

On motion of Mr. Taff the Clerk was authorized to call a public meeting of citizens, to assemble in the basement of the Presbyterian Church at such date as he may be able to most conveniently arrange, for the purpose of nominating candidates for members of the Council to be voted for at the general town election on Monday, May 5, 1919.

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On motion of Mr. Taff the Treasurer was authorized to compensate the members of the Board of Assessors \$5.00 each for services

There being no further business the Council thereupon, at 9:45 o'clock, adjourned.

Approved:

W. G. Platt Mayor

Samuel Davis, Clerk

Monday Evening, May 5, 1919.

A special meeting of the Council was held this date, convening at 8 o'clock, for the purpose of hearing the report of the Judges of Election, for opening bids for certain public work and for such other business as may be presented.

There were present the Mayor and Councilmen Lillie, Miller, Rogers and Taff

Mr. S. R. Kyle, Chairman of the Board of Election Judges laid before the Council the following report:

To the Mayor and Council, Town of Takoma Park, Maryland.	Takoma Park, Md., May 5, 1919
Gentlemen: The undersigned, duly appointed and qualified as Judges of Election, beg leave to submit the following report in regard to the annual town election, held in the basement of the Presbyterian Church, this date:	
The Board of Judges organized by the selection of Mr. S. R. Kyle as Chairman and Mr. H. A. Mooers as Clerk after having taken the required oath before the Mayor. The polls were opened at the legal hour of 6 o'clock a.m., and were closed at the legal hour of 6 p.m.	
The following persons were balloted for as Councilmen and received the number of votes each set forth opposite their respective names: Homer Query, 14; H. B. Hendrick, 109; H. W. Miller, 106; H. E. Rogers, 111; C. A. Tullar, 23. The total number of votes cast was 121.	
It therefore appears from the ballots cast that the following three candidates received the highest number of votes cast and are hereby declared duly elected as members of the Town Council for a term of two years beginning June 2, 1919: H. B. Hendrick, H. W. Miller, H. E. Rogers.	
Attest H. A. MOOERS, Clerk	Very Respectfully S. R. KYLE L. M. MOOERS H. W. SCHERGER Judges of Election

On motion of Mr. Taff the report was received, approved and ordered filed, and the Treasurer authorized to pay the usual compensation to the election officials for their services.

The Mayor informed the Council that this time and place had been set apart for the opening and consideration of bids for the construction of concrete streets and cement sidewalks, that advertisement therefor had been made in accordance with law and that the Council would now proceed with that business. The Clerk announced the receipt of but one proposal which upon opening was that of Messrs. _____ of Washington, D.C., in proper form, with certified check for \$500, and proposal as follows:

On motion of Mr. Taff the proposal was referred to the Street Committee with request for consideration and report, with recommendation; to the Council at the earliest practicable date.

Dr. Miller, from the Water and Sewer Committee, reported that the small engine used for lifting water into the filter at the pumping plant had broken down and would need thorough overhauling and repairs before it could again be of service. As the need of a new engine is most urgent he had the purchase of one already under way and requested that authority therefor be given.

On motion of Mr. Taff the Water and Sewer Committee was authorized to purchase a new engine for the filter plant and to have the old engine placed in thorough repair for emergency uses.

The Clerk presented a petition numerously signed by residents and property owners on Ethan Allen Ave., requesting extension of the water main thereon eastward from Cedar Avenue. The petition was referred to the Water and Sewer Committee for report.

The Mayor addressed the Council briefly as to the attitude of the Suburban Sanitary Commission toward Takoma Park and its water and sewer system, to the effect that he was unable to secure any positive expression of the Commission's purpose in taking over the system, nor had he any official knowledge of any proposed conference with the Mayor and Council relative thereto.

On motion of Mr. Taff the Clerk was directed to address a letter to the Suburban Sanitary Commission informing them of the necessity of early and authentic information of the Commission's intentions as regards the Takoma Park water and sewer system; that the Town contemplates certain urgent improvements if it is to continue to administer the systems but which would require changes in plans and purposes if the systems are to be taken over and urging that a prompt understanding be reached.

There being no further business the Council, at 8:45 o'clock adjourned.

Approved:

Mayor

Ben Q. Davis Clerk

Tuesday evening, May 6, 1919.

A special meeting of the Council was held at the office of the Clerk this date, convening at 7:30 o'clock for the purpose of hearing the report and recommendation of the Street Committee regarding bids submitted for concrete roadways and cement walks.

