

COUNCIL CHAMBER.

Ann Arbor, March 7th, 1898.

Regular Session.

Called to order by Glen V. Mills, City Clerk.

Roll called. Quorum present.

Absent Ald. Moore, Sweet, Spathelf, Pres. Luick.

Ald. Koch moved that Ald. Coon act as President pro tem.

Adopted.

Whereupon Ald. Coon was declared elected President pro tem.

PETITIONS AND COMMUNICATIONS.

A petition signed by W. J. Miller and 23 others asking for crosswalks across Detroit street was read and referred to the Sidewalk Committee.

A petition signed by Perry Manwarring and 24 others asking for an order to prevent the dumping of garbage within certain parts of the City of Ann Arbor was read and referred to the Board of Health.

A petition signed by J. Q. A. Sessions and 5 others asking for correcting alleged wrong in numbering was read and referred to Aldermen Danforth and Cady and Engineer Key.

The communication from "City Government" was read and referred to the Finance Committee.

To the Common Council:

The Board of Public Works herewith submits the estimate of the City Engineer for paving on Main street with asphalt.

Respectfully submitted,
Glen V. Mills,

Clerk of the Board of Public Works.

To Board of Public Works:

Gentlemen: The following is an estimate for the cost of asphalt pavement in the proposed paving district on Main st.

Excavation per lineal ft. each side.....	\$	47
Curbing " " " " "		56
Concrete " " " " "	1	82
Asphalt " " " " "	4	00
Total.....	\$6	85
Less 20 per cent.....		1 39
Estimated price per foot frontage to be assessed on property for asphalt pavement.....	\$5	48
Estimated price per foot frontage to be assessed on property for brick.....	\$4	97
Difference.....		51
This makes the total estimated cost for asphalt pavement.....	\$27,388	56
As against the total estimated cost for brick pavement.....	25,083	48
Estimated total difference.....	\$ 2,305	08

Geo. F. Key,
City Engineer.

Received and placed on file.

To the Common Council:

The Board of Public Works presents the following resolution for the consideration of your honorable body:

Whereas, The petition circulated among and signed by the taxpayers in the proposed pavement district on Main st. specified brick pavement on a concrete foundation, and

Whereas, at a joint meeting of the said taxpayers and Board of Public Works it was the unanimously expressed opinion in favor of brick pavement.

Therefore the Board of Public Works recommend that the Common Council order the above mentioned improvement and direct advertising at once for bids for constructing said improvement.

Respectfully submitted,
Glen V. Mills,

Clerk of the Board of Public Works.

Ald. Dell moved that the recommendation of the Board be concurred in by this Council.

Adopted as follows:

Yeas—Ald. Hamilton, Grossman, Koch, Dell, Brown, Vandawarker, Rhodes, Soule, Coon, Danforth, Cady—11.

Nays—None.

Ald. Sweet and Spathelf entered.

To the Common Council:

The Board of Public Works herewith presents to your honorable body the report of the work ordered by you and done under our direction during the year 1898.

Glen V. Mills,

Clerk of the Board of Public Works.
Received and placed on file.

REPORTS OF STANDING COMMITTEES.
FINANCE.

Your Committee on Finance respectfully report that they have had the following bills under consideration and would recommend their allowance and that warrants be ordered drawn for the same.

Respectfully submitted,
Arthur Brown,
Michael Grossman,
Harrison Soule,
Committee on Finance.

CONTINGENT FUND.

Glen V Mills, salary	\$	83	34
Patrick O'Hearn "		83	34
Thos D Kearney "		50	00
Edward L Seyler "		8	34

Ann Arbor Electric Co., lighting.....	514 09
Wm. H McIntyre, supplies.....	2 75
E W Groves, salary.....	75 00
W W Wetmore, supplies.....	3 60
Geo F Key, salary.....	100 00
Ann Arbor Argus, printing.....	8 00
Sid W Millard, printing.....	35 50
John L. Duffy, fees.....	2 50
New State Telephone Co., rental.....	27 00
Ann Arbor Register, printing.....	7 50
Mrs C A Greene, rent.....	29 17
M E Easterly, janitor.....	16 25
Glen V. Mills, postage.....	1 25
Edward L Seyler, postage.....	7 00
Edward L Seyler, dog tax refunded.....	6 50
O M Martin, ambulance.....	2 00
Bailey & Edmonds, repairs.....	1 65
George Lavear, burying dog.....	50
David Crawford, rent.....	10 00
John Burg, acct. assigned.....	2 75
Wm Lansky, acct. assigned.....	5 00

Total.....\$1,083 03

STREET FUND.

Daniel J Ross, salary.....	66 66
Mrs Lucy D S Parker, rent.....	75 00

Total.....\$ 141 66

POLICE FUND.

Zenas Sweet, salary.....	\$ 75 00
Reuben Armbruster, salary.....	50 00
John O'Mara, salary.....	50 00
David Collins, salary.....	50 00
George Isbell, salary.....	50 00

Total.....\$ 275 00

FIRE DEPARTMENT FUND.

