

Council Chamber,  
Ann Arbor, Mich.,  
March 21, 1927.

**Regular Meeting**

Meeting called to order by President Woodbury.

Present: Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11.

Absent: Ald. Sweet, Hammial, 2.  
Minutes of March 8 and 10, 1927, approved.

**Communications**

**From Board of Public Works**

Moved by Mr. Atwell, that Board requests Council for permission to purchase one Dumpy Level for Engineer Dept., at a cost not to exceed \$200.00.

(Council action)

Referred to Budget Committee. To the Board of Public Works, Ann Arbor, Mich.,  
Gentlemen:

I submit the following preliminary estimate of the cost of construction of the Dexter Avenue pavement from West Huron Street to the City Limits, District No. 76. Plans and specifications are on file in my office.

1 1-2—1 1-2 Sheet Asphalt on 6 in. Concrete Base:	
Labor and material	....\$33,744.45
Engineering and contingencies	..... 3,374.44

Estimated cost	.....\$37,118.89
7 in. reinforced or 8 in. plain concrete pavement.	
Labor and material	...\$32,121.45
Engineering and contingencies	..... 3,212.14

Estimated cost .....\$35,333.59  
Respectfully submitted,

GEORGE H. SANDENBURGH,  
City Engineer.

Approved by Board March 16, 1927.

(Council action).

Referred to Street Committee. (From Board)

City Engineer requested permission of Board of Public Works to secure the services of Mr. Wm. C. Hoad to check over the plans, specifications and estimate of cost for Main Trunk Line Sanitary Sewer.

Moved by Mr. Atwell, that recommendation of City Engineer

be approved and Board requests Common Council for permission to secure services of Mr. Hoad.

(Council action).

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

Adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

**From Board of Water Commissioners**

March 14, 1927.

To the Honorable Common Council,  
Gentlemen:

Please authorize the City Treasurer to transfer from the Sinking Fund to the Water Works Fund \$30,000.00.

Very Respectfully,

GEORGE J. MANN,  
JOHN LINDENSCHMITT,  
ROBERT NORRIS,

Board of Water Commissioners.  
Referred to Finance Committee.

Ann Arbor, Mich.,  
March 21, 1927.

To the Honorable, the Common Council,  
Gentlemen:

I respectfully request that I may be authorized to procure extra help during the period that we are preparing the assessment rolls.

Yours respectfully,

H. W. CRIPPEN,  
City Assessor.

Referred to Budget Committee.

Communications from the Democratic and Republican City Committees, requesting the use of paper ballots at the April election and that the voting machines be not used, received and ordered on file.

Moved by Ald. Jocelyn, that we rescind former action ordering the use of Abbott Voting Machines at the April 4, 1927 elections and order the use of paper ballots exclusively for said elections, and the City Clerk be instructed to publish notice of same.

Adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

Statement of the income and expenses of the Peoples Motor

Coach Co. received and referred to Railway Committee.

ray-Washington St. drain was presented and referred to the City Attorney.

**Petitions**

Of Isaac Doty to amend zoning ordinance so that following described property shall be changed from Class B to Class C: A parcel of land, part of Section 21, Ann Arbor, bounded on northwest by Plymouth road, on the east by Mill St., on the west by a line parallel to and 132 feet west of the west line of Mill St., on the south by a line parallel to and 132 feet south of the southerly line of Plymouth road, received and referred to Board of Appeals.

Of C. L. Cole, et. al., requesting that West Washington St. be designated as a through traffic street where it intersects Seventh and Eighth Sts., received and referred to Traffic Committee.

Of Otto Zell, et. al., requesting that Maryfield Drive be gravelled or put in passable condition, received and referred to City Engineer to give immediate attention.

Of Catherine V. Conlin for sidewalk on south side of Vinewood blvd. between Wayne St. and Berkshire road, except where sidewalks are now constructed; petition of T. A. Longabardi for sidewalk in front of lot east of 201 West Hoover Ave.; and petition of John B. Ream, et. al, for sidewalk on south side of Abbot Ave. from Virginia Ave. west to end of street, except walk now constructed; received and referred to Sidewalk Committee.

**Curb and Gutter Petition**

Of University of Michigan for curb and gutter on the extension of Forest Ave. between Washtenaw Ave. and the North University Ave., Volland St. end, received and referred to Street Committee.

**Pavement Petition**

Of Cornelius W. Tuomy, et. al., for pavement on E. Ann St., between Fourth Ave. and Fifth Ave., received and referred to Street Committee.

**Release**

A proposed release of right of way from the City of Ann Arbor to Washtenaw County for the purpose of locating, establishing and constructing the so-called Mur-

**Committee Reports  
Finance Report  
Fire Fund**

Charles 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
Mat. Heininger, salary . .	78.50
Floyd Naylor, 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 Fieldcamp, salary	78.50
Percy Whitlock, salary .	78.50
Edward Zeeb, salary . . .	78.50
George Schmidt, salary .	78.50
Henry Kolander, salary .	78.50
Albert Hoffman, salary .	78.50
Elmer Rintz, salary . . . .	78.50
Oscar Rintz, salary . . . . .	78.50
Ernest Heller, salary . . .	78.50
Ira Nevarre, salary . . . . .	78.50
Frank Ryan, salary . . . .	78.50
Laurence Chatterton, salary . . . . .	78.50
John Waterman, salary .	78.50
Wm. Keihl, salary . . . . .	72.00
Carlton Nevins, salary . .	72.00
Chas. Carroll, salary . . .	45.00

Fire Fund total salaries  
1-2 month March . . . . \$2,458.00

**Police Fund**

Thomas O'Brien, salary . \$	114.50
Frank Keihl, salary . . . .	91.50
Louis Fohey, salary . . . .	87.50
Norman Cook, salary . . .	83.00
M. G. Howard, salary . . .	78.50
Charles Kapp, salary . . .	78.50
Sherman Mortenson, salary . . . . .	78.50
Irwin Keebler, salary . . .	78.50
Harold Gee, salary . . . . .	78.50
Thomas Fohey, salary . .	78.50
Harry Smith, salary . . . .	78.50
Benj. Ball, salary . . . . .	78.50
Roland Wooster, salary . .	78.50
Herman Suma, salary . .	78.50
Oscar Weir, salary . . . . .	78.50
Arnold Busch, salary . . .	78.50
Albert Heusel, salary . . .	78.50
Julius Ehnis, salary . . . .	72.00
Walter Schmid, salary . .	72.00
William Marz, salary . . .	72.00

John Osborn, salary . . . . .	78.50	Harry W. Nichols, serv- ices . . . . .	12.00
Police Fund total salaries		Charles E. Barthell, serv- ices . . . . .	12.00
1-2 mo. March . . . . .	\$1,691.50	Harry N. Cole, services . .	12.00
<b>Water Works Fund</b>		W. E. Groat, services . . .	12.00
Harry Willsher, salary . . \$	72.50	Edward S. McLouth, . . . .	
Waldo Eisemann, salary . .	75.00	services . . . . .	12.00
Fred Linde, salary . . . . .	87.50	L. M. Gram, services . . . .	12.00
Robert Rowe, salary . . . . .	70.00	Thelma Hayes, services . .	12.00
Robert Young, salary . . . .	65.00	Nellie J. Stevens, services	12.00
Durward Young, salary . . .	62.50	Maria Peel, services . . . .	12.00
A. E. Hawkes, salary . . . . .	70.00	George Lutz, Sr., services	12.00
C. W. Shetterly, salary . . .	100.00	E. R. Schaffer, salary . . .	12.00
Donna Woodward, salary . . .	62.50	Mrs. Jennie Servis, serv- ices . . . . .	12.00
William Groves, salary . . . .	70.00	Katherine S. Groomes, services . . . . .	12.00
J. C. Ledwidge, salary . . . .	70.00	Kathern M. Golden, serv- ices . . . . .	12.00
Water Works fund total		Albert West, services . . . .	6.00
salaries . . . . .	\$ 805.00	W. A. Hintz, services . . . .	6.00
<b>Contingent Fund</b>		T. Frank Duris, services . .	6.00
Frank Marz, salary . . . . .		Mrs. Christina Luippold, services . . . . .	6.00
1-2 month . . . . .	\$ 78.50	L. E. Slussar, services . . . .	6.00
Fred J. Staeb, salary . . . . .		W. J. Stevens, services . . .	6.00
1-2 month . . . . .	57.50	Wm. Weinmann, services . . .	6.00
Total salaries . . . . .	\$ 136.00	John J. Engelfried, labor . .	7.88
<b>Election</b>		Fred J. Staeb, labor . . . . .	7.88
Louis P. Jocelyn, services \$	12.00	C. E. Godfrey, cartage . . . .	8.25
L. O. Cushing, services . . . .	12.00	Rogers Poster Service . . . .	
Timothy P. Stowe, serv- ices . . . . .	12.00	posting notices . . . . .	10.00
Mabel E. Blum, services . . . .	12.00	Total election . . . . .	\$ 580.01
Ruth B. Buchanan, serv- ices . . . . .	12.00	<b>Engineer Department</b>	
Benj. H. Graf, services . . . .	12.00	K. W. Donnell, services . . \$	75.00
Wm. H. Buettner, serv- ices . . . . .	12.00	H. Ferenz, services . . . . .	75.00
J. Herman Greve, serv- ices . . . . .	12.00	Alex Jarowski, services . . .	33.00
Daniel Haas, services . . . . .	12.00	V. W. McAdam, services . . .	100.00
Fred Dupper, services . . . . .	12.00	F. Schmid, services . . . . .	16.67
E. E. Lucas, services . . . . .	12.00	C. Preston Witcher, serv- ices . . . . .	16.67
Charles H. Saraw, serv- ices . . . . .	12.00	Engineering Dept. total	
Carl A. Lehman, services . . . .	12.00	services . . . . .	\$ 316.34
Joseph Hertchen, serv- ices . . . . .	12.00	<b>Municipal Garage</b>	
W. H. Pennycook, serv- ices . . . . .	12.00	L. G. Bird, labor . . . . .	\$ 24.50
J. Edgar Dwyer, services . . . .	12.00	City of Ann Arbor Street Dept. services . . . . .	3.50
S. S. Hammial, services . . . . .	12.00	City of Ann Arbor Water Dept. N-P services . . . . .	1.50
Wm. Corson, services . . . . .	12.00	The Detroit Edison Co., . . .	1.81
J. A. Brown, services . . . . .	12.00	R. H. Alber, materials . . . .	1.35
L. C. Rhoades, services . . . .	12.00	Ann Arbor Exide Battery Service, materials . . . . .	.25
H. C. Meuth, services . . . . .	12.00	Auto Parts Co., materials . . .	16.48
W. S. Moore, services . . . . .	12.00	John Crane, materials . . . .	21.00
Geo. Spathelf, services . . . . .	12.00	The Donovan Store, ma- terials . . . . .	16.96
Thornton E. Ware, serv- ices . . . . .	12.00	Ernst Bros. Electric Shop, materials . . . . .	2.50
E. W. Hatch, services . . . . .	12.00	John C. Fischer Co., ma- terials . . . . .	2.30
Barwise W. Manwaring, services . . . . .	12.00		
C. C. Freeman, services . . . . .	12.00		
John MacGregor, services . . . .	12.00		

Harris Tire Co., materials	33.90	office expense	71
Muehlig & Schmid, materials	14.55	Ditto Incorporated, office expense	4.00
Henry S. Platt, materials	43.90	Eberbach & Son Co., office expense	7.10
Pratt & Stribley, materials	70.20	Wm. Goodyear & Co., office expense	1.50
Staebler Oil Co. materials	490.18	Charles W. Graham, office expense	1 50
Washtenaw Motor Co., materials	.48	Holland, Ackerman & Holland, office expense	2.88
Weissinger Sign Works, materials	1.00	The Mayer-Schairer Co., office expense	17.85
The Welding Shop	3.25	I. G. Reynolds, office expense paid	7.56
Municipal Garage total	\$ 749.61	University of Michigan office expense	5.65
James Coon, services	\$ 37.50	West Disinfecting Co., office expense	59.65
Katherine Golden, services	51.80	White Swan Laundry Co. Ltd., office expense	.24
T. P. Stowe, services	39.00	Ann Arbor Foundry Co., materials	8.00
Public Health Nursing Association, T. B. work	31.00	City of Ann Arbor Street Dept., materials	21 16
Mrs. Ralph Edwards, contingencies	1.00	John C. Fischer Co., materials	.85
Mrs. Leo Dettling, contingencies	1.00	P. B. Harding, repairs	3.95
Mrs. Albert Mayer, contingencies	1.00	R. A. Steward, repairs	14.80
Charles Henderson, contingencies	1.00	Total	\$ 762.73
Fred Benz, contingencies	1.00	Contingent Fund total including salaries	\$2,544.69
Durward Young, contingencies	1.00	<b>Water Works Fund</b>	
Jacob Schild, contingencies	.60	Mayer-Schairer Co., office	\$ 25.00
Karl Wurster, contingencies	.60	O. D. Morrill, office	12.50
Alex Schild, contingencies	.60	James B. Clow & Sons, materials	12,564.86
Elmer Schwartz, contingencies	.60	Detroit Lead Pipe Works materials	1,023.57
Walter Larmee, contingencies	.60	Neptune Meter Co., materials	16.73
Carl Sweet, contingencies	.60	Buckeye Traction Ditcher Co., materials	4.35
Fred J. Staebler, contingencies	.60	Mueller Co., materials	1,722.33
M. G. Howard, contingencies	.60	N. H. Heyman, materials	16.50
Oscar Weir, contingencies	.60	Standard Oil Co., materials	10.00
Elmer Armbruster, contingencies	.80	Mich Central Railroad materials	875.21
John Shankland, contingencies	3.35	C. E. Godfrey, materials	207.45
Mich. Bell Tel. Co. N-P services	1.20	William Hochrein & Sons materials	6.25
The Detroit Edison Co. N-P services	12.57	Freeman's Grocery, materials	4.25
Ann-A Fuel Co., fuel	264.00	John C. Fischer Co., materials	17.38
A. R. Cole, contingencies	40.55	Staebler Oil Co., materials	12.17
The Quarry, immunization	7.20	Eberbach & Son Co., materials	2.90
City of Ann Arbor Municipal Garage M garage (Health Dept.)	89.83		
Columbia Refining Co., office expense	15.13		
Detroit United Lines, of-			

P. B. Harding, materials .....	8.85	George Menice, labor ...	30.60
City of Ann Arbor Water Dept. materials and expense .....	42.39	Chris. Paul, labor .....	35.40
Mich. Bell Tel. Co., N-P service .....	2.50	Arthur Raus, labor .....	53.40
George W. Efner, land and structures .....	550.99	Ed. Roehm, labor .....	26.50
John M. Feiner, land and structures .....	27.26	Otto Schantz, labor .....	31.20
City of Ann Arbor Municipal Garage M Garage .....	99.72	Ed. Schweickert, labor ..	15.00
<b>Total</b> .....	<b>\$17,253.16</b>	Carl Seeger, labor .....	13.50
L. Gerrick, labor .....	\$ 62.40	Herman Stoll, labor .....	40.20
H. Maier, labor .....	52.50	Theo. Stollsteimer, labor.	21.50
L. Furthmueller, labor ..	62.40	Fred Ulrich, labor .....	49.40
W. Western, labor .....	62.40	Martin Walsh, labor .....	2.40
A. Jedele, labor .....	60.00	Ed. Warner, labor .....	26.50
L. W. Bush, labor .....	57.60	Wm. Wayman, labor ...	26.00
<b>Total labor</b> .....	<b>\$ 357.30</b>	Charles Flewelling, team	39.00
Water Works Fund total including salaries ...	\$18,415.46	Jake Weber, team .....	25.00
<b>Park Fund</b>		Jake Young, team .....	8.00
George Davis, labor .....	\$ 59.40	<b>Total labor</b> .....	<b>\$ 859.90</b>
Ben Foster, labor .....	59.40	City of Ann Arbor Water Dept. N-P services ...	\$ 5.27
Ernest Jones, labor .....	21.00	The Detroit Edison Co., N-P services .....	2.34
Ezra Moore, labor .....	63.00	Henry S. Platt, equipment .....	340.00
Claude Wyman, labor ...	59.40	The Mayer-Schairer Co., office expense .....	28.00
<b>Total labor</b> .....	<b>\$ 262.20</b>	Killins Gravel Co., materials .....	302.00
City of Ann Arbor Municipal Garage M Garage .....	\$ 42.60	Gus Meyer, materials ...	6.00
City of Ann Arbor Street Dept. contingencies ..	10.00	Staebler Oil Co., materials .....	7.30
John C. Fischer Co., contingencies .....	2.20	Washtenaw Gas Co., materials .....	9.25
The Ideal Power Lawn Mower Co., contingencies .....	55.98	Wolf & Colvin, materials.	16.55
Gerstner Lumber Co., materials .....	60.00	<b>Total</b> .....	<b>\$ 716.71</b>
<b>Total</b> .....	<b>\$ 170.78</b>	Street Fund total .....	\$1,576.61
Park Fund total .....	\$ 432.98	<b>Labor-Sewer District</b>	
<b>Street Fund</b>		City of Ann Arbor Water Dept., materials .....	\$1,125.00
Philip Adam, labor .....	\$ 12.50	Sewer District—	
L. G. Bird, labor .....	51.80	148 .....	\$ 75.00
Otto Blaess, labor .....	55.20	149 .....	25.00
George Clough, labor ...	24.00	151 .....	25.00
Adolph Finkbeiner, labor	19.20	153 .....	300.00
Fred Hanselman, labor ..	59.80	154 .....	25.00
Sam Kalmbach, labor ..	19.00	155 .....	50.00
Wm. Keppler, labor .....	53.40	156 .....	25.00
Fred Malke, labor .....	20.80	157 .....	100.00
James Mason, labor .....	59.80	159 .....	200.00
Clyde Meabon, labor .....	40.80	160 .....	25.00
		161 .....	25.00
		162 .....	75.00
		163 .....	25.00
		164 .....	25.00
		166 .....	25.00
		167 .....	25.00
		169 .....	25.00
		170 .....	50.00
		<b>Recapitulation</b>	
		Contingent .....	\$ 2,544.69
		Fire .....	2,458.00
		Police .....	1,691.50

Water Works .....	18,415.46
Park .....	432.98
Street .....	1,576.61
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City Funds total .....	\$27,119.24
Labor Sewer Districts—	
148 .....	\$ 75.00
149 .....	25.00
151 .....	25.00
153 .....	300.00
154 .....	25.00
155 .....	50.00
156 .....	25.00
157 .....	100.00
159 .....	200.00
160 .....	25.00
161 .....	25.00
162 .....	75.00
163 .....	25.00
164 .....	25.00
166 .....	25.00
167 .....	25.00
169 .....	25.00
170 .....	50.00
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Total Sewer Districts ...	\$ 1,125.00
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Grand Total .....	\$28,244.24

Ann Arbor, Mich.,  
March 21, 1927.

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.

ISAAC G. REYNOLDS,  
City Clerk.

To the Honorable, the Common  
Council,  
Gentlemen:

Your Finance Committee has reviewed the foregoing report. Warrants for salaries were drawn March 16, 1927. We recommend that same be approved and that warrants be ordered drawn for foregoing accounts.

GEORGE J. LUTZ, JR.,  
H. M. SLAUSON,  
Finance Committee.

Ald. Lutz moved the adoption of report, which was adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

**Ordinance Committee**

Ald. Freeman presented an ordinance entitled, "An ordinance to regulate the milk supply of the

City of Ann Arbor; to provide for the issuing of licenses thereunder and penalties for the violation of the provisions thereof. 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 the Ordinance Committee by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none. Ald. Freeman gave notice that a public hearing on the foregoing ordinance would be held.

**Street Committee**

The matter of estimates relative to cost of construction of pavement in pavement district No. 76, was considered; and the City Attorney gave an opinion that the charter provided for an estimate for one particular kind of pavement.

Moved by Ald. Lucas, that the estimates be referred back to the Board with request that they recommend 1 1-2—1 1-2 sheet asphalt on 6 in. concrete base.

Adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

**Sidewalk Committee Report**

To the Honorable, the Common  
Council,  
Gentlemen:

Your Sidewalk Committee respectfully recommends that the following sidewalks be ordered built and the following resolution adopted:

Resolved, That the grading and construction of sidewalks hereinafter mentioned is deemed and declared to be a necessary public improvement.

Therefore, It is hereby ordered that Portland Cement concrete sidewalks be graded, built and constructed in the City of Ann Arbor on and along the following property; width of walk to be five feet unless otherwise stated:

**Church Street**

No. 551 new walk; No. 702, six new blocks; 709 and 715 new driveways; on Church street side of No. 1205 Hill St. four new blocks; No. 415 five new blocks; No. 707 raise last block at S.

The S 1-2 of lot 31, R. S. Smith's addition.

The E 82 1-2 ft. of lot 1, B 2, R. S. Smith's 2nd addition.

The S 103 ft. of the N 216 ft. of lots 4 and 5, B 3, R. S. Smith's 2nd addition.