There were present the Mayor and Councilmen Lillie, Miller, Rogers and Taff.

Mr. Rogers, from the Street Committee, reported that the Committee had carefully considered the proposal of for constructing concrete roadways and cement walks; that an analysis of their figures showed the probable cost of the former ^{\$11.00} per linear foot and of the latter, \$1.10 per linear foot. In the judgment of the Committee these prices are excessive and the Committee felt constrained to recommend that the proposal be rejected, and the certified check for \$500 returned to the bidder.

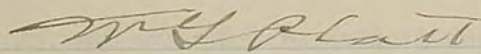
On motion of Mr. Lillie the report and recommendation of the Committee were approved.

After consultation as to the possibility of having this work done by the Town and in the nature of experiment as to the cost thereof, Mr. Taff moved that Mr. Rogers be requested to consult with the proper officials of the General Conference Corporation, and if they approve that the walk requested by them on Laurel Avenue be proceeded with by day labor under the Town's direction or by contract if the latter can be done advantageously. The motion was carried.

Dr. Miller informed the Council that the Sanitarium authorities possessed a small concrete mixer which could probably be used to advantage by the Town, and as their work was nearing completion it could probably be purchased at a reasonable price. Upon motion of Mr. Taff the Street Committee was authorized to negotiate with the proper authorities for the purchase of the mixer.

There being no further business the Council, at 8:05 o'clock, adjourned.

Approved:

 Mayor

 Clerk.

Monday Evening, May 12, 1919.

The Council met at 8 o'clock. There were present the Mayor and Councilmen Hendrick, Lewton, Rogers and Taff.

The minutes of the last regular meeting and of the special meetings of May 5 and May 6, were read by the Clerk and approved.

The monthly report of the Treasurer, duly examined and approved by the Finance Committee, was submitted as follows:

Balance on hand last report	\$ 7485.63	salary of engineer	\$ 110.00	
Receipts:		assistance to engineer	60.55	749.62
From general taxes	\$ 79.72	Water System; miscellaneous		172.19
" special taxes	300.46	Sewer " "		12.80
" water rents	477.93	Street work: labor	118.90	
" meter advances	11.50	material	25.20	144.10
" water and sewer permits	22.00	Concrete streets		10.92
" gas permits	3.00	General expenses: printing	17.99	
" building permits	6.00	postage	1.25	
" builders' deposits	20.00	telephones	9.40	28.64
	920.61	Street lighting		162.50
	8406.24	Interest on bonds		1072.50
Disbursements:		Miscellaneous		218.75
Pumping and filter plants; miscel	29.25	Builders' deposits returned	10.00	2757.02
fuel oil	549.82	Balance on hand		\$ 5649.22
Salaries: clerk and Treasurer	50.00			
Supt. of Public Work	125.00			

On motion of Mr. Taff the report was received and ordered filed.

A communication from Mr. H. Loveday requesting use of the town water on his lot No. 7, Davis Avenue, was referred to the Water and Sewer Committee for consideration and report.

Mr. Jack, appeared before the Council and stated that having acquired property on Jackson Avenue he was desirous of having the street placed in passable condition and water main extended thereon. His request was referred to Water and Sewer and Street Committees for report.

Mr. Morris Bien and several accompanying residents of Pine, Montgomery and Ash Avenues appeared before the Council with reference to the bad condition of the streets mentioned and earnestly requested the Council to take immediate steps toward their improvement.

Mr. Murphy of Murphy & Coshigan, whose bid for concrete streets and walks had been rejected, appeared before the Council and announced the willingness of the firm to do the work referred to upon a percentage basis. Upon suggestion of the Mayor Mr. Murphy was requested to take the matter up with Mr. Rogers, Chairman of the Street Committee.

The Mayor stated that in accordance with public and legal notice given as required by law the Council would now sit as a Board of Review for the purpose of hearing and determining any complaints against the annual town assessment of real and personal property for the purpose of taxation, as submitted by the Board of Assessors. No complaints of any nature having been submitted or presented the Council thereupon resumed its regular session.

