodt 77.55
 Fred Linde 68 75
 Robert Rowe 62.50
 Robert Young 57.50
 Durward Young 50 00
 A. E. Hawkes 62.50
 Cliff Shetterly 77 55
 Donna Woodward 57.50
 William Groves 62.50
 J. C. Ledwidge 62 50

Total semi-monthly salaries \$ 703.47

Water Works Fund total salaries \$1,265.97

**Contingent Fund
 Engineer Dept**

Jim Acqui \$ 22 20
 A. W. Baldwin 5.00
 Walter Ballard 1.50
 DeWitt Bell 2.50
 V. W. McAdam 87.50
 Paul D. Parker 10.00
 W. L. Rye 87.50
 Fred Schmid 48.00

Engineer Dept. Total .. \$204.20

Mich. State Tel. Co. tolls..
 Services \$.40
 The Detroit Edison Co...
 city hall, etc. 58.60
 Water Works Dept. city..
 hall, etc. 13.85
 Besch & Gutekunst
 collecting garbage 1,273.33
 Emma Crippen services.. 18.00

J. A. Brown & Son sup-
 plies \$ 41

American Professions
 Supply Co, supplies... 13.15
 Chas. E. Meske supplies.. 78.40

City of Ann Arbor Mu-
 nicipal Garage (Eng...
 Dept.) 20.21

A. C. Pack P. M. supplies 46.04
 C. E. Godfrey cartage... .75
 Dell Keeler, repairs 1.75

C. H. Kttredge, repairs.. 3.14
 R. A. Steward, labor & ..
 suppl.es 193 78

Total supplies, etc.... \$1 721 81

Contingent fund total
 including salaries .. \$5 169 62

Fire Fund

Washtenaw Gas Co.
 light, etc. \$ 7.58

The Detroit Edison Co...
 light, etc. 12.78
 Banner Laundering Co...
 laundry 9.20

Varsity Laundry Co.
 laundry 15.78

American-LaFrance Fire..
 Engine Co. supplies 3.49

The Geo. L. Williams Co...
 supplies 47.11
 Ann Arbor Garage, supplies 14.65
 Auto Parts Co. suppl'es .. 8.00

Ernst Brothers Electric ..
 Shop supplies 3 42
 Wm. Goodyear & Co. sup-
 pl'es 49.61

Martin Haller supplies... 10.85
 The Mayer-Schairer Co...
 supplies75

City of Ann Arbor Muni-
 cipal Garage supplies..
 etc. 1.65

Weinmann-Geisendorfer ..
 Co. supplies38

Ann Arbor Auto Top Co...
 repairs 2.50
 John Volz & Son repairs.. 16.31
 Wolf & Colvin repairs 50

Total supplies, etc. \$ 204.56

Fire Fund total includ-
 ing salaries \$1,807.17

Police Fund

Mich. State Telephone Co.
 tolls \$ 9.70

The Detroit Edison Co...
 light 5.00
 The Western Union Tele-
 graph Co. tolls..... 1.64

Henry S Platt, Ford
 touring Car 424.00

Clyde C. Kerr & Sons
 supplies 4.00
 Luick Brother & Co.

supplies	8.25
Mack & Co. supplies....	15.00
The Mayer-Schairer Co... supplies	3.50
City of Ann Arbor Muni- cipal Garage supplies... etc.	87.59
Schumacher Hardware .. Co supplies	12.00
C. E. Godfrey cartage, .. etc	2.75
Ernst Brothers Electric.. Shop labor & supplies..	14.90
R. A. Steward labor & .. supplies	101.59
Total supplies etc ..\$	689.92

Police Fund total in-
cluding salaries .. \$2,016.24

Poor Fund

Herick & Bohnet supplies\$	5 48
A. M. Spathelf supplies...	3.95
Steve Brousalis supplies..	4 13
Emer Fritz supplies	33.81
Fred Gauss supplies	24.82
Artificial Ice Co fuel	28.88
Dodge Taxi Co. taxi	1.50

Total supplies etc ..\$ 102.57

Poor Fund total includ-
ing salary .. \$ 152.57

Park Fund

Ezra Moore labor\$	53.50
Geo. Potter labor	4.50
Claude Wyman labor	48.25

Total labor\$ 106.25

Park Fund total includ-
ing salaries\$ 324.58

Water Works Fund

James B. Clow & Sons.. supplies	\$ 3,046.08
Schumacher Hardware .. Co. supplies	2 35
Mueller Co. supplies....	920.00
Neptune Meter Co. .. supplies	100 71
The Detroit Edison Co... services	15.00
Ann Arbor Railroad Co... freight	152.39
C. E. Godfrey cartage ..	72.00
Water Works Dept .. expense	7.98
City Treasurer, renewal.. & replacement exp.	2 500.00

Total supplies, etc ..\$ 6,816.51

L. Gerrick. labor... ..\$	63.70
A. Gerstler labor	63.70
F. Furthmueller labor	14.40
W. Western labor	62.40
A. Jedele labor	60.00

Total labor\$ 264.20

Water Works Fund to-
tal including salaries\$ 8,346 68

Street Fund

Walter Ballard labor .. .	8.00
L. G. Bird labor	67.20
Ed Gram labor... ..	12 00
Fred Hanselman labor....	62.40
Emanuel Holzappel labor..	51.00
Carl Janke labor... ..	12.60
Sam Kalmbach labor	10.25
Fred Malke labor	18.90
James Mason labor	46 80
Guy Mullison labor	6.00
Julius Nimke labor	1 80
Chris. Paul labor	30.00
Chris Pfaus labor	16 00
Ed Roehm labor	38.50
Fred Ulrich labor	31.20
Martin Walsh labor	12 00
Chas. Wayman labor	26.50
Jake Young labor	6.00
John Hanselman team	6 00
Wm. Hodson team	10.00
M. Marsh team	10.00
John Miller team	17 56
John Moore team	8.00
Wm. Nimke team	12 00
Carl Rehberg team	30.89
A. F. Thompson team	56 00