The S 70 ft. of lots 2 and 3, B 3, R. S. Smith's 2nd addition.

Lot 46 except the N 46 1-2 ft. also except the E 1 rod.

The S 54 ft. of the N 108 ft. of lots 4 and 5, B 3, R. S. Smith's 2nd addition.

#### South Fifth Avenue

Nos. 539, 545, 549, 551 to Madison St. and south of Madison St. on east side for one lot; also, Nos. 544, 548, 554, 558.

Lot 17 and the S 122 ft. of lots 14 and 15, B 5 S, R 6 E, Ann Arbor Land Co's addition.

The W 33 ft. of lot 1 and the W 33 ft. of the N 24 ft. of lot 2 B 6 S, R 6 E, Maynard and Morgan's addition.

Lots 8, 14 and 15, B 5 S, R 5 E, Ann Arbor Land Co's addition.

#### East Huron Street

No. 811 two new blocks and either raise or renew four other blocks; No. 802 all new; No. 804 two new blocks.

The E 44 ft. of lot 2, B 1 N, R 11 E.

Lot 2 and the N 75 ft. of lot 1, B 1 S, R 11 E. Eastern addition.

#### Hill Street

No. 1100 new walk; at S. W. corner of Hill and Church city put new block in place of "Dish" block next east of owner's walk; No. 1208 lower one block to level of next block at N. W. corner.

The N 99 ft. of lot 1, B 2 Hills addition.

The N 89 ft. of lot 23, B 2 Hills addition.

Lots 1, 2 and 24, B 3, Hills addition.

#### John Street

Driveway and two blocks on John St. side of No. 702 S. Division.

The N 35 ft. of the E 66 ft. of lot 19, Weinbergs subdivision.

#### Monroe Street

No. 511, No. 521 five blocks; one "Dish" near western side. One block at eastern side seems to be partly on No. 603; new walk No. 1011 and from No. 1015 eastward to E. University Av.

Lot 5, the W 21 ft. of lot 6, the

E 16 1-2 ft. of lot 7, B 6 S, R 8 E, and the W 66 ft. of the S 99 ft. of B 6 S, R 9 E, Maynard & Morgan's addition.

The E 40 ft. of lot 8 and the E 92 ft. of lot 9, B 6 S, R. 13 E. Alteration of Ann Arbor Land Co's addition.

#### Twelfth Street

Repair as seems to be needed at Oil Station at Washtenaw Av., and at next lot north of same.

Lots 10 and 11, B 2 S, R 12 E. eastern addition.

#### East University Avenue

No. 614 new except six blocks; No. 609 new.

The E 7 rods of lot 14 B 6 S, R 13 E, Alteration Ann Arbor Land Co. addition.

The N 1-2 of lot 62, R. S. Smith's addition.

#### South University Avenue

No. 1118 raise two blocks just in front of door and one east of that.

The N 87 ft. of lot 65, R. S. Smith's addition.

#### Willard Street

No. 1114 five new blocks beginning with one just west of middle of entrance and running eastward. South side, beginning with seventh block from Church and running eastward to include driveway at 1208.

The E 82 1-2 ft. of lot 1, B 2, R. S. Smith's 2nd addition.

The N 54 ft. of lot 5 and the N 54 ft. of the W 34 ft. of lot 4, B 3, R. S. Smith's 2nd addition.

Respectfully submitted,

H. M. SLAUSON,

GEORGE J. LUTZ, JR.,

C. C. FREEMAN,

BENJ. H. GRAF,

J. EDGAR DWYER,

Sidewalk Committee.

Ald. Slauson moved the adoption of report which was adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

#### Lighting Committee Report

Ald. Jocelyn made oral report of progress in matter of proposed boulevard lighting and funds for same must be provided in next budget.

He further reported that the Lighting Committee recommends that the two lights on Washing-

ton Heights be moved further to the east as requested; and that 100 c. p. light be placed about midway between the Goffe plant and the Economy Baler Company on N. Main St. and 100 c. p. light be placed at corner of Morton Ave. and Lincoln Ave.: and that the petition for light in front of 2122 Dorset road be denied.

Ald. Jocelyn moved the adoption of report, which was adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

**Bond Committee Report**

To the Honorable, the Common Council, Gentlemen:

Your Bond Committee has considered the following bond for erection and installation of electric sign and recommends approval of the same: J. F. Methard, principal; United States Fidelity and Guarantee Company, surety.

Respectfully submitted,  
BENJ. H. GRAF,  
E. E. LUCAS,  
C. C. FREEMAN,

**Bond Committee.**

Ald. Graf moved the adoption of report, which was adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

**Poor and Cemetery Committee**

Ald. Slauson informed Council of death of John H. Shadford, Poor Commissioner, and stated that his son, Edwin W. Shadford, had been carrying on the work during his father's illness.

Moved by Ald. Slauson, that Edwin H. Shadford be appointed Poor Commissioner for remainder of term of office with same compensation now provided.

Adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

**City Officers**

The annual report of the Board of Public Works, consisting of annual reports of City Engineer and Street Commissioner, was presented March 8, 1927, and ordered printed in minutes of this meeting.

**ANNUAL REPORT OF BOARD OF PUBLIC WORKS ENGINEERING DEPARTMENT**

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

Gentlemen: I respectfully submit the following report of work done by the Board of Public Works under the direction of the City Engineer.

Respectfully submitted,  
GEORGE H. SANDENBURGH,  
City Engineer.

**Pavements**

Pavements were constructed on four streets the past season. Ingalls and Kingsley Street; Geddes Heights; North Main Street and Broadway. North Main Street is being paved in conjunction with the State Highway Department as part of State Trunk Line 65 Section 10. Broadway was paved in conjunction with the State Highway Department as part of Federal Aid Road No. 82 Section C. The State Highway Department pays for the central twenty feet of pavement in each case. Ingalls and Kingsley Street is paved with a 11-2-1 1-2 sheet asphalt surface on a six-inch concrete base Geddes Heights with a six-inch plain concrete pavement, North Main Street with a 11-2-1 1-2 sheet asphalt surface on a seven-inch concrete base, Broadway with a seven-inch plain concrete pavement.

A tabulated list of the cost and distribution of cost of each pavement is given below.

**District No. 72**

Ingalls and Kingsley Streets: East Kingsley Street from North State Street to North Ingalls Street, Ingalls Street from East Kingsley Street to North University Avenue.

Contract cost .....	\$34,754.18
Sewer work .....	382.69
Material furnished by	
City .....	56.51
Advertising .....	11.00
Engineering .....	272.57
Inspection ..	526.91
Office overhead .....	695.08

Total cost .....	\$36,698.94
City's share .....	\$11,358.08
Property owners' share	\$25,340.86

**District No. 73**

Geddes Heights

Contract cost .....	\$3,482.36
Sewer work .....	11.00



Engineering .....	27.85
Inspection .....	17.31
Office overhead .....	69.65
	<hr/>
Total cost .....	\$3,608.17
City's share .....	\$ 805.20
Property owners' share..	\$2,802.97

**District No. 74**

North Main Street: End of present pavement to the N. City Limits.

Due to unseasonable weather this pavement was not finished. The contract cost to date has been \$6,865.79. A complete report of the cost of this pavement will be found in the 1927 Annual Report.

**District No. 75**

Broadway: Swift Street to Maiden Lane.

Contract cost .....	\$8,275.23
Sewer work .....	36.00
Engineering and inspection by State .....	375.00
Engineering and inspection by City .....	14.89
	<hr/>
Total cost .....	\$8,701.12
City's share .....	\$5,680.52
Property owners' share..	3,020.60

Summary of 1926 Paving. Con-

tractor, Ann Arbor Construction Company, Ann Arbor, Michigan.

Sq. yds of sheet asphalt laid. 9,399  
Sq. yds of plain concrete laid. 4,092

Total length of pavement laid  
..... 3,815 feet or .72 mi.

Total cost of pavement  
laid .....

City's share .....

Property owners' share. \$31,164.43  
Percentage paid by City. 36.30%

Contract cost .....

Contingencies .....

Construction cost ....

Engineering .....

Inspection .....

Office overhead .....

Total cost .....

Engineering cost is 1.09% of the  
construction cost.

Inspection cost is 1.57% of the  
construction cost.

Office overhead is 1.64% of the  
construction cost.

4.30

Note: North Main Street pavement is not included in these computations.

**SUMMARY OF PAVEM**

Street and Limits	District	Width	Type of Surface	Base
Ingalls St.				
N.University to Washington		34		
Washington to Huron.....		30		
Huron to Lawrence .....		34		
*Lawrence to Cornwell ....		32		
*Cornwell to Kingsley .....		30		
Kingsley St.			1 1/2"-1 1/2" Sheet	
*Ingalls to State .....	72	30	Asphalt	6" Concrete
*Geddes Heights				
Geddes Ave N'ly to end....	73	20	Concrete	6" Concrete
§N. Main St. (S. T. L. 65-10)				
End of present pavement				
2694' N'ly to City Limits ...	74		Concrete	7" Concrete
Broadway				
Swift to Moore .....	75	68	Concrete	7" Concrete
Totals .....				

\*—Curb already in  
 §—Cost to date

**Concrete Curb and Gutter**

During the season of 1926, 40,427 feet of combined concrete curb and gutter was built on fifteen different streets at a total cost of \$38,512.44 for an average cost of ninety-five and two-tenths cents per linear foot. The total engineering cost was \$2,344.23 and the total inspection cost was \$924.84, the average engineering cost per foot was .058 and the average inspection cost per foot was .023. The office overhead was \$677.73. A tabulated list of the cost of each district is given below. Mr. C. H. Eldred was the contractor.

Following the custom adopted in 1925, the curb and gutter built this year is of the one course type.

**District No. 72**

Greenwood Avenue, East University Avenue to Packard Street.	
Contract cost .....	\$1,285.71
Replacing sidewalk .....	496.31
Engineering .....	100.35
Inspection .....	53.33
Office overhead .....	25.71

Total cost .....

Total cost .....	\$1,961.41
City's share .....	\$1,296.74

Property owner's share..\$ 664.67  
**District No. 75**

Soule Boulevard; Lutz Ave., Maxwell Avenue, Wakefield Avenue, Elder Boulevard, Eberwhite Boulevard.

Contract cost .....	\$4,686.63
Engineering .....	448.25
Inspection .....	140.47
Office overhead .....	93.73

Total cost .....

Total cost .....	\$5,369.08
City's share .....	\$2,864.73
Property owners' share..	\$2,504.35

**District No. 80**

**Elder Boulevard, Buchanan Ave. to East End.**

Contract cost .....	\$ 854 05
Engineering .....	150.86
Inspection .....	39.40
Office overhead .....	17.08

Total cost .....

Total cost .....	\$1,061.39
City's share .....	574.35
Property owners' share ..	487.04

**District No. 87**

Virginia Ave. and Charlton Ave.

Contract cost .....	\$3,415.56
Engineering .....	190.32
Inspection .....	131.82

**ENTS BUILT IN 1926**

Sq. Yds Pavement	Lin. ft. Curb	Cost of Excavation	Total Cost	City's Share	Property's Share	Total Cost per sq. yd.	Cost pav't per sq. yd.
9,910	3,063	\$2,383.00	\$36,698.94	\$11,358.08	\$25,340.86	\$3.70	\$2.65
1,353		266.00	3,608.17	805.20	2,802.97	2.67	2.30
9,444.7	5,254.3	1,113.60	8,582.23				
2,738.8		1404.00	8,701.12	5,680.52	3,020.60	3.19	2.40
<u>23,446.5</u>	<u>8,317.3</u>	<u>\$5,166.60</u>	<u>\$57,590.46</u>	<u>\$17,843.80</u>	<u>\$31,164.00</u>		

Office overhead .....	68.31	Office overhead .....	47.99
Total cost .....	\$3,806.01	Total cost .....	\$2,680.15
City's share .....	1,955.17	City's share .....	1,425.17
Property owners' share ..	1,850.84	Property owners' share ..	1,254.98

**District No. 91**

Bath Street.

Contract cost .....	\$ 689.91
Engineering .....	63.53
Inspection .....	9.83
Office overhead .....	13.80
Total cost .....	\$ 777.07
City's share .....	397.25
Property owners' share ..	379.82

**District No. 92**

Forest Avenue; Wells Street to Granger Ave.

Contract cost .....	\$1,531.95
Engineering .....	63.65
Inspection .....	33.94
Office overhead .....	30.64
Total cost .....	\$1,660.18
City's share .....	865.99
Property owners' share ..	794.19

**District No. 93**

Miner St., Hiscock St. to Pearl St.

Contract cost .....	\$2,399.52
Engineering .....	193.98
Inspection .....	38.66

**District No. 94**

McKinley Ave.; White St to State St.

Contract cost .....	\$ 646.00
Engineering .....	21.92
Inspection .....	11.31
Office overhead .....	12.92
Total cost .....	\$ 692.15
City's share .....	369.72
Property owners' share ..	322.43

**District No. 95**

Felch St.; Spring St. to Gott St.

Contract cost .....	\$1,913.27
Sewer work .....	59.82
Engineering .....	110.61
Inspection .....	38.65
Office overhead .....	38.26
Total cost .....	\$2,160.61
City's share .....	1,188.07
Property owners' share ..	972.54

**District No. 96**

Geddes Ave.; Oswego St. to the City Limits.

Contract cost .....	\$3,434.04
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Sewer work .....	61.25
Engineering .....	333.74
Inspection .....	135.70
Office overhead .....	68.68
<b>Total cost .....</b>	<b>\$4,033.41</b>
City's share .....	2,150.58
Property owners share ..	1,882.83

**District No. 97**

South Fifth St.; West Madison St. to Davis Ave.	
Contract .....	\$3,089.73
Engineering .....	92.51
Inspection .....	111.99
Office overhead .....	61.79

<b>Total cost .....</b>	<b>\$3,356.02</b>
City's share .....	759.68
Property owners' share ..	2,596.34

**District No. 98**

Cherry St.; Spring St. to Fountain St	
Contract cost .....	\$ 569.46
Engineering .....	29.95
Inspection .....	10.54
Office overhead .....	11.39

<b>Total cost .....</b>	<b>621.34</b>
City's share .....	152.04
Property owners' share ..	469.30

<b>District No. 99</b>	
Gott St.; Miller Ave. to Pearl St.	
Contract cost .....	\$2,831.04
Sewer work .....	18.90
Engineering .....	217.78
Inspection .....	49.20
Office overhead .....	56.62

<b>Total cost .....</b>	<b>\$3,173.54</b>
City's share .....	788.04
Property owners' share ..	2,385.50

**District No. 100**

Fifth St.; Liberty St. to Madison St.	
Contract cost .....	\$2,844.90
Sewer work .....	41.95
Engineering .....	144.35
Inspection .....	48.00
Office overhead .....	56.90

<b>Total cost .....</b>	<b>\$3,136.10</b>
City's share .....	1,594.48
Property owners' share ..	1,541.62

**District No. 101**

West Madison St.; South Seventh St. to Ashley St.	
Contract cost .....	\$3,695.64
Engineering .....	182.43
Inspection .....	72.00

**SUMMARY OF CURB AN**

Street and Limits	District No.
Greenwood Ave.—E. University to Packard St. ....	72
Soule Blvd., Lutz Ave., Maxwell Ave., Wakefield Ave., Elder Blvd., Eberwhite Blvd. ....	75
Elder Blvd.—Buchanan Ave. to E. End .....	80
Virginia Ave. and Charlton Ave. ....	87
Bath St.—Seventh St. to End .....	91
Forest Ave.—Wells St. to Granger Ave. ....	92
Miner St.—Felch St. to Hiscock St. ....	93
McKinley Ave.—White St. to State St. ....	94
Felch St.—Spring St. to Gott St. ....	95
Geddes Ave.—Oswego St. to City Limits .....	96
S. Fifth St.—Madison St. to Pauline Blvd. ....	97
Cherry St.—Spring St. to Fountain St. ....	98
Gott St.—Miller Ave. to Pearl St. ....	99
Fifth St.—Liberty St. to Madison St. ....	100
W. Madison St.—Ashley St. to Seventh St. ....	101

Totals .....

\*—Total Cost includes cost of replacing sidewalk—\$496.31, cost per ft

Office overhead ..... 73.91

Total cost .....\$4,023.98  
 City's share ..... 2,109.43  
 Property owners' share .. 1,914.55  
 In Districts Numbers 97, 98, and 99, the city at large paid for intersections and 20 per cent of the remainder, in the other districts the city paid for intersections and 50 per cent of the remainder.

**Summary of Curb and Gutter**

Contractor, C. H. Eldred, South Bend, Ind.  
 Contract cost .....\$33,837.41  
 Contingencies ..... 678.23

Construction cost .....\$34,565.64  
 Engineering ..... 2,344.23  
 Inspection ..... 924.84  
 Office overhead ..... 677.73

Total cost .....\$38,512.44  
 Engineering amounts to 6.8 per cent of construction cost.  
 Inspection amounts to 2.68 per cent of construction cost.  
 Office overhead amounts to 1.96 per cent of construction cost.  
 Total is 11.44 per cent of construction cost.

**Storm Sewers**

North Main St.; City Limits southerly 1,625 feet.  
 Contract cost .....\$3,725.38  
 Engineering ..... 67.02  
 Inspection ..... 204.26  
 Office overhead ..... 74.51

Total cost .....\$4,071.17  
 Granger Ave.; Golden Ave. to State St.  
 Contract cost .....\$4,215.90  
 Engineering ..... 22.04  
 Inspection ..... 206.66  
 Office overhead ..... 84.32

Total cost .....\$4,528.92  
 Dexter Ave.; Huron St. to Fairview Ave.  
 Contract cost .....\$4,554.31  
 Engineering ..... 82.17  
 Inspection ..... 199.59  
 Office overhead ..... 91.09

Total cost .....\$4,927.16  
 Catherine St.; Glen Ave. to Ingalls St.  
 Contract cost .....\$1,045.50  
 Engineering ..... 23.92  
 Inspection ..... 34.62

**D GUTTER BUILT IN 1926**

Length	Total Cost	City to Pay	Property to Pay	Amount of Contract	Cost per foot	Contractor
1,670	*\$1,961.41	\$ 1,296.74	\$ 664.67	\$ 1,285.71	\$1.17	C. H. Eldred
6,147	5,369.08	2,864.73	2,504.35	4,686.63	88	C. H. Eldred
1,075	1,061.39	574.35	487.04	854.05	99	C. H. Eldred
4,403	3,806.01	1,955.17	1,850.84	3,415.56	87	C. H. Eldred
819	777.07	397.25	379.82	689.91	95	C. H. Eldred
1,761	1,660.18	865.99	794.19	1,531.95	94	C. H. Eldred
3,043	2,680.15	1,425.17	1,254.98	2,399.52	88	C. H. Eldred
520	692.15	369.72	322.43	646.00	1.33	C. H. Eldred
2,257						
10	2,160.61	1,188.07	972.54	1,913.27	95	C. H. Eldred
3,696	4,033.41	2,150.58	1,882.83	3,434.04	1.09	C. H. Eldred
3,820	3,356.02	759.68	2,596.34	3,089.73	88	C. H. Eldred
724						
8	621.34	152.04	469.30	569.46	85	C. H. Eldred
3,457	3,173.54	788.04	2,385.50	2,831.04	92	C. H. Eldred
3,081	3,136.10	1,594.48	1,541.62	2,844.90	1.02	C. H. Eldred
3,936	4,023.98	2,109.43	1,914.55	3,695.64	1.02	C. H. Eldred
40,427	\$38,512.44	\$18,491.44	\$20,021.00	\$33,887.41		

.. C&G only, .88.