Mr. Taff, from the Finance Committee, submitted the following bills examined and approved for payment:

C and P. Telephone Co. Rentals --- \$ 10.60	Evening Star Newspaper Co. Adv. --- \$ 4.76	E. I. du Pont Co. filter alum --- \$ 33.75
Col. Brnck and Coal Co. Cement & gravel 32.22	Standard Oil Co. rental tank car 2 days 3.50	Wallace and Tiernan Co. Repairs --- 47.60
National Pub. Co. Printing --- 9.00	" " " Kerosene --- 36.30	V. E. Dietel, auto service --- 6.50
Wash. Miss. College Press - Printing - 9.55	" " " Lubricating oil --- 69.65	<u>284.41</u>
Aug. Mietz Corp. Engine Repairs - 10.18	Neptune Meter Co. Meter repairs --- 10.80	

On motion of Mr. Taff payment of the bills was directed.

Mr. Hendrick, from the Health Committee reported that investigation had been made as to unsanitary conditions existing at the house on the lower end of Elm Avenue near Ash Avenue and suggested that the water and sewer committee investigate and report as to the possibility and availability of sewer connections therefor, which suggestion was approved.

Mr. Hendrick reported further that the work of "Clean-up Week" was still progressing and that the service had been requested by twice as many residents as last year and that the work was being done very satisfactorily. Also that personal investigation had verified the fact that swine were being kept on premises on Holly Ave, contrary to the provisions of the Town ordinances.

Mr. Rogers, from the Street Committee reported the receipt of a bid, amounting to \$ _____, for replacement of the Klep gateway. This amount was considered excessive and the Committee requested to secure additional bids if possible.

On motion of Mr. Rogers an appropriation of \$50 was authorized for the improvement of Carroll Avenue, from Laurel Ave. to the District Line and an appropriation of \$500 authorized for repairs to Montgomery, Pine Elm and Ash Avenues.

The following Ordinance was presented for consideration of the Council:

Ordinance No. 331

Be it Ordained by the Mayor and Council of Takoma Park, Maryland:

Sec 1. That the revised assessment of real property for the purposes of municipal taxation as submitted by the Board of Assessors, be and the same is hereby approved and adopted as the assessment for the fiscal year beginning July 1, 1919, the Council having sat as a Board of Review at its regular meeting of May 12, 1919, of which meeting due notice was given as required by law, no complaints or objections having been submitted.

Mr. Taff moved that the Ordinance be adopted and the Ordinance was adopted upon an aye and nay vote as follows: voting aye the Mayor and Councilmen Hendrick, Lewton, Rogers and Taff; voting nay, none.

The Council discussed at length the matter of the tax rate for the ensuing fiscal year, at the conclusion of which Mr. Hendrick moved the fixing of the rates as set forth in the following Ordinance:

Ordinance No. 332.

Be it Ordained by the Mayor and Council, Town of Takoma Park, Maryland.

Sec. 1. That a general tax of Seventy-five Cents on each \$100 of assessed valuation of real property within the corporate limits of the Town of Takoma Park, Maryland, as shown by the assessment adopted by the Council May 12, 1919, be, and the same is hereby levied for the fiscal year beginning July 1, 1919.

Sec. 2. That an additional tax of Sixty-five Cents on each \$100 of assessed valuation of real property within the corporate limits of the Town of Takoma Park, Maryland, as shown by the assessment adopted by the Council May 12, 1919, be and the same is hereby levied for the payment of interest, creation of a sinking fund and maintenance of a water and sewer system, for the fiscal year beginning July 1, 1919.

Mr. Hendrick moved that the Ordinance be adopted and the Ordinance was adopted upon a aye and nay vote as follows: voting aye Councilmen Hendrick, Lewton and Taff; voting nay the Mayor and Councilman Rogers.

There being no further business the Council, at 10:10 o'clock p.m., adjourned.

Approved:

W. L. Platt

Mayor.

B. W. Davis

Clerk

Thursday Evening, May 15, 1919

An informal meeting of the Council was held at the office of the Clerk this date, convening at 8 o'clock, for the purpose of meeting and conferring with the members of the Washington Suburban Sanitary Commission, relative to the matter of the taking over, by the latter of the water and sewer system of the Town. Those present were Mayor Platt, Councilmen Hendrick, Lewton Lillie and Taff and the members of the Commission, Messrs. William T. S. Curtis, J. William Bogley and Mr. T. Howard Duckett.