Fred Sibley, salary.....	\$ 60 00
C. A. Edwards, salary.....	55 00
W H McLaren, salary.....	50 00
Max Wittlinger, salary.....	50 00
Albert West, salary.....	50 00
Eugene Williams, salary.....	50 00
Herman Kirn,.....	50 00
Samuel McLaren, salary.....	50 00
Edward Hoelzle, salary.....	50 00
Charles Carroll, salary.....	20 00
W L Schnierle, salary.....	8 00
Geo Hoelzle, salary.....	8 00
A W Sorg, salary.....	8 00
Ed Hill, salary.....	8 00
M Staebler, coal.....	14 38
Clark & Bassett, coal.....	19 54
Mrs Ream, washing.....	6 00
Goodale & Co., supplies.....	3 92
Walker & Co., repairs.....	13 35

Total.....\$ 574 19

POOR FUND.

Fred Sibley, salary.....	\$ 10 00
Treas Anti-Tramp Society, labor.....	4 50
J. Burg, shoes.....	3 00
Frank Burg, groceries.....	3 75
F Bigalke, groceries.....	13 00
J. A. Brown, groceries.....	2 31
Chicago Shoe Co., shoes.....	3 00
Davis & Seabolt, groceries.....	6 05
E Dieterle, ambulance.....	1 50
Ed Duff, groceries.....	4 18
Eberbach Drug Co., medicine.....	3 45
L Gruner, shoes.....	1 25
John Goetz, Jr., groceries.....	6 66
Goodyear & Co., medicine.....	1 25
John Goetz & Son, groceries.....	7 13
J E Harkins, damper.....	35
Mrs Hillman, board for Mrs Evans.....	5 00
A Hagan, groceries.....	4 00
Heusel Brothers, bread.....	1 00
G Hoefler, groceries.....	4 00
A Kearney, groceries.....	7 00

W F Lodholz, groceries.....	4 38
F C Miller, groceries.....	2 00
Wm H McIntyre, groceries.....	16 99
J H Maynard, groceries.....	8 70
O'Hara & Boyle, groceries.....	7 00
C Rinsey, groceries.....	11 46
Rinsey & Seabolt, groceries.....	21 38
W F Stimson, groceries.....	11 60
M Staebler, coal.....	27 10
Staebler & Co., groceries.....	3 49
M P Vogel, meat.....	90
C W Vogel, meat.....	2 20
Wahr & Miller, shoes.....	4 00

Total.....\$ 223 48

RECAPITULATION.

Contingent Fund.....	\$1,083 03
Street Fund.....	141 66
Police Fund.....	275 00
Firemen's Fund.....	574 19
Poor Fund.....	223 48

Total.....\$ 2,297 36

Adopted as follows:

Yeas—Ald. Hamilton, Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Spathelf, Soule, Coon, Danforth, Cady—13.

Nays—None.

ORDINANCE.

Chairman Cady presented an ordinance entitled "An ordinance changing the Oxford street to Oxford Road" which was given its first reading by title.

Ald Soule moved that the ordinance be given its second reading.

Adopted as follows:

Yeas—Ald. Hamilton, Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Spathelf, Soule, Coon, Danforth, Cady—13.

Nays—None.

Whereupon the ordinance was given its second reading by sections.

Chairman Cady presented an ordinance entitled "An ordinance authorizing the Lansing, Dexter and Ann Arbor Railway Company to construct and maintain a street railway in the City of Ann Arbor" and defining the powers, privileges and restrictions of said railway company.

Ald. Dell moved that the ordinance be given its second reading by sections.

Adopted as follows:

Yeas—Ald. Hamilton, Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Spathelf, Soule, Coon, Danforth, Cady—13.

Nays—None.

Chairman Cady presented an ordinance entitled "An ordinance authorizing the Detroit, Ypsilanti and Ann

Arbor Railway Company to construct and maintain a street railway in the City of Ann Arbor," and defining the powers, privileges and restrictions of the said railway company.

Adopted as follows:

Yeas—Ald. Hamilton, Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Spathelf, Soule, Coon, Danforth, Cady—13.

Nays—None.

Chairman Cady presented an ordinance entitled "An ordinance to repeal an ordinance entitled 'An ordinance relative to the governing and controlling of the cemetery in the Fifth ward,' passed June 7, 1875," which was given its third reading by sections.

Whereupon the question was: Shall this ordinance pass?

Adopted as follows:

Yeas—Ald. Hamilton, Koch, Sweet, Grossman, Dell, Vandawarker, Rhodes, Spathelf, Soule, Coon, Danforth, Cady—12

Nays—Ald. Brown—1.

Ald. Dell moved to amend the report to include the estimate of the engineer

Ald Hamilton moved as a substitute that the report be laid on the table until the next regular session.

Lost as follows:

Yeas—Ald. Hamilton, Soule—2.

Nays—Ald. Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Coon, Danforth, Cady—11.

Ald. Dell's amendment was lost as follows:

Yeas—Ald. Dell, Sweet, Danforth—3.

Nays—Ald. Hamilton, Koch, Brown, Grossman, Vandawarker, Rhodes, Spathelf, Soule, Coon, Cady—10.