Office overhead .....	20.91
<b>Total cost .....</b>	<b>\$1,124.95</b>
Revena Boulevard; Huron St. to Huron St., West Park Sub-Main.	
Contract cost .....	\$2,712.10
Breaking and replacing pavement .....	277.78
Engineering .....	17.59
Inspection .....	80.76
Office overhead .....	54.24
<b>Total cost .....</b>	<b>\$3,142.47</b>
Felch St.; N. Ashley St. to North Main St.	
Contract cost .....	\$1,029.00
Breaking and replacing pavement .....	144.65
Repairing sanitary sewer .....	14.56
Engineering .....	18.81
Inspection .....	46.15
Office overhead .....	20.58
<b>Total cost .....</b>	<b>\$1,273.25</b>
Davis Ave., Greene St. and Hill St.; Davis Ave., Greene St. to South Main St.; Greene St., Hill St. to Davis Ave.; Hill St., Allens Creek	

to Brown St.	
Contract cost .....	\$11,830.67
Engineering .....	83.08
Inspection .....	494.24
Office overhead .....	236.61
<b>Total cost .....</b>	<b>\$12,644.60</b>
Gott St., Hiscock St., Pearl St. and Summit St., Gott St., Summit St. Nly 1,148 feet, Hiscock, Pearl and Summit St., Gott St. to Miner St.	
Contract Cost .....	\$5,827.35
Engineering .....	59.72
Inspection .....	244.92
Office overhead .....	116.55
<b>Total cost .....</b>	<b>\$6,248.54</b>
<b>Summary of Storm Sewers</b>	
Contract cost .....	\$34,940.21
Contingencies .....	436.99
<b>Total construction cost .....</b>	<b>\$35,377.20</b>
Engineering .....	373.85
Inspection .....	1,511.20
Office overhead .....	698.81
<b>Total .....</b>	<b>\$37,961.06</b>

**SUMMARY OF STORM**

Streets and Limits	Size Main	Length Main	Length Inlet Connection	Inlets		
				Regular	Alley	Special
North Main St. ....	20	402	188			
City Limits S'ly 1,625' .....	12	1,239	150	8		
Granger Ave. ....	22	801	476			
Golden to State .....	15	339	484	14		
Dexter Ave.						
Forks W'ly 1,014' .....	12					
Westwood to Fairview .....	12	1,950				
Outlet in Valley 166' .....	24	148				
Run to Glendale 78' .....	15	78	722	25		
Catherine St.						
Glen to Ingalls St. ....	12	603	71	4		
Revena Blvd.						
Huron St. to Huron St. West Park Submain .....	22	547	97	3		
Felch St.—Main to Allen's Creek .....	12	160				
Davis St.—Main to Greene .....	15	243	212	5		
Greene St.—Davis to Hill .....	36	633				
Hill St.—Brown to Allen's Creek .....	30	661				
Gott St.—Summit N'ly 1,148' .....	12	312	563	25		
Hiscock St.—Gott to Miner .....	22	611				
Pearl St.—Gott to Miner .....	15	536				
Summit St.—Gott to Miner .....	12	981	664	20		
<b>Totals .....</b>		<b>10,244</b>	<b>3,627</b>	<b>104</b>		

Engineering amounts to 1.05 per cent of the construction cost.  
 Inspection amounts to 4.26 per cent of the construction cost.  
 Office overhead amounts to 1.97 per cent of the construction cost.  
 Total engineering cost 7.29 per cent of the construction cost.

**Sanitary Sewers**

The 1926 Sanitary Sewer program was very small only two districts being ordered 169 on Beechwood Drive and 170 on Charles Edward and Daniel Sts. Districts 153, 156, 157, 159, 160, 162, 164, 165, and 166 were ordered during the season of 1925 but were completed this year.

**District No. 153**

Arbor View subdivision and Wildwood Park addition No. 1.  
 Contract cost .....\$16,393.07  
 Flushtank connections . 300.00  
 Engineering ..... 533.91  
 Inspection ..... 737.17  
 Office overhead ..... 327.86

Total cost .....\$18,292.01

City's share ..... 2,894.96  
 Property owners' share 15,397.05

**District No. 156**

Maiden Lane.

Contract cost .....\$1,382.93  
 Flushtank connection ... 25.00  
 Engineering ..... 55.48  
 Inspection ..... 34.61  
 Office overhead ..... 27.66

Total cost .....\$1,525.68  
 City's share ..... 36.16  
 Property owners' share .. 1,489.52

**District No. 157**

Madison St. and Soule Blvd.

Contract cost .....\$2,572.16  
 Flushtank connections .. 100.00  
 Engineering ..... 42.91  
 Inspection ..... 66.30  
 Office overhead ..... 51.44

Total cost .....\$2,832.81  
 City's share ..... 167.20  
 Property owners' share .\$2,665.61

**District No. 159**

Oak Crest subdivision.

Contract cost .....\$9,586.37  
 Material furnished by city 7.90

**SEWERS BUILT IN 1926**

Manholes	Total Cost	Amount of Contract	5 per cent Retained	When Due	Contractor
5	\$ 4,071.17	\$ 3,725.38	\$ 184.14		Frank Ryan
7	4,528.92	4,215.90	208.45	10-20-27	John Brogan & Son
13	4,927.16	4,554.31	212.84	9- 1-27	John Baker
5	1,124.94	1,045.50	52.27	9-22-27	John Brogan & Sons
6	3,142.47	2,712.10	135.60	9-22-27	John Brogan & Sons
3	1,273.25	1,029.00	48.34		John Brogan & Sons
12	12,644.60	11,830.67	578.03		Patrick Ryan sublet to R. T. Liddicoat
11	6,248.54	5,827.35	288.36	11- 3-27	R. T. Liddicoat
62	\$37,961.06	\$34,940.21	\$1,708.03		

Repairing pavement . . . . .	173.90
Flushtank connections . . . . .	200.00
Engineering . . . . .	165.22
Inspection . . . . .	184.62
Office overhead . . . . .	191.73
Total cost . . . . .	\$10,509.74
City's share . . . . .	501.38
Property owners' share . . . . .	10,008.36

**District No. 160**

Traver St.; Moore St. to Plum St.	
Contract cost . . . . .	\$3,925.61
Contingencies . . . . .	1.90
Flushtank connection . . . . .	25.00
Engineering . . . . .	104.67
Inspection . . . . .	115.38
Office overhead . . . . .	78.51

Total cost . . . . .	\$4,251.07
City's share . . . . .	127.61
Property owners' share . . . . .	4,123.46

**District No. 162**

Harvard Place, Ridgeway, Highland road and Boulevard Sub-Main.	
Contract cost . . . . .	\$10,749.70
Flushtank connections . . . . .	75.00
Engineering . . . . .	443.39
Inspection . . . . .	479.10
Office overhead . . . . .	214.99

Total cost . . . . .	\$11,962.18
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City's share . . . . .	4,759.02
Property owners' share . . . . .	7,203.16

**District No. 164**

Brooklyn Ave.; Golden Ave. to Packard St.	
Contract cost . . . . .	\$ 967.93
Flushtank connection . . . . .	25.00
Engineering . . . . .	35.49
Inspection . . . . .	18.84
Office overhead . . . . .	19.36

Total cost . . . . .	\$1,066.62
City's share . . . . .	40.68
Property owners' share . . . . .	1,025.94

**District No. 165**

Keech Ave.; Greene St. to South Main St.	
Contract cost . . . . .	\$ 483.68
Engineering . . . . .	99.31
Inspection . . . . .	62.78
Office overhead . . . . .	9.67

Total cost . . . . .	\$ 655.44
City's share . . . . .	35.92
Property owners' share . . . . .	619.52

Owing to the construction of the football stadium which now occupies the grounds formerly known as Fischer Ave., the Fischer Ave. section of this sewer district was not built and the Keech Ave. section was just built to Buffalo St.

**SUMMARY OF SANITAR**

Street and Limits	District	No. of House connections	Length Main	Manholes	Flush tanks	Total Cost
Arbor View Sub'n and Wildwood						
Park No. 1 . . . . .	153	269	10,877	50	12	\$18,292.01
Maiden Lane . . . . .	156	27	1,158	5	1	1,525.68
Madison St.—Eberwhite W'ly 575', Soule E'ly 224', Soule Blvd.—Elder S'ly 453' . . . . .	157	26	1,476	6	4	2,832.81
Oak Crest Subdivision . . . . .	159	181	5,731	20	8	10,509.74
Traver St.—Moore to Plum . . . . .	160	65	2,622	13	1	4,251.07
Ridgeway, Harvard, Highland Rd. and Blvd. Submain . . . . .	162	39	6,292	35	3	11,962.18
Brooklyn Ave.—Golden to Packard . . . . .	164	27	801	2	1	1,066.62
Keech Ave.—Green to Main St.—Fischer Ave. . . . .	165	8	233	2	0	655.44
Mt. Pleasant Ave.—Madison to Manhattan Drive . . . . .	166	21	786	3	1	1,339.37
Beechwood Drive—Chubb Rd. N'ly 659' . . . . .	169	14	687	2	1	1,492.79
Charles, Edward and Daniel Sts. . . . .	170	32	1,458	7	2	2,938.54
<b>Totals . . . . .</b>		<b>709</b>	<b>32,121</b>	<b>145</b>	<b>34</b>	<b>\$56,866.25</b>



**District No. 166**

Mt. Pleasant Ave.; Madison St. to Manhattan Dr.

Contract cost .....	\$1,213.53
Flushtank connection ...	25.00
Engineering .....	38.89
Inspection .....	37.68
Office overhead .....	24.27

Total cost .....	\$1,339.37
City's share .....	37.26
Property owners' share ..	1,302.11

**District No. 169**

Beechwood Drive; Chubb Road Nly 659 feet.

Contract cost .....	\$1,364.90
Flushtank connection ...	25.00
Engineering .....	29.43
Inspection .....	46.16
Office overhead .....	27.30

Total cost .....	\$1,492.79
City's share .....	44.70
Property owners' share ..	1,448.09

**District No. 170**

Charles, Edward and Daniel St.

Contract cost .....	\$2,725.50
Flushtank connections ..	50.00
Engineering .....	50.84
Inspection .....	57.69

Office overhead .....	54.51
Total cost .....	\$2,938.54
City's share .....	152.40
Property owners' share ..	2,786.14

**Summary of Sanitary Sewers**

Contractors District No. 153, John Baker, Kalamazoo, Mich. Districts No. 156, 157, 159, 160, 162, 164, 165, 166, 169 and 170, John Brogan & Sons, Green Bay, Wisconsin.

Work complete 100 per cent.

Contract cost .....	\$51,365.38
Contingencies .....	1,033.70

Construction cost .....	\$52,399.08
Engineering .....	1,599.54
Inspection .....	1,840.33
Office overhead .....	1,027.30

Total cost .....	\$56,866.25
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Engineering amounts to 3.05 per cent of construction cost.

Inspection amounts to 3.51 per cent of construction cost.

Office overhead amounts to 1.96 per cent of construction cost.

Total engineering charge amounts to 8.52 per cent of construction cost.

**Y SEWERS BUILT IN 1926**

City to pay	Property to pay	Amount of Contract	5 per cent retained on Contract	When due	Contractor
2,894.96	\$15,397.05	\$16,393.07	\$ 818.32	9- 1-27	John Baker
36.16	1,489.52	1,382.93	69.14	9-22-27	John Brogan & Sons
167.20	2,665.61	2,572.16	128.60	9-22-27	John Brogan & Sons
501.38	10,008.36	9,586.37	479.31	9-22-27	John Brogan & Sons
127.61	4,123.46	3,925.61	196.28	11- 3-27	John Brogan & Sons
4,759.02	7,203.16	10,749.70	537.48	10-13-27	John Brogan & Sons
40.68	1,025.94	967.93	48.39	9-22-27	John Brogan & Sons
35.92	619.52	483.68	18.02	11- 3-27	John Brogan & Sons
37.26	1,302.11	1,213.53	60.67	9-22-27	John Brogan & Sons
44.70	1,448.09	1,364.90	68.24	9-22-27	John Brogan & Sons
152.40	2,786.14	2,725.50	136.27	10-13-27	John Brogan & Sons
<b>8,797.29</b>	<b>\$48,068.96</b>	<b>\$51,365.38</b>	<b>\$2,560.72</b>		

**Fuller Street Bridge**

The contract for the construction of this bridge was awarded to Price Brothers Incorporated of Lansing, Michigan on August 19th, 1925 and the bridge was opened to traffic on August 23th, 1926.

The bridge is of the reinforced concrete girder type, the girders being curved to give the appearance of an arch. The bridge is 154 feet in length over all and 126 feet between abutments, there are three spans, two end spans of 39 feet each and a central span of 42 feet, the piers are three feet wide. The roadway is twenty four feet in width between curbs, there are two five foot sidewalks. The roadway is paved with a three inch sheet asphalt surface. The railing except the base is made of Indiana limestone.

The contractors are to be complemented on their high class work.

The bridge plans were prepared by your engineering department under the direction of Mr. James H. Cissel, consulting engineer.

An itemized statement of the cost is given below.

Contract cost .....	\$33,544.58
Cement .....	3,528.39
Test holes .....	146.00
Grading approaches .....	241.67
Advertising and contingencies .....	150.02
Lamps .....	5.40
Engineering .....	1,520.22
Consulting engineer .....	741.46
Inspection .....	2,145.00

Total cost .....\$42,022.74

Summary of sewers, pavements, curb and gutter and bridges:

The total cost of sewers, pavements, curb and gutters and bridges built up to and including 1925 is divided as follows:

Pavements .....	\$1,100,704.11
Curb and gutters .....	210,163.86
Sanitary sewers .....	541,550.74
Storm sewers .....	416,669.98
Bridges .....	104,503.97

\$2,373,592.66

The total cost of pavements, curb and gutter, storm and sanitary sewers and bridges is listed below, according to the year of completion:

Prior to	
1900 .....	\$ 176,616 21

1900 .....	28,372.81
1901 .....	3,704.93
1902 .....	36,850.85
1903 .....	34,229.39
1904 .....	5,024.40
1905 .....	18,744.79
1906 .....	12,986.96
1907 .....	34,931.94
1908 .....	10,489.40
1909 .....	11,867.30
1910 .....	33,400.93
1911 .....	82,549.47
1912 .....	20,022.31
1913 .....	54,369.77
1914 .....	51,218.16
1915 .....	51,163.83
1916 .....	57,588.42
1917 .....	58,919.23
1918 .....	66,369.90
1919 .....	60,559.17
1920 .....	152,562.43
1921 .....	120,963.41
1922 .....	184,948.15
1923 .....	191,271.06
1924 .....	394,062.13
1925 .....	195,34.53
1926 .....	224,370.72

Total .....\$2,373,592.66

**General Information**

Number of miles of street in the city .....	63.75
Number of miles of pavement in the city .....	23.34
Percentage of miles of streets paved .....	36.61%
Number of miles of sanitary sewers .....	53 18
Number of miles of storm sewers .....	20.34
Number of miles of curb and gutter .....	38.89

**Population of Ann Arbor**

1860 .....	5,094
1870 .....	7,363
1880 .....	8,061
1890 .....	9,431
1900 .....	14,509
1910 .....	14,817
1920 .....	19,516
1926 .....	25,000
1927 Estimate of population .....	25,500

Five per cents retained paid during 1926.

**Storm Sewers**

Geddes Ave., John Baker, contractor .....	\$ 161.95
Belser St., John Baker, contractor .....	34.31
Wayne St., John Baker, contractor .....	44.65
Felch St., R. T. Liddicoat .....	128.33
Alley Blk. 4S.R4E, Frank Ryan .....	28 11

	17.73	Number	Permits	Total Cost
Chapin St., John Baker ..		Class		
Ann, Catherine and Lawrence Sts., John Baker.	132.40	Dwellings .....	263	\$2,088,400.00
East Summit St., R. T. Liddicoat .....	15.14	Garages .. ..	298	84,585.00
West Summit St., R. T. Liddicoat .....	74.95	Alterations .....	203	207,552.00
Hiscock St., R. T. Liddicoat .....	73.72	Gasoline stations	6	22,800.00
		Stores .....	6	203,000.00
		Ice mfg. plants.	4	25,800.00
		Warehouses .....	4	62,300.00
		Public garages ..	2	26,500.00
		Restaurant .....	1	250.00
		Office & scales.	1	1,000.00
		Stable & wagon building .. ..	1	20,000.00
		Stadium .....	1	700,000.00
			790	\$3,442,187.90
Total .....	\$ 701.29			
<b>Sanitary Sewers</b>				
District 141, Brockman Blvd., Frank Ryan, contractor .....	\$ 73.11			
District 148 Berkshire Rd. Day St., Vinewood, Dorset, John Baker contractor .....	143.99			
District 149, Cedar St., John Baker, contractor .....	34.08			
District 150, Morton Ave. and Shadford road, John Baker, contractor .....	96.39			
District 151, Plum St., John Baker, contractor .....	55.40			
District 152, W. Kingsley St., John Baker, contractor .....	13.39			
Dist 154, Amherst Ave., John Baker, contractor .....	19.68			
District 155, Pauline Blvd. and Hutchins Ave., John Baker, contractor .....	153.89			
District 158, Daniel St., John Brogan & Sons contractors .....	14.49			
District 161, Ferdon Rd. and Brooklyn Ave., John Brogan & Sons contractors .....	118.93			
District 163, Brockman Blvd., John Brogan and Sons, contractors .....	71.68			
District 167, Pine Ridge, John Brogan & Sons, contractors .....	31.98			
District 168, Chubb Road, William Eddy & Son, contractors .....	90.93			
Total .....	\$ 917.94			

### Building Department

During the past year Ann Arbor has been very active in its building operations, although the number of new residences built will not equal that of 1925, the total value of permits issued will be greater than for 1925. The value of permits issued has compared very favorably with that of Michigan cities of much greater population.

The cost to the Engineering Department of handling the Housing Code has been \$452.42.

### Automobiles

The cost of operating the cars used by this department during the year 1926 is listed below:

#### Ford No. 1

196 gallons gas .....	\$ 39.21
37 quarts oil .....	6.64
4 quarts alcohol .....	.65
Maintenance and repair...	133.84
Insurance .....	23.09

Total operating cost....	\$203.43
Miles travelled .....	1,981
Miles per gallon gas .....	10.10
Miles per quart of oil ...	53.50
Operating cost per mile...\$	0.104

#### Chevrolet No. 1

36 gallons gas .....	\$ 7.20
3.5 quarts oil .....	.63
Maintenance and repair...	41.03

Total operating cost ...\$	48.86
Miles travelled .....	404
Miles per gallon gas .....	11.20
Miles per quart of oil ...	115.00

#### Chevrolet No. 8

330 gallons gas .....	\$ 64.76
40.5 quarts oil .....	7.41
8 quarts alcohol .....	1.15
Insurance .....	23.45
Maintenance and repair...	137.70

Total operating cost ....\$	234.47
Miles travelled .....	4,869
Miles per gallon of gas....	14.75
Miles per quart of oil ....	112.00
Operating cost per mile..	\$0.048

#### Dodge No. 2

631 gallons gas .....	\$123.88
41 quarts oil .....	7.38
21 quarts alcohol .....	3.37
Maintenance and repair...	220.44

Insurance .....	18.61
<b>Total operating cost ...</b>	<b>\$373.68</b>
Miles travelled .....	5,354
Miles per gallon gas .....	8.5
Miles per quart of oil .....	130.0
Operating cost per mile...	\$0.0695

**Ford No. 10**

311 gallons gas .....	\$ 60.94
12 quarts oil .....	2.16
11 quarts alcohol .....	1.38
Maintenance and repair...	55.45
Insurance .....	23.08

<b>Total operating cost .....</b>	<b>\$143.01</b>
Miles travelled .....	3,295
Miles per gallon gas .....	10.6
Miles per quart of oil .....	275
Operating cost per mile ..	\$0.0433

**Annual Report of Municipal Garage for 1926**

**Receipts**

Engineering Department	\$ 1,158.24
Fire Department .....	26.58
Health Department .....	829.47
Park Department .....	252.27
Police Department .....	1,178.01
Street Department .....	7,239.96
Water Department .....	1,493.06
Emergency car .....	131.25

<b>Total .....</b>	<b>\$12,308.84</b>
Gasoline tax refund ...	546.28

\$12 855.12

Supplies on hand Jan. 1, 1927 .....	572.22
Budget 1926-1927 .....	600.00

\$14,027.34

**Expenditures**

Supplies and equipment.	\$11,084.27
Mechanic's salary .....	2,225.00
Relief mechanic's salary	135.00
Supplies on hand Jan. 1, 1926 .....	467.08

\$13,911.35

Amount of Receipts over Expenditures .....	\$ 115.99
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**Engineer's Office**

The cost of running your Engineering Department, including all equipment and supplies and all the time devoted to running the department by myself and employees has been distributed as follows:

<b>1. Engineer's Office</b>	
1A. Administration ...	\$ 4,275.64
1B. Accounts .....	116.49

1C. Records .....	1,920.88
1D. Correspondence ...	163.89
1E. Council, Board and Committee meetings .....	682.34
1G. Office supplies ...	447.60
1H. Office equipment..	47.05
1-I. Surveying supplies.	330.19
1J. Surveying equipment .....	196.63
1M. General surveys ..	1,609.51
1N. Sickness and vacations .....	755.48
1-O. Conventions & Society meetings ...	332.11
1Q. Building code ....	452.42
1R. Zoning ordinance..	39.86
1S. General office work	1,218.62
1T. Smoke regulation..	426.03

\$13,014.74

**2. General Equipment**

2A. Ford No. 1 .....	\$ 241.00
2B. Dodge No. 2 .....	350.20
2C. Chevrolet No. 8 ..	225.72
2D. Emergency Car No. 3 .....	92.20
2E. Pump No. 1 .....	30.68
2F. Pump No. 2 .....	9.80
2G. Pump No. 3 .....	28.90
2H. Car No. 10.....	505.99

\$ 1,484.49

**6. Sidewalks**

6A. Sidewalk grades ..	\$ 1,641.80
6B. Sidewalk billing ..	19.12
6C. Sidewalk inspection	710.09

\$ 2,371.01

Total .....

\$16,870.24

**Work for Other Departments**

3A. Assessor's Department .....	\$ 49.63
3D. Park Department.	65.62
3F. Street Department.	90.30
3H. Cemetery ..	184.94

\$ 390.49

**Storm Sewer Maintenance**

Labor .....	\$ 638.35
Supplies .....	1,372.34

Total .....