After preliminary courtesies, introductions, etc., Mr. Curtis, in a statement to the Council, outlined briefly the plans of the Commission and its desire to push the work as rapidly as it was possible to do so. He explained that the first urgent necessity was to secure an adequate water supply for the several districts within the Suburban area and described the projects which the Commission had under consideration. The probability of securing water from the District of Columbia, Mr. Curtis stated, was remote so that in its plans the Commission was not taking this into consideration. In this particular district, Silver Spring was the urgent point and for the present should be supplied from the Takoma system, if there were sufficient water available. Mr. Curtis stated that the plans of the Commission included supplying Kensington and vicinity from Rock Creek and that Takoma Park's supply could be augmented from this source if necessary. Mayor Platt called attention to the fact that the Sliquo had always supplied an ample amount of water, even in the driest season, and expressed his opinion to the effect that there was an ample amount from this source for both Takoma Park and Silver Spring. Mr. Curtis declared this to be an agreeable surprise as he had formed the impression the supply was insufficient and that if the Mayor were correct the problems of the Commission would be simplified.

The discussion was continued informally in general terms and ended with the understanding that the Mayor and Council would at once proceed to a determination of the value of the plant and would notify the Commission when a further conference was deemed advisable.

Saturday evening, May 24, 1919.

Upon call of the Mayor a special meeting of the Council was held at the office of the Clerk this date, convening at 8 o'clock for the purpose of advising in regard to the proposed transfer of the water and sewer system to the Washington Suburban Sanitary Commission. There were present the Mayor and Councilmen Hendrick, Lewton, Lillie, Miller and Rogers and in addition the following citizens: Messrs. Edward M. Douglas, Mr. Morris Bien, and Mr. Lee R. Grabill and Mr. E. N. Jackson.

The Mayor stated that in view of the importance to the Town of the matter involved in the business before the Council—the disposal of the water and sewer system, he had deemed it proper to invite several representative citizens to be present not only for the purpose of giving the citizens a more direct interest in the business but in order that the Council and the community might profit by their advice and counsel. Messrs. Douglas, Bien and Grabill, the Mayor stated, had all served at times as members of the Council and were conversant with the affairs of the town government and in addition thereto were specialists in the matters under consideration while Mr. Jackson's intimate knowledge of the ~~layout~~ layout of the town, its streets and water and sewer lines, for many of which he furnished the grades and levels, fitted him as most valuable in assisting in the valuations which the Council are to determine. The Mayor stated that his idea was to have the Council, in its considerations of this particular business, together with the gentlemen named, to sit as an advisory board in which all should have equal voice and vote and its recommendations to be submitted to the Council for final action. If this suggestion met with the Council's approval the Mayor stated that he would entertain a motion to that end.

Mr. Rogers moved that the recommendation of the Mayor as above submitted be approved. The motion was carried.

Continuing in session under the above order the Advisory Board consulted in informal discussion of the best methods of procedure to a determination of an equitable present value of the water and sewer systems upon which to base a fair proposition to the Sanitary Commission. It was ultimately agreed, in line with court decisions quoted by Mr. Bien and with recommendations of the American Society of Engineers that the present value of the plant would be the cost to reproduce it under existing and prevailing circumstances less a determined per cent of depreciation based upon standard authority.

The Advisory Board recommended as preliminary work that Messrs. Rogers and Jackson be authorized to determine from

the records of the Town the total linear feet of water and sewer mains, fire hydrants, etc., and the original cost thereof and that the Town Clerk be directed to obtain, if possible, from the contractors who installed the filter plant, the water tower, and the oil engine the cost of their reproduction at this time together with their estimates of the depreciation which they have respectively sustained.

Resuming its session in Council Dr. Miller presented the above recommendations of the Advisory Board and moved their approval, which motion was unanimously carried.

There being no further business the Council thereupon adjourned to meet Monday evening, June 2, at the Clerks office.

Approved:

W. H. Platt Mayor

Bruce Davis, Clerk.

Monday Evening, June 2, 1919.

In accordance with adjournment of the last meeting the Council met in special session at the office of the Clerk, convening at 8 o'clock. There were present the Mayor and Councilmen Lewton, Lillie, Miller and Rogers and Messrs Bien, Douglas and Grabill.

Proceeding in the capacity of Advisory Board the following report was submitted by the special subcommittee:

To the Chairman,

Takoma Park, May 31, 1919.

Takoma Park Committee on Waterworks and Sewer Valuation.

Sir: The following data, relating to valuation of waterworks plants, are the best obtainable in the limited time available.

The depreciation of cast iron water mains from outside rusting is so small that it may be considered as a negligible quantity for the present discussion. The inside corrosion or "fuburculation" is much more pronounced.

The Superintendent of the District of Columbia waterworks stated that the depreciation of cast iron water mains from inside rusting is a very uncertain quantity and he declined to make even a guess as to its amount. He stated that he had not been obliged to replace any of the District of Columbia mains because of inside corrosion. He has seen mains taken up after having been in use for many years which showed an almost negligible interior rusting.

