

Council Chamber, Ann Arbor, Mich., April 16, 1928.

Regular Meeting

Meeting called to order by President Woodbury.

Present: Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury, 14.

Absent: Ald. Bursley, 1.

Printed proceedings of March 26, 1928, approved.

Printed proceedings of April 5, 1928, not received from printer.

By Ald. Fisher:

Resolved, that the rules of the last Common Council be and the same are hereby adopted as the rules of this Common Council.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury, 14. Nays, none.

Communications from the Mayor

Ann Arbor, Mich., April 16, 1928.
To the Honorable, the Common Council

Gentlemen:

The following appointments are respectfully submitted for your approval:

Frank W. Stampfler, Treasurer
Carl A. Lehman, Attorney
William L. Dawson, Board of Police Commissioners.

Sincerely,

EDWARD W. STAEBLER.

Mayor.

Moved by Ald. Maulbetsch, that action of Council of April 18, 1927, relative motion, "that hereafter all appointments made to an office needing the confirmation of this council be laid over until a subsequent regular meeting of the council before this council takes any action toward approval or confirmation," be rescinded.

Adopted by following vote: Yeas, Ald. Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Townley, Fisher, 9. Nays, Ald. Slauson, Severance, Kurth, Lutz, Pres. Woodbury, 5.

Moved by Ald. Draper, that we vote on appointments singly.

Moved by Ald. Lutz that action be deferred until next regular meeting.

Lost by following vote: Yeas, Ald. Slauson, Severance, Kurth,

Lutz, Pres. Woodbury, 5. Nays, Ald. Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Townley, Fisher, 9.

Original motion to vote on appointments singly was adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury, 14. Nays, none.

Moved by Ald. Fisher, that appointment of Frank W. Stampfler as city Treasurer be confirmed.

Adopted by following vote: Yeas, Ald. Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury, 13. Nays, Ald. Slauson, 1.

Moved by Ald. Draper, that appointment of Carl A. Lehman as City Attorney be confirmed.

Adopted by following vote: Yeas, Ald. Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Townley, Fisher, 9. Nays, Ald. Slauson, Severance, Kurth, Lutz, Pres. Woodbury, 5.

Moved by Ald. Draper, that appointment of William L. Dawson as member of the Board of Police Commissioners be confirmed.

Adopted by following vote: Yeas, Ald. Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Kurth, Townley, Fisher, 10. Nays, Ald. Slauson, Severance, Lutz, Pres. Woodbury, 4.

President Woodbury appointed the following committees for ensuing year:

Finance — Slauson, Lutz, Severance.

Ordinance — Severance, Slauson, Bursley.

Budget — Lutz, Severance, Slauson, Maulbetsch, Draper, Allmendinger, Townley.

Sewer—Kurth, Harris, Bursley, Fisher, Graf, Bradley, Slauson.

Street — Maulbetsch, Draper, Townley, Fisher, Severance, Harris, Wuerth.

Sidewalk — Graf, Townley, Wuerth, Allmendinger, Bradley, Kurth, Lutz.

Traffic — Allmendinger, Draper, Lutz.

Railway — Bursley, Maulbetsch, Fisher.

Fire and Police—Draper, Maulbetsch, Townley.

Water — Fisher, Allmendinger, Bursley.

Lighting — Townley, Wuerth, Lutz.

Bond & License—Bradley, Kurth, Graf.

Park & Sanitary—Wuerth, Harris, Bradley.

Poor & Cemetery—Harris, Kurth Graf.

Moved by Ald. Fisher, that committee appointments be confirmed.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury, 14. Nays, none.

From Board of Public Works

To the Board of Public Works.

Ann Arbor, Mich.

Gentlemen:

I submit the following preliminary estimates of cost of construction of Kenwood Ave. Pavement from Jackson Ave. to Abbott Ave. 7 inch reinforced concrete pavement.

Labor and material	\$3,246.00
Engineering & contingencies	324.60
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Estimated cost\$3,570.60

Greenwood Ave. Pavement, East University Ave. to Packard St. 7-inch reinforced concrete pavement

Labor and material	\$3,631.90
Engineering & contingencies	363.19
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Estimated cost\$3,995.09

Plans and specifications are on file in my office.

Respectfully submitted,
GEO. H. SANDENBURGH,
City Engineer.

Moved by Mr. Rentschler, that recommendation of City Engineer be concurred in and that plans, specifications and preliminary estimate for paving Kenwood Ave. and Greenwood Ave. with 7-inch reinforced concrete, be approved and referred to Council.

(Council action)

Referred to Street Committee.

(From Board)

To the Board of Public Works, Ann Arbor, Mich.

Gentlemen:

I submit the following preliminary estimate of the cost of con-

struction of the Detroit St. pavement, Catherine St. to Depot St., (space vacated by D. U. R. tracks) Plans and specifications are on file in my office.

Labor and material	\$6,423.75
Engineering & contingencies	963.56
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Estimated cost\$7,387.31

Respectfully submitted,
GEO. H. SANDENBURGH,
City Engineer.

Moved by Mr. Rehberg, that plans, specifications and preliminary estimate be approved and referred to Council.

(Council action)

Referred to Street Committee.

April 13, 1928.

Common Council.

City of Ann Arbor,
Ann Arbor, Michigan

Gentlemen:

On behalf of the Board of Education I am requesting you to prepare and execute quit-claim deeds in connection with the alley closing action of your meeting on April 5. to the following people:

Frank I. and Laura J. Cornwell, husband and wife for that part adjoining Lot 13 Woodside Plat.

Eta Building Association of Chi Omega for that part adjoining Lot 12 Woodside Plat. and

The Public Schools of the City of Ann Arbor for that part adjoining Lots 3, 4 and 5 Oxford Terrace.

Respectfully,
G. J. RAY,
Business Mgr.

Moved by Ald. Fisher, that the Mayor and City Clerk be instructed to sign quit-claim deeds on behalf of city as requested, when deeds are approved by City Attorney.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury, 14. Nays, none.

Notice of cancellation from Southern Surety Co., Re: Pierce Motor Bus Co. indemnity bond, covering electric sign at Fourth Ave. and Ann St., received and referred to City Attorney.

Petitions

Of Cuthbert and Cuthbert, in be-

half of clients, to change the following described property from class "B" to Class "C" received and referred to Board of Appeals:

First—The property with sixty-six foot frontage on E. Ann St. by one hundred and thirty-two feet in depth adjacent to the Class "C" property at the Northwest corner of E. Ann St. and Glen Ave.

Second—The piece of property 198 ft. frontage on the south side of Catherine St. by 134 ft. in depth, consisting of three 66 ft. lots, adjacent on the west to the Class "C" property on the southwest corner of Catherine St. and Glen Ave. A communication from the Board of Appeals recommending that a former petition to change part of the foregoing described property be granted was presented and action deferred.

Petition of Bruce Jennings, et. al., and consent of abutting property owners, to change lots 18 and 19. Brown and Kearney add., from class "B" to class "C" received and referred to Board of Appeals.

Petition of J. M. Cook for sidewalk on Day St. and crosswalk at Day St. and Berkshire road, received and referred to Sidewalk Committee.

Petition of J. M. Cook, for street light at corner of Day St. and Berkshire Rd., received and referred to Lighting Committee.

Petition of Tony Christoff, for no-parking space in front of St. James Hotel, received and referred to Traffic Committee.

Petition of Edythe Longman, et. al., for lateral sewer on Longman Lane between Jackson Ave. and Fairview Ave. received and referred to Sewer Committee.

Petition of W. S. Butterfield, requesting permission to extend cement on the lawn extension leading into the driveway in front of his property on S. State St., formerly known as Vaughan property, received and referred to Board of Public Works.

Curb & Gutter Petitions

Of M. B. Eichelberger, et. al., for curb and gutter on Rose Ave. between E. Park Place and White St., and petition of E. H. Knop, et. al., for curb and gutter on Pauline Blvd., between Seventh St. and Fifth St. received and refer-

red to Street Committee.

Mayor Edward W. Staebler requested that the following be presented at this time:

Mayor's Message

To the Honorable, the Common Council:

It is generally recognized that Ann Arbor is not an industrial city and that the livelihood of the majority of its citizens only indirectly depends upon industrial prosperity. For this reason, and for the added reason that those industries which contribute to the support of our citizens have in the past been more than ordinarily prosperous, there has been a tendency on the part of the community as a whole to ignore questions connected with the prevailing industrial situation.