The original motion was adopted as follows:

Yeas—Ald. Grossman, Koch, Brown, Rhodes, Spathelf, Soule, Danforth, Cady—8.

Nays—Ald. Hamilton, Dell, Sweet, Vandawarker, Coon—5.

STREETS.

To the Common Council:

Your committee on streets would recommend that Fred Belser be allowed \$100 00 as payment in full for all gravel alleged to have been taken from his premises and that he fill in his lot at his own expense.

Respectfully submitted,

C. H. Cady,
G. C. Rhodes,
Harrison Soule,
Arthur Brown,
M. Grossman,
Committee on Streets.

Ald. Dell moved to amend the report and to include the estimate of the engineer.

Ald. Hamilton moved as a substitute that the report be laid on the table until the next regular session.

Lost as follows:

Yeas—Ald. Hamilton, Soule.—2

Nays—Ald. Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Coon, Danforth, Cady.—11

To the Common Council:

Your committee on streets would recommend that the engineer be directed to prepare plans and specifications for brick pavement on Main street between Catherine and Liberty.

And further that the engineer prepare plans, specifications and an estimate for a bridge over the Ann Arbor railroad in the line of William street.

Respectfully submitted,

C. H. Cady,
H. Soule,
G. C. Rhodes,
Arthur Brown,
J. A. Dell,
M. Grossman,
Committee on Streets.

Ald. Cady moved to amend the report by adding to the specifications for a bridge on West Huron street across the Ann Arbor Railroad.

Adopted as follows:

Yeas—Ald. Hamilton, Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Spathelf, Soule, Coon, Danforth, Cady—13.

Nays—None.

Whereupon the original report as amended was adopted as follows:

Yeas—Ald. Hamilton, Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Spathelf, Soule, Coon, Danforth, Cady—13.

Nays—None.

RESOLUTIONS.

By Alderman Cady.

Resolved, That the Board of Public Works proceed at once to place a tile drain across Packard street on the north line of Hill street of sufficient

capacity to carry the water down Hill street west.

Adopted as follows:

Yeas—Ald. Hamilton, Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Spathelf, Soule, Coon, Danforth, Cady—13.

Nays—None.

By Alderman Cady.

Resolved, That a committee of three of which the City attorney shall be one, be appointed to ascertain the number of arrests for all criminal offenses or misdemeanors tryable before the Justices of the Peace in the City of Ann Arbor from and including the year 1894 until the 1st of March, 1898, together with the amount of fine moneys and fees from same going to the City of Ann Arbor, also the amount of fine moneys and fees going to Washtenaw county and the fees going to the officers who acted in the respective cases, with the name and total amount going to each officer, and the city clerk is hereby directed to assist the committee in securing and tabulating the information secured.

Lost as follows:

Yeas—Ald. Hamilton, Dell, Coon, Danforth, Cady—5.

Nays—Ald. Grossman, Koch, Sweet, Brown, Vandawarker, Rhodes, Spathelf, Soule—8.

By Ald. Brown.

Resolved, That the registration for voters for the several wards, to be held March 29th, 1898, be, and the same is hereby appointed to be held in the several wards of the city at the following places, viz.;

First Ward—Washington street near 5th avenue at the Zion German school house.

Second Ward—111 West Liberty street. Sid W. Millard's office.

Third Ward—Basement of Court House.

Fourth Ward—Engine House.

Fifth Ward— " "

Sixth Ward— " "

Seventh Ward—904 South State, Weinberg's shop.

And be it further resolved, that the city clerk do give notice of said registration pursuant to law.

Adopted as follows:

Yeas—Ald., Hamilton, Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Spathelf, Soule, Coon, Danforth, Cady—13.

Nays—None.

By Ald. Brown.

Whereas in the opinion of many of our citizens the case of typhoid fever at 526 E. Jefferson street should be investigated, and its cause, if possible, ascertained and removed.

Be it resolved that the Board of Health be instructed to investigate the same and report to this Council.

Adopted as follows:

Yeas—Ald., Hamilton, Grossman, Koch, Dell, Sweet, Brown, Vandawarker, Rhodes, Spathelf, Soul, Coon, Danforth, Cady—13.

Nays—None.

By Ald. Brown.

Whereas, some four hundred citizens of this city have subscribed for New State Phones, and whereas the M. C. R. R. Co. has refused to place one of these phones in its freight office in this city, and whereas the placing of one of these phones in said freight office would be a great convenience to many of our people. Therefore be it

Resolved, that said Railroad Company be respectfully requested to place one of said phones in its freight office in this city, and that the Clerk be requested to send a certified copy of this resolution to the agent of said Company in this city.

Adopted.