In the proceedings of the American Water Works Association for 1907, page 316, there is a table showing the depreciation that had been observed by the writer of the article for cast iron water pipes that had been in use for from 14 to 30 years from which your subcommittee has computed annual depreciations as follows: 4" pipe, 1.4% depreciation per year; 6" pipe, 1.3%; 10" pipe, 0.5%; 16" pipe 0.6%. A table in the Engineering News for November 3, 1910, gives probable life of parts of water works plants. From the figures there given which are in part copied below, we have estimated what we believe would be a fair allowance for the life of the Takoma plant:

	Genl. limits of useful life - Years	Conservative Esti- mate for Takoma - Yrs		Genl. limits of Useful life - Years	Conservative Esti- mate for Takoma - Yrs
Steel Stand Pipes -----	25 to 40	30	Cast iron pipe (small sizes) -----	30 to 50	40
Masonry Buildings -----	30 " 50	40	Hydrants -----	35 " 50	40
Filter Plants -----	25 " 50	35	Valves -----	40 " 50	40
Ordinary Pumping Machinery -----	20 " 30	20	Meters -----	15 " 25	20
Cast iron pipe (large) favorable condition -----	60 " 100	60			
Same, unfavorable conditions -----	50 " 75	60			

John W. Alvord, an eminent sanitary engineer, in an address made in 1910, before a water works association, gives several methods of appraising the value of a water plant, the first of which is this: "The method of reproducing the property and business at present cost, lessened by any depreciation which the original plant or business has suffered." This method, he states, is "the method one which the courts and appraisers have most commonly used." This is the method used in the Minnesota Rate Cases and forms the basis of the discussion of the case by the United States Supreme Court; and this is the method which your sub-committee believes should be adopted for the valuation of the Takoma plant.

MORRIS BIEN
E. M. DOUGLAS
L. R. GRABILL

Mr. Grabill moved that the report be adopted as the basis of the computations for the present value of the water works system, except as to stand-pipe, filter plant and oil engine which valuations are to be based upon the manufacturers or contractors estimates, submitted in reply to the request of the Town Clerk. The motion was carried.

Mr. Grabill stated that he was obtaining figures as to the prevailing cost of sewer construction and of laying of water mains in the District of Columbia and would submit estimated annual depreciations upon which to base present worth of water and sewer lines.

On motion of Mr. Bien, Mr. H. E. Rogers was authorized to proceed at once, upon the basis above submitted, and the figures to be supplied by Mr. Grabill, in a detailed and comprehensive valuation of the water and sewer systems, to be submitted to the Council and the Advisory Committee, at the earliest practicable date.

The proceedings of the Advisory Committee above recorded were submitted to the Council and were confirmed and approved. The Council thereupon, at 10 o'clock p.m., adjourned.

Approved:

W. H. Davis

Mayor.

W. H. Davis

clerk

Monday Evening, June 9, 1919,

The Council met at 8 o'clock. There were present the Mayor and Councilmen Lewton, Lillie, Rogers and Taff.

The Mayor administered the oath of office to Councilman Rogers for the new term beginning June 2 and announced that Mr. Hendrick had taken the oath for his new term beginning at the same time.

The minutes of the last regular meeting and of the special meetings of May 15th and 24th were read and approved.

The monthly report of the Town Treasurer, duly examined and approved by the Finance Committee, was submitted as follows:

Balance on hand last report	\$ 5649.22	assistance to engineer	\$ 47.08	322.43
Receipts:		Water System: miscellaneous		24.35
From general taxes	\$ 3.67	Sewer System: "		6.40
Special "	363.35	Street work: labor	145.60	
water rents	16.50	material	32.22	177.82
water meter advances	32.50	Concrete streets		4.76
water and sewer permits	5.00	Collection of rubbish		86.05
gas permits	7.00	Collection of garbage		22.40
miscellaneous	13.68	General expenses: printing	18.55	
building permits	10.00	telephones	10.60	29.15
	451.70	Street lighting		162.50
	6100.92	Miscellaneous		16.00
Disbursements:		Salaries: clerk and treasurer	50.00	
Pumping plant: miscel.	\$ 125.55	Supt. of Public Work	125.00	175.00
fuel oil	39.80			1026.86
salary of engineer	110.00	Balance on hand		\$ 5074.06

On motion of Mr. Taff the report was received and ordered filed.