Yet it has become very evident during the past fall and winter that we can no longer remain entirely unconcerned about industrial problems. It has been apparent to everyone in touch with the situation that Ann Arbor has just passed through one of the worst periods of unemployment in its history, more serious, it has seemed, than even in the depression years following 1921. Many of our citizens have been without work for months in succession, many have been able to secure only haphazard employment.

I need hardly point out that this is a very unhealthy situation for the whole locality. The whole community suffers when any part of it suffers. It will be generally acknowledged, I believe, that if the community collectively can help to remedy the situation it may well do so.

The important question is: what can be done?

It is quite possible, of course, that nothing can be done about unemployment. The depression in factory and construction work may be due to conditions over which we can exercise no control. A city may be too small a unit in which to set on foot corrective measures. On the other hand it is quite possible that we may, if we know what the situation is, be able to take steps to prevent a recurrence of the widespread unemployment of last winter.

At any rate before anything whatever can be done, we must have fairly accurate and complete information about the problem with which we are to deal. In the particular case of unemployment we must know how extensive it is, in what lines of work it is most prevalent, when it began, how long it has lasted, what factors brought it about, and whether it is likely to recur. These are intricate questions that call for careful study by men qualified to understand the questions with which they deal. And yet before we can intelligently act to help ourselves we must have this information.

I am accordingly submitting for your approval the names of the following six men as a committee to study the causes, conditions, and possible remedies of unemployment in our city:

Chairman E. E. Linton, prominent in the affairs of the local Trades Council and the Michigan Federation of Labor.

Lowell J. Carr, Assistant Professor of Sociology, specializing in modern industrial problems.

Carter Goodrich, Associate Professor of Economics, head of the Labor Section of the Economics department.

Clare E. Griffin, Acting Dean and Professor of Marketing, School of Business Administration.

C. W. Lighthall, General Manager of the Hoover Steel Ball Co.

O. O. McLeish, secretary of the Chamber of Commerce.

The scope of the investigation which the committee will pursue is of course subject to the committee's own determination, but it is hoped that the committee may be able to accomplish among other things the following work:

1. To discover whether the total number of jobs permanently available is sufficiently close to the total number of effective workers, or whether there is a permanent surplus of workers necessarily unemployed.

2. To study the fluctuation of unemployment in an attempt to observe the underlying causes, and the extent to which such fluctuations are periodic and predictable.

3. To study the available means, if any, for reducing unemployment, in particular the two remedies

most frequently suggested, namely, of arranging municipal work so that it may be done when unemployment is most severe, and secondly, of examining the possibility of securing additional factories of such nature that the peak of their employment schedules may occur at periods of depression of those factories which we now have.

It should be noted at this point that the work of the committee is entirely fact finding, that the committee shall not be called upon to deal with the very controversial question of enlarging Ann Arbor's population by the attraction of more industries, and finally, that the committee, being composed of men authoritative in their various fields, shall prescribe its own methods of procedure, lay down its own time limit, and formulate for itself the problems with which it proposes to deal.

In the hope that this committee may be able to uncover information invaluable to the welfare of our community, and to its future prosperity, I recommend these appointments to your favorable approval.

Respectfully submitted,
EDWARD W. STAEBLER,

Mayor.

Ald. Fisher suggested that the name of V. O. Nelson, Secretary of Y. M. C. A. be added to committee, to which Mayor Staebler consented.

Moved by Ald. Slauson, that the names as submitted be confirmed.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury, 14. Nays, none.

Committee Reports

Finance Report

Fire Fund

Chas. Andrews, salary . . . \$	114.50
Henry McLaren, salary . .	91.50
Ralph Edwards, salary . . .	91.50
Jacob Gwinner, salary	83.00
Herman Kruse, salary	83.00
Frank Markey, salary	78.50
Emil Damman, salary	78.50
Earl Arnold, salary	78.50
Benj. Zahn, salary	78.50
Henry Nevroth, salary	78.50
Arthur Clark, salary	78.50
Clyde Carpenter, salary . .	78.50
John Comiskey, salary	78.50

Walter Feldkamp, salary.	78.50	C. W. Snetterly, salary...	100.00
Percy Whitlock, salary...	78.50	Donna Woodward, salary.	62.50
Edward Zeeb, salary.....	78.50	William Groves, salary...	70.00
Geo. Schmidt, salary.....	78.50	J. C. Ledwidge, salary.....	70.00
Henry Kolander, salary...	78.50	John Ardner, salary.....	62.50
Albert Hoffman, salary...	78.50		
Elmer Rintz, salary.....	78.50	Water Works Fund total	
Oscar Rintz, salary.....	78.50	semi-monthly salaries..\$	942.50
Earnst Heller, salary.....	78.50	Contingent Fund	
Ira Nevarre, salary.....	78.50	Frank Marz, salary 1-2	
Frank Ryan, salary.....	78.50	mo.	\$ 78.50
Laurence Chatterton, sal-		Fred J. Staeb, salary 1-2	
ary	78.50	mo.	57.50
John Waterman, salary..	78.50		
Wm. Keihl, salary.....	78.50	Total salaries	\$ 136.00
Carl Nevins, salary.....	78.50	Election	
Fred Wadhams, salary...	72.00	L. P. Jocelyn, services....\$	12.00
Harold Gauss, salary....	72.00	H. M. Slauson, services...	12.00
Chas. Carroll, salary.....	45.00	T. P. Stowe, services.....	12.00
		Jennie M. Keech, services	12.00
Fire Fund total salaries		Barbara A. Dewey, serv-	
1-2 mo. April.....	\$2,458.00	ices	12.00
Police Fund		Reiva A. Collins, services	12.00
Thos. O'Brien, salary....\$	114.50	Wm. H. Burlingame, jr.,	
Louis Fohey, salary.....	87.50	services	12.00
Norman Cook, salary....	83.00	Wm. A. Maulbetsch, serv-	
Sherman Mortenson, sal-		ices	12.00
ary	83.00	John G. Lutz, services....	12.00
M. G. Howard, salary....	78.50	J. Herman Greve, services	12.00
Chas. Kapp, salary.....	78.50	John Kleis, services.....	12.00
Irwin Keebler, salary....	78.50	Courtney G. Maulbetsch,	
Harold Gee, salary.....	78.50	services	12.00
Benj. Ball, salary.....	78.50	Fred W. Staebler, services	12.00
Roland Wooster, salary..	78.50	J. Edgar Dwyer, services.	12.00
Herman Suma, salary....	78.50	Geo. W. Efner, services..	12.00
Oscar Weir, salary.....	78.50	T. E. Donegan, services..	12.00
Thos. Fohey, salary.....	78.50	F. P. Lirette, services....	12.00
Julius Ehnis, salary.....	78.50	Otto A. E. Zemke, services	12.00
Walter Schmid, salary...	78.50	Harry E. Saunders, serv-	
Arnold Busch, salary....	78.50	ices	12.00
Albert Heusel, salary....	78.50	F. H. Masten, services....	12.00
John Osborn, salary.....	78.50	J. A. Brown, services	12.00
Wm. Marz, salary.....	78.50	G. D. Bement, services...	12.00
Harry Smith, salary.....	78.50	W. J. Draper, services....	12.00
Clifford West, salary.....	78.50	L. C. Rhoades, services..	12.00
Vasper Michelson, salary..	72.00	F. J. O'Toole, services....	12.00
Wm. Hitchingham, salary	72.00	E. L. Schumacher, serv-	
Clark Earl, salary.....	72.00	ices	12.00
Roy Richter, salary.....	72.00	J. H. Herrick, services...	12.00
Irwin Davidson, salary...	72.00	Earl L. Severance, services	12.00
Eugene Gehringer, salary	72.00	Henry Z. Petrie, services.	12.00
Richard Burman, salary..	72.00	Edward W. Hatch, serv-	
Clyde Hahn, salary.....	72.00	ices	12.00
		Pauline McCollum, serv-	
Police Fund total salaries		ices	12.00
1-2 mo. April	\$2,278.50	Lewis Nowland, services.	12.00
Water Works Fund		B. W. Manwaring, serv-	
Harry Willsher, salary...\$	72.50	ices	12.00
Waldo Eisemann, salary..	75.00	Geo. Blaich, services....	12.00
Fred Linde, salary.....	87.50	Harry W. Nichols, serv-	
Lorenz Furthmueller, sal-		ices	12.00
ary	75.00	Herman Kleene, services.	12.00
Robert Rowe, salary....	70.00	Mary S. Cole, services...	12.00
Robert Young, salary....	65.00	Harry N. Cole, services...	12.00
William Zachman, salary.	62.50	Charles E. Barthell, serv-	