Attorney J. W. Bennett presented a deed of the following property from Mary J. Maynard:

THIS INDENTURE, Made this seventh day of March in the year of our Lord one thousand eight hundred and ninety-eight, between Mary J. Maynard, of the City of Ann Arbor, Michigan, party of the first part, and the City of Ann Arbor, a municipal corporation within the County of Washtenaw, Michigan, party of the second part, witnesseth, that the said party of the first part, for and in consideration of the sum of one dollar and other valuable considerations hereinafter set forth, to her in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, does by these presents grant, bargain, sell, remise, release, alien and confirm unto the said party of the second part, and

its successors and assigns, FOREVER, all that certain piece or parcel of land situate and being in the City of Ann Arbor, County of Washtenaw and State of Michigan, and described as follows, to-wit: Commencing at the southwest corner of lands owned by the St. Andrews Episcopal church society, on the east side of Division street, and at the northwest corner of land owned by said first party, running thence east along the north line of said first party's land thirty-six (36) rods, more or less, to the northwest corner of land now owned by Lucy B. Whitlark; thence south along said Whitlark's west line thirty-nine (39) feet, thence west parallel with said first line to the east line of Division street; thence north thirty-nine (39) feet to the place of beginning being a part of the northeast quarter of section number 29, town 2 south of range 6 east, for the uses and purposes of a public street and highway. This conveyance is made upon the farther consideration that said second party shall and will forthwith pay, lay out and expend upon the improvement of the street so dedicated a sum of money not less than two hundred dollars.

And it is further expressly covenanted and agreed that should said second party at any time begin proceedings to condemn any of said first party's land for the purpose of a street, on the north side thereof, this deed shall become null and void and the land herein consigned shall revert to the grantor, her heirs and assigns together with all and singular the hereditaments and appurtenances thereunto belonging or in anywise appertaining: to have and to hold the said premises, as above described, with the appurtenances, unto the said party of the second part, and to its successors and assigns forever. And the said Mary J. May-

nard, party of the first part, her heirs, executors and administrators, does covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensealing and delivery of these presents she is well seized of the above granted premises in Fee Simple; that they are free from all incumbrances whatever and that she will, and her heirs, executors, administrators shall warrant and defend the same against all lawful claims whatsoever.

In witness whereof, the said party of the first part has hereunto set her hand and seal the day and year first above written.

MARY J. MAYNARD.

Signed and delivered in presence of W. J. Maynard, J. M. Bennett.

State of Michigan, }
County of Washtenaw, } ss

On this seventh day of March in the year one thousand eight hundred and ninety-eight before me, a Notary Public in and for said County, personally appeared Mary J. Maynard to me known to be the same person described in and who executed the within instrument, who acknowledged the same to be her free act and deed.

J. W. BENNETT,
Notary Public.

Ald. Koch moved that the Council accept the deed and order a warrant drawn for \$1.00 in payment for said property.

Adopted as follows:

Yeas—Ald. Grossman, Koch, Brown, Vandawarker, Soule, Coon, Cady—7.

Nays—Ald. Hamilton, Dell, Sweet, Rhodes, Spathelf, Danforth—6.

On motion the Council adjourned.

Glen V. Mills,
City Clerk.

Annual Report of the Board of Public Works, 1897.

To the Common Council:

The Board of Public Works herewith presents to your honorable body the report of the work ordered by you and done under our direction during the year 1897.

GLEN V. MILLS,

Clerk of the Board of Public Works.

REPORT OF THE CITY ENGINEER.

To the Board of Public Works:

Gentlemen: I herewith submit for your consideration my annual report, giving a more or less complete summary of the work conducted by or under the inspection of the engineering department during the past year.

PLUMBING.

During the past year there have been 208 connections made with the sanitary sewer system, requiring not less than 450 visits for the purposes of inspection.

SEWERS.

There have been completed two sewers, one in Lateral Sewer District No. 6, and one in Lateral Sewer District No. 7, detailed reports of these having been previously submitted with the final estimates of the same.

STREET WORK.

The work under this head consisted of the ordinary routine work of laying out of all street, gutter, and sidewalk grades throughout the entire season as was required for construction purposes. The more prominent work in addition was the improvement of both drives on S. University ave., along the campus, a detailed statement of which has been previously rendered. The construction of 29 brick crosswalks has also been under the supervision of this department. Also the work of renumbering the buildings of the city according to the Philadelphia or block system of numbering.

OFFICE WORK.

Under this head is included the work of making all estimates for proposed and for completed work, the making of all sketches, maps, plans, profiles, specifications and keeping and filing of all records of work falling under the supervision of this department. All the maps, etc., are now properly tagged and indexed, their classification being such as to render them easily accessible on consultation of the index book.

INVENTORY.

The following schedule gives the additions to be made to the previous inventories submitted by the department:

PROFILES.

Rolls 9 to 15, tag No. 155 to 161.
Storm sewer, Fifth ave., tag No. 162. ✓
Drain, S Main st., tag No. 163.

MAPS.

Four maps, tag No. 163, 165 to 167.

GRADE RESOLUTIONS.

Nine street grades, three sidewalk grades.

BOOKS.

Field notes No. 39, 40, 41.
1 vol. Engineering News.

TOOLS.

One metallic tape

WORK IN PROGRESS.

The work now in progress in this department consists of making a large map of the entire city showing all the various data obtainable. Also the work of making plans, etc., for proposed work in Paving District No. 1, this latter work will be completed first and as soon as possible.

REMARKS.