\$ 2,010.69

**Sanitary Sewer Maintenance**

Labor .....	\$ 2 235.86
Supplies .....	685.96

Total ..

\$ 2,921.82

**Comfort Station**

Janitor's salary .....	\$ 900.00
Supplies .....	640.38

Repairs .....	79.45
<b>Total cost of operation</b>	<b>\$ 1,619.83</b>
<b>Total .....</b>	<b>\$ 6,942.83</b>

**Summary of Expenditures for Office Equipment and Supplies for General Work of the**

<b>Department</b>	
1-A. Administration .....	\$ 49.53
1-C. Records .....	4.00
1-G. Office supplies .....	447.23
1-H. Office equipment .....	40.95
1-I. Surveying supplies .....	321.44
1-J. Surveying equipment .....	102.82
1-M. General surveys .....	7.00
1-O. Conventions and society meetings .....	170.63
1-Q. Building code .....	16.00
1-S. General office work .....	155.83
	<b>\$1,315.48</b>

**Summary of cost for Sanitary and Storm Sewer Maintenance Supplies**

4A. Sanitary sewer maintenance and repair .....	\$ 485.96
4B. Henry Street pumping station .....	241.59
4C. Storm sewer maintenance and repair .....	1,372.34
Storm sewer supplies from City yard .....	75.88
<b>Total .....</b>	<b>\$2,375.77</b>

**Summary of Cost for Sanitary and Storm Sewer Maintenance Labor**

4A. Sanitary sewer maintenance and repair .....	\$2,235.86
4B. Henry street pumping station .....	7.36
4C. Storm sewer maintenance and repair .....	638.35
<b>Total .....</b>	<b>\$2,881.57</b>

**Total Expenditures**

The total expenditure of this department is itemized below:

<b>Services—</b>	
Engineering .....	\$18,340.76
Clerical .....	1,350.00
Inspection .....	5,560.21
Sewer maintenance .....	2,874.21
Sewer foreman salary .....	252.87
Henry St. Pumping Station .....	7.36
Sewer work on construction jobs .....	1,518.79
<b>Supplies .....</b>	<b>13,592.86</b>

**Total expenditures ... \$43,497.06**  
Credits, assessment and construction work.

Engineering .....	\$ 5,025.35
Inspection .....	4,850.12
Sewer work .....	1,518.79
Supplies .....	5,416.43
Office overhead .....	3,168.57
	<b>\$19,979.26</b>

**Total net expenditure out of budget .....** \$23,517.80  
**Budget for 1926 .....** \$30,930.00  
**Expenditure out of budget .....** 23,517.80

**Balance .....** \$ 7,412.20

**Bridge Culvert and Crosswalk Fund**

The total expenditure out of the Bridge, Culvert and Crosswalk Fund by the engineering department is itemized below:

Storm sewer maintenance .....	\$ 2,010.69
Storm sewer construction .....	37,961.06
<b>Total .....</b>	<b>\$39,971.75</b>

**Summary of Monthly Labor Reports**

General work of the department—

<b>1. Engineer's office:</b>	
1-A. Administration .....	\$ 4,226.11
1-B. Accounts .....	116.49
1-C. Records .....	1,916.88
1-D. Correspondence .....	163.89
1-E. Reports .....	682.34
1-G. Office supplies .....	.37
1-H. Office equipment .....	6.10
1-I. Surveying supplies .....	8.75
1-J. Surveying equipment .....	93.81
1-M. General surveys .....	1,602.51
1-N. Sickness and vacations .....	755.48
1-O. Conventions and society meetings .....	161.48
1-Q. Building code .....	436.42
1-R. Zoning ordinance .....	39.86
1-S. General office work .....	1,062.74
1-T. Smoke regulation .....	426.03
	<b>\$11,699.26</b>

**3. Work for other departments—**

3-A. Assessors department .....	\$ 49.63
3-D. Park department .....	65.62
3-F. Street department .....	22.50
3-H. Cemetery department .....	184.94
	<b>\$ 322.69</b>

**4. Sewer work—**  
4-A. Sanitary sewer maintenance and re-

pair .....	\$2,235.86	gutter, Wells to Granger Ave. ....	52.89
4-B. Henry street pump- ing station .....	7.36	417. McKinley Ave. curb and gutter, State St. to White St. ....	18.34
4-C. Storm sewer main- tenance and repair ...	638.35	424. Bath St. curb and gutter .....	47.08
4-D. Sewer foreman sal- ary .....	252.87	425. Harvard Place curb and gutter .....	18.02
	<u>\$3,134.44</u>	427. Broadway pavement	6.52
5. City buildings and structures—		428. Fuller St. bridge ...	8.91
5-A. Comfort station ...	\$ 900.00	430. Harvard Pl. and Ridgeway and Blvd. Sub-Main, Highland Rd. sanitary sewer .....	92.66
5-B. City hall .....	21.68	432. Brooklyn Ave. sani- tary sewer, Golden Ave. to Packard St. ....	12.25
5-G. Municipal garage ..	67.36	433. Granger Ave. storm sewer, State St. to Gol- den Ave. ....	8.65
	<u>\$ 989.04</u>	437. Maiden Lane sanitary sewer .....	46 08*
No. 6. Sidewalks—		449. Dexter Ave. storm sewer .....	76.24
6-A. Sidewalk grades ...	\$1,641.80	454. Mt. Pleasant Ave. sanitary sewer from Madison St. to Manhat- tan drive .....	27.56
6-B. Sidewalk billing ....	12.62	455. Keech Ave. sanitary sewer from Greene St. to Main St. ....	95.10
6-C. Sidewalk inspection .	710.09	459. Madison St Soule Blvd. sanitary sewer ..	25.62
	<u>\$2,364.51</u>	461. Catherine St. storm sewer from Glen Ave. to Ingalls St. ....	16.59
Total general work of the department .....	\$18,509.94	465. Oak Crest Sub sani- tary sewer .....	106.56
<b>Assessment and Construction Work</b>		467. Traver St. sanitary sewer, Moore to Plum St. ....	42.46
325. Arbor View Sub'n and Wildwood Park ad- dition No. 1 Sanitary sewer .....	\$ 175.90	469. Revena Blvd Storm sewer, Huron St. to Hu- ron St. West Park Sub- Main .....	15.95
342. N. Main St. storm sewer, N. City limits to N. line section 20 .....	61.82	471. Felch St. storm sewer Ashley St. to Allens Creek .....	15.55
350. Greenwood Ave. E. University to Packard St., Curb and Gutter..	80.03	474. Grading Daniel St. from Summit St. to Chubb Rd., Walnut St. from Spring St. to Daniel St and Charles St. from Daniel St. to Edward St. ....	142.43
360. Soule, Lutz, Maxwell, Wakefield, Elder Blvd. curb and gutter .....	376.83	475. Allmendinger Heights & So. City limits Sub- Main sanitary sewer ..	177.02
365. Elder Blvd. curb and gutter, Buchanan to Eberwhite, Elder Blvd. Eberwhite to east end.	78.72	481. Ingalls St. & Kings- ley St., pavement ....	215.39
376. Gott St. Hiscock St. Pearl St. and Summit storm sewer .....	52.85	483. Kenwood Ave. curb and gutter, Jackson Ave to Abbott Ave.	8.90
389. E. University Ave. storm sewer, Packard to Monroe .....	31.81		
409. Dexter Ave. pave- ment .....	79.51		
410. Miner St. Curb and gutter, Felch St. to His- cock St. ....	146.15		
411. Virginia Ave. and Charlton Ave. curb and gutter .....	41.24		
413. W. Hoover Ave., curb and gutter, Main to Fifth St. ....	18.78		
415. Fifth St. curb and gutter, Liberty to Madi- son St. ....	124.27		
416. Forest Ave. curb and			

484. W. Madison St. curb and gutter, So. 7th to Ashley St. ....	164.58	sewer, Lulu Court to Fountain St. ....	5.20
485. Felch St. curb and gutter, Spring St. to Gott St. ....	95.61	509. Rose, Henry and Brooklyn Ave. storm sewer .....	33.52
486. Geddes Ave. curb and gutter, Oswego to city limits .....	296.00	510. Beechwood sanitary sewer, Chubb Rd Nly. .	29.43
487. S. Fifth St. curb and gutter, Madison to Davis Ave. ....	92.51	511. Geddes Heights pavement .....	27.85
488. Granger Ave. curb and gutter, Packard to State St. ....	8.64	512. Forest Ave. extension from Washtenaw to Vaughn St. ....	19.25
489. Cherry St. curb and gutter, Spring to Fountain St. ....	16.77	513. Davis Ave. Wilder, Hoover and 5th St. storm sewer .....	2.50
490. Berkshire Rd. curb and gutter, Dorset Rd. to Geddes .....	7.28	514. Vinewood Blvd. storm sewer, Wayne St. Ely 250 feet .....	2.50
491. W. Summit St. curb and gutter, Spring to Brooks St. ....	24.31	515. N. Main St. pavement (S.T.L. No.. 65-10) from end present pavement to the city limits .....	11.79
492. Baldwin Ave. curb and gutter, Cambridge Rd. to Wells .....	39.55	519. Sixth St. curb and gutter, Jefferson to Madison St. ....	2.55
494. Sewage disposal plant	424.36	520. Brooklyn Ave. curb and gutter, Ferdon Rd. to Wallingford Rd. ....	18.61
494-A. Main trunk sanitary sewer .....	201.46	521. Catherine St. curb and gutter, East of Glen Ave. and on Clark St. .	8.67
495. River View Acres sanitary sewer .....	267.76	522. Fountain St. curb and gutter, Miller Ave. and summit St. except portion now curbed and guttered .....	17.36
496. Washington St. curb and gutter, 12th to 14th Sts. ....	50.71	523. Vaughn St. curb and gutter, Packard to E. University .....	1.28
497. Gott St curb and gutter, Miller Ave. to Pearl St. ....	217.78	524. Highland Rd. curb and gutter, Geddes Rd. to Concord .....	5.11
498. Hill, Green and Davis Ave. storm sewer .....	83.08	525. Ann St. curb and gutter, Fifth Ave. to Division St. ....	1.28
499. Highland, Lafayette Rd. storm sewer .....	9.14	526. Seventh St. curb and gutter, Madison to Pauline Blvd. ....	18.94
500. Mosley St. storm sewer, and First and Third St. ....	17.34	527. Catherine St. curb and gutter, Ingalls to Glen Ave. ....	2.53
501. Seneca Ave. curb and gutter .....	14.93	528. Revena, Linda Vista, Wesley St. Harbrooke & Linwood Ave. curb and gutter .....	12.49
502. Hoover, Green and Berkley Ave. storm sewer .....	14.55	530. Wildwood Ave. and Linwood Ave. curb and gutter .....	22.18
503. Fourth Ave. storm sewer, Madison to Packard St. ....	8.19	531. East Park Place from Granger Ave. to Henry St. curb and gutter ...	14.28
504. Eberwhite and Mt. Vernon storm sewer, Elder to Park Dr. ....	14.74	532. Miner St. from N. end of Fred Heusel's property to Pearl St. curb	
505. Fountain St. storm sewer, Felch to Hiscock St. ....	6.71		
506. Fifth St. and Madison St. storm sewer ...	19.22		
507. Daniel, Charles, Edward St. sanitary sewer	50.84		
508. Summit St. storm			

and gutter . . . . .	2.55	424. Bath St. curb and gutter . . . . .	9.83
533. Brooks St. between N. line of Spring Hill Add'n and Chubb Rd. curb and gutter . . . . .	14.28	428. Fuller St. bridge . . . . .	1,239.26
534. Chubb Rd. between W. line of section 20, T2S, R6E and Wildt St. curb and gutter . . . . .	53.56	430. Harvard Place and Ridgeway & Blvd. Sub-Main, Highland Road sanitary sewer . . . . .	217.53
536. Sybil St. between Hoover Ave. & Hill St. curb and gutter . . . . .	6.87	432. Brooklyn Ave. Sanitary sewer, Golden to Packard St. . . . .	18.84
	<u>5,025.35</u>	433. Granger Ave. storm sewer, State to Golden Ave. . . . .	206.66
Sewer Work—		437. Maiden Lane sanitary sewer . . . . .	34.61
409. Dexter Ave. pavement . . . . .	\$1,181.89	449. Dexter Avenue storm sewer . . . . .	199.59
415. Fifth St. curb and gutter, Liberty to Madison . . . . .	41.95	454. Mt. Pleasant Ave. sanitary sewer, Madison St. to Manhattan Dr. . . . .	37.68
481. Ingalls & Kingsley St. pavement . . . . .	118.94	455. Keech Ave. sanitary sewer, Greene St. to Main St. . . . .	62.78
485. Felch St. curb and gutter, Spring to Gott St. . . . .	59.82	459. Madison, Soule Blvd. sanitary sewer . . . . .	66.30
486. Geddes Ave. curb and gutter, Oswego to city limits . . . . .	116.19	461. Catherine St. storm sewer, Glen Ave. to Ingalls St. . . . .	34.62
	<u>\$1,518.79</u>	465. Oak Crest Sub-Sanitary sewer . . . . .	184.62
Inspection—		467. Traver St. sanitary sewer, Moore to Plum St. . . . .	167.31
325. Arbor View Sub'n & Wildwood Park Add'n No. 1, sanitary sewer . . . . .	\$ 273.40	469. Revena Blvd. storm sewer . . . . .	80.76
342. N. Main St. storm sewer, N. City limits to N. line section 20 . . . . .	204.26	471. Felch St. storm sewer, Ashley to Allens Creek . . . . .	46.15
350. Greenwood Ave. E. University to Packard St. curb and gutter . . . . .	53.33	481. Ingalls St. & Kingsley St. pavement . . . . .	150.95
360. Soule, Lutz, Maxwell, Wakefield, Elder Blvd. curb and gutter . . . . .	140.47	484. W. Madison St. curb and gutter, S. 7th to Ashley St. . . . .	72.00
365. Elder Blvd. curb and gutter, Buchanan to Eberwhite Elder Blvd., Eberwhite to East end . . . . .	25.41	485. Felch St. curb and gutter, Spring to Gott St. . . . .	38.65
376. Gott St. Hiscock St. Pearl St. and Summit St. storm sewer . . . . .	244.92	486. Geddes Ave. curb and gutter, Oswego to city limits . . . . .	80.76
410. Miner St. curb and gutter, Felch to Hiscock St. . . . .	38.66	487. S. Fifth St. curb and gutter, Madison to Davis Ave. . . . .	111.99
411. Virginia Ave. and Charlton Ave. curb and gutter . . . . .	40.39	489. Cherry St. curb and gutter, Spring to Fountain St. . . . .	10.54
415. Fifth St. curb and gutter, Liberty to Madison . . . . .	48.00	497. Gott St. curb and gutter, Miller Ave. to Pearl St. . . . .	49.20
416. Forest Ave. curb and gutter Wells to Granger Ave. . . . .	33.94	498. Hill, Green and Davis Ave. storm sewer . . . . .	494.24
417. McKinley Ave. curb and gutter, State to White St. . . . .	11.31	507. Daniel, Charles, Edward St. sanitary sewer . . . . .	57.69
		510. Beechwood sanitary sewer, Chubb Rd. Nly . . . . .	46.16



511. Geddes Heights pavement .....	17.31
	<u>\$4,850.12</u>

Total assessment and construction work .....\$11,394.26

**Summary of Monthly Invoices**

1. General Office Expense—	
1-A. Administration .....	\$ 49.53
1-C Records .....	4.00
1-G. Office supplies .....	447.23
1-H. Office equipment ...	40.95
1-I. Surveying supplies...	321.44
1-J. Surveying equipment .....	102.82
1-M. General surveys ...	7.00
1-O. Conventions and society meetings .....	170.63
1-Q. Building code .....	16.00
1-S General office work..	155.88
	<u>\$1,315.48</u>

2. General Equipment—	
2-A. Ford No. 1 .....	\$ 241.00
2-B. Dodge No. 2 .....	350.20
2-C. Chevrolet No. 8 .....	225.72
2-D. Emergency car No. 3 .....	92.20
2-E Pump No. 1 .....	30.63
2-F. Pump No. 2 .....	9.80
2-G. Pump No. 3 .....	28.90
2-H. Ford No. 10 .....	505.99
	<u>\$1,484.49</u>

3. Work for other departments—	
3-F. Street department ..\$	67.80
4. Sewer work—	
4-A Sanitary sewer maintenance and repair ....	685.96
4-B. Henry St. pumping station .....	241.59
4-C. Storm sewer maintenance and repair ....	1,372.34
	<u>\$2,299.89</u>

5. City buildings and structures—	
5-A. Comfort station .....	\$ 719.83
5-B. City Hall .....	66.69
5-D. Polling places .....	2,197.75
5-H. Bridges .....	18 00
	<u>\$3,002.27</u>

6. Sidewalks—	
6-B. Sidewalk billing .....	\$ 6.50

Total general work of the department .....\$8,176.43

**Assessment and Construction Expense**

345. Fair View Heights sanitary sewer .....	\$ 75.00
350. Greenwood Ave. E.	

University to Packard St. curb and gutter ...	496.31
409. Dexter Ave. pavement .....	212.62
427. Broadway pavement.	36.00
428. Fuller St. bridge ....	2,832.08
465. Oak Crest Sub-sanitary sewer .....	181.80
467. Traver St. sanitary sewer, Moore to Plum St. ....	1.90
469. Revena Blvd. storm sewer, Huron St. to Huron St. West Park Sub-Main .....	277.78
471. Felch St. storm sewer, Ashley to Allens Creek .....	159.21
481. Ingalls St. & Kingsley St. pavement .....	650.71
497. Gott St. curb and gutter, Miller Ave. to Pearl St. ....	18.90
tary sewer .....	328.22
511. Geddes Heights pavement .....	11 00
515. N. Main St. pavement (S.T.L. No. 65-10) from end present pavement to the city limits .	134.90
	<u>\$5,416.43</u>

Total assessment and construction expense .....\$5,416.43

**Total Expenditures**

Services—	
General office expense..	\$11,699.26
Work for other departments .....	322.69
Sewer work .....	3,134.44
City buildings and structures .....	989.04
Sidewalks .....	2,364.51
Assessment and construction work .....	11,394.26
Total .....	<u>\$29,904.20</u>
Materials and supplies—	
General office expense..	\$ 1,315.48
General equipment .....	1,484 49
Work for other departments .....	67.80
Sewer work .....	2,299.89
City building and structures .....	3,002.27
Sidewalks .....	6.50
Assessment and construction .....	5,416.43

Total .....\$13,592.86

Total expenditures ...\$43,497.06

ALL IMPROVEMENTS IN 1927

Location	Improvement	
N. Main St. ....	Storm Sewer	Ryan
Granger Ave. ....	Storm Sewer	John & Sons
Dexter Ave. ....	Storm Sewer	Baker
Catherine St. ....	Storm Sewer	John & Sons
Revena Blvd. ....	Storm Sewer	John & Sons
Felch St. ....	Storm Sewer	John & Sons
Davis, Greene & Hill Sts. ....	Storm Sewer	Pearson, Jr.
Gott, Hiscock, Pearl & Summit Sts. ....	Storm Sewer	sublet Liddie
Arbor View & Wildwood Park No. 1. ....	Sanitary Sewer	Widcoat
Maiden Lane ....	Sanitary Sewer	Baker
Madison St., Soule Blvd. & Elder Blvd. ....	Sanitary Sewer	John & Sons
Oak Crest Sub'n ....	Sanitary Sewer	John & Sons
Traver St. ....	Sanitary Sewer	John & Sons
Ridgeway, Harvard Pl., Highland Rd. and Boulevard Subm'n ....	Sanitary Sewer	John & Sons
Brooklyn Ave. ....	Sanitary Sewer	John & Sons
Keech Ave. ....	Sanitary Sewer	John & Sons
Mt. Pleasant Ave. ....	Sanitary Sewer	John & Sons
Beechwood Dr. ....	Sanitary Sewer	John & Sons
Charles, Edward & Daniel Sts. ....	Sanitary Sewer	John & Sons
Greenwood Ave ....	Curb & Gutter	Eldred
Soule Blvd., Lutz St., Maxwell, Wake- field, Elder & Eberwhite Blvd ....	Curb & Gutter	Eldred
Elder Blvd. ....	Curb & Gutter	Eldred
Virginia & Charlton Ave. ....	Curb & Gutter	Eldred
Bath St. ....	Curb & Gutter	Eldred
Forest Ave. ....	Curb & Gutter	Eldred
Miner St. ....	Curb & Gutter	Eldred
McKinley Ave. ....	Curb & Gutter	Eldred
Felch St. ....	Curb & Gutter	Eldred
Geddes Ave. ....	Curb & Gutter	Eldred
S. Fifth St. ....	Curb & Gutter	Eldred
Cherry St. ....	Curb & Gutter	Eldred
Gott St. ....	Curb & Gutter	Eldred
Fifth St. ....	Curb & Gutter	Eldred
W. Madison St. ....	Curb & Gutter	Eldred
Ingalls & Kingsley Sts. ....	Pavement	Ann Const. Co
Geddes Heights ....	Pavement	Ann Const. Co
N. Main St. (S.T.L. No. 65-10) ....	Pavement	Ann Const. Co
Broadway ....	Pavement	Ann Const. Co
Daniel St. ....	Grading	Ann Const. Co
Fuller St. Bridge ....	Bridge	Pos. Inc.
City Hall ....	Redecorating	Lepps
City Hall ....	Rewiring	Seeler
	Sidewalks	Garhouse
	Sidewalks	Ampson

Total to Jan. 1, 1927 .....