Geo. J. Lutz, jr., services	12.00	Eberbach So. Co., office	
K. Fred Foster, services..	12.00	expense	28.55
W. E. Groat, services	12.00	Jno. C. Fischer Co., office	
L. E. Hebbard, services..	12.00	expense	4.50
Nellie J. Stevens, services	12.00	Goodhew Floral Co., office	
Andrew S. Baker, services	12.00	expense	2.00
S. Thelma Hayes, services	12.00	The Mayer-Schairer Co.	
Geo. Lutz, services.....	12.00	office expense	26.10
L. M. Gram, services....	12.00	The Superior Seal &	
Maria Poel, services.....	12.00	Stamp Co., office ex-	
Katherine S. Groomes,		expense	117.50
services	12.00	Swisher Grocer Co., of-	
Theo. Buser, services	12.00	fice expense	5.73
Jennie E. Servis, services.	12.00	John Vo.z & Son., ma-	
Emmett R. Schaffer, serv-		terials	11.00
ices	12.00	Chas. Wuerth & Co., of-	
Geo. D. Schaffer, services	6.00	fice expense	4.75
Fred Huhn, services.....	6.00	The Athens Press contin-	
W. A. Hintz, services....	6.00	tingencies	36.00
John O'Mara, services....	6.00	The City of Ann Arbor	
Christian Luippold, serv-		Street Fund, contingen-	
ices	6.00	cies	6.80
LeGrand E. Slussar, serv-		Graf & Harris, repairs...	126.50
ices	6.00	The Mich. Central R. R.	
J. H. Stevens, services...	6.00	Co., contingencies.....	1.00
Wm. Weinmann, services.	6.00	The Nik-O-Lok Co., con-	
John T. Kenny, services..	5.00	tingencies	11.30
John Huss, services.....	5.00	Pratt & Stribley Garage,	
J. J. Englefried, labor....	5.75	contingencies	4.00
W. L. Parks, labor.....	12.00	Rohn Electric Shop, re-	
Rogers Poster Service,		pairs	5.24
contingencies	15.00		
B. E. Muehlig, office ex-		Total	\$ 884.32
pende	1.10		

Total election\$ 727.85

Municipal Garage

L. G. Bird, services\$ 60

Engineering Dept.

Jim Acqua, services.....\$ 49.50

Wm. Austin, services... 20.00

K. W. Donnell, services.. 75.00

H. Ferenz, services 75.00

Wilfred B. Graf, services 16.00

H. J. Marquardt, services 24.00

V. W. McAdam, services.. 100.00

F. Schmid, services..... 37.50

James Young, services... 16.00

Engineering Total serv-
ices\$ 413.00

E. J. London, services...\$ 25.00

Edna Schnierle, wages.. 93.45

Kathern M. Golden, wages 46.90

T. P. Stowe, wages..... 76.50

Public Health Nursing

Assoc., T. B. work.... 14.00

Fred T. McOmber, insur-

ance

6.00

The Ann Arbor Daily

News, printing

220.50

Banner Laundering Co.,

office expense

10.00

E. J. Claire & Sons, of-

fice expense

1.00

Contingent Fund total in-
cluding salaries\$2,166.77

Fire Fund

The Michigamme Oil Co.
materials\$ 40.19

Fire Fund total includ-
ing salaries\$2,498.19

Police Fund

Western Union, N-P serv-
ices\$.33

Eberbach & Son Co., of-
fice expense

7.38

The Mayer-Schairer Co.,
office expense

22.05

Henry J. Platt, office ex-
pende

.40

Schumacher Hardware Co.
office expense

14.40

Harp Bros., materials... 24.90

Oldsmobile Sales & Serv-
ice Co., materials

5.25

Ernst Bros. Electric Shop

contingencies

40.45

John M. Feiner, contin-

gencies

25.00

Dell Keeler, contingencies

1.50

Total

\$ 141.66

Police Fund total includ-

ing salaries\$2,420.16
Street Lighting Fund
 The Detroit Edison Co.
 light\$2,575.14

Water Works Fund
 Mayer-Schairer Co., or-
 fice expense\$ 4.60
 Geo. Wahr, office expense 7.10
 Gerstner Lumber Co., of-
 fice expense 13.00
 P. B. Harding, office ex-
 pense 1.50
 Mueller Co., materials... 1,536.00
 Buckeye Traction Ditcher
 Co., materials 12.85
 Jno. C. Fischer Co., ma-
 terials 6.14
 Sam C. Andres, materials. .10
 Staebler Oil Co., ma-
 terials 3.20
 Abbott Gasoline Co., ma-
 terials 76.25
 Eberbach & Son Co., ma-
 terials85
 Killins Gravel Co., ma-
 terials 4.00
 Schumacher Hardware
 Co., materials .. 7.20
 Detroit United Lines, ma-
 terials50
 Detroit Edison Co., N-P
 services 1,277.38
 City of Ann Arbor Street
 Dept. contingencies.... 100.10

Total\$3,050.77
 L. Gerrick, labor\$ 57.20
 H. Maier, labor 80.00
 W. Western, labor 23.40
 A. Jedele labor 28.80
 L. W. Bush, labor 65.00
 A. Gerstler, labor 46.80
 H. Gerstler, labor 43.20
 J. Duboski, labor 33.60
 M. Soldato, labor 9.60
 C. Sauer, labor 36.40
 A. Pokroski, labor 48.00
 O. D. Conger, labor 48.00
 P. Kallas, labor 38.40
 A. C. Hetsler, labor 14.40
 R. Pryce, labor 13.55

Total\$ 586.35
 Water Works Fund total
 including salaries\$4,579.62

Park Fund
 Geo. Davis, labor\$ 59.40
 Geo. Donahue, labor 64.35
 Ben Foster, labor 62.40
 Andrew Kieman, labor... 13.50
 Henry Mager, labor 59.95
 Geo. Mason, labor 13.50
 Ezra Moore, labor 54.00
 Richard Wallaker, labor.. 63.00
 Claude Wyman, labor ... 57.75

Tim McCarthy, team 90.00
 Park Fund total\$ 537.85

Street Fund
 Philip Adam, labor\$ 23.00
 Otto Blaess, labor 52.20
 L. G. Bird, labor 65.10
 Camdem Dempsey, labor. 39.60
 Adolph Finkbeiner, labor 18.20
 Fred Hanselman, labor.. 53.95
 Sam Kalmbach, labor ... 6.00
 Wm. Keppler, labor 52.20
 Fred Malke, labor 18.80
 James Mason, labor 51.35
 Michael Morhardt, labor. 33.50
 Chris. Paul, labor 51.00
 Chris. Pfaus, labor 3.20
 Arthur Raus, labor 52.20
 Ed. Roehm, labor 20.50
 Otto Schantz, labor 45.00
 Ed. Schweickert, labor... 28.80
 Carl Seeger, labor 16.50
 Herman Stoll, labor 42.60
 Theo Stollsteimer, labor. 18.50
 Fred Ulrich, labor 63.75
 Martin Walsh, labor..... 33.00
 Ike Warner, labor 37.50
 Wm. Wayman, labor 26.50
 Sam Burke, team 40.00
 Carl Rehberg, team 41.00

Street Fund Total\$ 933.95

Recapitulation
 Contingent\$ 2,166.77
 Fire 2,498.19
 Police 2,420.16
 Street Lighting 2,575.14
 Water Works 4,579.62
 Park 537.85
 Street 933.95

City Funds total\$15,711.68
 Ann Arbor, Mich., April 16, 1928
 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. Complying with rule
 XXI, the following warrants were
 drawn to save discount and are
 not included in above report: Con-
 tingent Fund, Municipal Garage,
 Harper Battery & Tire Co., ma-
 terials, \$49.34; Auto Parts Co.,
 materials, \$34.45.

ISAAC G. REYNOLDS.
 City Clerk.

To the Honorable the Common
 Council, Gentlemen:

Your Finance Committee has re-
 viewed the foregoing report. We
 recommend that same be approved
 and that warrants be ordered

drawn for foregoing accounts and that action of City Clerk in drawing warrants to save discount be concurred in.

GEO. J. LUTZ, Jr.,

H. M. SLAUSON,

Finance Committee.

Ald. Lutz moved the adoption of report, which was adopted by following vote: Yeas: Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays: none.

Ald. Lutz presented bills for services of members of Council, sitting as board of review April 5, 1928, as follows: \$5.00 each to L. P. Jocelyn, H. M. Slauson, B. H. Graf, W. C. Maulbetsch, E. E. Lucas, S. S. Hammial, W. J. Draper, A. W. Dorow, E. L. Severance, C. C. Freeman, J. A. Bursley, L. P. Fisher, Geo. J. Lutz jr., B. P. Woodbury.