Now that sanitary sewers are constructed in practically all the business and densely settled residence portions of the city. I would recommend that the provisions of the ordinance relative to sewer connection be pretty thoroughly enforced, this will in my judgment be productive of great good to the city in the matter of health.

I would again call attention to the matter of drainage of our streets, and urge that steps be taken during the coming season to make a permanent disposal of storm water, at least in those districts which are now giving so much trouble.

GEO. F. KEY,
City Engineer.

STREET CLEANING.

	Hand.	Team.	Total.
January	\$ 18 00	\$ 10 00	\$ 28 00
February	24 08	-----	24 08
March	116 62	118 30	234 92
April	101 93	163 05	264 98
May	128 93	164 60	293 53
June	96 09	110 55	206 55
July	74 03	50 33	124 36
August	169 31	94 50	263 81
September	67 80	42 90	110 70
October	18 37	41 90	60 37
November	120 58	115 58	236 16
December	49 61	44 48	93 86
Total	-----	-----	\$1,942 32
1897. Snow plowing for January, February and March	-----	-----	\$108 66
Snow plowing for December	-----	-----	21 00
Total	-----	-----	\$129 66

GRADING AND GRAVELING STREETS.

Mar. 8.	Filling washout on Summit st. Hand, \$21 30; team, \$14.40.....	\$ 35 70	Aug. 6-7	Opening pit on Boulevard and filling in at bridge No. 3 Hand, \$13 00; team, \$12.00.....	55 00
Mar. 11.	Putting in pipe on Hiscock, cor. Gott. 125 ft. of pipe....	110 70	Aug. 4.	Grading Hill st. Hand, \$13.90; team, \$4.50.....	18 40
	Hand, \$51.10; team, 19.50....	70 60	Aug. 11-8.	Grading Wilmot st. Hand, \$70.80; team, \$51 30.....	122 10
Mar. 30 to Apr. 8.	Grading sidewalk on Seventh st., south of Washington. Hand, \$135 86; team \$105.45.....	241 31	Aug. 12.	Grading Division st. Hand, \$36.75; team, \$59 25.....	96 00
Apr. 5.	To 18 ft. of 2 ft. pipe on N. First st.....	14 78	Aug. 24.	Grading for sidewalk on Volland st. Hand, \$13 50; team, \$13.50.....	27 00
	Hand, \$2.10; team, \$2.60....	4 70	Aug. 28.	Grading for sidewalk on E. Catherine st. Hand, \$87 50; team, \$58.05.....	145 55
Apr. 12-30	Grading on S. University ave. Hand, \$34 80; team \$39.95.....	74 75	Aug. 30.	Grading for sidewalk on Wall st. Hand \$36 00; team, \$31.50.....	67 50
May 4-8.	Filling washout on Seventh st., north of Huron. Hand \$40.50; team, \$19.50.....	60 00	Sept. 13.	Grading for sidewalk on Oakland ave, Arbor, Arch. Tappan and E. University ave. Hand, \$133.28; team, \$121.40.....	254 68
May 11.	Grading Fourteenth st. and E. Huron. Hand, \$183 51; team, \$156.60.....	340 11	Sept. 13-21.	Grading Seventh st. south of Liberty. Hand, \$171.20; team, \$156 15.....	327 35
May 20-22.	Cleaning alleys. Hand, \$27.75; team, \$44.85.....	72 80	Sept 20.	Drawing gravel on Division st. Hand, \$153.38; team, \$172.88.....	326 18
May & June.	Grading W. Huron st. Hand, \$287.75; team \$153.45.....	441 20	Sept. 20.	73 loads of gravel on Wilmot st. at 25c.....	18 25
June 21.	Grading and rolling Packard st. Hand, \$158.08; team, \$188.70; roller, \$50 00.....	396 78	Sept. 30	Grading Eighth or Vine st. Hand, \$31.8 ; team, \$32 30..	64 10
	497 loads of gravel at 10c..	49 70	Oct. 6.	Gravel on Hill st. Hand, \$21.56; team \$21.90.....	43 46
Jly. 19.	41 loads of gravel on N. Fifth ave. at 25c.....	10 25	Oct. 8.	Gravel on Mary st. Hand \$9.00; team, \$15.10.....	24 00
	Spreading same.....	2 70	Oct. 9.	Gravel on Wilmot st. Hand, \$10 00; team, \$18.00.....	28 00
Jly. 22.	E University ave., 155 1 ads gravel.....	38 75	Nov. 9.	Grading for sidewalk on Detroit st. Hand, \$18.75; team, \$22.20.....	40 95
Jly. 23.	N. State st., 94 loads gravel..	23 50		46 loads of gravel from D. Hiscock for streets at 10c..	4 00
	Wilmot st., 18 loads gravel..	4 50			
	Spreading same.....	13 55			
Jly. 12.	Grading Spring st. Hand, \$85.68; team, \$67.50.....	153 18			
	Roller, \$7.50; gravel, \$9.60..	17 10			
Aug. 3.	Filling culvert on Seventh, S. of Liberty st. Hand, \$46 58; team, \$39.75.....	86 33			
			Total		\$3,921 11

PLANK CROSSWALKS.