\*—Cost to date.

## EXPENDITURES IN 1926

	Total Cost	Engineer's Estimate	Engineering and Insp.	Cost of Construction	Am't Retained
Ryan	\$ 4,071.17	\$ 4,949.12	\$ 345.79	\$ 3,726.28	\$ 184.14
John & Sons	4,528.92	5,921.74	313.02	4,215.90	208.45
Baker	4,927.16	6,154.66	372.85	4,554.31	212.84
John & Sons	1,124.94	1,181.40	79.45	1,045.49	52.27
John & Sons	3,142.47	3,200.45	152.59	2,989.88	135.60
John & Sons	1,273.25	1,262.20	85.04	1,188.21	48.34
Ryan, Jr.					
subl. T.Liddicoat	12,644.60	12,633.00	813.33	11,831.27	578.03
Liddicoat	6,248.54	7,996.00	421.19	5,827.35	288.36
Baker	18,292.01	21,908.70	1,598.94	16,693.07	818.32
John & Sons	1,525.68	2,554.75	117.75	1,407.93	69.14
John & Sons	2,832.81	3,130.27	160.65	2,672.16	128.60
John & Sons	10,509.74	11,209.66	541.57	9,968.17	479.31
John & Sons	4,251.07	4,877.51	298.56	3,952.51	196.28
John & Sons	11,962.18	11,154.71	1,137.48	10,824.70	537.48
John & Sons	1,066.62	1,679.92	73.69	992.93	48.39
John & Sons	655.44	715.80	171.76	483.68	18.02
John & Sons	1,339.37	2,160.07	100.84	1,238.53	60.67
John & Sons	1,492.79	2,278.32	102.89	1,389.90	68.24
John & Sons	2,938.54	3,859.95	163.04	2,775.50	136.27
Eldred	1,961.41	2,131.25	179.39	1,782.02	
Eldred	5,369.08	6,264.50	682.45	4,686.63	
Eldred	1,061.39	1,321.65	207.34	854.05	
Eldred	3,896.01	4,649.70	390.45	3,415.56	
Eldred	777.07	789.59	86.36	690.71	
Eldred	1,660.18	1,678.32	128.23	1,531.95	
Eldred	2,680.15	3,028.63	280.63	2,399.52	
Eldred	692.15	539.22	46.15	646.00	
Eldred	2,160.61	2,166.17	187.52	1,973.09	
Eldred	4,033.41	3,470.22	538.12	3,495.29	
Eldred	3,356.02	3,723.50	266.29	3,089.73	
Eldred	621.34	763.01	51.88	569.46	
Eldred	3,173.54	3,422.21	323.60	2,849.94	
Eldred	3,136.10	3,014.82	249.25	2,886.85	
Eldred	4,023.98	3,691.87	328.34	3,695.64	
Const. Co.	36,698.94	33,567.16	1,494.56	35,204.38	
Const. Co.	3,608.17	3,408.68	114.81	3,493.36	
Const. Co.	*6,957.68	14,478.25	*11.79	*6,945.89	
Const. Co.	8,701.12	8,939.34	389.89	8,311.23	
Const. Co.	1,330.43	1,716.00	182.75	1,147.68	
os, Inc.	42,022.74	41,845.00	4,406.90	37,615.84	
Lepps	2,749.67				
Beeler	2,955.79				
Waterhouse	5,338.61				
Tompson	2,581.94				
.....	\$246,784.83	\$253,437.32	\$17,597.13	\$215,062.59	\$4,268.75

**CLASSIFICATION OF EXPENDITURES FOR LABOR DURING 1926**

	Engineering	Clerical	Inspection	Sewer Work	Totals
George H. Sandenburgh.....	\$ 4,200.00				\$ 4,200.00
H. R. Scovill .....	2,902.00				2,902.00
C. M. Mast .....		\$ 1,350.00			1,350.00
V. W. McAdam .....	2,250.00				2,250.00
K. W. Donnell .....	1,766.44				1,766.44
C. Preston Witcher .....	896.29		\$ 903.71		1,800.00
Julius Lohrke .....	1,481.81			\$ 258.19	1,740.00
Wm. J. Chambers .....	972.82		656.03		1,628.85
James Coon .....	900.00				900.00
R. F. Jennings .....			806.77		806.77
F. Schmid .....	893.66		720.34	186.00	1,800.00
Jim Acqui .....	824.70			143.40	968.10
Henry Ferenz .....	680.77				680.77
Dorland Howey .....	641.00				641.00
Harold Marquardt .....	634.27				634.27
Geo. Hodgins .....	450.00				450.00
Claude Gregor .....	364.50				364.50
L. E. Cooper .....			328.85		328.85
E. D. Rentschler .....			236.53		236.53
Wm. Couper .....	321.00				321.00
Harold Cleavinger .....	302.25				302.25
Edward Howard .....	302.00				302.00
W. H. Hooper .....	195.00				195.00
Walter Lahde .....	131.28		1,557.61		1,688.89
Ike Warner .....				114.60	114.60
Wm. Wayman .....				98.40	98.40
A. Caranito .....				102.60	102.60
Ben DeFillippi .....				96.00	96.00
Fred Mack .....				63.00	63.00
Tony DeFillippi .....				81.00	81.00
Alex. Jarowski .....	52.80			105.60	158.40
Henry Norgard .....	52.50				52.50
G. J. Burlingame .....	51.00				51.00
M. R. Fuller .....	49.63		350.37		400.00
Paul Minnis .....	32.00				32.00
Gus Manus .....	24.00			61.80	85.80

Geo. Binion .....	24.00	108.00	132.00
Lynn Fry .....	17.50		17.50
James Mason .....	15.93		15.93
E. Holzapfel .....	14.40	100.20	114.60
Owen Murphy .....	12.00		12.00
G. White .....	7.50		7.50
W. S. Housel .....	3.75		3.75
F. Blum .....	2.20		2.20
L. Pommer .....	<b>2.20</b>		<b>2.00</b>
Paul Minnis .....	2.00		<b>2.00</b>
Conrad Von Hofe .....	2.00		<b>2.00</b>
	\$21,475.20	\$1,350.00	\$5,560.21
			\$1,518.79
			\$29,904.20

SUMMARY OF PAVEMENTS IN THE CITY OF ANN ARBOR

District No.	Street	When laid	No. sq. yds.	Total Cost	Total Cost per sq. yd.	Cost per sq. yd. pavement only	Kind
1, 2	Main .....	1898	12,730	\$ 31,375.15	\$2.46	\$1.64	Brick on Concrete
3	Washington, Ashley to 5th Av. . . . .	1899	5,140	11,645.17	2.27	1.73	Brick on Concrete
4	Huron, Ashley to State .....	1900	10,791	27,845.38	2.58	2.17	Asphalt Block on Sand
5	State, Huron to Monroe .....	1902	12,484	31,778.98	2.55	2.16	Asphalt Block on Sand
6	Ann, Main to 4th Av .....	1902	1,589	2,860.70	1.80	1.39	Brick on Sand
7	Liberty, Ashley to State .....	1903	9,140	24,486.06	2.68	2.19	Asphalt Block on Sand
8	Fourth Av., Huron to Liberty .....	1903	2,431	6,490.80	2.67	2.19	Asphalt Block on Sand
9	N. University .....	1905	5,045	10,720.16	2.03	1.63	Brick on Concrete
10	William .....	1907	7,519	19,092.01	2.54	2.03	Bithulithic
11	Alley .....	1908	350	672.74	1.92	1.50	Brick on Concrete
12	Maynard .....	1909	1,883	1,930.13	1.03	78	Ann Arbor Tar-Concrete
13	N. Fourth Av., Huron to Ann. . . . .	1910	1,159	1,351.34	1.17	88	Ann Arbor Tar-Concrete
14	E. Huron and Twelfth .....	1910	6,765	6,685.50	.99	76	Ann Arbor Tar-Concrete
15	Washington, 5th Av. to 12th. . . . .	1910	8,633	8,189.73	.95	71	Ann Arbor Tar-Concrete

16	Washtenaw Av. ....	1911	12,092	12,392.81	1.03	78	Ann Arbor Tar-Concrete
17	State, Packard to Arch.....	1911	2,587	2,672.49	1.03	84	Ann Arbor Tar-Concrete
18	S. Main and Packard.....	1911	20,826	23,172.05	1.11	78	Ann Arbor Tar-Concrete
19	N. Main, Catherine St. north...	1911	10,117	11,110.86	1.10	82	Ann Arbor Tar-Concrete
20	Hill and Oswego .....	1913	5,682	7,726.41	1.36	93	Ann Arbor Tar-Concrete
21	Fifth Av. ....	1911	10,483	11,678.31	1.12	84	Ann Arbor Tar-Concrete
22	Alley .....	1911	293	314.84	1.07	84	Ann Arbor Tar-Concrete
23	Alley .....	1911	920	1,029.38	1.12	77	Ann Arbor Tar-Concrete
24	Arch and Thayer .....	1911	1,833	1,747.35	95	77	Ann Arbor Tar-Concrete
25	State, Monroe to Packard.....	1911	3,158	3,181.57	1.01	78	Ann Arbor Tar-Concrete
26	Mary .....	1912	2,407	2,703.08	1.12	89	Ann Arbor Tar-Concrete
27	Ashley .....	1912	7,711	9,071.92	1.18	91	Ann Arbor Tar-Concrete
28	W. Liberty St.— Ashley to City Limit.....	1913	15,612	20,836.90	1.34	98	Ann Arbor Tar-Concrete
29	W. Huron St.—Ashley to Forks.	1913	14,131	19,257.61	1.36	1.01	Ann Arbor Tar-Concrete
30	Church St.— Washtenaw to Prospect.....	1914	11,832	14,802.93	1.25	98	Ann Arbor Tar-Concrete
31	Hill St.— State to Washtenaw Av.....			Not completed			
32	Ann St.—Main St. to First St...	1915	2,085	2,740.80	1.33	1.02	Reinforced Concrete
33	Jefferston St.— Fifth Av. to State St.....	1915	4,924.2	8,665.40	1.62	1.30	Asphaltic Concrete
34	Division St.— Detroit to Packard .....	1915	14,372.5	24,733.97	1.60	1.29	Asphaltic Concrete
35	Geddes Av.—Oxford to Oswego.	1915	3,273.0	5,431.55	1.66	1.19	Reinforced Concrete
36	Catherine St. & Miller Ave.....	1916	9,596	22,629.31	2.36	1.95	Brick on Concrete Base
37	Alley Blk2S, R3E.....	1918	470	839.29	1.78	1.59	
38	Broadway— Swift St. to M. C. Viaduct....	1919	3,521	14,881.66	4.23	3.55	Brick on Concrete Base
39	Detroit St.— Catherine St. to M. C. Viaduct.	1919 & 1920	7,278.8	31,350.03	4.30	3.37	Brick on Concrete
40	Catherine St.— Fourth Ave. & Detroit St....	1919 & 1920	6,188	26,419.46	4.26	3.37	Brick on Concrete
41	Jackson Av.— Forks to City Limits.....	1919	5,982	19,746.43	3.30	2.38	Asphaltic Concrete
42	Thayer St.—Huron St. to N. University Av. ....	1919	2,528	7,648.54	3.03	2.25	Asphaltic Concrete
43	E. University Av.— Washtenaw Av. to Hill St....	1919 & 1920	9,043	28,928.46	3.19	2.40	Asphaltic Concrete

44	S. University Av.— State St. to Oxford Rd.....	1919 & 1920	11,474	39,182.84	3.41	2.40	Asphaltic Concrete
45	Alley—Blk. 3 S, R 3 E.....	1920	503	1,506.23	3.00		Concrete
46	Alley—Blk. 2 N, R 3 E.....	1921	471	992.57	2.11		Concrete
47	Alley—Blk. 3 N, R 4 E.....	1921	978	1,769.85	1.79		Concrete
48	State St.—Huron to Fuller ....	1922	4,962 3,423	29,923.48		2.51 3.79	Sheet Asphalt Brick
49	Hill St.—Packard to Washtenaw .....	1922	11,806	35,383.57	3.00	2.51	Sheet Asphalt
50	Packard St.—Granger to Lts....	1922	5,602	17,129.92	3.06	2.51	Sheet Asphalt
51	Cross St.—Packard to Division.	1922	811	1,925.32	2.73		Concrete
52	Fourth Av., Liberty to Packard.	1923	4,131.5	16,071.90	3.89	3.24	Sheet Asphalt
53	Geddes Ave.— Washtenaw to Oxford.....	1923	9,641	38,473.48	3.99	3.24	Sheet Asphalt
54	S. State St.—Arch to Granger..	1923	7,007	27,048.30	3.86	3.24	Sheet Asphalt
55	Washtenaw Av.—Oxford to Lts.	1924	4,645	25,270.78	3.65	3.01	Sheet Asphalt
56	S. Main St.—Packard to Lts....	1924	19,221	82,249.37	4.28	3.41	Sheet Asphalt
57	Alley—B 2 S, R 5 E.....	1924	460	1,679.48		3.66R 2.97	Sheet Asphalt Concrete
58	Thompson St.—Liberty to Packard .....	1924	8,094	31,789.39	3.92	3.20	Sheet Asphalt
59	Hamilton Pl.— Williams to Jefferson .....	1924	1,400	6,102.78	4.35	3.20	Sheet Asphalt
60	Alley—Wells to Scott— Lincoln-Martin .....	1924	617	2,229.08	3.61	3.00	Concrete
61	Maynard St.— Williams to Jefferson .....	1924	1,833	6,629.59	\$3.61	3.20	Sheet Asphalt
62	Oak Lane, Austin to Fair Oaks.	1924	422	1,427.41	3.38	2.95	Concrete
63	Observatory St.— Ann to Geddes .....	1924	6,918	27,273.80	3.94	3.20	Sheet Asphalt
64	Huron St.—14th & Ann Sts....	1925	7,509	30,505.95	4.06	3.30	Sheet Asphalt
65	Glen Av.—Huron to Catherine.	1925	2,782	11,311.36	4.07	3.30	Sheet Asphalt
66	W. Washington, Revena and First .....	1925	18,939	67,939.31	3.59	3.10	Sheet Asphalt
67	Ann St.—Glen to Fourteenth...	1925	1,849	7,311.82	3.95	3.30	Sheet Asphalt
68	Forest Ct.—Forest Ely. ....	1925	573	2,375.99	4.14	2.70	Concrete
69	First St.—Huron to Ann.....	1925	\$1,273	4,708.34	3.70	3.30	Sheet Asphalt
70	State St.— widening Huron to Williams.	1925	834	7,587.03		5.20	Brick

71	S. Fifth Av.— Packard to Madison.....	1925	\$1,820	5,059.68	2.78	2.54	Concrete
72	Ingalls and Kingsley Sts. N. University to State .....	1926	9,910	36,698.94	3.70	2.65	Sheet Asphalt
73	Geddes Heights Geddes Av. N'ly to End.....	1926	1,353	3,608.17	2.67	2.30	Concrete
74	N. Main St. S.T.L. No. 65-10 *2694 ft. N'ly to City Limits ..	1926	1,563	8,582.23			Concrete
75	Broadway Swift to Moore .....	1926	2,738.8	8,701.12	3.19	2.40	Concrete
<b>Total .....</b>			<b>428,603.8</b>	<b>\$1,100,704.11</b>			

NOTE: The pavement between the rails of the street car track on Washtenaw Av. and between the rails and for a distance of 18' out on either side of the track on Packard and Main Sts. is of brick on concrete, and is not included in the above statement.

NOTE:—Cement-sand, mortar cushion used on Broadway pavement.

NOTE:—The pavement between the rails of the street car track and for a distance of 18' out on either side of the track on W. Huron St. is of brick on concrete and is not included in the above statement.

Pavement between tracks is not included.

‡Curb and Gutter was in.

\*—Cost to date not included in totals

**SUMMARY OF CURBS AND GUTTERS IN THE CITY OF ANN ARBOR**

District No.	Street and Limits	Year Built	Length	Total Cost	Amount of Contract	Cost per foot	Contractor
1	Lawrence St.— Division St. to State St. ....	1919	1,284.7	\$ 1,000.00	\$ 963.58	\$ 78	Thos. Hessian
2	Oxford Road— Geddes Av. to Hill St. ....	1919	1,273.8	1,071.67	1,019.04	84	Thos. Hessian



3	Forest Av.— Willard St. to Hill St. ....1920	1,118.0	1,416.16	1,341.60	1.26	Thos. Hessian
4	Hill St.— Lincoln to Washtenaw .....1920	1,080.0	1,417.50	1,296.00	1.31	Thos. Hessian
5	Cambridge Road— Lincoln Av. to Baldwin Av...1920	1,412.0	1,841.37	1,694.40	1.30	Thos. Hessian
6	Martin Place— Scott Alley to Wells St. ....1920	997.0	1,244.72	1,196.40	1.24	A. F. Thompson
7	Hill St.— Oswego St. to Berkshire Rd. .1920	1,706.0	2,217.14	2,047.20	1.29	A. F. Thompson
8	East University Av.— Hill to Oakland Av. ....1920	1,186.5	1,481.88	1,423.80	1.25	A. F. Thompson
9	Forest Av.— S. University Av. to Willard..1920	852.0	1,080.00	1,022.40	1.27	Thos. Hessian
10	Sixth St.— Liberty St. N. to End .....1921	1,008.0	1,248.97	1,108.80	1.24	Thos. Hessian
11	Kingsley St. and Ingalls St.— State to Ingalls to Lawrence. .1921	1,668.5	2,050.89	1,835.35	1.23	Thos. Hessian
12	Olivia Av.— Cambridge Rd. to Granger ...1921	3,810.0	4,457.13	4,191.00	1.17	Thos. Hessian
13	Baldwin Av.— Washington Av. to Cambridge.1921	742.5	911.82	816.75	1.23	Thos. Hessian
14	Ferdon Rd. Wells St. to Norway Rd.....1921	475 C&G 254 C	638.98	475.00 127.00	1.08	Sydnae Gustin & Co.
15	Dewey Av.— State St. to Packard St.....1921	2,689.5	2,916.11	2,689.50	1.08	Sydnae Gustin & Co.
16	Lincoln Av.— Hill St. to Wells St. ....1921	3,876.3	4,183.79	3,876.30	1.08	Sydnae Gustin & Co.
17	Elm St.— S. University Av. to Geddes..1921	1,360.0	1,542.22	1,360.00	1.13	Sydnae Gustin & Co.
18	Minerva Rd.— Olivia Av. to Forest Av.....1921	771.5	806.49	771.50	1.05	Sydnae Gustin & Co.
19	McKinley Av.— Packard St. to White St. ....1921	999.0	1,126.38	999.00	1.13	Sydnae Gustin & Co.
20	Prospect St.— Wells St. to E. Univ. Av. ....1921	1,870.0	2,042.96	1,870.00	1.09	Sydnae Gustin & Co.
21	Wells St. Forest Av. to Olivia Av. ....1921	884.0	810.97	724.88	.92	Sydnae Gustin & Co.
22	Granger Av.— Packard St. to Ferdon Rd....1921	4,346.5	3,900.62	3,564.13	.90	Sydnae Gustin & Co.

23	Cambridge Rd.— Baldwin Av. to Washtenaw...1921	705.0	626.52	578.10	.89	Sydnae Gustin & Co.
24	Wells St.— Packard St. to Forest Av....1923	1,284.0	1,286.29	1,158.55	1.00	Mich. Constr. Co.
25	Willard St.— Forest Av. to Church St.....1922	664.0	741.65	635.80	1.12	Mich. Constr. Co.
26	Seventh St., North— Miller Av. to Huron St. ....1922	3,133.0	3,187.93	2,890.85	1.02	Mich. Constr. Co.
27	Seventh St., South— Huron St. to Madison St.....1922	5,389.0	5,742.24	5,103.41	1.06	Mich. Constr. Co.
28	Forest Av.— Cambridge Rd. to Wells St...1923	1,898.0	1,990.22	1,790.95	1.05	Mich. Constr. Co.
29	First St.— Jefferson St. to William St..1922	1,312.0	1,317.89	1,218.05	1.00	Mich. Constr. Co.
30	Third St.— Washington St. to Liberty St..1922	1,118.0	1,131.41	1,051.45	1.01	Mich. Constr. Co.
31	Kingsley St.— Main St. to First St. ....1922	1,069.0	1,093.64	1,013.98	1.02	Patrick Ryan, Jr.
32	Ashley St.— Miller Av. to Felch St. ....1922	2,126.0	2,159.48	2,006.75	1.01	Patrick Ryan, Jr.
33	Maynard St.— William St. to Jefferson St...1922	1,064.0	1,145.40	1,007.55	1.07	Patrick Ryan, Jr.
34	Crest St.— Huron to End .....1922	2,115	2,277.27	2,006.85	1.08	Mich. Constr. Co.
35	White St.— Arch St. to McKinley St ....1922	706(C&G) 218(G)	915.11	780.84	1.12	Patrick Ryan, Jr.
36	Brookwood Pl.— Packard St. to end .....1922	1,042.0	1,081.37	986.45	1.04	Patrick Ryan, Jr.
37	Ingalls St. and Lawrence St.— Catherine St. to Thayer St....1922	1,095.0	1,127.71	1,014.90	1.03	Patrick Ryan, Jr.
38	Washington St. Ashley St. to Revena Blvd...1922	8,156.0	8,749.36	7,707.41	1.07	Mich. Constr. Co.
39	Third St.— Liberty St. to Mosley St. ....1922	4,350.0	4,939.06	4,246.45	1.13	Mich. Constr. Co.
40	Wilmot St.— Washtenaw Av. to Elm St....1922	1,354.0	1,394.08	1,292.85	1.03	Mich. Constr. Co.
41	Murray Av.— Washington St. to Liberty St.1922	1,433.0	1,645.53	1,379.55	1.15	Mich. Constr. Co.
42	Fountain St.— Felch St. to Hiscock St. ....1922	662.0	686.32	633.00	1.04	Patrick Ryan, Jr.