Total labor\$ 607.60

City of Ann Arbor Muni-
cipal Garage supplies
etc. \$ 72.50

Wm H. L. Rhode supplies 5.25

Wm. Blaess hay & oats .. 109 40

Total supplies etc.\$ 187.15

Street Fund total\$ 794.75

Recapitulation

Contingent fund\$	5,169.62
Fire	1,807.17
Police	2,016.24
Poor	152 57
Cemetery	95.00
Park	324 58
Water Works	8,346 68
Street	794 75

Total\$ 18,706.61

Ann Arbor, Mich. March 3, 1924
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. Warrant for \$17.62 was drawn Feb. 21 1924, in favor of A. C. Pack, Postmaster, from Contingent fund for repairs for Transport truck sent C. O. D.

ISAAC G. REYNOLDS
City Clerk

To the Honorable, the Common
Council:

Gentlemen: Your Finance Com-
mittee has reviewed the foregoing

report. Warrants for salaries were drawn March 1, 1924. We recommend that same be approved and that warrants be ordered drawn for foregoing accounts. We further recommend that action of City Clerk in drawing warrant for repairs for Transport truck be concurred in.

Respectfully submitted
 Robert Norris
 W. L. Henderson
 Geo. L. Haarer
 Finance Committee

Ald. Norr's moved the adoption of report, which was adopted by following vote: Yeas, Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 15. Nays, none.

Ordinance Committee

Ald. Johnson presented the following ordinance which was given its third reading:

An Ordinance Relative to a Sanitary Sewer on Third Street Between West Washington and West Huron Streets, in the City of Ann Arbor.

Whereas, a sanitary sewer has been constructed on Third street between West Washington and West Huron streets for a distance of 232 feet north of the intersection of West Washington street and Third street, and

Whereas, most of the property in the vicinity of said sewer has been previously assessed for a sanitary sewer and therefore could not again be assessed for such a sewer, and

Whereas, it would be unfair to the remainder of the property owners in said sewer district to assess the entire cost of said sewer against their property, and

Whereas, the said sewer was ordered in by the Health Officer of the City of Ann Arbor,

Now, therefore the Common Council of the City of Ann Arbor ordain:

Section 1. The Common Council having deemed it expedient to construct a sanitary sewer on Third street between West Washington and West Huron streets for a distance of 232 feet north of the intersection of West Washington street and Third street, and proceedings have been had as provided in an ordinance entitled, "An Ordinance Relative to Sewers,

Providing for a System of Lateral and Connecting Sewers in the City of Ann Arbor" the Common Council may appropriate for the costs of construction of said sanitary sewer work such an amount of the costs thereof as the Common Council shall deem just for the City to pay in addition to the cost of street crossings, and may make such appropriations by suitable resolutions.

Section 2. The proceedings relative to the construction of said sanitary sewer has been in accordance with an ordinance entitled "An Ordinance Relative to Sewers, Providing for a System of Lateral and Connecting Sewers in the City of Ann Arbor," passed May 21, 1894; approved May 23, 1894; amended Jan. 3, 1899; amended Aug. 17, 1903; amended March 12, 1906; amended March 18, 1907; in all respects except as herein otherwise provided and expressed.

Section 3. This ordinance shall take effect and be in force ten days after legal publication thereof.

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

Passed by following vote: Yeas, Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 15. Nays, none.

Ald. Johnson presented, An ordinance to amend an Ordinance entitled "An Ordinance to Regulate and Control the Driving of Automobiles, Motor Vehicles and other Vehicles within the City of Ann Arbor," passed August 21, 1911 approved August 23rd, 1911; amended November 15th, 1915; amended Sept. 15th, 1919; amended May 17th, 1920 amended September 4, 1922.

The Common Council of the City of Ann Arbor Ordain: Which was given its first reading by title, passed to and given its second reading and referred to Ordinance Committee by following votes. Yeas, Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman White, Norris, Gram, Pres. Sugden, 15. Nays, none.

Ald. Johnson presented an ordinance entitled, An ordinance to license and regulate taxicab owners and taxicab drivers, to prescribe conditions under which they may

do business on the streets of the City of Ann Arbor, to fix the rates of fare that may be charged for the use of such vehicles, to provide for traffic regulations to govern such vehicles, to repeal all ordinances, or parts of ordinances in conflict therewith.

The Common Council of the City of Ann Arbor ordain: Which was given its first reading by title, passed to and given its second reading and referred to Ordinance Committee by following vote: Yeas, Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spethelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 15. Nays, none.