1837.		Hand.	Team.	Lumber.	Total.
Mar. 29	On north end of Lincoln Ave., on Hill st.....	\$ 4 70	\$ 3 00	\$ 9 30	\$ 17 00
Apr. 15	Across Geddes at E. m.....	6 00	3 00	9 30	18 30
May 4	Repairing walks.....	6 00	---	2 00	8 00
May 10	Across Monroe, west side Ingalls.....	4 25	3 00	9 30	16 55
May 18	Jefferson, east side of Seventh.....	4 65	1 50	9 00	15 15
May 22	Repairing walks.....	5 48	---	2 50	7 98
June 19	Repairing crosswalk, Sixth st.....	9 40	---	3 00	12 40
June 30	Across Madison on Packard, north side.....	7 50	3 00	9 50	20 50
July 1	Repairs, south side of Madison, across Division.....	6 00	---	---	6 00
July 3	Northeast side of Packard, across Hill st.....	7 50	3 00	9 50	20 00
July 15	Northeast side of Packard, across Madison st.....	7 50	3 00	9 50	20 00
July 17	North side of Monroe, across Twelfth st., repairs..	3 00	1 50	2 00	6 50
July 31	To James Hamby, 4,000 ft. oak plank.....	---	---	---	59 00
July 31	Box culvert across Division at Huron. Irons \$7.00..	17 85	3 00	18 00	38 85
Aug. 27	Box culvert, Hiscock and Fountain.....	3 00	1 50	8 00	12 50
Aug. 28	Box culvert across Hill on State. Irons \$5.10.....	9 00	4 50	18 50	32 00
Aug. 31	Tile across State on Kingsley.....	9 00	---	---	9 00
Sept. 6	12 in tile across S. Fifth ave. Tile \$13.20.....	12 75	---	---	25 95
Sept. 10	Repairing tile drain, north Main.....	16 70	---	---	16 70
Sept. 10	Repairing culvert on Spring st.....	1 30	---	---	1 30
Sept. 13	Repairing bridge on Summit on race.....	13 50	---	8 00	21 50
Oct. 9	Drawing brick from car to yard.....	---	---	---	11 35
Oct. 28	Tile drain on Huron st. from T. A. A. R. R. to creek. Tile \$24 00.....	24 30	---	---	48 30
Aug. 23	Catherine and Thayer.....	6 60	3 00	10 50	20 10
Aug. 25	Thayer and Ingalls sts.....	6 75	3 00	10 50	20 20
Aug. 26	Jefferson and Fourth sts.....	6 00	3 00	10 00	19 00
Aug. 27	Hiscock and Fountain sts.....	6 00	3 00	10 00	19 00
Sept. 27	Washington, across Third, north side.....	7 50	3 00	10 00	20 50
Sept. 28	North side of William, across Second st.....	7 50	3 00	10 00	20 50
Sept. 29	East side of Second, across William.....	7 50	2 10	10 00	19 60
Sept. 29	Across Catherine on Fourth ave.....	7 50	2 00	10 00	19 50

Oct. 9	Repairing walks				8 85
Oct. 18	Pontiac, across Plum st.....	4 50	3 00	8 00	15 50
Oct. 19	Pontiac, across Apple st.....	4 50	3 00	8 00	15 50
Nov. 11	Across Fuller on Detroit st.....	8 10		19 00	27 10
Nov. 12	Across Alley on Wall st.....	4 50	3 00	7 00	14 50

Total\$712 38

PAVING GUTTERS AND SIDES OF BRICK CROSS-WALKS.