A communication from Mr. Roy E. McGuire stated his profession as that of a "tree surgeon" and suggesting that attention be given to trimming of trees along the streets, etc, for which his services were available, was referred to the Street ^{Committee,}

A communication was presented from Mr. H. S. Brown requesting permission to construct a cess pool at his residence, 2nd and Eastern Avenue. Mr. Brown was advised to submit his plans to the Health Committee for approval.

A petition from certain residents on Flower Avenue for water main was referred to the water and sewer committee.

A petition from certain residents on Flower Avenue for cement sidewalks was referred to the Street Committee.

A petition was laid before the Council from certain residents on Hancock and Sheridan Aves, requesting abatement of an alleged nuisance at 414 Hancock Ave.

Mr. W. A. Mellen appeared before the Council and presented a request for a useable approach into Wildwood where the owners are contemplating building operation. The matter was referred to the Street Committee.

Mr. Morris Bieh addressed the Council relative to the improvement of "Spring Park" reservation and stated that the ladies in that section of Town would endeavor to raise the sum of \$100 for that purpose and would appreciate a contribution of a similar amount from the Town.

Mr. Allard, of Poplar Ave, again urged the Council to protect his property from overflow by surface water.

Mr. Taff, from the Finance Committee, submitted the following bills, approved for payment:

Washington Rubber Co. Boots _ _ _ \$ 7.50	Rudolph & West Co. Shovels _ _ _ \$ 7.50	Columbia B+C Co. Cement, etc _ _ \$ 82.36
Neptune Meter Co. Repairing Meters _ 39.55	H. H. Spencer, lime and hauling _ _ 6.90	Hunter Bros. Engine _ _ _ 225.03
Wash. Miss College - Printing _ _ _ 5.00	Standard Oil Co. Fuel Oil _ _ _ 39.00	H & M. Seaman, distr. circulars 3.00

On motion of Mr. Taff the bills were approved and payment directed.

Mr. Rogers, from the Street Committee, moved an appropriation of \$200 additional for grading of Boyd Ave. and for improving of the line of old Carroll Avenue. Carried and so ordered.

Mr. Rogers, from the Street Committee moved that \$35.00 additional to the \$50 already paid be allowed C. W. Owens for construction of cement street crossings. The motion was carried.

The Street Committee submitted a proposal of Frank Ginechesi, 2435 18th St., Washington, D.C., of \$160 for putting in foundation and moving thereon the stone gates at residence of Mr. Kleps and on motion of Mr. Taff, proposal was accepted.

Upon suggestion of the Mayor and on motion of Mr. Rogers the Ordinance Committee was abolished and its duties transferred to the Judiciary Committee and a new standing Committee created to be known as the Committee on Civic Improvement, The Mayor appointed as members thereof Councilmen Lewton, Chairman, Taff and Rogers.

Proceeding to the election of officers for the ensuing year, Mr. Taff moved that Mr. Ben G. Davis be elected Clerk and Treasurer; Mr. Rogers moved that Mr. E. E. Blodgett be elected Superintendent of Public Work. There being no further nominations both gentlemen were unanimously elected.

On motion of Mr. Taff all the present bailiffs and deputy bailiffs were appointed for the present fiscal year.

On motion of Mr. Lillie, Mr. J. Bond Smith was unanimously reelected as Corporation Counsel.

Mr. Rogers, from the Street Committee, submitted the following Ordinance:

Ordinance No. 333.

Be it ordained by the Mayor and Council of Takoma Park, Maryland.

Sec. 1. That, in accordance with the provisions of the Act of the General Assembly of Maryland, approved March 3, 1904, the following public work is contemplated in furtherance of the public health and convenience, the total cost of which will be assessed against the property herein enumerated; namely: Cement sidewalk on the east side of Flower Avenue between Carroll and Jackson Avenues, abutting lots 1, 15, 16 and 17, in Block A, and lots 1, 2, 3, 4, 5 and 6 in block C, Cunningham Subdivision, at an estimated cost of \$1.25 per linear foot.

Sec. 2. The Mayor and Council, at their regular meeting on Monday evening, July 14, in the basement of the Presbyterian Church, will hear all parties interested in the proposed public work.

Inf. 359

Mr. Rogers moved that the Ordinance be adopted and the Ordinance was adopted upon an aye and nay vote as follows: voting aye, the Mayor and Councilmen Lewton, Lillie, Rogers and Taff; voting nay, none.