Street Committee

Curb and Gutter Resolution

By Ald. Moore,

Whereas, this Common Council has been applied to in writing by a majority of the owners of the lands, which are liable to be assessed for the payment of the construction of the same, praying for the curbing and guttering of the following curb and gutter districts:

District No. 62, On Broadway from end of pavement to City Limits; District No. 63 On Eighth-st. from Liberty-st. to Huron-st.; District No. 64, On First-st. from Jefferson-st. to Madison-st.; District No. 65, On Ferdon road from Granger-av. to Brooklyn-av.; District No. 66, On Second-st. from Mosley-st. to Liberty-st.; District No. 67, On Spring-st. from Miller-av. to Chubb road; District No. 68 On East University-av. from Oakland-av. to Packard-st.; District No. 69, On Linden-st. from South University-av. to Geddes-av.; District No. 70, On Brooklyn-av. from Packard-st. to Ferdon-rd.; within the corporate limits of the City of Ann Arbor, Michigan; and

Whereas, the curbing and guttering of the above named districts, within the limits aforesaid is deemed and declared to be a necessary public improvement; therefore be it

Resolved that it is hereby declared to be the purpose of the Common Council to cause the above named districts within the limits aforesaid, to be curbed and guttered under the charter and ordinances of the City of Ann Arbor and in pursuance of the prayer of said petitioners.

Resolved, further, that the cost and expense of the construction of such public improvements shall be charged, assessed and paid as follows: All streets and public alley intersections and fifty per cent of the remaining shall be paid by the city and the remainder shall be assessed and paid by special assessment levied and assessed according to benefits on and against all the lands, tenements and premises lying on or fronting the above named districts, within the limits aforesaid.

Resolved, further, that the said petitions along with this determination be and the same are hereby referred to the Board of Public Works with directions to report to the Council, with all convenient dispatch, suitable plans, with specifications for the said proposed improvements, the kind and quality of material to be used therefor, together with an estimate of the probable cost and expense of such public improvements.

Adopted by following vote: Yeas, Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spethelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 15. Nays, none.

Pavement Resolution

By Ald. Moore,

Whereas, this Common Council has been applied to in writing by a majority of the owners of the lands, which are liable to be assessed for the payment of the construction of the same, praying for the grading and paving of South Main street between Packard street and the city limits, within the corporate limits of the City of Ann Arbor, Michigan, and

Whereas, the grading and paving of that part of South Main street, within the limits aforesaid, is deemed and declared to be a necessary public improvement; therefore be it

Resolved that it is hereby declared to be the purpose of the Common Council to cause said South Main street within the limits aforesaid to be graded and paved under the Charter and Ordinance of the City of Ann Arbor, and in pursuance of the prayer of said petitioners.

Resolved, further, that the cost and expense of the construction of such public improvement shall

be charged, assessed and paid as follows:

All street and public alley intersections and 20 per cent of the remaining shall be paid by the city, and the remainder shall be assessed and paid by special assessment levied and assessed, according to benefits on and against all the lands, tenements and premises lying on or fronting said South Main street, within the limits aforesaid.

Resolved, further, that the said petition, along with this determination, be and the same is hereby referred to the Board of Public Works, to report to the council with all convenient dispatch suitable plans with specifications for the said proposed improvement the kind and quality of material to be used therefor together with an estimate of the probable cost and expense of such public improvement.

Adopted by following vote: Yeas, Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 15. Nays, none.

Bond Committee Report

Ald. Slauson presented plumber's bond of C. A. Conner Ice Cream Co. and Ray Steward, which was referred to the Board of Public Works for investigation.

Park and Sanitary Committee

By Ald. Haarer:

Resolved, that paragraph 10 of proposed contract between the City of Ann Arbor and Edward Besch for collection and disposal of garbage be amended by striking out said paragraph and inserting therefore the following:

10. The said Contractor further agrees, in consideration of the foregoing stipulations to be performed by the said city, to furnish, execute and deliver at his own proper cost and expense, a surety company bond to the City of Ann Arbor in the sum of Sixteen Thousand Two Hundred Dollars (\$16,200.00) running for a period of three years from date of this contract and applying for the said amount of Sixteen Thousand Two Hundred Dollars (\$16,200.00) each year of said contract, the said bond to be approved by the City Attorney of said City of Ann Arbor, to guarantee the faithful performance of this contract and to save the said

City of Ann Arbor harmless from all suits, actions, causes, damages and costs by reason of any act done or omitted to be done by the said Contractor, his attorneys, agents and employees under this contract.

Adopted by following vote: Yeas, Ald. Johnson, Slauson, Graf, Haarer, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden 15. Nays, none.

Exit Ald. Haarer.

Ald. Moore made oral report that the request of Market Committee for use of certain streets for curb market would be considered by Board of Public Works.

Proposal from E. R. Schaffer to sell to city lots 77 and 78, White's addition, was referred to Finance and Street Committees.

Matter of taking care of water in alley in block S., R. 4 E., was referred to City Engineer.

Exit Ald. Johnson

Officers' Reports

Report of Marshal for month of February received and ordered on file.

Annual Report of Water Works Department

To the Honorable Mayor and Common Council of the City of Ann Arbor, Michigan:

Gentlemen: The Board of Water Commissioners have the honor to present herewith the tenth Annual Report of the Water Works Department, covering the fiscal year from February 1, 1923, to January 31, 1924. The past year has been a very satisfactory one for the Ann Arbor Water Work Department. An adequate supply of artesian water has been furnished to meet all demands of the Water Works system. The revenues of the Department have been sufficient to pay all operating expenses, the interest on outstanding bonds, the principal on bonds due, with a surplus left which has been used in making the extensions to the distribution system as have been required by the growth of the city.

The rapid growth of the city during the past few years continued through the last year with every prospect of the growth continued. There has been an increase in the number of consumers of 337 being only 20 less than the preceding year, which was the

highest in the history of the Department. The amount of water pumped was 25 per cent more than that pumped during the preceding year and was occasioned by the extremely dry summer season and by the growth of the city.