Moved by Ald. Lutz, that the bills be allowed and the Mayor and City Clerk be instructed to draw warrants in payment of same.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

Street Committee

By Ald. Maulbetsch:

Resolved, that the plans, specifications and estimates of cost of pavement in Pavement Districts Nos. 102 and 103 as approved by the Board of Public Works April 11, 1928, be approved and the Board is hereby ordered to advertise for bids for the construction of pavements in said pavement districts.

Resolved, further, that the construction of said pavements is hereby deemed and declared to be necessary public improvements.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury, 14. Nays: none.

Fire & Police Committee

Ann Arbor, Mich., April 16, 1928.
To the Fire Committee of the
Common Council.
Gentlemen:

Having received a request from

the County Poor Commissioners to send them aid from your department in case of a fire at the County House, we herewith submit the following resolution:

Resolved, that in as much as we have been asked by the County Poor Commissioners to send them aid, in case of fire at the County House, we hereby recommend to the Honorable Common Council, that we be given permission to supply their request and that a nominal charge of \$25.00 be made for each piece of apparatus furnished for the first hour, and \$25.00 additional for each hour thereafter, for each piece of apparatus. It must be further understood that this service can only be given when our department is not giving service to calls within the city limits.

Respectfully submitted,

ERWIN E. SCHMID,

Chairman.

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

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays; none.

On motion of Ald. Draper, the question of furnishing fire protection to the Old Ladies' Home on W. Liberty St. and to other property outside the city was referred to the Fire and Police Committee.

Bond & License Committee Report

To the Honorable, the Common Council,
Gentlemen.

Your Bond and License Committee has had the following bonds under consideration and respectfully recommends approval of same:

Constable Bonds

Fred J. Staeb, principal; William L. Walz and Alfred F. Staeb, sureties.

Fred Lutz, principal; Emil H. Schlenker and Martin C. Schlenker, sureties.

Thomas J. Hession, principal; Jay C. Herrick and Aaron J. Wirth, sureties.

Bert A. Jackson, principal; J. W. Markey and G. W. Gough, sureties.

Nelson Hoppe, principal; Fred O. Schleicher and Mrs. G. Gutekunst, sureties.

Myron H. Mills, principal; Eli Bradshaw and Geo. Sheffold, sureties.

Erection and Installation of Electric Signs

Frederick C. Meyer, principal; United States Fidelity and Guaranty Co. surety.

Wadhams & Co., principal; W. W. Wadhams and E. G. Stadel, sureties. The latter bond is given in lieu of a surety bond which was approved by Common Council April 5, 1928, and we therefore recommend that the City Clerk be authorized to cancel former bond and apply the filing fee for inspection to the application accompanying this bond.

Respectfully submitted,

Berj. F. Braley, Andrew E. Kurth, Benj. H. Graf, Bond & License Committee.

Ald. Bradley moved the adoption of report, which was adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

Poor and Cemetery Committee Report

To the Honorable, the Common Council,
Gentlemen:

It has been customary to provide extra help at the City cemetery, Fair View, to put it in presentable condition before Memorial Day, and we therefore recommend that your Poor and Cemetery Committee be authorized to employ an extra man to assist the sexton during the month of May.

Respectfully submitted,

Frank P. Harris, Andrew E. Kurth, Benj. H. Graf, Poor and Cemetery Committee.

Ald. Harris moved the adoption of report, which was adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

City Officers

Reports of City Treasurer, City Clerk, Engineer and Street Commissioner for month of March received and ordered on file.

Summary of Treasurer's Report See Table No. 1

ANNUAL REPORT WATER WORKS DEPT.

February 1, 1927

to

January 31, 1928

Ann Arbor, Michigan.

February 27, 1928.

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

Gentlemen:

The Board of Water Commissioners have the honor to present herewith the fourteenth Annual Report of the Water Works Department covering the fiscal year from February 1, 1927 to January 31, 1928.

Pumping Plants—

The water supply for the city for the past year was obtained from the No. 1 and No. 3 Pumping Stations.

The No. 1 Pumping Station is located near the Barton Dam, about one-half mile outside the Northwest corner of the City and has installed two electric driven centrifugal pumping units, one being 5,000,000 gallons per day and the other 7,000,000 gallons per day capacity, and one steam driven pumping unit of 2,500,000 gallons per day capacity, or a total station capacity of 14,500,000 gallons per day.

The No. 3 Pumping Station is located about three miles South of the city out State Street at the so-called Steere Farm, and has installed two electric motor driven centrifugal pumping units of about 4,500,000 gallons per day capacity each.

Water Supply

During the past year No. 3 or Steere Farm pumping station supplied 93 per cent of the total water pumped, being all from artesian source, the No. 1 or river pumping station pumped 7 per cent of which 4 per cent was artesian and 3 per cent of the total water pumped to the city was from the river.

The water supply from the artesian sources requires no treatment for harmful bacteria. The water from the Huron River is treated with chlorine gas at the pumping station for the elimina-

SUMMARY OF TREASUER'S REPORT

Month Ending March 31, 1928:

TABLE NO. 1.

	Receipts	Disbursements	On Hand	Overdrawn	Warrants Outstanding
Contingent	\$ 4,704.99	\$ 11,228.97	\$ 79,314.84		\$356.65
Cemetery Sinking	105.00		241.62		
Cemetery	12.00	95.00	860.77		
Fire Department	6.12	5,003.50	30,976.09		
Police		5,222.52	14,874.82		
Poor	120.00	292.74	1,532.11		10.00
Street	116.54	2,382.44	24,787.80		3.60
Park	147.00	926.51	4,031.11		
Street Light		2,563.07	11,553.34		
Sidewalk Building	4,381.62			\$ 5,343.41	
Bridge, Culvert and Crosswalk			1,039.57		
Water Works General Fund	42,775.70	16,442.46		7,367.15	.35
Special Water Works (Completion)				743.98	
Water Department Sinking Fund	3,855.32	31,000.00	9,261.01		
Water—(Hydrant, Rental, Etc.)			2,765.92		
Uncollected City Tax	31,559.97	1,913.97		10,609.72	
Delinquent Tax	575.48	113,890.25		165,604.95	
Fuller St. Bridge			714.27		
State, County and School, etc.	91,488.31	579,808.92	2,203.19		
Sewer Funds	8,599.17	567.00	9,131.55		
Pavement Funds	6,131.08		71,748.18		
Curb and Gutter Funds	1,595.79		24,664.08		
Receipts, \$22,446.36; Transfer, \$31,000.00; Taxes Collected, \$16,043.81; Taxes Returned, \$113,-890.25; Book Accounts, \$12,793.67	\$196,174.09	\$771,337.35	\$289,700.27	\$189,669.21	
On Hand March 1, 1928	675,194.32				
	\$871,368.41		189,669.21		
Warrants Paid, \$44,724.21; Checks Paid \$568,927.22; Transfers, Etc., \$157,683.92	771,337.35				
On Hand April 1, 1928	\$100,031.06		\$100,031.06		\$370.60

tion of harmful bacteria. Daily samples of the water are tested by the city chemist for harmful bacteria.

The quantity of water pumped during the year increased 4.35 per cent over the previous year, the average daily pumpage amounting to 4,741,000 gallons. The increased pumpage over the previous year amounts to a little less than one-fourth the annual percentage increase that has prevailed for several years past.

During the year the maximum day's pumpage from the Steere Farm station occurred October 27, 1927, and amounted to 5,495,000 gallons. The average daily pumpage from this station was 4,415,000 gallons.

New Wells

The increasing necessity for additional safe water supply and the incomplete knowledge of the possibilities of obtaining additional artesian supply in the immediate neighborhood of the city resulted in a systematic investigation during the past year of artesian sources of water supply. A 6-inch test well was driven to rock at a depth of 174 feet in the artesian district in the West side of the city at the end of Montgomery Street, and indicated a 70-foot water bearing strata lying under 100 feet of dense clay. This test well flowed freely and at a head of about 9 feet above the ground surface. The City entered into contract with the Harmon-Ness Company of Indianapolis, Indiana, to develop a well at this location, the contract price covering the well complete with pumps and motor (but not including pumping station), and the contract price based upon the minimum delivery of water that would prevail during the 12-month period after the construction of the well. In January a preliminary test was given this well by a pump belt driven from a gasoline engine, resulting in a delivery of water at the rate of 2,250,000 gallons per day for the 10-hour test period. This test was primarily for the purpose of ascertaining the size of the pumping units to be installed and the delivery of water during the test was limited by the power of the gas engine used. A further test of ten days or so continuous

pumping is proposed to be made before the contractor makes the final determination of pump sizes. Pumping equipment in this will consist of two pumps both electric motor driven, one of which is a vertical shaft deep well pumping unit lifting the water from the well and delivering to the second pump which would be a booster pump and delivers water to the section of the force main constructed in this location for the purpose. It is expected this station will be completed and in operation by May of 1928. The station will not require continuous attendance.