The Council discussed at some length with Messrs. Grabill, Douglas and Bien, the matter of depreciation of sewer pipe lines in connection with the pending valuation of the sewer system, the decision reached being a 3% annual depreciation on lines running through wooded areas and a 1% annual depreciation on lines in streets. Councilman Rogers and the Town Clerk were requested to proceed at once with the valuation on this basis and to inform the Mayor upon its completion with the view of a special Council meeting to consider the matter.

There being no further business the Council, at 10:30 o'clock adjourned.

Approved:

M. C. Hart

Mayor

Bruce Davis

Clerk.

Monday Evening, June 16, 1919.

A special meeting was held at the office of the Clerk this date, convening at 8 o'clock for the purpose of receiving the report of Mr. Rogers and the Town Treasurer upon the calculated valuation of the water and sewer system. There were present the Mayor and Councilmen Lewton, Lillie, Miller, Rogers and Taff; and Messrs. L.R. Grabill, E.M. Douglas and Morris Bien.

Messrs. Rogers and Davis announced that the figures relating to the valuations had been arrived at, but that the time had been too short to put them in typewritten form for submission to the Sanitary Commission; it was thereupon agreed that an additional day be allowed and that when the Council adjourn it be to meet tomorrow evening at the Clerk's office.

Mr. Rogers laid before the Council a deed from the West Penn Land Co. to the west 40 feet of lot 21, in block 16, conveying such land to the Town of Takoma Park for the purpose of a street connection from Elm Avenue to the Pine Crest subdivision. The deed was referred to the Street Committee for report and recommendation.

Mr. Rogers, from the Street Committee, submitted the following ordinance with recommendation for approval:

Ordinance No. 334

Be it Ordained by the Mayor and Council of Takoma Park, Maryland.

Section 1. That, in accordance with the Act of the General Assembly of Maryland, approved March 3, 1904, it is contemplated in accordance with the public health and convenience to construct cement sidewalks, four (4) feet in width, on both sides of Boyd Ave, at an estimated cost of \$1.20 per linear foot, to be assessed against the abutting property, namely: lots 6, 10, 11, 12, 13, 14 and 15 in block 39, and lots 5, 16, 17, 18, 19, 20 and 21, in block 40, of Fred L. Glaize's Addition to Takoma Park.

Section 2. The Council, at its regular meeting in the basement of the Presbyterian Church on Monday evening July 14, at 8 o'clock, will hear all persons interested and who desire to be heard relative to the work herein proposed.

On motion of Mr. Rogers the Ordinance was adopted upon an aye and nay vote as follows: voting aye, the Mayor and Councilmen Lewton, Lillie, Miller, Rogers and Taff; voting nay, none.

There being no further business the Council, at 9 o'clock p.m., adjourned to meet at the Clerk's Office, Tuesday evening, June 17 at 8 o'clock.

Approved:

M. J. Lewis

Mayor

Bruce Davis, Clerk

Sec. 334

Tuesday evening June 17, 1919

Pursuant to last adjournment the Council met at the Clerk's Office at 8 o'clock to hear the valuation report as prepared and submitted by Councilman Rogers and the Town Treasurer. There were present the Mayor, Councilmen Lewton, Lillie, Miller, Rogers and Taft and Messrs. L. R. Grabill, E. M. Douglas and Morris Bien, of the Advisory Board.

Mr. Rogers laid before the Council the following tabulated reports for their consideration.

Estimate as to Present Net Value of the Water Mains and Sewer Lines in Takoma Park, Md. June, 1919.

Water Mains: Present estimated cost of water mains in Takoma Park, Md. Four-inch mains estimated at \$1.33 per foot installed, with an annual depreciation of 1.4 per cent, multiplied by number of years in use; 8-inch mains estimated at \$2.27 per foot installed, with an annual depreciation of .9 per cent, multiplied by the number of years in use. A short piece of 12-inch pipe was figured at \$3.24 per foot, with an annual depreciation of .5 per cent multiplied by 19 years, the time it has been installed; and a short piece of 6-inch pipe figured at \$1.75 with an annual depreciation of 1.3 per cent per year. The length of mains was computed according to actual measurements in nearly all cases, in only a few instances was it necessary to estimate according to lot measurements as shown by town map. (The figures do not show an estimate as to cost of riser for water tower, it being assumed that such cost is included in figures for the tower)

Total present estimated cost	\$ 64,016.37
Depreciation according to the schedule outlined above	12,167.45
Present net value of water mains in Takoma Park, Maryland, June, 1919	\$ 51,848.92