43	Ann St.— State St. to Division St.....1922	1,408.0	1,436.72	1,342.80	1.02	Patrick Ryan, Jr.
44	Forest Av.— Cambridge Rd. to Hill St. ...1922	1,861.0	1,866.61	1,710.20	1.00	Mich. Constr. Co.
45	Division St.— Madison St. to Cross St. ....1922	1,117.0	1,177.19	1,096.98	1.05	Patrick Ryan, Jr.
46	Walnut St.— Geddes Av. to S. Univ. Av. ...1922	1,219.0	1,316.17	1,159.10	1.07	Mich. Constr. Co.
47	Oxford Rd.— Hill St. to Washtenaw Av....1922	1,251.0	1,346.12	1,113.50	1.08	
48	Hill St.— Packard St. to Main St.....1922	3,735.0	3,802.01	3,530.60	1.02	Patrick Ryan, Jr.
49	Michigan Av.— Wells St. to E. Univ. Av.....1922	1,751.0	1,734.53	1,665.99	.99	Patrick Ryan, Jr.
50	Wall St.— Broadway to River .....1923	3,080.0	3,219.85	2,961.70	1.05	Frank Ryan
51	S. Division St.— Cross St. to Hill St. ....1923	530.0	576.81	520.65	1.09	Frank Ryan
52	White St.— McKinley Av. to South End..1923	953.0	1,031.41	972.40	1.08	Frank Ryan
53	Onondaga St.— Hill St. to Dorset Rd. ....1923	646.0	665.54	625.17	1.03	Frank Ryan
54	Thayer St.— Ann St. to Catherine St. ....1923	528.0	560.48	517.70	1.06	Frank Ryan
55	W. Madison St.— Main St. to Ashley St. ....1923	517.0	569.18	515.23	1.10	Frank Ryan
56	Brooks St.— Miller Av. to N. line Spring Hill 1923	5,498.0	5,936.40	5,501.84	1.08	Frank Ryan
57	Washington Heights— Observatory St. to E. End...1923	2,136.0	2,275.04	2,112.96	1.07	Frank Ryan
58	Ingalls St.— Huron St. to Washington St..1923	532.0	692.51	559.16	1.30	Frank Ryan
59	Ashley St.— Jefferson St. to Madison St...1923	1,413.0	1,592.36	1,485.37	1.13	Frank Ryan
60	Moore St.— Broadway to Pontiac St.....1923	945.0	1,040.95	903.00	1.10	Frank Ryan
61	Catherine St.— Division St. to State St.....1923	1,379.0	1,493.22	1,398.32	1.08	Frank Ryan
62	Broadway— Swift St. to City Lts .....1924	8,446.0	9,550.03	8,625.21	1.13	Patrick Ryan

63	Eighth St.— Liberty St. to Huron St. ....	1924	2,702.0	2,797.65	2,526.48	1.04	Patrick Ryan
64	First St.— Jefferson to Madison .....	1924	1,498.0	1,562.95	1,411.22	1.04	Patrick Ryan
65	Ferdon Rd.— Granger to Brooklyn .....	1924	614.0	640.29	551.26	1.04	Patrick Ryan
66	Second St.— Liberty St. to Mosley St. ....	1924	4,531.0	4,669.89	4,294.59	.99	Patrick Ryan
67	Spring St.— Miller Av. to Chubb Rd. ...	1924	6,924.0	7,001.70	6,440.81	1.01	Patrick Ryan
68	East University Av.— Oakland Av. to Packard St...	1924	2,157.0	2,286.69	2,037.23	1.06	Patrick Ryan
69	Linden St. South University to Geddes..	1924	512 C&G 353 G	771.88	698.60	.98	Patrick Ryan
70	Brooklyn Av.— Packard St. to Ferdon Rd...	1924	3,792.0	3,752.90	3,521.28	.99	Patrick Ryan
71	Arbor St.— State St. to Oakland Av. ....	1924	848.0	959.75	874.32	1.13	Patrick Ryan
72	Greenwood Av.— E. Univ. Av. to Packard St...	1925	1,670.0	1,961.41	1,285.71	1.17	C. H. Eldred
73	Revena Blvd.— Washington St. to End .....	1925	3,055.0	2,626.29	2,319.33	.86	C. H. Eldred
74	Fourth St.— Liberty to Madison .....	1925	3,275.0	2,922.87	2,609.56	.89	C. H. Eldred
75	Soule, Lutz, Maxwell and Wakefield and Elder .....	1925	6,147.0	5,369.08	4,686.63	.88	C. H. Eldred
76	Catherine St.— Division St. to Fifth Av.....	1925	1,108.0	991.21	918.97	.89	C. H. Eldred
77	Chapin St.— Huron to Miller .....	1925	1,663.0	1,504.24	1,346.51	.90	C. H. Eldred
78	First St.— Huron to Ann .....	1925	588.0	560.15	471.72	.95	C. H. Eldred
79	S. Fifth Av.— Packard to Madison .....	1925	958.0	902.75	800.06	.94	C. H. Eldred
80	Elder Blvd.— Bucannan to East End .....	1925	1,075.0	1,061.39	854.05	.99	C. H. Eldred
81	First St.— Madison to Mosley .....	1925	838.0	743.68	644.06	.89	Frank Ryan
82	Ashley St.— Madison to Mosley .....	1925	795.0	680.99	611.22	.86	C. H. Eldred

83	First St.— Ann to Miller .....	1925	586.0	561.16	452.84	.96	C. H. Eldred
84	Mosley St.— Main to Third .....	1925	2,179.0	1,891.14	1,671.13	.87	C. H. Eldred
85	Wayne St., Loraine Pl. and Berkshire Rd. ....	1925	3,343.0	2,823.06	2,550.02	.84	C. H. Eldred
86	Summit St.— Beakes to Main .....	1925	2,136.0	1,828.54	1,668.84	.86	C. H. Eldred
87	Virginia Av. and Charlton Av. ....	1925	4,403.0	3,806.01	3,415.56	.87	C. H. Eldred
88	W. Jefferson St.— Main to Seventh .....	1925	4,517.0	4,097.40	3,504.65	.91	Frank Ryan
89	Thayer St.— Huron to Ann .....	1925	642.0	544.86	489.78	.85	C. H. Eldred
90	Pauline Blvd.— Main to Fifth .....	1925		Cancelled			
91	Bath St.— Seventh St. to End .....	1926	819.0	777.07	689.91	.95	C. H. Eldred
92	Forest Av.— Wells to Granger .....	1926	1,761.0	1,660.18	1,531.95	.94	C. H. Eldred
93	Miner St.— Felch to Hiscock .....	1926	3,043.0	2,680.15	2,399.52	.88	C. H. Eldred
94	McKinley Av.— White to State .....	1926	520.0	692.15	646.00	1.33	C. H. Eldred
95	Felch St.— Spring to Gott .....	1926	2,267.0	2,160.61	1,913.27	.95	C. H. Eldred
96	Geddes Av.— Oswego to Limits .....	1926	3,696.0	4,033.41	3,434.04	1.09	C. H. Eldred
97	S. Fifth St.— Madison to Pauline .....	1926	3,820.0	3,356.02	3,089.73	.88	C. H. Eldred
98	Cherry St.— Spring to Fountain .....	1926	732.0	621.34	569.46	.85	C. H. Eldred
99	Gott St.— Miller to Pearl .....	1926	3,457.0	3,173.54	2,831.04	.92	C. H. Eldred
100	Fifth St.— Liberty to Madison .....	1926	3,081.0	3,136.10	2,844.90	1.02	C. H. Eldred
101	W. Madison St.— Ashley to Seventh .....	1926	3,936.0	4,023.98	3,695.64	1.02	C. H. Eldred
Total .....			205,326.0	\$210,163.86	\$189,563.14		

**A SUMMARY OF STORM SEWERS**

Street	Year	Size Main	Length Main	Manhole	Inlets	Inlet Runs	Total Cost	Contractor
Prior to 1900							\$ 26,411.72	
State St., Hill to S. U.	1902	18	1,148	6	16	525	1,667.22	
Ann St., Main to 4th Av.	1902						543.95	
Packard and State Sts.	1905	20	320	1	7	400	361.00	
E. William, Main to Maynard	1905	24	300					
		20	891					
		18	248	6	29		3,014.67	
		15	332					
		10				1,166		
Judson's Sewer	1906	30	305	2	3		855.91	L. Dresselhouse
		15	86				854.50	
Roosevelt Av.	1906							
E. Washington St.	1906	18	1,527					
		15	811					
E. Washington St.	1906	12	297					
		10		9	28	875	3,781.82	L. Dresselhouse
Hill & Washtenaw	1909						653.90	
Washington, East of State	1910		641	3	11	390	563.37	
Ann St. and Alley, B1N,R4E	1911						443.14	
Alley, B3S,R3E	1911						250.92	
Hill St, Oxford to Cambridge	1911						116.87	
Packard St., Hill to Monroe	1911	20	651	2	6	185	868.97	
Hill St., Cambridge to Oswego	1911						340.66	
N. Main St.	1911						207.47	
Mary & Benjamin	1911						884.78	
Church St., S.U. to Washtenaw	1911	18	916	4	15	550	1,291.44	
Arch, White,		4'x4'	1,357					
McKinley & Packard	1911	12	270	2	8	80	3,422.95	

Other Storm Sewer Work .....	1911					1,552.01	
Church St., S.U. to Roosevelt ...	1912	20					
		15	1,933				
			221	7	20	650	2,776.43
Willard St., Church W'ly .....	1912		144	1	2	28	168.53
W. Liberty, Alley W. of Ashley..	1912	12	85		2	20	63.99
Ashley, for pavement .....	1912						267.00
W. Huron St., Creek to Fork....	1913		3,435	12	28		4,483.12
W. Liberty St., Creek to City Lts..	1913		3,773	14	26		4,077.47
W. Liberty St., Cor. First St. ....	1913				9		103.46
E. Washington, 12th to 14th ...	1913		280	1	2		439.95
Cambridge Rd., Forest to Lincoln.	1914		987	6	20	741	2,397.22
W. Jefferson St. 2nd to 3rd.....	1914		339	1	10	446	1,095.62
N. Division St. Detroit to Ann ...	1914		1,480	7	20	780	2,309.81
Madison, Division & Jefferson ..	1915		1,975	12	24	752	3,646.17
E. Jefferson, 5th Av. to Ham. Pl..	1915		274	3	6	173	506.23
Alley, North of Liberty St. ....	1914				1	58	33.84
Alley, South of Ann St. ....	1914				1	43	59.64
Geddes Ave., Linden to Blvd ...	1915		854	4	8	186	1,056.21
Division St. at Liberty .....	1915		95	1	1	205	253.70
Edwin & McKinley .....	1916		1,330		7	110	6,447.94
Glen Av., Washington to River...	1916		2,201	21	27	1,134	13,350.33
Miller Av., Creek to Brooks ....	1916		2,124	12	28	986	7,410.60
Miller Av., Inlets for pav't .....	1916			2	11	130	159.45
Small extension and inlets .....	1915				13	500	434.01
W. Jefferson St., 3rd to 6th .....	1917		971	4	17	605	2,027.85
W. Madison St., 1st. to 4th .....	1917		990	6	12	544	2,766.86
Arch St., Packard to Oakland ...	1917		375	3	6	195	674.42
State St., Edwin to Dewey, Dewey							
Av., State to Packard .....	1917		2,824	16	22	545	12,448.71
S. University, State to E. U. ....	1917		780	7	6	94	1,510.87
Cambridge Rd., Lincoln to Bald-							
win. Baldwin Av. Cambridge to							
Washtenaw .....	1917		1,123		20	531	4,133.03
Alley, B2N,R4E .....	1917				3	250	253.43
Washington & 14th Sts. ....	1918		824	5	10	320	3,913.58
Gott St., Miller to Summit .....	1918		1,224	5	14	514	5,663.73
Catherine, Main to Alley .....	1918		119	2	1	13	713.01
Hoover at Hoover Ball Co. ....	1918		191	1	3	84	694.07
Jackson Ave., Huron to City Lts..	1919		1,814	12	12	513	3,879.18
Catherine St., Main to 5th Av. ...	1919		495	6	10	418	2,248.80

Detroit St., Kingsley to 5th Av....	1919	327	3	14	445	1,634.47	Wm. Eddy & Son
Broadway, River to Swift .....	1919	210	3	7	248	1,016.12	Wm. Eddy & Son
E. University Av. S.U. to N.U....	1919	966	4	8	298	2,482.86	Wm. Eddy & Son
S. Un iver. Av., Linden to Oxford.	1919	654	2	6	210	1,245.91	Wm. Eddy & Son
Hill St., Church to E. U. ....	1919	286	1	4	200	796.43	Wm. Eddy & Son
Dexter Av., at end of pavt. ....	1919	50				100.33	City Force Acc't.
Fourteenth St., Huron to Wash...	1920	268	1	2	24	926.89	Wm. Eddy & Son
Hill St., Church to Lincoln .....	1920	1,238	5	9	286	2,909.45	City Force Acc't.
Alley, B3S, R3E .....	1920	300	3	3		489.36	City Force Acc't.
N. State St., River to Huron .....	1921	24					
		1,702					
		30					
Fuller St., State to Elizabeth ...	1921	12	9	22	594	15,025.06	City Force Acc't.
E. Kingsley & Ingalls .....	1921	12	2	6	174	965.53	City Force Acc't.
Granger, Golden and Olivia .....	1921	12	4	15	352	2,315.21	City Force Acc't.
		24					
		30					
		39					
Packard St., Granger, SE'ly .....	1921	12	10	20	558	14,782.75	City Force Acc't.
		15					
		382	3	6	145	1,589.82	City Force Acc't.
Hill St., Oswego to Onondaga...	1921	12	3	4	68	1,114.63	City Force Acc't.
Kingsley & Alley B3N,R4E .....	1921	12					
		15					
		176					
		18					
Sixth St., Creek to Liberty .....	1921	12	9	4	145	2,697.31	City Force Acc't.
Seventh St., Creek to Madison...	1921	15	2	4	82	702.30	City Force Acc't.
		18					
		638	4	6	146	3,794.89	Wm. Eddy & Son
Alley, B2N, R3E .....	1921	12	2		76	685.58	Wm. Eddy & Son
Depot St. ....	1921	42					
Fifth Av. ....	1921	30	9	27	804	20,565.77	Wm. Eddy & Son
Beakes St. ....	1921	15					
Fourth Av. ....	1921	12					
Wells St., Olivia to Lincoln.....	1921	20	3	6	193	1,804.20	Sydnae Gustin Co.
Cambridge Rd. ....	1921	15					
		22					
		361	3	4	90	1,948.23	Sydnae Gustin Co.
Golden Av. & Woodlawn .....	1922	42					
Packard St. & Wells .....	1922	42	10	11	376	30,860.87	Bartling & Dull
Wells & Forest to Cambridge ...	1922	48					
		1,268					
Brooks St., Miller to Hiscock ...	1922	22	8	10	222	4,821.69	Patrick Ryan, Jr.
Brooks St.,		18					
		225					
N. of Pearl to Hiscock .....	1922	15					
N. of Pearl to end S Hill .....	1922	12					
		500					



Fourth Av., Alley to Wash. ....	1922	12	134	1				325.94	City Force Acc't.
Broadway, Creek to Jones .....	1922	12	370	2	6	300		777.28	City Force Acc't.
S. Division and Cross Sts. ....	1922	12	613	3	7			1,092.39	City Force Acc't.
Onondaga, Hill, S'ly .....	1923	12	180	1	2	27		429.25	Wm. Eddy & Son
Wash. Av., Oxford to Baldwin..	1923	22	150	3	4	63		5,299.20	Patrick Ryan
Wash. Av., Cambridge to Fer. ...	1923	12	225	2	8	350			
Wash. Av., Wayne to Fair Oaks .	1923	15	103	2	4	136			
Wash. Av. Berkshire to Old Lts..	1923	12	563	3	12	320			
Wash. Av. Outlets .....	1923	12	310						Patrick Ryan
Forest Av., Hill to Wash. ....	1923	36	2,222	9	13	260	22,604.00		Wm. Eddy & Son
Forest Av. at Washtenaw .....	1923	30	37						
S. State., Dewey to Blvd Dr. ...	1923	12	380	2	3	130	1,077.59		Patrick Ryan
Oakland Av., Hill St. N'ly .....	1924	24	513	1	2	35	3,378.57		Frank Ryan
Jefferson St., 2nd to Creek .....	1924	27	750	5	4	130	5,838.60		Frank Ryan
Second St., Jefferson N'ly.....	1924	12	372	2	2	53	972.81		Frank Ryan
Fourteenth St., Belser to Volland.	1923	15	454	6	11	253	3,284.93		Patrick Ryan
Camden & Geddes .....	1923	12	831						
S. Main & Jefferson .....	1924	12	414						R. D. Ballew
S. Main, Davis to Hoover .....	1924	22	276						
S. Main Pauline to Hoover .....	1924	20	337						
S. Main, Madison to Mosley .....	1924	15	456						
S. Main, Hill to Mosley .....	1924	12	436						
S. Main, Outlet at Davis .....	1924	27	48						
		18	37						
S. Main, Fischer to Berkley .....	1924	12	329						
S. Main Outlet at Berkley .....	1924	18	38						
S. Main, Outlet at Madison .....	1924	18	131	12	29	1,335	11,005.01		R. D. Ballew
Davis Av., Main W'ly to angle ...	1924	20	305	2	1	18	1,211.22		City Force Acc't.
Broadway, Jones to Cedar Bd. ...	1924	12	1,691	9	13	272			
Broadway, Traver Cr. to Moore .	1924	20	720						
Moore St., Broadway to Traver..	1924	15	228	3	5	172			
Moore St., Traver to Cedar .....	1924	12	329	1	1	16			
Cedar St., Moore to Wright .....	1924	12	340	3	9	145	10,625.06		Wm. Eddy & Son
Seventh St., Cr. to Washington ..	1924	15	197						
		18	250						
Washington St., 7th to Crest ...	1924	15	665						
		18	593						
Crest Av., Washington St. S'ly ...	1924	12	318						
Third St., Creek to Krause .....	1924	12	521	12	23	1,285	9,503.44		Frank Ryan
Ann St., Glen to Observatory ...	1924	12	370						