A second 6-inch test well was driven at the Sperry Farm on the South side of the city near the new stadium. This well was driven to rock which was found at a depth of 217 feet but no water bearing strata was encountered and no further tests were made in this district.

Test wells were driven to rock by the Harmon-Ness Company at the No. 1 Pumping Station to rock at a depth of 195 feet and the thickness of water bearing strata was sufficient to justify additional test wells which were in progress at the end of the fiscal year.

Test wells were driven to rock by the Harmon-Ness Company on several pieces of city property North of the Huron River but in the locations selected insufficient water bearing gravel was found to justify the development of a well. Some further tests are contemplated in this district.

Distribution System

During the past year 11,495 feet of new cast iron water main was laid, being only slightly more than that laid in the previous year. The pipe laid in the past two fiscal years is about half the length laid in the preceding two fiscal years, indicating that the period of rapid city expansion has passed. All water mains were laid by the City Water Works Department.

High ground level districts in the Southeast and the West sides of the city continue to have poor pressure and unsatisfactory service during the periods of maximum water usage. Inadequate fire protection prevails in these sections as well as in the district North of the river. This condition can only be

remedied by the construction of feeder trunk line mains which will deliver the water from the pumping stations and reservoir to the distribution districts. These force or feeder mains have been recommended by your Board of Water Commissioners and concur with the recommendations contained in the report on the City Water Works System by the National Board of Fire Underwriters and the special report of Maury & Gordon, Consulting Engineers.

The present uncovered reservoir is unsanitary and inadequate in capacity. The working capacity of the reservoir is less than one-fourth the average daily usage of water, necessitating occasional pumpage from the river to meet the City's demands for water when the usage exceeds the maximum artesian yield plus the small available storage in the reservoir.

Meters and Services

All customers taking water from the water works system are metered. The water used for the flush tanks of the sewer system, street washing, flushing of water mains and for fire fighting purposes is not measured. During the past year there were 268 new meters added to the system and 401 new service connections. The cost of maintenance of meters remains substantially the same this year as last but a considerable increase in the maintenance of services is recorded. This is due to the very large number of service pipe replacements of the old wrought iron pipe service line with the Department's standard copper pipe service connections.

Accounting

The Water Works Department adopted the use of the "Uniform Classification of Accounts for Water Utilities" as prescribed by the Michigan Public Utilities Commission, this requiring very little adjustment to the accounting system adopted a number of years ago. The office work of the Water Works Department has been greatly facilitated by the addition of modern office appliances such as the addressograph and billing machines. Through the use of the latter the Department is enabled to have an accurate check on its cash receipts and ac-

counts receivable as well as giving data on the distribution of the metered water that will be invaluable.

During the past year a careful inventory of materials and supplies on hand at the beginning of the year were taken and a material and supplies perpetual inventory system was installed through which these items are accurately distributed to their proper accounts.

Through the introduction of the billing machines and opening of the materials and supplies accounts the accounting system of the department records the financial situation of the Department much better than has been the case in the past. The annual accounting reports in the past are comparable with each other but the introduction of these new accounts makes some modification to the previous fiscal year report to obtain a comparison of the last two years. Such adjusted account for the previous fiscal year is shown in the comparative statements attached hereto.

Financial

The net revenues of the Water Works Department during the past fiscal year from the metered sale of water amounts to \$122,661.93, or an increase of a little over 5 per cent over the previous year, while the operating expenses of the Department amounted to (omitting depreciation) \$59,335.32, or an increase of a little over 10 per cent; the principal increase being in the maintenance of services item.

The revenues of the Water Works Department have been sufficient to pay all operating and maintenance expenses, the interest on outstanding bonds, the principal of the bonds falling due and a surplus sufficient for current extensions to the Water distribution system.

The total income of the Water Works Department it will be noted from the accompanying detail accounting statements is \$176,453.02 of which \$123,514.44 is obtained through the sales of water, \$36,601.44 from the general municipal service and the balance of \$16,337.14 from the charges to the water customers for services, installation and work.

The revenue from the sales of water is practically all from the metered sales. The rates for water in the City of Ann Arbor are lower than those of similar size and situated cities. An analysis of the last quarterly statements of the water consumers showed that nearly 28 per cent of the residence consumers were paying the minimum rate of 50 cents a month and that the average payment of all residential customers was less than \$1.00 per month, all of which indicates that water service is offered to the residential consumers of the city at an extremely low rate for such public service.

The revenue of the general municipal service is that primarily from fire protection to the city at large and is apportioned upon the value of the property protected, it having no relation to the amount of water used.

The city has just passed through a period of extremely rapid growth with indications now of a continuing normal growth at a slower rate.

During this period of rapid growth a little more than 23 miles of cast iron distribution mains were

added to the city water works system, being an increase to the distribution mains in the system of 56 per cent during which period no additional feeder or trunk mains have been added. It is this condition together with the increased usage of water that results in the serious need of the feeder mains and of the enlarged and covered reservoir. Through a reasonable increase in the water rates a continuing program of feeder main construction might be undertaken as an alternative to deriving the funds for such improvement from bond issues.

Conclusions

This Board expresses its full appreciation for the full co-operation it has received from his honor the Mayor, the Common Council and other city officials.

Your attention is respectfully called to the detailed report of G. S. Vandawarker, Manager, for the fiscal year, which is attached and made a part of this report.

Respectfully submitted,

JOHN LINDENSCHMITT,

ROBERT NORRIS,

W. H. L. ROHDE,

Board of Water Commissioners.

COMPARATIVE BALANCE SHEET STATEMENT Fiscal Year Ending Jan. 31st

	Assets	
	1926-1927	1927-1928
Fixed Capital	\$1,306,971.01	\$1,371,635.96
Current Assets	74,106.12	55,905.89
Sinking Funds	42,892.39	59,591.16
Special Funds	14,212.16	12,610.72
	\$1,435,509.50	\$1,499,743.73
	Liabilities	
City Equity	\$ 476,014.44	\$ 518,079.48
Long Term Debt	676,000.00	646,000.00
Current & Accrued Liab.	26,150.58	27,555.76
Sinking Fund Reserves	53,249.23	68,346.56
Retirement Reserves (Depr.) ..	123,073.68	150,345.63
Contributions to Extensions (i. e. Water Main Subdivision Footage)	81,021.57	89,416.30
	\$1,435,509.50	\$1,499,743.73

Comparative Operating Statement

	1926	1927
Income from Sales Water	\$116,638.65	\$122,661.93
Operating Expense—		
Production	24,138.91	23,720.05
Distribution	2,532.76	3,716.54
Utilization	6,052.74	9,968.05
Commercial	5,105.88	6,024.59
General & Misc.	15,880.24	15,906.09
Depreciation	26,010.39	28,422.20
	\$ 79,720.92	\$ 87,757.52

Income Statements

	Fiscal Years Ending Jan. 31st.	
	1926-1927	1927-1928
Operating Revenue (Sales & Misc.)	\$163,535.51	\$176,453.02
Less Total Revenue Deductions (above)	79,720.92	87,757.52
Operating Income	83,814.59	88,695.50
Misc. Income (from special funds)	100.00	434.93
Gross Department Income	83,914.59	89,130.43
Deductions from Gross Income	26,820.68	31,092.36
Net Income	57,093.91	58,038.07
Less Income Appropriated to Sinking Fund..	38,131.92	46,698.77
Balance Carried to City Equity	\$ 18,961.99	\$ 11,339.30

Comparative Statistics

	1926-1927	1927-1928
Estimated population served	35,000	36,500
Meters added during year	261	268
Total meters in use	6,733	7,001
Fire hydrants added during year	9	7
Fire hydrants on system	372	379
Miles of Cast Iron Water Mains laid during year	2.30	2.17
Total miles of Cast Iron Water Mains...	80.12	82.29
Total gallons water pumped during year	1,658,071,000	1,730,827,000
River water pumped	39,408,000	49,528,000
Artesian water pumped	1,618,663,000	1,681,299,000
Gallons water sold by meter	981,419,000	1,019,457,000
Gallons water, fire service, flush tanks, leakage and unaccounted for	676,652,000	711,370,000
Revenues—Water per capita	\$ 3.33	\$ 3.36
Revenues—Water per meter	17.32	17.52