Your Board of Water Commissioners have endeavored to meet the growth of the city by additions to the distribution system as required, and during the past year have replaced 2,950 feet of wrought iron mains with 6-inch cast iron during the course of the extensions to the Water Works system. The amount of new cast iron mains added to the distribution system during the past year was 50 per cent greater than during the previous year, which had then held the high record. The elevated steel reservoir on Medallion Street, which had been out of service for several years, has been removed. The principal improvements to the Water Works system that will need serious consideration during the next two years are the following: The warehouse, work shop and storage facilities for the Department supplies and materials are now located at the No. 2 Pumping Station and are fairly satisfactory at present but require teaming or trucking of all materials. The Department has endeavored to hold these costs to a minimum by delivering the cast iron pipe for the extension of the distribution system directly to the streets. We are of the opinion that it would be desirable for the Department to acquire at the earliest opportunity a site for the warehouse and work shop adjacent to the railroad so that pipe and supply storage might be had without rehandling and without the necessity of delivering pipe as received directly to the streets.

The Chubb Road Reservoir is a small open basin constructed of earth and lined with boulders. It is the opinion of your commissioners that the capacity of this reservoir, which is now much less than one day's average usage of water, be materially increased and that the reservoir be lined with concrete, divided to facilitate cleaning, and covered to keep the water cool and prevent the formation of algae growth to which artesian water is susceptible.

The Water Works Department is continuing the accumulation of data and information relative to water softening and the removal of dissolved iron from the water, but have not as yet reached the point of making definite recommendations relative to these matters.

The work that has been accomplished by the Water Works Department in the last year is taken up under appropriate headings in the discussion following:

Water Supply:

During the past year the No. 3 (Steere Farm) Pumping Station furnished 88.5 per cent of the total amount of water used in the City. Had it not been for the break in the supply main from the No. 3 Station to the City, necessitating a shut-down of the No. 3 Station for a period of about three weeks, about 93.5 per cent of the total water would have been supplied from this station. The No. 2 Pumping Station was not operated for supplying water to the system during the year. Excepting for a short period in May and June, all of the water pumped into the distribution system was artesian well water. During the three weeks' shut-down of the No. 3 Station chlorinated river water was supplied.

During the year the injunction suit brought the previous year against the City and Water Department by the farmers, claiming damage to their lands by the redrawing of water in the vicinity of No. 3 (Steere Farm) Pumping Station, was reopened for testimony, but the decision from the Court has not been made.

The rather dry summer which materially decreased the supply of the artesian wells in the Steere Farm district, as well as very materially increasing the amount of water used in the City, gave the water supply source of the City its most severe test since beginning operations at this plant, but no difficulty was occasioned in obtaining an adequate water supply from this source. The increased delivery of water from the No. 3 Pumping Station was 25 per cent over that of the preceding year; and while it is probable that a portion of this increase was due

to the particular season conditions prevailing, nevertheless a considerable part of the increase was due to the increasing growth and consequent use of water in the City, and should this rate of growth be maintained in the future it will be necessary to augment the present water supply.

Pumping Plants:

THE NO. 1 PUMPING STATION is located near the Barton Dam, about one-half mile outside of the northwest corner of the City. This station has installed one 5,000,000 gallon per day electric motor driven centrifugal pump and one 2,500,000 gallon per day steam driven pumping engine. This plant is maintained solely as a reserve station for use in case of large fires or other serious emergencies that would overtax the other pumping stations. The plant is operated a short time each day to deliver the artesian water collected at this station, thereby keeping the reserve pumps in running condition.

The necessity of such a station was demonstrated during the latter part of May of the past year when an elbow of the 20" main supply pipe from the No. 3 Pumping Station pulled out because of the softened condition of the ground due to saturation by surface water, thus necessitating the shut-down of this station during the period of repair. The No. 1 Station was immediately put into regular service supplying the City with no interruption with water from the Barton pond treating the water with liquid chlorine to eliminate any harmful bacteria from the chlorinating apparatus which has been continuously maintained at this station for several years for emergency.

THE NO. 2 PUMPING STATION, located on West Washington Street entirely within the City Limits contains an electric motor driven centrifugal pump of 550,000 gallons per day capacity. The water supply of this station is not entirely satisfactory because the development of the City has so closely hemmed in the area from which water has been taken, hence this station has not been operated to supply water for the City since February of 1922, although maintained in readiness to operate for emergency with chlorinating ap-

paratus ready for use should the station be operated.

THE N. 3 PUMPING STATION, located about three miles south of the City on State Street at the so-called Steere Farm, has installed two electric motor driven centrifugal pumps of 3,700,000 gallons per day capacity each. Up to the present time these pumping units are operated alternately. It has not been found necessary to operate both pumps at the same time, even while supplying the maximum demand of the City to date. The average daily pumpage, however, during January this year exceeded 3,000,000 gallons per day at this station; hence it is unlikely that the entire station capacity might be needed in meeting the daily demand which might occur during the coming season.

Distribution System:

During the year the largest additions to the distribution mains were made since the beginning of operations of the plant, exceeding last year's record which was the previous high by 50 per cent. there having been 21,367 feet of 6-inch and 274 feet of 8-inch cast iron main laid, and 21 fire hydrants added. All mains were laid by the Water Works Department, using the trenching machine which was purchased the previous year, and which has made it possible for the Department to take care of all extensions of the distribution system.

Satisfactory water pressure is generally maintained in all parts of the City, although the great development occurring at the several edges of the City may require the addition of trunk feeder mains to these sections.