	15	851	6	11	270	3,419.49	Frank Ryan
Spring St., Hiscock to Sub N'ly..1924	12	169					
Spring St., Sub to Summit St. ...1924	24	434					
Spring St., Summit N'ly .....1924	12	750					
Spring St., Miller Av. to Cherry..1924	12	605					
Sub. Daniel St. to Spring St. ....1924	22	360	11	6	145	7,667.90	R. T. Liddicoat
Cambridge Rd. Wash. to Day ..1924	15	446					
Day to angle near Wayne .....1924	22	426					
To Valley on Wayne .....1924	18	335	8	10	250	5,379.02	Frank Ryan
Felch St., Allens Cr. to Spring...1924	22	250					
	15	460	3	8	197	2,702.82	R T. Liddicoat
Felch St., Spring to Fountain ...1924	15	420					
Felch St., Miner to Fountain ....1924	12	445	3	8	330	2,694.97	R. T. Liddicoat
Adams Av., Hill St. to angle .....1924	12	107	1	2	25	216.52	City Force Acc't.
S. Univ. Av., Wash. to Walnut ..1924	27	386					
S. Univ. Av., Linden to Walnut..1924	22	401					
Walnut St., S. U. to Geddes .....1924	15	718					
Elm St., S.U. to Wilmot .....1924	12	570	12	9	177	7,330.35	Frank Ryan
Thompson St., Pack. to Cheever..1924	18	350					
	12	222	4	13	520	2,661.30	A. A. Asphalt Co.
Cambridge Rd., Hill St. S'ly ....1924	12	300	1	2	28	605.88	Frank Ryan
Alley, B4S R4E .....1924	12	213	2	1		661.69	Frank Ryan
Geddes Av., Outlet to Awixia ...1925	24	24					
Geddes Av., Awixia to Lenawee..1925	18	382					
Geddes Av., Lenawee to Oswego..1925	12	1,106	10	18	401	3,603.87	John Baker
Belser St., 14th St. E'ly 250' ....1925	15	250					
Belser St., 15" to Observatory..1925	12	366	1	2	34	748.02	John Baker
Wayne St., Wash. to Vinewood ..1925	12	523	2	5	188	1,040.66	John Baker
Summit St., Spring to Lulu Ct. ...1925	24	207	3	2	57	1,592.06	R. T. Liddicoat
E. Summit St., Main E'ly .....1925	12	104	1	2	43	355.90	R. T. Liddicoat
Chapin St., W. Park to Miller ..1925	12	275	2	2	21	388.64	John Baker
Ann St., Catherine, Lawrence ..1925							
From State to Ingalls .....1925	12	1,554	5	18	647	2,971.70	John Baker
Hiscock St., outlet to Drain .....1925	18	311	2	4	56	1,351.65	R. T. Liddicoat
North Main St. ....	20	402					
City Limits S'ly 1625' .....1926	12	1,239	5	8	338	4,071.17	Frank Ryan
Granger Ave	22	801					
Golden to State .....1926	15	339	7	14	960	4,528.92	J. Brogan & Sons
Dexter Av., Forks W'ly 1014'	12						
Westwood to Fairview .....	12	1,950					

Outlet in Valley 166' .....	24	148									
Run to Glendale 78' .....1926	15	78	13	25	722	4,927.16	John Baker				
Cath. St., Glen to Ingalls .....1926	12	603	5	4	71	1,124.94	J. Brogan & Sons				
Revena Blvd., Huron St., to W.											
Park Sub-main .....1926	22	547	6	3	97	3,142.47	J. Brogan & Sons				
Felch St., Main to Allen's Cr...1926	12	160									
	15	243	3	5	212	1,273.25	J. Brogan & Sons				
Davis St., Main to Greene .....	30	633					Patrick Ryan				
Greene St., Davis to Hill .....	36	661					Sublet to				
Hill St., Brown to Allen Cr...1926	12	312	12	25	563	12,644.60	R. T. Liddicoat				
Gott St., Summit N'y 1148' .....	22	611									
Hiscock St., Gott to Miner .....	15	536									
Pearl St., Gott to Miner .....	12										
Summit St., Gott to Miner .....1926	12	981	11	20	664	6,248.54	R. T. Liddicoat				
<b>Total .....</b>		<b>107,397</b>	<b>531</b>	<b>1,109</b>	<b>33,853</b>	<b>\$416,669.98</b>					

**SUMMARY OF SANITARY SEWERS IN THE CITY OF ANN ARBOR**

District No.	Street	Date	Total Length of Main	No. Manholes	No. Flushtanks	No. Lightholes	8" Tile	10" Tile	No. of House Connections	Length of House Con.	Flush Tank Changed to Manhole	Total Cost
	Main Sewer .....	1893	16,915	61				24"				
								9,150				
							15"	18"				
					0	0	6,445	1,320	120			\$ 41,252.83
1	Liberty, E. of main sewer ....	1894	2,790	9	1	4	6,445	2,555	82			3,954.44
2	Washington, E. of main sewer .	1894	3,162	13		2	235	2,927	97			6,831.08
3	Hill St. dist. E. of main sewer.	1895	681	1	1		681		20			27,912.80
4	Huron, E of main sewer.....	1895	3,900	15		6	300	3,600	33			4,303.19
5	William, E of main sewer ....	1895	2,799	14		4	345	2,454	58			8,454.98
6	Detroit .....	1897	300	1			345	300	5			12,587.00
7	W. Liberty, to near Seventh .	1897	1,804	5		5	1,804		66	998		1,887.84

8	E. Catherine, Division to State..1900	631		1	1	631		22	256	527.43
9	Ann, Huron, 13th and 14th...1901	1,370	4	2		1,370		50	988	2,163.46
10	14th and Volland .....1901	1,266	3	1		1,266		35	630	1,541.47
11	First, Madison to Jefferson...1903	918	3	1		613	305	27	508	1,169.51
12	W. William St. ....1903	1,527	4			583	344	40	678	2,083.02
13	Beakes, 4th Av., Fifth Av., Kingsley .....1904	4,204	8	7		2,706	1,498	137	2,316	5,024.40
14	N. Main, main sewer to Cath..1905	1,393	3	2		1,393		69	1,444	2,322.48
15	Camb., Wash., Vinewood, Fer..1905	1,487	4	2		1,487		28	707	1,735.64
16	W. Lib. ext. to City Lts. ....1906	1,352	3	1		1,352		40	726	1,265.68
17	3rd., William to Jefferson .....1905	602	1	1		602		19	328	590.84
18	W. Huron .....1906	3,509	8	1		2,942	567	102	2,066	4,111.52
19	Church .....1906	444	1	1		444		22	376	574.76
20	Miller Av. ....1906	2,224	9	1		1,737	487	57	987	2,147.27
21	Spring, Miller to Hiscock ....1907	1,252	4			688	564	*32		1,070.92
22	W. Washington and 3rd .....1907	2,834	8	2		2,834		*88		2,369.03
23	S. Division (note) .....1906	200		1		200		8	160	250.00
24	Geddes Av. Hill and Oswego..1907	1,730	5	2		1,730		*30		1,530.50
25	State and Dewey Av. ....1907	3,134	3	2		2,882	242	*88		2,186.57
26	Broadway and Wall St. ....1907	5,682	20	2		3,571	2,111	*143		4,989.01
27	Second Ward .....1908	11,470	24	13		3,540	1,930	*337		8,035.98
28	Belser, Observatory, Volland.1907	2,380	4	3		2,380		*39		1,895.50
29	Spring St. extension .....1908	896	3	1		896		*26		632.32
30	E. Catherine and Clark .....1908	1,498	3	2		1,498		*38		1,148.36
31	Fuller and Elizabeth .....1907	1,080	2	2		1,080		*22		943.60
32	S. Main, Mosley, Ashley .....1909	3,679	8	3		3,108	571	*98		2,229.03
33	Arch, White, McKinley .....1909	1,458	3	2			1,458	*58		513.49
34	Packard, Granger, Ferdon ...1909	10,128	27	7		7,030	3,098	*376		6,300.06
35	Second, William to Liberty ...1909	321		1		321		*12		240.69
36	N. Fifth Av. and E. Summit..1910	891	2	2		891		*27		741.30
37	Cambridge, Washtenaw to Hill.1910	1,200	3	2		1,200		*34		911.39
38	Hill, Division to Main .....1910	1,320	3	1		1,320		*40		1,037.00
39	Fuller, Glen to State .....1910	1,197	3	1		1,197		*19		815.93
40	Ashley, Kingsley to Ann.....1910	771	2	1		771		*30		667.77
41	Felch, Fountain, Hiscock, Chapin and Cherry .....1910	4,070	8	6	4	3,328	742	*122		3,229.79
42	N. Main, Summit to A.A.R.R...1911	651	2	1		651		17	230	680.14
43	4th Av., Beakes to Summit ...1911	869	2	1		869		*31		646.55
44	Depot, 4th Av. to Main.....1911	335		1		335		*9		204.26
45	White and McKinley .....1911	345	1	1		345		*18		247.32

46	Olivia Av. and Minerva Rd....1911	733	2	1		733			*29			538.53
47	E. Ann, Glen to Ingalls.....1911	655	1	1		655			*28			532.71
48	Murray Av. Wash. to Liberty..1912	724	4	1	1	738			27	350		1,009.62
49	Olivia Av. N. of Minerva Rd...1912	157		1	1	166			8	102		301.02
50	Myrtle, Oswego to City Limits.1912	651	1	1	1	668			17	370		1,795.69
51	Summit St., Main to Spring...1914	1,295	5	1	1	1,302			*41			1,158.57
52	Hiscock St., Fountain to Miner.1913	372		1	1	378			*14			318.41
53	Crest Av. and W. Wash. ....1914	1,774	4	3	3	1,798			66	1,006	1	2,432.81
54	W. Liberty to City Limit .....1913	464	1	1	1	472			24	382	1	1,101.54
55	Austin Av. and Wash. Av. ....1914	2,486	9	2	2	2,494			*78			3,862.29
56	Third Ward, Washtenaw Av...1914	7,186	22	8	8	6,832	430		*244			7,655.78
57	Geddes Av., Oswego to 210' E..1914	276		1	1	281			6	80	1	574.29
58	W. Huron to end of pavt ....1913	75		1	1	82			3	12	1	187.06
59	Ann St., Clark to Observatory.1913	610	1	1	1	614			*18			765.61
60	Brown St., 4th Av. & Philip St..1914	2,551	7	3	3	2,576			*93			2,902.70
61	E. Catherine, Detroit & 4th...1914	2,622	9	4	4	2,626			73	1,326		4,863.19
62	E. Catherine, Clark to 100' E.1914	101		1	1	104			*5			155.14
63	Sixth, Seventh and Eighth St..1914	3,146	12	5	5	696 C.I.						
						2,372 T.			88	1,330		4,658.28
64	Third, Fourth & Fifth Sts.....1914	647	1	3	3	36 C.I.						
						628 T.			*31			750.98
65	Packard St. ....1914	428	1			428			*11			271.15
66	First St., Catherine to Ann....1914	225		1	1	231			*10			423.80
67	Moore St., Broad. to Pontiac...1914	545	2	1	1	546			*16			634.22
68	Seventh, Bath and Willow....1915	4,523	21	6		3,735	788		*77			3,593.14
69	Mosley St., Second to Third ...1916	250		1	1	222			*14		1	250.63
70	West St. from Main St. W....1916	552	3	1		504			*24			622.18
71	Roosevelt Av. Church to For...1916	222		1		204			*9			204.92
72	Hamilton, Rose & Sheehan Ad.1917	10,297	33	9		6,014	3,661		*311			16,293.03
	Olivia Av. from Wells St. N...1915	188		1	1	188			*6			150.21
73	Eber White Addition .....1916	1,766	10	2		1,670			48	1,064		2,663.82
74	Lincoln St., 4th Av. to Main ..1916	564	2	2		524			*20			640.89
75	Hill, Onondaga, Geddes, Berk- shire .....1917	1,366	6	2		1,312			*27		1	2,499.17
76	Washington St., 12th to 14th..1917	646	3	1	2	12C.I. 250						
						340VT. 15"			*22			862.93
77	John K. Av., and First St. ....1916	995	4	2		923			*36			1,082.34
78	Fifth St., south of Madison....1916	882	3	1		806			*38			874.80
79	Hiscock St., Summit to Spring1916	1,080	6	1		1,002			*39			1,251.27
80	Seventh St., Liberty to Jeffer..1917	1,374	6	2		1,310 V.T.						

				12 C.I.	*26			1,204.50
81	Wells St., Baldwin to Ferdon..1917	368	3	1	336			485.85
82	Packard and Brooklyn .....1917	3,307	11	2	3,073	*117		4,165.25
83	Eighth St., Huron to Wash....1917	210		1	198	*6		339.01
84	Killins Heights Add. ....1917	5,324	14	8	4,932	*196		7,218.53
85	Eber White and Soule Blvd....1917	1,144	7		1,082	*31		2,035.79
86	West Hoover Av. ....1918	447	4		415	*16		990.66
87	Ninth St., Huron St. south ...1918	216		1	200	*8		309.14
88	Jackson Ave., forks to limits..1919	1,945	7	1	1,945	65	126 1	2,401.97
89	Jones and Mill Sts .....1920	530	2	1	530	*7		1,233.00
90	Berkshire Rd. and Orchard St.1920	880	4	1	880	20		2,534.09
91	E. Hoover Av. ....1920	355	1	1	355	10		711.25
92	Edward St. ....1920	240	2		240	*5		526.37
93	Seventh St., Wash. to Huron..1919	146	1		146	2	2	303.79
94	Boulevard Dr. ....1919	1,017	5		1,017	1		2,215.81
	Dexter Av. ....1919	168	1		168	2	24	101.00
95	Pauline Boulevard .....1920	216	1		216	8	1	687.71
96	Fifth Av., South Madison...1920	250	3		250	1		632.99
97	Day St., Cambridge to Wayne..1920	556	4		556	1		1,609.73
98	Soule Blvd., Maxwell to Elder.1921	494	3	1	466	14		1,426.88
99	Elder Blvd., Buch. to Soule ..1921	690	2		648	21		1,629.16
100	Lutz Av., Elder to Eberwhite..1921	310	2		284	13		890.34
101	Pontiac Rd., Moore to C. Lts..1921	2,589	10	1	2,431	79	1	6,672.31
102	Onondaga, Hill to Dorsat ....1921	359	2		347	6		957.41
103	Seventh St., Madison to Davis.1921	1,412	4		1,310	51	1	3,545.36
104	Day St., Wayne to Berkshire..1921	416	2		390	13		989.31
105	Morton Av., Packard to Bald..1921	1,068	6		1,000	34		2,336.57
106	Dexter Av., pav't w 450' .....1921	454	3		430	12		1,153.58
107	Woodlawn Av., Pack. to Ingalls1921	921	3	1	841	40		1,516.29
108	Sylvan Av., Packard to White.1921	700	4	1	646	27		1,057.81
109	Dexter Av., extension 300'....1921	300	2		280	10		770.84
110	Shadford Rd. Pack. to Bald...1922	794	2		742	26		1,557.65
111	Wash. Hgts. Obser, to River ..1923	2,216	10	1	1,206	26	1,010	3,876.70
112	Miller Av., W. Park sub main..1923	813	3		12"			
					439		374	1,002.51
113	John St., Division to 5th Av...1923	464	2	1	432	16		754.48
114	Vinewood Blvd. Wayne to City Limits. ....1923	490	2		466	12	1	875.52
115	Dexter Av., 9plus25 to C. Lts...1923	1,137	5		1,069	34		3,950.10
116	Charlton Av., Virginia, W ....1923	420	2		392	14		605.33
117	Abbott Av., Virginia, W.....1923	414	2		388	13		588.73

118	Krause St., Murray to Third..1923	445	2	1	411	17		908.57
119	Henry St., Golden to Packard.1923	2,443	8	1	2,443	72		14,798.70
	§Wildwood Av., Dexter N.....1923	265		1				450.00
	University Relief .....	15"				15"		
		569	2			569		4,607.69
120	Davis, Wilder, Hoover, Fifth..1923	2,128	10	2	2,128	56	786	5,949.94
121	Third St., Wash. to Huron.....1923	248		1	248	4	16	564.60
122	Grand View Drive .....	402	1	1	402	11	106	1,237.94
123	Medallion St. ....	325		1	325	7	96	1,020.46
124	Maxwell & Wakefield .....	550		2	550	16	208	1,384.34
125	Eighth St. ....	829	5	1	829	27	348	3,325.75
126	Cedar and Wright .....	1,328	6	1	1,328	29	400	3,727.94
127	Daniel St. ....	400	1	1	400	11	140	1,255.06
128	S. Seventh St. ....	516	1	1	516	19	270	2,155.73
129	Washtenaw Av. ....	735	3		735	12	202	2,706.65
130	Spring St. ....	1,298	5		1,298	37		3,103.02
131	Berkshire Rd. ....	313	1	1	313	8	120	1,234.34
132	S. Main St. ....	2,722	8	3	2,722	73	728	10,147.81
133	Davis Av. ....	275	1	1	275	8	90	1,060.48
134	Fifth St. ....	300		1	300	12	180	1,096.44
135	Brooks St. ....	277	2		277	11	160	946.37
136	Pauline Blvd .....	698	3		698	20		1,818.72
137	Jackson Hgts., Add. ....	2,744	13	4	2,744	58	64	8,892.54
138	Devonshire, Melrose, Tuomy..1924	2,686	15	2	2,686	49	92	9,012.91
139	Baldwin Ave. ....	760	4	1	760	11		2,279.75
140	Scottwood, Woodside, etc ....1924	2,504	14	2	2,504	41	72	11,474.30
141	Brockman Blvd. ....	463	2	1	463	6		1,654.19
142	Mt. Vernon .....	807	3	1	807	16		2,477.64
143	Hoover, Davis, Third .....	3,160	14	5	3,160	105		9,983.60
144	Liberty, Washington Sub.....1924	1,613	8	1	748	12"		
						865	28	4,008.62
145	Fairview Hgts .....	2,441	10	4	2,441	66	178	12,921.99
146	Wildwood Av. Sub Sly .....	244	3	1	244	6		1,099.60
147	Westwood Hills .....	6,488	29	7	2,706	15"		
						430		
						12"		
					3,352	71		24,681.25
	§Ravena Blvd., Huron to Linn..1924	336	2	1	336	13		980.00
	§Wildwood Av. Sub Nly .....	484	3	1	484	7		1,650.00
	§Gardner Av., Westminster Pl..1924	775	3	2	775	21		1,470.00
148	Berkshire, Vinewood, Day ....1925	1,932	6	3	1,932	47		3,199.53

149	Cedar St. ....	1925	439	1	1	439	12	822.16				
150	Morton Av., Shadford Rd. ....	1925	1,173	6		1,173	36	2,187.20				
151	Plum St. ....	1925	835	4	1	835	17	1,298.05				
152	W. Kingsley St. ....	1925	191	1		191	8	337.60				
153	Arbor View and Wildwood ...	1925	10,877	50	12	9,399	15"					
							585					
							12"					
							893	269				
154	Amherst Av. ....	1925	306	1	1	306	8	18,292.01				
155	Pauline Blvd. and Hutchins....	1925	1,588	6	2	1,588	38	453.89				
156	Maiden Lane ....	1926	1,158	5	1	1,158	27	3,334.92				
157	Madison St. and Soule Blvd....	1926	1,476	6	4	1,476	26	1,525.68				
158	Daniel St. ....	1925	200	1		200	2	2,832.81				
159	Oak Crest Sub. ....	1926	5,731	20	8	5,731	181	326.10				
161	Ferdon and Brooklyn ....	1925	1,370	6	2	1,370	22	10,509.74				
160	Traver St. ....	1926	2,622	13	1	2,622	65	2,676.44				
162	Ridgeway, Harv., Highland..	1925	6,292	35	3	6,292	39	4,251.07				
163	Brockman Blvd. ...	1925	832	4	1	832	12	11,962.18				
164	Brooklyn Av. ....	1926	801	2	1	801	27	1,558.12				
165	Keech Av. ....	1926	233	2		233	8	1,066.62				
166	Mt. Pleasant Av. ....	1926	786	3	1	786	21	655.44				
167	Pine Ridge ....	1925	298	3	1	298	9	1,339.37				
168	Chubb Rd ....	1925	842	3		842	18	766.57				
169	Beechwood Drive ....	1926	687	2	1	687	14	1,932.78				
170	Charles, Edward and Daniel..	1926	1,458	7	2	1,458	32	1,492.79				
								2,938.54				
Total .....			280,776	999	279	70	195,470	55,525	7,357	23,828	14	\$541,550.74

\*—Branches only.

NOTE: District 23 never accepted by City. Above data is Engineers' approximate estimate.

NOTE: In District 50 one 8" house connection, 28' long is included in above table.

§Private Sewer.  
‡Not completed.



**Annual Report of Street Commissioner**

Ann Arbor, Michigan.  
Gentlemen:

We submit herewith a detailed account of the receipts and expenditures of the Street Department of the Board of Public Works for the year 1926.

Pages 1 to 4 inclusive give a classification of the expenditures for labor and services, and pages 5 to 8 inclusive give a classification of the expenditures for materials and supplies. Pages 9 to 12 inclusive give the actual cost of the several divisions into which the work of the Street Department has been divided. In this classification the cost of operating trucks has been charged to the proper division. A daily time sheet of each truck is kept, showing the number of hours spent on each class of work. At the end of the year the total operating cost of each truck is divided by the number of hours worked giving the hourly cost. From this the proper truck service charge is made to each division.

From this report you will notice that over half the cost of operating the Street Department is in the items of Dust Laying and Dirt and Gravel Street Maintenance.

For the year 1927 we would recommend the purchase of a half yard power shovel, a snow loader, and trade in one Ford tractor.

Respectfully submitted,

GEO. H. SANDENBURGH,  
City Engineer.  
ALF. J. PAUL,  
Street Commissioner.