Operating Statement Year Ending Jan. 31st., 1928

Operating Expenses

Production		\$23,720.05
Electric Power Pumping Station No. 1	\$ 2,074.39	
Maintenance, Buildings and Fixtures	128.81	
Maintenance, Electric Pumping Equipment	6.19	
Maintenance, Miscellaneous Equipment	20.60	
Electric Power Pumping Station No. 3	5,352.84	
Maintenance, Building and Fixtures	1,448.18	
Maintenance, Electric Pumping Equipment	51.94	
Maintenance, Miscellaneous Equipment	49.04	
Power Purchased	13,696.79	
Purification	891.27	
Distribution		3,716.54
Transmission and Distribution Expense	1,154.21	
Storage Reservoir	240.00	
Maps and Records	120.33	
Removing and Resetting Meters	2,202.00	
Utilization		9,968.05
Maintenance of Transmission Mains	21.53	
Maintenance of Storage Reservoir	292.84	
Maintenance of Distribution Mains	977.41	
Maintenance of Services	5,816.10	
Maintenance of Meters	2,006.77	
Maintenance of Hydrants	853.40	
Commercial		6,024.59
Meter Reading	1,486.73	
Consumers' Accounts	3,348.70	
Supplies and Expense	1,189.16	

General and Miscellaneous		15,906.09
General Office	3,742.01	
Administrative	7,191.85	
Insurance	1,134.35	
Stores Expense (Warehouse)	2,229.53	
Maintenance of Store Department	345.55	
Transportation Expense	1,262.80	
Depreciation		28,422.20
Retirement Expense	28,422.20	
Total Operating Expenses		\$87,757.52

Income Statements

Operating Revenue—		
Metered Sales	\$122,661.93	
Flat Rate	852.51	
General Municipal Service	36,601.44	
Forfeited Discount	37.90	
Merchandise and Jobbing	1,884.77	
Repairing Meters	1,012.20	
Service Taps	13,402.27	
Total Operating Revenue		176,453.02
Less Total Revenue Deductions (Oper. Exp.)		87,757.52
Operating Income		88,695.50
Income from Special Funds		434.93
Gross Department Income		89,130.43
Deductions from Gross Income—		
Uncollectable Bills	811.65	
Interest on Bonds	30,255.00	
Miscellaneous Interest	25.71	31,092.36
Net Income		58,038.07
Less Income Appropriated to Sinking Fund		46,698.77
Balance Carried to City Equity		\$ 11,339.30

Balance Sheet Statement Year Ending Jan. 31st., 1928**Assets**

Fixed Capital—		
Land	\$109,939.28	
Structures	190,359.52	
Boiler Plant Equipment	3,278.67	
Steam Power Pumping Equipment	9,487.08	
Electric Power Pumping Equipment	27,697.61	
Miscellaneous Pumping Equipment	2,371.22	
Purification System	3,813.17	
Transmission Mains	224,967.54	
Distribution Mains	501,290.55	
Services	120,981.70	
Flush Tanks	2,635.53	
Consumers' Meters	94,746.02	
Consumers' Meters Installation	11,296.47	
Hydrants	34,396.45	
General Equipment	26,659.41	
Miscellaneous Construction Expenditures ..	7,715.74	\$1,371,635.96
Current Assets—		
Cash	971.19	
City Treasurer	1,476.56	
Accounts Receivable	16,102.30	
Materials and Supplies	36,598.57	
Prepayments, Insurance	\$460.11	
Prepayments, Fuel	297.16	757.27
Sinking Funds (Available for Bond Redemption)—		55,905.89
Uninvested	31,215.09	

Invested in Municipal Bonds	28,376.07	59,591.16
Special Deposits (For Monthly Payments to General Municipal Service)		12,510.72
		<hr/>
Total Assets		\$1,499,743.73

Liabilities

City Equity—		
Surplus Previous to Jan. 31st., 1927	\$460,023.28	
Net Income Appropriated to Reserves, 1927	46,698.77	
Net Income Balance Jan. 31st., 1928.....	11,339.30	
Miscellaneous Profit & Loss Credit Bal. ...	18.13	\$ 518,079.48
Long Term Debt—		
Bonds Payable, First Issue, Original		
Purchase	245,000.00	
Second Issue, Special	200,000.00	
Third Issue, Meters & Completion	120,000.00	
Fourth Issue, Water Rights	81,000.00	646,000.00
Current and Accrued Liabilities—		
Accounts Payable	14,302.91	
Consumers' Deposits	7,300.00	
Interest Accrued on Funded Debt	5,952.85	27,555.76
Sinking Fund Reserves—		
A—For Invested and Uninvested Bond		
Retirements	55,735.84	
B—For Monthly Payments to General		
Municipal Service	12,610.72	68,346.56
Retirement Reserve from Depreciation		150,345.63
Contributions to Extensions (i. e. Water Main Subdivision Footage		89,416.30
		<hr/>
Total Liabilities & Net Worth		\$1,499,743.73

Bonds Issued and Paid

Original Purchase Bonds, Issued	1913	\$450,000.00	
Steere Bonds, Issued	1914	10,000.00	
Special Water Works Bonds, Issued ...	1918	200,000.00	
Special Water Works Bonds Issued ...	1919	45,000.00	
Meter Bonds, Issued	1919	75,000.00	
Water Rights Bonds, Issued	1920	50,000.00	
Water Rights Bonds, Issued	1920	10,000.00	
Water Rights Bonds, Issued	1921	6,500.00	
Water Rights Bonds, Issued	1924	3,000.00	
Water Rights Bonds, Issued	1925	6,500.00	
Water Rights Bonds, Issued	1926	5,000.00	\$861,000.00
Bonds presented and paid	1920	\$24,000.00	
Bonds presented and paid	1921	25,000.00	
Bonds presented and paid	1922	26,000.00	
Bonds presented and paid	1923	26,500.00	
Bonds presented and paid	1924	28,500.00	
Bonds presented and paid	1925	27,000.00	
Bonds presented and paid	1926	28,000.00	
Bonds presented and paid	1927	30,000.00	215,000.00

Balance Unpresented

\$646,000.00

Of \$85,000.00 Water Rights Bonds authorized, there still remain
unsold \$4,000.00.

The ninth issue of Original Purchase Bonds issued in 1913 amounting to \$31,000.00 will be retired during February. The money for this purpose has been carried during its accrual as a Deferred Charge, i. e., Uninvested Sinking Fund Account.

CANCELLATION OF WATER BONDS**Purchase of Plant**

Year Due	Clerk's No.	No. Bonds	Amount
1920	1- 44	44	\$ 22,000.00 Paid
1921	44- 90	46	23,000.00 Paid
1922	91-138	48	24,000.00 Paid

1923	139-188	50	25,000.00	Paid
1924	189-240	52	26,000.00	Paid
1925	241-294	54	27,000.00	Paid
1926	295-350	56	28,000.00	Paid
1927	351-410	60	30,000.00	Paid
1928	411-472	62	31,000.00	
1929	473-538	66	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	823-900	78	39,000.00	
15 Years		900	\$450,000.00	

Water Pumped From Feb. 1st., 1926 to Feb. 1st., 1927

	Sta. No. 1	Sta. No. 3	Total	Aver. Daily
February	5,909,000	113,326,000	119,235,000	4,258,392
March	8,316,000	118,552,000	126,868,000	4,093,122
April	6,084,000	113,768,000	119,852,000	3,995,066
May	8,030,000	141,631,000	149,661,000	4,827,774
June	8,790,000	145,329,000	154,119,000	5,137,300
July	36,399,000	148,430,000	184,829,000	5,961,935
August	6,079,000	128,371,000	134,450,000	4,337,096
September	6,078,000	120,452,000	126,530,000	4,217,666
October	6,175,000	136,081,000	142,256,000	4,588,903
November	5,637,000	126,369,000	132,006,000	4,741,866
December	6,956,000	125,383,000	132,339,000	4,269,000
January	6,342,000	127,589,000	133,931,000	4,320,354