During the first part of June after the repair of the main from the No. 3 Pumping Station, the entire distribution system was thoroughly flushed to remove so far as possible the accumulated iron which had been deposited. Considerable water was used for this purpose, making the June pumpage higher than normal for the month. The results of the flushing, however, were particularly good, in that it cleared up a number of cases where a great usage of water through smaller size mains had occasioned turbu-

lence and discoloration at the customers' fixtures.

Meters:

All customers taking water from the Water Works System are metered. The water used for the flush tanks of the sewer system and that used for fire fighting purposes, street flushing and for main flushing is not metered. The per capita consumption of water in this City is rather difficult to determine because of the variable population. It, however, has been estimated on the basis of the best information the Department could obtain the consumption to range from 85 gallons per capita to 127; the lower figure probably representing normal usage without sprinkling and without wastage of water to prevent some household fixtures from freezing, while the higher figure is occasioned by the usage of water for sprinkling and to prevent fixtures freezing.

Upon the installation of meters the wastage was reduced and in about 1921 the City received the maximum effect in reduction of wastage from the use of meters. Since that time the growth of the City has increased the usage of water continuously.

The rates now charged for water your Commission believe to be fair and very satisfactory. The revenue derived is sufficient to pay the expenses of the Department, the interest on the bonds, the principal of the bonds that were due, with a surplus which has been used in making extensions to the distribution system. A lesser water rate to customers would require obtaining much more of the money for extensions from other sources while a higher rate is not required unless unforeseen contingencies would necessitate an increased revenue to meet the expenses of the Department.

Financial:

The total revenues from operations of the Department during the past fiscal year amount to \$146,244.47, or a gain of 9 per cent over the income of last year. During this period the cost of operation and maintenance of the Department has increased 15 per cent, being primarily the result of increase in power cost and maintenance expense. The total capital

expenditures added to the Water Works System during the year amount to \$58,592.35, of which \$57,744.73 was from earnings and \$847.62 from bonds. There remains on hand \$28,027.40 of unissued bonds and unexpended amounts received from bonds for the construction of the No. 3 Pumping Station and for the purchase of water rights at the station. A summary of the financial operations is shown in the following table.

Conclusions:

In conclusion we would commend to you the efficient and willing co-operation of the employees of the Water Works Department upon whom the successful and economical operation of the Department depends. The statistical report of G. S. Vandawarker, Manager for the fiscal year is attached hereto.

WIRT CORNWELL,

GEO. J. MANN,

JOHN LINDENSCHMIDT

Board of Water Commissioners.

Annual Report of Water Works Department From Feb. 1st, 1923, to Jan. 31, 1924.

Operation.

Station No. 1, Salaries and Supplies	\$ 3,152.53
Station No. 1, Power ..	1,425 30
Station No. 2, Salaries and supplies	1,270.25
Station No. 2, Power ..	84 00
Station No. 3, Salaries and Supplies	3 904.60
Station No. 3, Power ..	13 272.59
General Expense Salaries and Supplies....	6,806.26
Office Expense, Salaries and Supplies	8,625.89
Utilities Expense	1,257.60
Taxes	268 68
Insurance	795.74
Damages	7.00

\$ 40 870.94

Maintenance.

Repairs, Station No. 1. \$	35.52
Repairs, Station No. 2.	211.07
Repairs, Station No 3.	807.42
Repairs, Mains, Hydrants and Valves..	2,200.41
Repairs, Services	1,178.48
Repairs Meters	2,122.66

\$ 6,555.56

Total Operation \$ 47 426.50

Interest on Bonds... 34,766.25
 \$ 82,192.75

Revenue.

Operating Revenue.

Flat Rate\$ 746.22
 Meter Rate 107,799.41
 Meter Repairs 1,182.90
 Service Taps 9,993.78
 Subdivision Footage .. 5,528.72
 Off & On 101.50
 General Municipal Service 29,641.82

\$154,994.35

Non-operating Revenue (Rents) 200.00

Gross Revenue\$155,194.35
 Deductions from Income

Discounts\$ 8,827.14
 Refunds 122.74

\$ 8,949.88

Net Revenue\$146,244.47

Summary.

Net Revenue:
 Income from all sources\$146,244.47

Deductions from income:
 Operation\$ 40,879.94
 Maintenance 6,555.56
 Interest on funded debt 34,766.25
 Accounting adjustment 25.00

\$ 82,217.75

Net earnings from operation, credited to surplus\$ 64,026.72

Deductions from surplus:
 Depreciation\$ 18,066.02
 Interest on replacement fund at 4 per cent 2,622.03

\$ 20,688.05

Operating net profit as per surplus account.\$ 43,338.67

Capital Assets Since Municipal Ownership.

	Earnings	Bonds	Total
Value added to Plant, 1914..	\$ 19,760.93	\$	\$ 19,760.93
Value added to Plant, 1915..	21,233.28	.....	21,233.28
Value added to Plant, 1916..	46,676.73	.....	46,676.73
Value added to Plant, 1917..	89,289.86	.....	89,289.86
Value added to Plant, 1918..	14,773.13	.....	14,773.13
Value added to Plant, 1919..	21,260.71	295 100.68	316,361.39
Value added to Plant, 1920..	21,306.84	76 559.41	97,866.25
Value added to Plant, 1921..	41,918.67	21,636.59	63,555.26
Value added to Plant, 1922..	36,186.36	11,685.90	47,872.26
Value added to Plant, 1923..	57,744.73	847.62	58,592.35
Total additional value.....	\$370,151.24	\$405,830.20	\$775,981.44

Total additional value\$ 775,981.44
 Original cost to city.. 450,000.00
 Actual cost at this date\$1,225,981.44
 Less property abandoned (obsolescent) 54,507.45

Book value as at Jan. 31st, 1924\$1,171,473.99
 Less bal. depreciation reserve account .. 71,350.81

Actual value as at Jan. 31st, 1924..\$1,100,123.18
Itemized Value of Plant Additions, 1923.