1897		Hand	Team		Total
July 7	Seven loads of stone on 13th street.....	\$.....			\$ 7 00
" 10	Taking up gutter on State.....	7 00			7 00
" 17	Repaving gutter on State.....	13 50	16 20		29 70
18-21	Paving on Washington and Fifth.....	17 08	8 00		25 08
" 22	Paving sides of cross walks Huron and Division....	16 10			16 10
" 28	Paving gutter on North State.....	25 95			25 9
" 31	Lowering man hole on Packard.....	1 30			1 3
Aug. 2	Paving sides of brick cross walks,				
	North side Madison across Thompson..	6 00	3 00		9 00
" 3	Es de of E Univers ave across Willard	6 00	3 00		9 00
" 4-5	South side Liberty across First	9 00	4 10		13 10
" 6	Maynard and Liberty.....	6 00	3 00		9 00
" 7	State and S. University ave. south side	6 00	3 00		9 00
" 1-7	Drawing dirt from cross walks.....		15 90		15 90
" 9	Six loads of paving stone.....				6 00
" 14	Nine loads of paving stone				9 00
" 14	Cess pool in alley between Fourth and Fifth Avenues on Washington.....	7 80		brick & cement 9 50	17 30
" 10	Paving cross walks on sides,				
" 11	East side o Fifth ave across Packard..	9 00			9 00
" 14	State and Williams.....	6 00			6 00
" 16	Washington and Ashley.....	9 60			9 60
" 16	Washington and Thayer.....	6 00			6 00
" 17	Williams and State.....	6 00			6 00
" 18	Packard and Monroe.....	6 00			6 00
" 19	Jefferson and First	6 00			6 00
20-21	Fifth and Liberty, two walks.....				9 00
" 21	Ten loads paving stone.....				10 00
" 26	Repairing alley on Washington south side between Fourth and Fifth ave.....				5 85
" 30	William and Fifth, two walks.....	12 00	3 00		15 00
" 31	Main and William.....	6 00	3 00		9 00
Sept 1-2	Liberty and Seventh, two walks.....	15 60	4 50		20 10
" 3	Division and Washington..	10 00	3 00		13 00
" 4	Division and Huron, two walks.....	9 00	3 00		12 00
" 7	Seven loads of paving stone.....				7 00
" 7	One load of coping stone.....				1 25
" 8	Liberty and Division, two walks.	12 00	6 00		18 00
" 8	Carting stone from sewer to yard.....	4 50	9 00		13 50
" 9	East side State and South University..	9 00			9 00
" 10	South University and East University	9 00			9 00
" 9	Six loads stone, two loads sand.....				8 20
" 14	Paving gutter on N. Division.....	21 90	9 00		30 90
" 16	Hiscock and Spring	8 25	3 00		11 25
" 17	Ashley and Washington	6 00			6 00
Oct 1-2	State and Monroe, two walks.....	13 50	9 00		22 50
" 9	Detroit and Catherine.....	8 70	3 00		11 70
" 6	Paving gutter on N State.....	22 50	6 00		28 50
" 6	Drawing stone from sewer.....				18 00
" 11	Paving gutter north side of Wall.....			
" 13	Paving gutter North Fifth				17 31
" 13	Repaving gutter on Broadway.....	7 42			7 42
Total					\$471 51

BRIDGES AND CULVERTS.

1897		Hand	Team	Lumber	Total
Mar 17	Repairing bridge on Mill street.....	\$ 8 85	\$ 1 50	\$ 9 30	\$ 18 15
Apr 26	Culvert across Seventh north of Huron street.....	50 61		tile 54 12	104 73
May 27	Drawing brick from cars.....	8 10	14 40		22 50
" 27	Tile drain on West Jefferson street.....	38 25	3 00	tile 69 70	100 75
Jun 21	Box culvert across Packard east of State street.....			15 50	15 50
	Labor charged to Packard st.....				
July 10	Tileing culvert on Spring street.....		11 25		11 25
" 24	Box culvert across Division on Washington.....	19 15	5 60	18 90	44 00
19-24	Drawing stone and dirt from cross-walks.....	11 10	27 60		38 70
" 24	Box in walk on south side of Washington between Fourth and Fifth avenues..	2 70	1 00	2 00	5 70
" 24	To James Hanby. 2000 ft of oak plank.....				29 50
" 31	Drawing brick.....	7 50	12 00		19 50
" 31	Removing dirt from cross-walks.....		6 30		6 30
Total					\$416 63

WORK PERFORMED BY JULIUS FUNKE

PIPING ON FULLER STREET NEAR STATE ST.	
For labor.....	\$ 8 00
12 lbs portland cement.....	10
1 sack cement.....	30
42 ft pipe at 15c per ft.....	6 30
1 12-in. curve.....	65

Total.....	15 35
6 ft tile returned to yard.....	90

Balance..... 14 45

PIPING ON WILLIAM ST. AND 3D ST.	
Labor.....	\$ 9 50
Cement.....	60
39 ft pipe at 15c per ft.....	8 19

3 ft 15 in. pipe returned to yard.....	63
Total.....	19 29
	63
Total.....	18 66

BROADWAY, JONES AND MILL STS.

Hand labor.....	\$157 23
Team labor.....	63 45
Cement.....	30
Lumber.....	3 71
Gravel, 18 loads at 10c.....	1 80
15 ft flag stone from yard.....	45
16 ft 8 in pipe at 12c per ft.....	1 93
10 ft 20 in pipe at 56¼c per ft.....	5 63

Total cost of improvement..... 234 49

Credit.

Work opening gravel bank, hand labor, 97 hrs at 15c per hr..	\$14 55
Team labor, 20 hrs at 30c per hr...	6 00
15 ft flag stone taken to yd at 2 c.	4 76
10 loads stone taken to yard at 80c	8 00
7 loads stone sold to Mahlke at 7 c	5 25

Total.....\$38 56 38 56

Balance as total cost improvement \$195 93

IMPROVEMENT ON S. UNIVERSITY AVE—S. Drive

Hand labor.....	\$ 323 78
Team labor.....	113 05
Stone from old yard, 136 yds at \$1.04..	141 44
Stone from new yard, 289¾ yds at \$1.00	289 33
Stone from Koch, 16 yds at 60c p r yd..	9 60
Gravel, 170 loads at 69c per load.....	117 30
Bars for culvert.....	2 00
Cement.....	90
One 12 in "T"; one 12 in. "Y".....	2 00
One curve.....	70
16 ft. 10 in. pipe from yard at 16½c.....	2 64
54 ft. 12 in. pipe at 22c per ft.....	11 88
100 paving brick from yard.....	1 40
3 ft. 8 inch pipe at 12c per ft.....	36
One grate.....	1 52
Coal.....	20 25

Total.....\$1038 15

ON SOUTH UNIVERSITY AVE—NORTH DRIVE.