656,076,000

Water Pumped From Feb. 1st., 1927 to Feb. 1st., 1928

	Sta. No. 1	Sta. No. 3	Total	Aver. Daily Pumpage
February	6,396,000	116,770,000	123,166,000	4,398,783
March	6,699,000	132,103,000	138,802,000	4,477,483
April	6,287,000	121,955,000	128,242,000	4,274,133
May	8,295,000	133,833,000	142,128,000	4,584,774
June	9,020,000	134,267,000	143,287,000	4,776,233
July	14,856,000	137,762,000	152,618,000	4,923,161
August	20,032,000	140,322,000	160,354,000	5,172,709
September	15,613,000	136,029,000	151,642,000	5,054,733
October	9,926,000	144,404,000	154,330,000	4,978,387
November	7,910,000	139,290,000	147,200,000	4,906,666
December	6,804,000	132,557,000	139,361,000	4,495,516
January	7,264,000	142,026,000	149,290,000	4,815,806

1,730,420,000

Daily Aver. Gal. Pumped To Each Inhabitant 1926

Daily Aver. Gal. Pumped To Each Inhabitant 1927

February	121.8
March	117.0
April	114.1
May	140.8
June	146.6
July	197.0
August	156.0
September	152.3
October	131.0
November	135.5
December	122.0
January	123.5

February	125.67
March	127.93
April	122.12
May	130.99
June	136.46
July	177.73
August	186.74
September	182.48
October	142.24
November	140.21
December	128.44
January	137.59

Population

During the months of February, March, April, May, June, October, November, December and January 35,000

During the months of July, August and September27,700

Meter Rates

For the first 1500 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 year is less than this amount.

Meters In Use

Kind	Size								Total
	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	
Trident	6321	300	174	57	94	25	16	6	6993
Empire	3								3
Lambert	4								4
Crown							1		1
	<u>6328</u>	<u>300</u>	<u>174</u>	<u>57</u>	<u>94</u>	<u>25</u>	<u>17</u>	<u>6</u>	<u>7001</u>

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"
1926—												
17694	26223	5584	20904	4291	15130	313221	19992	6060	2543	3351	7103	43
Out in 1927								1258	859	411	650	
Laid in 1927		604			168	10483	240					
17694	26223	5584	21508	4291	15298	323704	20232	4802	1684	2940	6453	43

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 August 1st., 1929

METER BOND ISSUE

\$75,000.00 all due August 1st., 1929

PURCHASE OF WATER RIGHTS, STEERE FARM

Bond Issue for 15 Years
\$81,000.00 sold. \$4,000.00 unsold. All due May 15, 1935

Extensions

- 240 feet of 4-inch on W. Jefferson west from Main St.
- 36 feet of 4-inch on Krause St. west off Third St.
- 36 feet of 6-inch on Arbana to connect with Arbor View Blvd.
- 240 feet of 6-inch on Third St. from Liberty to Washington.
- 587 feet of 6-inch on Monroe from Packard to State.
- 367 feet of 6-inch on E. Park Place from Henry to Rose.
- 456 feet of 6-inch on Arbor St. from S. State to Oakland.
- 60 feet of 6-inch on Broadway (extension).
- 312 feet of 6-inch on Kingsley from Division to Detroit.
- 480 feet of 6-inch on Longman Lane from Jackson Ave. toward Fair View Place.
- 276 feet of 6-inch on Forest Ave. from hydrant (in front of 1322 Forest) to Granger.
- 420 feet of 6-inch on Adams Ave. from S. Main to Hill.

- 30 feet of 6-inch on Wells from Ferdon (6" tap).
 628 feet of 6-inch on Olivia from Cambridge Road to Hill St.
 745 feet of 6-inch on Paul St. from Wesley to Arbor View.
 412 feet of 6-inch on Golden from Rose to Henry.
 228 feet of 6-inch on Cedar Bend Drive from Wall St. to Maiden Lane.
 679 feet of 6-inch on Arbor View from Arbana to Miller Ave.
 378 feet of 6-inch on Geddes from No. 2430 to Vinewood.
 30 feet of 6-inch on Vinewood off Geddes to connect with main on Vinewood.
 504 feet of 6-inch on Ferndale Place from Gardner to Henry.
 820 feet of 6-inch on Madison from Eberwhite Blvd. to Soule Blvd.
 185 feet of 6-inch on Soule Blvd. from intersection of Elder and Buchanan Blvds. to end of Soule Blvd.
 856 feet of 6-inch on Mt. Pleasant Place from Madison to Manhattan Drive.
 296 feet of 6-inch on Lutz Ave. east from Eberwhite Blvd. to end of block.
 804 feet of 6-inch on Mt. Vernon from Madison to Manhattan Drive.
 252 feet of 6-inch on Elder from intersection of Soule Blvd. and Elder Blvd.
 168 feet of 8-inch and
 12 feet of 6-inch on Miller Ave. from hydrant in front of Miller Ave. School a distance west of 168 ft.
 314 feet of 12-inch on Charlton from Montgomery to Revena Blvd.
 290 feet of 12-inch on Montgomery from well (Montgomery) to Charlton.
 24 feet of 6-inch on Cherry off Spring (paving).
 24 feet of 6-inch on Felch west off Spring (paving).
 48 feet of 6-inch on Felch east off Spring (paving).
 12 feet of 6-inch on Wilmot off Elm (paving).
 36 feet of 6-inch on Mack Road off Elm (paving).
 385 feet of 1-inch and
 190 feet of ¾-inch on W. Liberty from in front of Old Ladies' Home west to Beuhler's House and Barn (Service).

NEW CONNECTIONS

401 New Service Connections

7 New Hydrants Installed

Respectfully submitted,

WATER WORKS DEPARTMENT

Of the City of Ann Arbor.

By GEORGE S. VANDAWARKER, Manager.

April 16, 1928.

To the Honorable, the Common Council,
 The following Curb and Gutter funds are dead and could be transferred to the Street fund and to the labor accounts that are over-drawn:

Tax accounts with money on hand are Dist. No. 5, \$18.75; No. 7, 89c; No. 10, \$138.25; No. 11, \$192.86; No. 12, \$195.43; No. 13, \$115.70; No. 14, \$37.85; No. 15, \$218.71; No. 16, \$304.92; No. 17, \$161.49; No. 18, \$35.81; No. 19, \$122.79; No. 20, \$174.38; No. 21, \$86.02; No. 22, \$366.66; No. 23, \$82.00; No. 24, \$216.12; No. 25, \$778.95; No. 26, \$445.28; No. 27, \$793.56; No. 28, \$365.79; No. 29, \$1,417.82; No. 30, \$1,148.46; No. 31, \$1,105.94; No. 32, \$2,202.97; No. 33, \$1,181.17; No. 34, \$2,353.39; No. 35, \$955.11; No. 36, \$1,109.64; No. 37, \$1,156.70; No. 38, \$1,381.76; No. 39, \$871.95; No. 40, \$1,459.36; No. 41, \$330.73; No. 42, \$702.34; No. 43, \$1,633.53; No. 44, \$274.77; No. 45, \$1,192.97; No. 46, \$1,367.90; No. 47, \$1,387.50; No. 48, \$456.40; No. 49, \$144.39; No. 50, \$472.41; No. 51, \$100.63; No. 52, \$183.24; No. 53, \$78.79; No. 54, \$73.41; No. 55, \$93.68; No. 56, \$863.60; No. 57, \$295.45; No. 58, \$188.41; No. 59, \$197.24; No. 60, \$204.00; No. 61, \$187.87. Total on hand in Tax Accounts Curb and Gutter Funds, \$31,625.83.

Labor Accounts that are over-drawn where there were no bonds issued: Dist. No. 25, \$635.80; No. 29, \$1,218.05; No. 30, \$1,051.45; No. 31, \$1,013.98; No. 32, \$2,006.75;

No. 33, \$1,007.55; No. 34, \$2,112.80; No. 35, \$780.84; No. 36, \$986.45; No. 37, \$1,014.90; No. 40, \$1,292.85; No. 42, \$633.00; No. 43, \$1,395.30; No. 45, \$1,096.98; No. 46, \$1,195.10; No. 47, \$1,113.50. Total overdrawn in labor accounts curb and gutter funds. \$13,555.30.

The difference between the amounts of the labor accounts and the tax accounts that could be transferred to the Street Fund would be \$13,070.53.