Station No. 2\$ 271.17
 Station No 3 129.77
 Distribution .. 53,589.52
 Water supply 717.85

Tools & construction equipment 853.46
 Traction ditcher 1,026.39
 Office furniture & fixtures 101.84
 Utility equipment .. 2,014.35

\$ 58,704.35

Less cash credit, scrap pipe 112.00

Total capital expenditures\$ 58,592.35
Income Since Municipal Ownership, Jan. 31st, 1914.

Jan. 31st, 1915\$ 80,489.45
 Jan. 31st, 1916 88,045.44
 Jan. 31st 1917 95,591.91
 Jan. 31st, 1918 (spring curtailed) .. 94,090.94
 Jan. 31st 1919 100,615.63
 Jan. 31st, 1920 106,580.22

Jan. 31st, 1921 (3 months' loss of revenue)	94,536.55
Jan. 31st, 1922	125,143.20
Jan. 31st, 1923	134,264.01
Jan. 31st, 1924	146,244.47

Statement of Affairs.

Assets.

FIXED ASSETS—	
Plant investment:	
Pumping Station No. 1	\$ 43,600.07
Pumping Station No. 2,	23,603.02
Pumping Station No. 3	72,152.10
Distribution	833,495.62
Reservoir, Chubb Road	9,117.22
Steel tank (real estate)	1,680.00
Utility equipment ...	4,491.85
Water supply	166,997.11
Tools & construction equipment	5,542.39
Traction ditcher & equipment	8,287.72
Office furniture & fixtures	2,506.89

\$1,171,473.99

CURRENT ASSETS—

Cash on hand	\$ 813.13
Bal with Treasurer, open account ...	\$10,150.47
Special deposit A (n. b.) ..	4,178.72
Special deposit B (n. b.) ..	25,405.15

39,734.34

Accounts receivable:

Dist No. 1, Current ..	\$ 7,854.68
Delinquent ..	1,995.01
Doubtful ..	488.87
Estimated, 1 mo. Dist. No. 2 ...	5,174.14
Estimated, 2 mo Dist. No. 3 ...	2,691.15
	<u>18,203.85</u>
	\$ 58,751.32

BUSINESS ASSETS—

Prepaid accounts:	
Insurance	\$262.30
Fuel	320.67
	<u>582.97</u>

D E F E R R E D

C H A R G E S—	
Uninvested sinking fund	26,905.15

Total assets\$1,257,713.43

Liabilities.

FIXED LIABILITIES—	
Bonds payable	\$745,000.00
Budget appropriation	89,616.00
	<u>\$ 834,616.00</u>

ACCRUED LIABILITIES—	
Interest on funded debt	10,120.00

CURRENT LIABILITIES—	
Accounts payable ..	\$ 3,174.68
Consumers' deposits ..	4,220.00
	<u>7,394.68</u>

RESERVES—	
Sinking fund (budget) ..	\$ 4,178.72
Sinking fund (earning)	25,405.15
Depreciation reserve (n. b.)	71,350.81
	<u>100,934.68</u>

Total liabilities ...\$ 953,065.36

Surplus in plant ...\$253,225.55

Net gain as at Jan. 31st 1924 51,422.52

Present capital ... 304,648.07

\$1,257,713.43

NOTES (n. b.)—

SPECIAL DEPOSIT A—Balance of \$24,000.00 received from City Budget, July 31st, 1923, to pay general municipal service charges.

SPECIAL DEPOSIT B—Sinking fund from earnings accumulating at the rate of \$1,500.00 per month to be used for retiring bond issues as they accrue.

DEPRECIATION RESERVE — (No Fund)—A book account, the regulation of which ultimately depends upon the principle that it is to suffice to keep the book value and the true value as nearly equalized as possible, and time only will show whether the amounts assumed and used are adequate

KIND	Meters In Use.								TOTAL
	SIZE								
	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	
Trident	5,399	234	130	40	75	12	9	4	5,903
Empire	6	1	1	1	.	.	.	.	9
Lambert	8	.	.	.	.	.	.	.	8
Gem .. . . . .	.	.	.	.	.	2	.	.	2
Crown .. . . . .	.	.	.	.	.	.	1	.	1
Unior .. . . . .	.	.	.	1	.	.	.	.	1
Magno Seal .. . . . .	.	.	1	.	.	.	.	.	1
Enarc .. . . . .	.	1	.	.	.	.	.	.	1
	5,413	236	132	42	75	14	10	4	5 926

**Cancellation of Water Bonds.
Purchase of Plant.**

Year Due	Clerk's No.	No. Bonds	Amount	
1920	1- 44	44	\$22,000.00	Pa'd
1921	45- 90	46	23,000.00	Pa'd
1922	91-138	48	24,000.00	Pa'd
1923	139-188	50	25,000 00	Pa'd
1924	189-240	52	26,000.00	
1925	241-294	54	27,000.00	
1926	295-350	56	28,000.00	
1927	351-410	60	30 000.00	
1928	411-472	62	31,000.00	
1929	473-538	60	33,000.00	
1930	539-606	68	34,000 00	
1931	607-676	70	35,000.00	
1932	677-748	72	36,000.00	
1933	749-822	74	37,000.00	
1934	823-864	42	21,000.00	
1935	865-900	36	18,000.00	
16 yrs		900	\$450,000.00	

Purchase of Steere Fa m Land.