Hydrants: 76 hydrants, averaging 15 feet of pipe,

16 of these are on 8-inch pipe, or 240 ft. at \$2.27	\$ 544.80
58 " " " " 4 " " " 870 " " 1.33	1157.10
2 " " " " 6 " " " 30 " " 1.73	51.90
	1,753.80
Less 25% depreciation	438.45
	1,315.35

76 hydrants at \$50 each, installed	3,800.00
28 valves at \$20 " "	560.00
3 blow-offs at \$6 " "	18.00
	4,378.00

Total for hydrants, valves, blow-offs and connections	5693.35
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Grand total for water mains, hydrants and valves complete, net value	57,542.27
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Sewer System: The sewer system is composed principally of 8-inch mains, with 10-inch main leading from old sewer field down Sliquo to present disposal field. Distances were secured by actual measurements except in a few cases where the map was scaled or lot measurements used instead. The basis of computing was an estimate of fifteen (15) cents per linear foot for each foot in depth for excavating, back filling, supervision and incidentals. The actual depth of each manhole and lamphole was secured by measurement and each station averaged throughout the entire system. To the cost of trench work was added, for 8-inch pipe, 50 cents per foot and for 10-inch pipe 67.25 cents per foot for cost of laying, filling joints, supervision and incidentals. From the price thus secured there was taken an annual depreciation as follows: for lines laid in streets 1 per cent per year, or for the original system 19 per cent depreciation. For lines laid in woods and in places where affected by roots which might grow into pipes 3 per cent per year or for the original lines thus located a discount of 57 per cent from the prices secured on the basis above described.

Total estimated cost without depreciation	\$ 72,134.02	
Amount of depreciation secured in the manner indicated above	15,416.25	
Present net amount for sewer lines		56,717.77
Manholes: The depth of the 153 manholes was secured by actual measurements and the price computed at \$10.00 for each foot in depth to which was added \$13.00 for the cost of the cast iron cover. (No price allowed for excavating for manholes.) Price thus secured was	10,129.40	
Lampholes: The depth of each of the 59 lampholes was likewise secured by measurement, computed at 50 cents for cost of pipe per foot and an allowance of \$4.50 for cover and labor; or for all	419.54	10,548.94
Present net amount for manholes and lampholes		"
Grand total for sewer system		67,266.71
Grand total for water mains and sewer system		124,808.98
Estimate as to Present Net Value of Waterworks and Sewer Appurtenances, Takoma Park, Md. June, 1919		
Pump House: Estimate based on present cost of reproduction less 1% depreciation per annum	2,965.65	
Engine and Pumps: Estimate based on present cost of reproduction less 4% depreciation per annum	4140.20	
Concrete Storage Tank: Estimate based on present cost of reproduction - no depreciation	1900.00	
Chlorine Plant: Estimate based on present cost of reproduction less 10% depreciation per annum	260.00	
Filter Plant, including building and filter beds: Estimate based on present cost of reproduction as given by original contractors, with their estimate of 3% depreciation	9700.00	
Stand Pipe: Estimate based on present cost of reproduction as given by original contractors, with their estimate of 50% depreciation	4500.00	
Foundation based on present cost of reproduction, with no depreciation	1800.00	
Dam and Clear Water Well: Estimate based on present cost of reproduction with 50 percent depreciation on well and no depreciation on dam	2234.22	
Land: Site of water tower, estimate based on present market value	1000.00	
Water Meters: Estimate based on present cost of meters and installation with depreciation of 4% per annum on average of ten years	4050.00	
Engineering Services: Estimated	2000.00	
Total under Waterworks		33,650.07
Sewers: Disposal Fields - Land purchased for sewage disposal fields, original cost	2650.00	
Preparation of sewage disposal fields - 100% depreciation	0.00	2650.00
(Engineering services included in estimated reproduction of pipe lines		"
Total under sewers		"
Grand total under Waterworks and Sewers		56,300.07
Grand total under water mains and sewer lines		124,808.98
Grand total value of the entire Takoma Park plant		161,109.05

On motion of Mr. Taff the estimate was unanimously approved and the Clerk directed to transmit the same, by appropriate letter to the Suburban Sanitary Commission, as the Council's estimate of the present valuation of the Town Water and Sewer System.

The Council thereupon, at 10 o'clock p.m., adjourned.

Approved:

W. H. Deane

Mayor

Bruce Davis, Clerk