**Summary of Monthly Labor Reports****1 to 8 Inclusive—General Work for the Department Administration**

1. Administration .....	\$2,799.96
2. Accounts .....	344.72
3. Records .....	285.28
4. Correspondence .....	216.20
6. Information to the public .....	193.78
	<hr/>
	\$3,839.94

**10—Cleaning Paved Streets**

10-A. Sweeper operator ..	\$1,071.83
10-B. Sweeper maintenance and repair .....	86.10
10-C. Pickup brooms....	157.60
10-D. Gutter brooms ....	65.80

10-E. Hauling sweepings .	670.94
10-F. White wings .....	1,260.62
10-H. Picking up and hauling leaves .....	481.92
10-I. Cleaning alleys ....	112.34
	<hr/>
	\$3,907.15

**11—Flushing Paved Streets**

11-A. Flusher operator ..	\$ 204.90
11-B. Flusher maintenance and repair .....	2.40
	<hr/>
	\$ 207.30

**12—Dirt and Gravel Street Maintenance**

12. Dirt and gravel street maintenance .....	\$ 145.99
12-A. Graders and drags ..	9,089.75
12-B. Cinders .....	923.46
12-D. Resurfacing with gravel .....	2,403.32
12-E. Cleaning gutters ..	4,289.10
12-F. Scarifying and rolling .....	416.40
12-G. Steamroller, maintenance and repair ..	147.35
12-H. Mowing weeds ...	436.00
	<hr/>
	\$17,851.37

**14—Snow Removal**

14-A. Snow removal from streets .....	\$1,663.12
14-B. Snow removal from walks .....	1,298.75
	<hr/>
	\$2,961.87

**15—New Street Construction**

15-A. Grading ....	\$2,043.85
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**16—Sidewalks**

16-A. Sidewalk grading ..	\$1,183.65
16-B. New sidewalks ....	4.60
16-C. Extension walks ..	957.39
	<hr/>
	\$2,145.64

**17—Crosswalks**

17-A. New construction..	\$1,473.01
17-B. Repairs to crosswalks .....	6.50
17-C. Cleaning crosswalks .....	887.88
	<hr/>
	\$2,367.39

**18—Storm Sewers**

18-B. Maintenance and repair and cleaning inlets .....	\$1,611.88
18-C. Repairing culverts..	66.20
	<hr/>
	\$1,678.08

**19—Street Signs**

19-A. New signs .....	\$ 40.50
19-B. Maintenance and re-	

pair .....	15 00
	\$ 55.50
<b>20—Laying Dust</b>	
20-A. Calcium chloride ..	\$ 753.77
20-B. Oil .....	38.79
	\$ 792.56
<b>21—Pavement Repair</b>	
21-A. Repairing cuts ...	\$ 9.20
21-B. General repair ...	2,201.36
21-C. Resurfacing with tarvia .....	1,379.48
21-D. Curb and gutter repair .....	64 50
	\$3,654.54
<b>22—Motor Equipment</b>	
22-A. Grader No. 1 .....	\$ 42.60
22-B. Grader No. 2 .....	22.60
22-D. Transport truck No. 5 .....	81.00
22-E. Transport truck No. 6 .....	97.80
22-F. Transport truck No. 7 .....	80.45
22-G. Ford truck No. 9 ..	12.00
22-H. Ford tractor .....	13.00
22-I. Concrete mixer .....	4.20
22-K. Grader No. 3 .....	4.90
	\$ 358.55
<b>24—City Team</b>	
24. City team .....	\$ 51 01
24-A. Maintenance of wagon .....	10.40
	\$ 61.41
<b>25—City Hall Maintenance</b>	
25. City Hall maintenance	\$ 30.70
<b>26—City Yard Maintenance and Repair</b>	
26. City yard maintenance and repair .....	\$ 72.47
City yard (New) .....	2.10
	\$ 74.57
<b>27—Work for Other Departments</b>	
27-A. Engineering department .....	\$ 384.78
27-C. Park department ..	69.60
27-E. Poor department ..	47.57
27-F. Municipal garage ..	37.90
27-G. Cemetery .....	28.38
27-H. Street lighting .....	5.20
	\$ 573.43
<b>28, 29, and 30—Miscellaneous Labor and Supplies</b>	
28. Barricades and red lights .....	\$ 30.60
Total general work of the department .....	\$42,634.45

**Summary of Monthly Invoices  
General Office Expense**

<b>1 to 8 Inclusive—Administration</b>	
1. Administration .....	\$ 1 45
3. Records .....	22.50
4. Correspondence .....	.40
8. Conventions and society meetings .....	51.43
	\$ 75.78
<b>9—Office Supplies</b>	
9. Office supplies .....	\$ 140.25
<b>10—Cleaning Paved Streets</b>	
10-B. Sweeper maintenance and repair .....	\$1,065.75
10-C. Pickup brooms ...	316.38
10-D. Gutter brooms ....	455 15
10-F. White wings .....	61.46
	\$1,898.74
<b>11—Flushing Paved Streets</b>	
11-B. Flusher maintenance and repair .....	\$ 216.70
11-C. Water .....	173.96
	\$ 390.66
<b>12—Dirt and Gravel Street Maintenance</b>	
12. Dirt and gravel street maintenance .....	\$ 35.68
12-A. Graders and drags.	408.31
12-B. Cinders .....	357.75
12-C. Gravel .....	5,886.59
12-D. Resurfacing with gravel .....	652.00
12-F. Scarifying and rolling .....	311.53
12-G. Steam roller, maintenance and repair ....	397.97
12-H. Mowing weeds ....	12.53
12-J Filling .....	66.35
	\$8,128.71
<b>14—Snow Removal</b>	
14. Snow removal .....	\$ 32.25
14-A. Snow removal from streets .....	139.75
14-B. Snow removal from walks .....	5.42
	\$ 177.42
<b>15—New Street Construction</b>	
15-A. Grading .....	415.00
15-C Paving, curb and gutter .....	19.41
	\$ 434.41
<b>16—Sidewalks</b>	
16-B. New sidewalks ....	657.15
16-C. Extension walks...	894.64
	\$1,551.79

**17—Crosswalks**  
17-A. New construction ..\$1,289.40

**18—Storm Sewers**  
18-A. New construction ..\$ 13.50  
18-B. Maintenance and  
repair and cleaning in-  
lets ..... 14.50  
\$ 28.00

**19—Street Signs**  
19-A. New street signs...\$ 715.53  
19-B. Maintenance and  
repair ..... 7.00  
\$ 722.53

**20—Laying Dust**  
20-A. Calcium chloride ..\$21,218.55

**21—Pavement Repair**  
21-A. Repairing cuts ...\$2,077.10  
21-B. General repair .... 2,378.62  
21-C. Resurfacing with  
tarvia ..... 3,333.81  
\$7,789.53

**22—Motor Equipment**  
22-A. Grader No. 1 .....\$ 611.69  
22-B. Grader No. 2..... 456.91  
22-C. Ford runabout No.  
4 ..... 256.98  
22-D. Transport truck No.  
5 ..... 1,150.23  
22-E. Transport truck No.  
6 ..... 1,333.35  
22-F. Transport truck No.  
7 ..... 664.80  
22-G. Ford truck No. 9.. 661.92  
22-H. Ford tractor ..... 814.64  
22-I. Concrete mixer .... 39.38  
22-J. Emergency car No.  
3 ..... 22.45  
22-K. Grader No. 3 ..... 2,208.55  
\$8,220.90

**23—Construction Supplies**  
23. Construction supplies.\$ 266.18

**24—City Team**  
24. City team .....\$ 529.60

**26—City Yard Maintenance and Repair**  
26. City yard maintenance  
and repair .....\$ 45.03  
26-A. City yard (new) ... 1,509.12  
\$1,554.15

**27—Work for Other Departments**  
27-A. Work for engineer-  
ing dept. ....\$ 47.86

**28, 29 and 30—Miscellaneous Labor and Supplies**  
28. Barricades and red  
lights .....\$ 168.17  
29. Small tools and sup-  
plies ..... 413.48

30. Insurance ..... 161.53  
\$ 743.18

**32—Drinking Fountains**  
32. Drinking fountains ..\$ 1.25  
Total invoices for the  
department .....\$55,208.89

**Itemized Statement of Expen-  
ditures**  
**1 to 9 Inclusive—Administration**  
Services .....\$ 3,839.94  
Supplies ..... 216.03  
Street commissioner's car 279.43  
\$4,335.40

**10 and 11—Cleaning Paved Streets**  
10-A. Sweeper operator ..\$ 1,071.83  
10-B. Sweeper mainte-  
nance and repair .... 1,151.85  
10-C. Pickup brooms ... 473.98  
10-D. Gutter brooms ... 520.95  
10-E. Hauling sweepings 1,030.48  
10-F. White wings ..... 1,338.03  
10-H. Picking up and  
hauling leaves ..... 584.43  
10-I. Cleaning alleys ... 121.67

Total sweeping paved  
streets .....\$ 6,293.22

**Flushing Paved Streets**  
11-A. Flusher operator ..\$ 204.90  
11-B. Flusher mainte-  
nance and repair .... 219.10  
11-C. Water ..... 173.96

Total flushing paved  
streets .....\$ 597.96

Total for cleaning paved  
streets .....\$ 6,891.18

**Dirt and Gravel Street Main-  
tenance**  
12. Dirt and gravel street  
maintenance .....\$ 181.67  
12-A. Graders and drags 12,088.18  
12-B. Cinders ..... 1,640.02  
12-C. and D. Gravel.... 10,584.09  
12-E. Cleaning gutters . 4,533.92  
12-F. and G. Scarifying  
and rolling ..... 1,273.25  
12-H. Mowing weeds ... 448.53  
12-J. Filling ..... 66.35  
\$30,816.01

**Snow Removal**  
14. Snow removal ....\$ 32.25  
14-A. Snow removal from  
streets ..... 2,196.53  
14-B. Snow removal from  
walks ..... 1,312.40  
\$3,541.18

**New Street Construction**  
15-A. Grading .....\$ 2,928.06

15-C. Paving and curb and gutter .....	19.41
	\$ 2,947.47

**Sidewalks**

16-A. Sidewalk grading ..	\$ 1,301.27
16-B. New sidewalks ...	661.75
16-C. Extension walks ..	1,896.94
	\$ 3,865.96

**Crosswalks**

17-A. New construction ..	\$ 2,865.95
17-B. Repairs to cross- walks .....	12.24
17-C. Cleaning cross- walks .....	894.71
	\$ 3,772.90

**Storm Sewers**

18-A. New construction ..	\$ 13.50
18-B. Maintenance and repair .....	1,718.03
18-C. Repairing culverts	66.20
	\$ 1,797.73

**Street Signs**

19-A. New signs .....	\$ 756.03
19-B. Maintenance and repair .....	22.00
	\$ 778.03

**Laying Dust**

20-A. Calcium Chloride ..	\$22,284.53
20-B. Oil .....	41.88
	\$22,326.41

**Pavement Repair**

21-A and B. General re- pair .....	\$ 6,828.74
21-C. Resurfacing with tarvia .....	4,880.77
21-I. Curb and gutter re- pair .....	64.50
	\$11,774.01

**Motor Equipment**

22-H. Ford tractor (less depreciation) .....	\$ 345.38
22-K. Grader No. 3 .....	1,274.63
	\$ 1,620.01

**Construction Supplies**

Construction supplies ..	\$ 266.18
	\$ 266.18

**City Hall Maintenance**

25. City Hall mainte- nance .....	\$ 34.97
	\$ 34.97

**City Yard**

26. City yard mainte- nance and repair (old	
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yard) .....	\$ 123.41
26-A. City yard (new) ..	1,511.22
	\$ 1,634.63

**Work for Other Departments**

27-A. Engineering De- partment .....	\$ 454.02
27-C. Park department ..	69.60
27-E. Poor .....	70.63
27-F. Municipal garage ..	37.90
27-G. Cemetery .....	28.89
27-H. Street lighting ...	5.20
	\$ 666.24

**Miscellaneous Labor and Supplies**

28. Barricades and red lights .....	\$ 199.77
29. Small tools and sup- plies .....	412.48
30. Insurance .....	161.53
	\$ 773.78

**Drinking Fountains**

32. Drinking fountains ..	\$ 1.25
Total .....	\$97,843.34

**Receipts**

1 to 8 inclusive—

**Administration**

1. Administration .....	\$ 18.40
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**12—Street Maintenance**

12-A. Graders and drags ..	\$ 882.42
12-B. Cinders .....	89.84
	\$ 972.26

**14—Snow Removal**

14-B. Snow removal from walks .....	\$ 57.00
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**16—Sidewalks**

16-B. Construction of sidewalks .....	\$ 28.25
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**20—Laying Dust**

20-A. Calcium chloride .....	\$ 102.00
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**21—Pavement Repair**

21-A. Repairing cuts ...	\$ 3,844.39
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**23—Construction Supplies**

23. Construction sup- plies .....	\$ 200.58
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**27—Work for Other Departments**

27-A. Work for engineer- ing department .....	\$ 344.77
27-C. Work for park de- partment .....	50.00
	\$ 394.77

Total amount of expen- ditures .....	\$97,843.34
Receipts .....	5,617.65

Net expenditures .....\$92,225.69

	Expenditures	Receipts	Net Ex- ditures
1 to 9 Inclu. Administration .....	\$ 4,335.40	\$ 18.40	\$ 4,317.00
10. Cleaning paved streets .....	6,293.22	0.00	6,293.22
11. Flushing paved streets .....	597.96	0.00	597.96
12. Dirt and Gravel St. maint....	30,816.01	972.26	29,843.75
14. Snow removal .....	3,541.18	57.00	3,484.18
15. New street construction .....	2,947.47	0.00	2,947.47
16. Sidewalks .....	3,865.96	28.25	3,837.71
17. Crosswalks .....	3,772.90	0.00	3,772.90
18. Storm sewers .....	1,797.73	0.00	1,797.73
19. Street signs .....	778.03	0.00	778.03
20. Laying dust .....	22,326.41	102.00	22,224.41
21. Pavement repair .....	11,774.01	3,844.39	7,929.62
22. Motor equipment .....	1,620.01	0.00	1,620.01
23. Construction supplies .....	266.18	200.58	65.60
25. City hall maintenance .....	34.97	0.00	34.97
26. City yard .....	1,634.63	0.00	1,634.63
27. Work for other departments...	666.24	394.77	271.47
28, 29 and 30. Miscellaneous labor and supplies .....	773.78	0.00	773.78
32. Drinking fountains .....	1.25	0.00	1.25
	<u>\$97,843.34</u>	<u>\$5,617.65</u>	<u>\$92,225.69</u>

## Classification of Expenditures for Labor During 1926

	Adminis- tration	Clerical	Labor	Total
A. J. Paul .....	\$2,799.96			\$ 2,799.96
Edna Spiegelberg .....		1,099.98		\$ 1,099.98
L. G. Bird .....			\$ 1,955.80	1,955.80
Carl Rehburg .....			1,691.89	1,691.89
Fred Ulrich .....			1,625.49	1,625.49
Charles Flewelling .....			1,556.00	1,556.00
Fred Hanselman .....			1,595.10	1,595.10
James Mason .....			1,475.18	1,475.18
William Keppler .....			1,458.30	1,458.30
George Menice .....			1,421.70	1,421.70
Clyde Meabon .....			1,400.40	1,400.40
Walter Schaible .....			1,355.40	1,355.40
Otto Schantz .....			1,225.80	1,225.80
Herman Stoll .....			1,216.30	1,216.30
Otto Blaess .....			1,203.00	1,203.00
John Webber .....			1,200.00	1,200.00
Ed. Roehm .....			1,152.80	1,152.80
Martin Walch .....			1,146.90	1,146.90
Christ Paul .....			1,145.20	1,145.20
Leo Gutekunst .....			1,093.55	1,093.55
John Miller .....			1,010.05	1,010.05
Arthur Rause .....			940.80	940.80
Christ Pfaus .....			852.05	852.05
Theo. Stollsteimer .....			849.00	849.00
William Wayman .....			789.50	789.50
Carl Seeger .....			755.75	755.75
Fred Malke .....			749.38	749.38
Emanuel Holzapfel .....			697.85	697.85
Camby Dempsey .....			630.70	630.70
Sam Horning .....			593.10	593.10
Adolph Finkbeiner .....			580.00	580.00
Jake Weber .....			574.00	574.00
George Clough .....			570.25	570.25
Julius Nimz .....			445.40	445.00
Ed Schweickert .....			527.20	527.20
Sam Kalmbach .....			405.00	405.00
John Herrst .....			322.50	322.50

Fred Maek .....	294.75	294.75
Milburn Embury .....	262.80	262.80
Carl Whitchurch .....	257.25	257.25
A. A. Construction Co. ..	220.50	220.50
Jake Young .....	200.00	200.00
James Cummings .....	181.11	181.11
Robert Stoll .....	158.80	158.80
George Mack .....	106.60	106.60
John Moore .....	111.00	111.00
Ross Henderson .....	105.60	105.60
Arthur Wood .....	92.00	92.00
Fred Dupper .....	90.00	90.00
William Nordman .....	81.50	81.50
Charles Cornell .....	81.00	81.00
Ray Johnson .....	77.40	77.40
Harold Kett .....	72.00	72.00
George Stratis .....	44.00	44.00
Guy Mullison .....	42.00	42.00
Frank Hartsuff .....	31.50	31.50
Newton Beach .....	26.00	26.00
A. R. Cole .....	18.00	18.00
Lenord Buckles .....	15.00	15.00
Artificial Ice Co. ....	11.56	11.56
T. Hummel .....	11.00	11.00
Clarence Walker .....	9.20	9.20
Walter Walker .....	8.80	8.80
Lester Renau .....	7.00	7.00
Matt Koch .....	3.60	3.60
Perry Morgan .....	3.20	3.20
	<hr/>	<hr/>
	\$2,799.96	\$1,099.98
	\$38,734.51	\$42,634.45

The annual report of the Board of Water Commissioners was presented and, on motion of Ald. Jocelyn, ordered printed in minutes of next regular meeting.

Reports of City Engineer and Street Commissioner for month of February received and ordered on file.

Ann Arbor, Mich.,  
Feb. 21, 1927.

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

I have had before me the claim of Rachel M. Sewell in the sum of \$89.40 and Mrs. H. M. Rogers in the sum of \$11.25, for damage sustained by each of them respectively, due to the main sewer in the street being blocked by roots of trees.

My investigation discloses the fact that the source of trouble was in the main sewer and I would therefore recommend to your Honorable Body that these claims be paid.

Very truly yours,

R. O. BONISTEEL,  
City Attorney.

City Attorney, Roscoe O. Bonisteel, made oral report that he recommended the payment of \$15.00 to settle claim of Arthur R. Wood and the payment of \$147.03 to settle claim of Theo. A. Dillman.

Moved by Ald. Lutz, that recommendations of City Attorney be concurred in and City Clerk instructed to draw warrants for same.

Adopted by following vote:  
Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

Moved by Ald. Slauson, that the Board of Public Works be authorized to advertise for bids for the construction of Portland cement concrete sidewalks, also walks in front of driveways, alley entrances and private courts, and also walks over areaways, etc., with reinforced concrete; which may be ordered built or repaired by Common Council during the coming season.

Adopted by following vote:  
Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer,

Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

Moved by Ald. Lucas, that the matter of extra help for Assessor's office be referred to Budget Committee with power to act.

Adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

By Ald. Slauson:

Resolved, that in the passing of John H. Shadford who had served this city as Poor Commissioner during the past eighteen years Ann Arbor has lost a respected and self respecting citizen. Living for a third of a century under physical handicaps that had resulted from an accident, he suffered without complaint and faithfully performed every duty that fell to his lot.

Resolved, further, that the City Clerk transmit a copy of this resolution to the bereaved family.

Adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

Moved by Ald. Lutz, that the Board of Public Works be requested to cause three extra booths to be placed at voting room in Eberbach school in time for April election and to place booths in other wards if they deem it necessary.

Adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

Mayor Robert A. Campbell nominated the following for inspectors of elections to be held April 4, 1927 for the precincts of the seventh ward: first precinct—Lewis M. Gram, E. S. McLouth and W. E. Groat; second precinct, Mrs. Maria Peel, George Lutz, Sr., and E. R. Schaffer.

Moved by Ald. Jocelyn, that the Mayor's nominations of inspectors

for elections to be held April 4, 1927, be confirmed and are hereby appointed, and inspectors for said elections to fill vacancies be appointed as follows:

First ward—L. O. Cushing and T. P. Stowe.

Second ward — Wm. Buettner and J. Herman Greve.

Third ward—Charles Saraw and Carl A. Lehman.

Fourth ward—William Corson.

Fifth ward—George Spathelf and T. E. Ware.

Sixth ward—Harry Nichols and H. C. Kleene.

And further that the inspectors be authorized to appoint such extra clerks for their respective polling places as they deem necessary.

Adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lucas, Pres. Woodbury, 11. Nays, none.

Mayor Campbell informed Council that at a meeting of the Fire and Police Commissioners and other officials the matter of better fire protection at theaters was considered and an ordinance relative thereto would be presented.

Moved by Ald. Lucas, that the Mayor and City Clerk be authorized to sign on behalf of city the proposed release of right of way for Murray-Washington St. Drain subject to approval of description by the City Engineer.

Adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

Moved by Ald. Jocelyn, that we do now adjourn until 4 o'clock p. m. Monday, March 28, 1927.

Adopted by following vote: Yeas, Ald. Slauson, Jocelyn, Maulbetsch, Graf, Lucas, Dwyer, Moore, Bursley, Freeman, Lutz, Pres. Woodbury, 11. Nays, none.

Council adjourned.

ISAAC G. REYNOLDS,  
City Clerk.