\$20,000.00 Issue
 \$2,000 00 Unpaid
 \$2,000.00 due Aug. 1st, 1923 Pa'd
 \$2 000.00 due Aug. 1st. 1924

Plant at Steere Farm.
 Bond Issue for 10 years
 Original \$200,000.00. all due July 1st, 1928.

Completion of Steere Farm Station.
 Bond Issue for 10 years
 \$45,000.00, all due Aug. 1st. 1929.

Meter Bond Issue.
 \$75,000.00, all due Aug. 1st, 1929.

Purchase of Water R'ghts, Steere Farm.
 Bond Issue for 15 years.
 \$66,500.00 sold. \$18,500 00 unsold.
 All due May 15, 1935.

Water Pumped from Feb. 1st, 1922, to Feb. 1st, 1923.

	Sta. No. 1	Sta. No. 2	Sta. No. 3	Total	Aver. Daily Pumpage
February ..	6,162,000	203,000	52,604,000	58,969,000	2,106,035
March ..	6,457 000	204 000	57,835,000	64,496,000	2,080,516
April ..	6,176,000	.....	56 420,000	62,596 000	2,086,533
May	6,269 000	.....	66,304 000	72,573,000	2,341,064
June	6,468,000	.....	68,787,000	75,255,000	2,508,500
July	5,738,000	.....	77 271,000	83,009 000	2,677,709
August	6,150,000	.....	70,480,000	76 630,000	2,471 935
September ..	6,439,000	.....	60,852,000	67,291,000	2,243,033
October	5,802 000	.....	73 265,000	79,067 000	2 550,548
November ..	6 300,000	.....	70,240 000	76,540,000	2,551,333
December ..	7,240,000	.....	65,663,000	72,903,000	2,351,709
January	5,770,000	.....	71,789 000	77,559,000	2 501,930
				866,888,000	

Water Pumped from Feb. 1st, 1923, to Feb. 1st, 1924.

	Sta. No. 1	Sta. No. 3	Total	Aver. Daily Pumpage
February ...	5,169,000	68,265,000	73,434,000	2,622,642
March	6,079 000	76,290,000	82,369 000	2,657,064
April	6,632,000	70 680,000	77 312,000	2,577,063
May	36 781,000	48,027,000	84,808,000	2 738,064
June	29,021,000	73 031,000	102,052,000	3,401,733
July	6,416,000	83,678 000	90,094 000	2,933 548
August	5,277,000	87,108,000	92,385 000	2,960,161
September	4,835,000	77,542,000	82,377 000	2,745,900

October	6,312,000	92,143,000	98,455,000	3,175,967
November	5,793,000	89,441,000	95,234,000	3,174,466
December	5,198,000	84,617,000	89,815,000	2,897,250
January	5,824,000	95,747,000	101,571,000	3,276,483

1,069,906,000

Water Mains in the City of Ann Arbor.

	20"	16"	14"	12"	10"	8"	6"	4'	2"	1 1/2"	1 1/4"	1"	3/4"
1922 ..	17,694	26,223	5,584	20,904	4,291	14,844	228,790	19,992	8,883	4,833	4,843	7,597	43
Laid in 1923.	.....	.....	.....	.....	.....	274	21,367	.....	.....	.....	.....	.....	.....
Out in 1923 ..	17,694	26,223	5,584	20,904	4,291	15,118	250,157	19,992	8,883	4,833	4,843	7,597	43
	17,694	26,223	5,584	20,904	4,291	15,118	250,157	19,992	8,683	2,913	4,013	7,597	43

	Daily Aver. Gallon Pumped to each inhabitant, 1922.	Daily Aver. Gallon Pumped to each inhabitant, 1923.
February	79.6	86.2
March	78.5	87.3
April	78.7	84.7
May	88.4	90.0
June	94.7	111.8
July	137.0	125.5
August	126.5	126.5
September	114.8	117.4
October	96.3	104.3
November	96.4	104.3
December	88.6	95.2
January	94.5	107.7

Population

During the months February, March, April, May, June, October, November, December and January 30,400

During the months July, August and September 23,400

Meter Rates.

For the first 1,500 cubic feet (11,250 gallons) per quarter year, supplied through a single meter, the rate shall be 15c per 100 cubic feet (20c per 1,000 gallons).

For the next 98,500 cubic feet (738,750 gallons) per quarter year, through a single meter the rate shall be 9c per 100 cubic feet (12c per 1,000 gallons).

For all in excess of 100,000 cubic feet (750,000 gallons) per quarter year, through a single meter, the rate shall be 6c per 100 cubic feet (8c per 1,000 gallons).

A discount of 10 per cent on all bills rendered at the above rates shall be allowed when bills are paid on or before the tenth of the month in which they are due.

A minimum charge of \$1.50 shall be made to each customer whose net bill for the quarter is less than this amount.

Extensions.

432 feet of 6" pipe on Berkshire Road east from Loraine Place.

748 feet of 6" pipe on S Seventh from Davis to Pauline Blvd.