Hand labor.....	\$145 46
Team labor.....	71 99
Gravel, 50 loads at 6 c per load.....	34 50
Brick, 1000.....	7 50
Cement.....	90
Flag stone, 5½x6 ft at 22c per ft.....	7 20
One 12 in "T".....	1 00
20 ft 12 in pipe at 22c per ft.....	4 40
Grate bars.....	1 00
Bars for culvert.....	2 00
2 grates.....	3 05
42 ft 8 in pipe at 12c per ft.....	5 04
2 elbows.....	90
1 ton coal.....	6 50
6 ft 12 in pipe at 22c per ft.....	1 30

WORK DONE BY CONTRACT.

Renumbering the houses and business places of the City of Ann Arbor:

2950 houses renumbered.	
No. of numbers used.....	9312
No. of numbers on hand.....	1052
Total.....	10394

10394 numbers at .0247.....	\$258 73
1161 hrs labor putting on Nos. at 15c....	174 15

Total expense of numbering city...\$432 88

Cutting weeds, July, '97, 7 wards at \$25.	175 00
Surface sewer on S 5th avenue between Jefferson and Madison	
Louis Rohde, tile.....	\$157 66
Mast & Eagle, laying tile.....	102 67
Koch Bros, extending culvert on S 7th.	150 00

Wm Copeland, build add to Eng House	957 00
Aug Tessmer, sodding upper triangle on Detroit st.....	7 78
Sodding lower triangle on Detroit st	33 92
Cochran & Schaible, grading Miner st..	117 82
Clarence Dixon, grading Packard st..	2 7 60
Mast & Eagle, drawing 389¼ cubic yds stone on Division st.....	151 84
Barnard Morrison, curbing Hanover Sq and paving gutter.....	34 60
Gottlieb Kugath' curbing Hanover Sq.	50 19
Wm Kuehn paving on Spring st.....	44 45
August Tessmer, paving on Spring st..	13 13
Wm Kuehn, paving north side Hill st..	76 20
" paving south side Felch st	13 13
August Tessmer, paving alley in rear Robison's Livery.....	65 82
Paving on east side of 5th ave N.....	32 36
Titus F Hutzler, laying tile on W. Washington st and filling Hunters's Pond	287 24
Gage & Tucker, extending culvert on Spring st.....	43 50
Cochran & Schaible, 115¼ loads gravel on Madison and 1st at 35.....	31 57

Samuel Pike Brick Crosswalks Contract On Across Price

N side E Washington	Fifth ave.....	69 00
S side E Washington	Fifth ave.....	66 58
W side S Fifth ave	E Washington...	49 45
E side S Fifth ave	E Washington...	49 32
E side S Division	E Washington...	69 64
S side E Washington	S Division.....	57 02
W side S Division	E Liberty.....	56 56
S side E Liberty	E Division.....	55 56
S side E Huron	S Division.....	62 70
N side E Huron	S Division.....	47 16
W side S Division	E Huron.....	85 27
E side S State	S University ave	104 31
E side S Seventh	W Liberty.....	61 98
S side W Liberty	S Seventh.....	57 03
W side E University	S University ave	119 84
S side Hiscock	Spring.....	58 12
W side S Twelfth	N University ave	108 24
W side State	E Huron.....	63 76
E side State	E Huron.....	89 27
S side E Huron	State.....	61 38
E side Detroit	E Catherine.....	70 76
E side S Ashley	W Washington...	50 41
W side S State	Monroe.....	57 96
N side Monroe	S State.....	58 72
W side Spring	Hiscock.....	53 57
S side W Huron	S First.....	55 62
N side W Liberty	S First.....	55 96
N E side Washtenaw ave	Wilmot.....	45 40
Diag W Liberty	S First.....	84 03

Total.....\$1925 62

MARCH 7, 1898.

155

PRIVATE SIDEWALKS BUILT BY CONTRACT.			
Mrs Catherine Jones, S. Ingalls		66 ft at \$2 50 per rod.....	9 97
134 ft at \$2 50 per rod.....	\$ 20 30 pd	Jno Karberg, N 1st st..4 rds at \$2 47	9 88
McNames, S. University-ave		Kitson Est, N 1st st...5 rods at 2 47	12 35
73 ft at \$2 50 per rod.....	11 05	Mrs McNally.....8 rods at 2 47	19 76
Mrs. Catherine Ryan, Wall st		S E Smith Est.....	5 90 pd
26 ft at \$2 50 per rod.	3 93	John Kapp, Miller addition.....	1 30
M E Mission, Wall st		Total	118 44
53 ft at \$2 50 per rod.....	8 00	Amount paid.....	42 20
James Bach, Wall st		Balance due	\$ 76 24
106 ft at \$2 50 per rod.....	16 00 pd		
Mrs Fritz, Wall st			