The following tax account sewer funds are dead and could be transferred to some other funds and to the labor accounts:

Tax Accounts with money on hand are dist. No. 98, \$8.41; No. 99, \$10.20; No. 100, \$3.60; No. 103, \$46.75; No. 104, \$58.89; No. 105, \$115.48; No. 106, \$26.53; No. 107, \$19.31; No. 108, \$.22; No. 110, \$74.27; No. 111, \$189.99; No. 113, \$60.53; No. 114, \$1.31; No. 115, \$61.99; No. 116, \$13.57; No. 117, \$16.59; No. 119, \$1,508.03; No. 120, \$1,517.48; No. 122, \$42.50; No. 123, \$95.51; No. 124, \$177.93; No. 125, \$337.99; No. 126, \$74.89; No. 127, \$103.26; No. 128, \$426.81; No. 129, \$145.79; No. 130, \$54.58; No. 131, \$512.90; No. 133, \$64.21; No. 134, \$43.98; No. 135, \$55.73. Total on hand in tax account sewer funds. \$5,869.23.

Labor account funds overdrawn are Dist. No. 120, \$1,059.71; No. 128, \$281.28; No. 129, \$43.64; No. 130, \$11.22; No. 131, \$489.02. Total overdrawn in labor accounts sewer funds, \$1,884.87.

The difference between the amounts are \$3,984.36 which could be transferred.

Respectfully submitted,
 Theo. J. Schmidt, City Treasurer.
 Per C. E. Stoll.

By Ald. Lutz:

Resolved, that so much of the money on hand in curb and gutter tax accounts as is necessary to balance the curb and gutter labor accounts, as reported by the City Treasurer, be and the same is hereby transferred to said curb and gutter labor accounts, and the remainder, \$13,070.53, be and the same is hereby transferred to the Street Fund.

Resolved, further, that so much of the money on hand in lateral sewer tax accounts as is necessary

to balance the lateral sewer labor accounts, as reported by the City Treasurer, be and the same is hereby transferred to said lateral sewer labor accounts, and the remainder, \$3,984.36, be and the same is hereby transferred to the Street Fund.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

Communication to City Treasurer from Stivers and Laird relative delinquent taxes of Michigan Furniture Company, proposing settlement for \$396.68 and recommendation of acceptance from City Treasurer received and referred to City Attorney.

A list of old personal taxes was received from City Treasurer and referred to City Attorney.

Preliminary Estimates Relative Proposed Bridge

To the Honorable Common Council,
 Ann Arbor, Michigan.
 Gentlemen:

I submit herewith an approximate estimate of the cost of the Broadway Grade Separation Bridge over the Michigan Central Railroad. General plans are on file in my office.

North approach, Broadway	\$ 29,055.00
Structure	172,200.00
Depot Street Improvement	33,785.00
Detroit Street Improvement	33,340.00
Division Street Extension Improvement	33,750.00

Total\$302,130.00

Respectfully submitted,
 GEO. H. SANDENBURGH,
 City Engineer.

Moved by Ald. Severance, that the general plans and preliminary estimate of cost of proposed bridge as presented by the City Engineer be adopted.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.
 By Ald. Severance:

Whereas, examination has shown that the Broadway Grade Separation Bridge over the Michigan Central Railroad in the City of Ann Arbor is in need of being replaced to care for the increase of traffic due to trunk line highways, and cannot be properly repaired to care for the increasing traffic, and,

Whereas, the Common Council deems it expedient to construct a new bridge under joint cost and maintenance with the Michigan Central Railroad Company, and,

Whereas, the necessary funds needed for the share of the City of Ann Arbor, for the construction of the new bridge, in accordance with the plans and estimates submitted to the Common Council by the City Engineer, can only be raised by the borrowing of funds and issuing of bonds therefor, and,

Whereas, the said bridge is hereby declared to be a necessary public improvement and its period of usefulness is hereby determined to be thirty years and upwards, and,

Whereas, it is the judgment of the Common Council that the sum of one hundred and fifteen thousand (\$115,000) dollars may be needed for said improvement, therefore,

Be It Resolved, that at a special election to be held in the City of Ann Arbor on Monday the 28th day of May, 1928, the proposition of raising by loan the sum of one hundred and fifteen thousand (\$115,000) dollars, be submitted to the qualified electors of said city on said date and such funds when raised to be used for the purpose of constructing a bridge to be known as the Broadway Grade Separation Bridge over the Michigan Central Railroad in the City of Ann Arbor, in accordance with plans of the City Engineering Department.

Resolved, further, that the polls be held in the following places: First ward, voting room in 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 on North Fifth Avenue; Fifth ward, ward building on Pontiac Street; Sixth ward, voting room in old engine house on East University Avenue; Seventh ward, first

precinct, ward building on Mary Street; Seventh ward, second precinct, voting room in Eberbach School, corner of Wells Street and Forest Avenue.

Resolved, further, that the polls shall be open from 7 o'clock A. M. Eastern Standard Time and remain open until 8 o'clock P. M. Eastern Standard Time and that the supervisors and aldermen act as election inspectors according to the charter.

Resolved, further, that the ballots shall be of white paper of equal width and length and shall read:

For the issuance of bonds not to exceed in amount the sum of \$115,000.00 to pay the city's share of the cost of the construction of a bridge to be known as the Broadway Grade Separation Bridge over the Michigan Central Railroad in the City of Ann Arbor.

Yes ().

For the issuance of bonds not to exceed in amount the sum of \$115,000.00 to pay the city's share of the cost of the construction of a bridge to be known as the Broadway Grade Separation Bridge over the Michigan Central Railroad in the City of Ann Arbor.

No ().

Resolved, further, that the canvass and determination of said vote be made according to the state law and city charter.

Resolved, further, that the City Clerk of said city be and he is hereby authorized to issue the usual call for said special election pursuant to the state law and charter of the city and cause to be printed ballots as above provided, for the use of the electors at said election.

Resolved, further, that the City Clerk make all necessary arrangements for the registration of voters pursuant to and according to the laws of the state.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury: 14. Nays, none.

By Ald. Slauson:

Resolved, that the City Clerk make all necessary arrangements for re-registration of the qualified electors of this city, and that said

re-registration be held in the City Hall, under the supervision of the City Clerk, during regular office hours of the City Clerk from June 1, 1928, to August 18, 1928, inclusive; provided, that on Saturday, August 11, 1928, and Saturday, August 18, 1928, the hours for re-registration shall be from eight o'clock a. m. until eight o'clock p. m., Eastern Standard Time.

Resolved, further, that it is considered advisable that the City Clerk publish notice of re-registration in The Ann Arbor Daily News once in each week for two successive weeks preceding the first day of June, and also to cause printed notices to be posted according to State law.

Resolved, further, that the City Clerk be and he is hereby authorized to appoint such deputies as he may deem necessary for re-registration and the compensation of said deputies shall be seventy cents per hour.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

By Ald. Lutz:

Resolved, that the Finance Committee be authorized to procure the legal opinion of Miller, Canfield, Paddock and Stone as to the validity of refunding issue of water works bonds and proposed bond issue for new bridge over the Michigan Central Railroad tracks at Broadway.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

By Ald. Fisher:

Resolved, that the Council as a committee of the whole appoint a committee of seven persons one from each ward consisting of at least three women to consider the water question, to act with water committee and report back to the council within two months.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Town-

ley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

By Ald. Fisher:

Resolved, that the action of the Common Council May 2, 1927, in fixing the salary of the City Treasurer at twenty-four hundred dollars per year at the conclusion of the service of the present City Treasurer, be rescinded; and that said salary is hereby fixed for the year beginning the first Monday in May, 1928, at three thousand dollars per year, payable in equal installments on the first day of each month.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

By Ald. Fisher:

Resolved, that the salary of the City Attorney be and the same is hereby fixed for the year beginning the first Monday in May, 1928, at twenty-two hundred dollars per year, payable in equal installments on the first day of each month.

Resolved, further, that the office of Assistant City Attorney be abolished April 16, 1928.

Resolved, further, that the City Attorney be authorized to employ a stenographer for city work at twenty-four dollars per month, payable on the first day of each month.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

By Ald. Maulbetsch:

Resolved, that the Detroit Edison Company be requested to place their wires on Washington St. from Fifth Ave. to Ashley St. underground.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth, Maulbetsch, Graf, Allmendinger, Harris, Draper, Bradley, Severance, Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

Ald. Lutz announced meeting of the Budget Committee for April 23 at 7:30 p. m. and requested Mayor to be present.

Moved by Ald. Lutz, that the

Finance Committee be instructed to procure bids for printing and publishing the proceedings of the Common Council, city notices, legal publications and printed pamphlets, and report to Council.

Adopted by following vote: Yeas, Ald. Slauson, Wuerth. Maulbetsch,

Graf, Allmendinger, Harris, Draper. Bradley, Severance. Kurth, Townley, Lutz, Fisher, Pres. Woodbury; 14. Nays, none.

On motion of Ald. Graf. Council adjourned.

ISAAC G. REYNOLDS,
City Clerk.