690 feet of 6" pipe on Day from Wayne to Berkshire.
 630 feet of 6" pipe on Vinewood from Washtenaw to Loraine Place.
 1,106 feet of 6" pipe on Washtenaw from last hydrant to Tuomey Road.
 1,051 feet of 6" pipe on Jackson Ave. from last hydrant to Fair Grounds.
 37 feet of 6" pipe on Worden north of Jackson Ave.
 1,552 feet of 6" pipe on Hutchins Ave. from Pauline Ave. to City Limits.
 286 feet of 6" pipe on Jefferson from Ashley to First St.
 162 feet of 6" pipe on Hiscock from last hydrant to Daniel.
 24 feet of 6" pipe on Walnut off Geddes.
 238 feet of 8" pipe on Seneca Road from Tank to Onondaga.
 1,160 feet of 6" pipe on Tuomy Road from Melrose Ave. to Washtenaw Ave.
 510 feet of 6" pipe on White from Granger to Rose
 308 feet of 6" pipe on Kingsley from First to Ashley.
 37 feet of 6" pipe on Fair View north of Jackson Ave.
 727 feet of 6" pipe on Eber White Blvd. from Elder Blvd. to Madison St.
 495 feet of 6" pipe on Lutz from Eber White Blvd. to Elder Blvd.
 425 feet of 6" pipe on Franklin from Hutchins to Seventh St
 273 feet of 6" pipe on Miner from last hydrant to Pearl St.
 496 feet of 6" pipe on Eighth St. to Woodbridge Blvd.
 317 feet of 6" pipe on Pearl from Miner to Gott St.
 403 feet of 6" pipe on Charlton Ave. west from Virginia Ave.
 36 feet of 6" pipe on Berkley Ave. off S Main.
 36 feet of 6" pipe on Fischer Ave. off S Main.
 1,195 feet of 6" pipe on Second St. from Jefferson to Moseley.
 46 feet of 6" pipe on Camden Court north off Geddes.
 315 feet of 6" pipe on Pauline Blvd. from Seventh to Hutchins Ave.
 1,266 feet of 6" pipe on Melrose Ave. from Devonshire to Tuomy Rd
 1,224 feet of 6" pipe on Devonshire Road from Washtenaw Ave. east
 46 feet of 6" pipe on Dorset Road from corner of Onondaga.
 725 feet of 6" pipe on Sixth St. from Jefferson to Madison.
 20 feet of 6" pipe on Onondaga to Dorset Road.
 418 feet of 6" pipe on Cedar west from Wright St.
 1,400 feet of 6" pipe on Maiden Lane from Broadway to Cedar Bend Drive
 498 feet of 6" pipe on Daniel St. from Hiscock to Summit.
 38 feet of 6" pipe on Wright St. north of Cedar.
 45 feet of 6" pipe on First to complete circuit on Ashley.
 200 feet of 6" pipe on Ashley from Kingsley north to last hydrant.
 1,290 feet of 6" pipe on S. Main to City Limits
 36 feet of 6" pipe on Keech Ave. off S. Main.
 24 feet of 6" pipe on Linden off Geddes.

New Connections.

337 New Service Connections (Taps).

21 New Hydrants installed.
 Respectfully submitted.

WATER WORKS DEPARTMENT

Of the City of Ann Arbor

By Geo. S. Vandawarker,

Manager.

The annual report of Water Works Dept was presented Feb. 18, 1924, and ordered printed in minutes of this meeting.

City Engineer's Report of Cost of Pavement

To the Common Council,
 Ann Arbor, Mich.

Gentlemen:

I submit the following total cost and distribution of cost of the Washtenaw Ave. pavement, Dist. No. 55.

Total Cost

Contract cost.	
Base-Header-Curb & Gutter & excav., Dawson Bros. Contractor	\$13,227 51
Sheet Asphalt & extra work on inlet runs, A. A. Asphalt Const. Co., Contractor	7,750 53
Cement	3,226.95
Drainage work (tile castings, etc.)	298 59
Engineering and contingencies (City)	323.40
Engineering and inspection (State Highway)	443.80
	<hr/>
	\$25,270.78

Distribution of Cost

City share	\$10,935.96
Property share	14,334.82
Total cost	\$25,270.78

Respectfully submitted,

GEO. H. SANDENBURGH,
City Engineer.

By Ald Henderson:

Resolved, that the City Engineer's report of cost and distribution of cost of construction of pavement in District No 55 be approved and the City Clerk is hereby instructed to certify the same to the City Assessor.

Adopted by following vote: Yeas, Ald. Slauson, Graf, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 13. Nays, none.

Mayor Lewis announced that the annual convention of the League of Michigan Municipalities would be held in this city October 23, 24, 25, 1924, and requested permission to appoint committees on General Arrangements, Meeting Place, Hotels, Banquets, Entertainments and other necessary committees.

Moved by Ald. Freeman, that request be granted.

Adopted by following vote: Yeas, Ald. Slauson, Graf, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 13. Nays, none. By Ald. Markey.

Resolved, that the City Attorney be authorized to publish a statement explaining the proposed amendments to the charter and other propositions which will be submitted to the electors on April 7, 1924.

Adopted by following vote: Yeas, Ald. Slauson, Graf, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 13. Nays, none.

By Ald. Lucas.

Resolved, that the City Clerk be instructed to publish the proposed amendments to the charter in the Ann Arbor Times News.

Adopted by following vote: Yeas, Ald. Slauson, Graf, Lucas, Henderson, Markey, Donnelly, Spathelf, Moore, Freeman, White, Norris, Gram, Pres. Sugden, 13. Nays, none.

Council adjourned.

ISAAC G. REYNOLDS,
City Clerk