





**HON. T. T. HYDE, Mayor**

519261

# CITY GOVERNMENT

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## MAYOR AND ALDERMEN

Elected Dec. 14, 1915

Inaugurated Dec. 20, 1915.

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### MAYOR

HON. TRISTRAM T. HYDE.

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### MAYOR PRO. TEM.

1916—JOHN D. CAPPELMANN

1917—

1918—

1919—

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Clerk of Council—JOSEPH C. BARBOT

Mayor's Secretary—HENRY F. PORCHER\*

### ALDERMEN

Ward One—Henry P. Williams, Oscar E. Johnson.

Ward Two—Lawrence M. Pinckney, Francis M. Robertson

Ward Three—Richard J. Morris, Vincent Chicco.

Ward Four—Wm. W. Clement, J. Julius Anderson.

Ward Five—W. L. Douglas, E. J. Riddock.

Ward Six—W. S. Lanneau, Thos. H. Reynolds.

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\*On duty with the Charleston Light Dragoons, Troop A, S. C. N. G., on the Mexican border. In his absence, position filled first by William Henry Parker, Jr., and subsequently by Francis M. Pinckney.

Ward Seven—I'on L. Rhett, Jno. J. Furlong.  
Ward Eight—Lionel K. Legge, Hall M. Sanders.  
Ward Nine—John F. Riley, D. L. Jervey.  
Ward Ten—Thos. B. McCarthy, Henry Kuck.  
Ward Eleven—John D. Cappelmann, John J. Miller.  
Ward Twelve—James R. Owens, Jr., H. W. H. Buck.

#### STANDING COMMITTEES OF CITY COUNCIL

Ways and Means—Pinckney, Chairman; Douglas, Robertson, Cappelmann, Rhett, Williams, Johnson, Riley and the Mayor.

Streets—Douglas, Chairman; Anderson, McCarthy, Lanneau, Legge, Owens, Robertson, Miller and the Mayor.

Lighting the City—Rhett, Chairman; Buck, Clement, Morris and the Mayor.

Water Supply—Lanneau, Chairman; Williams, Johnson, Cappelmann, Reynolds, Furlong and the Mayor.

Sanitary Matters—Williams, Chairman; Cappelmann, Buck, Riddock and the Mayor.

Railroads—Robertson, Chairman; Owens, Pinckney, Clement and the Mayor.

Electric Wires—Riley, Chairman; Owens, Johnson, Kuck and the Mayor.

Tidal Drains—Buck, Chairman; Sanders and Jervey.

Accounts—Johnson, Chairman; Legge and the Mayor.

Engrossed Bills and Official Bonds—Legge, Chairman; Cappelmann and Reynolds.

Journals and Vacant Offices—Riddock, Chairman; Anderson and McCarthy.

Printing and Legislative Matters—Clement, Chairman; Sanders and Morris.

City Hall, Clocks and Chimes—Kuck, Chairman; McCarthy and Buck.



City Lands and Public Buildings—Owens, Chairman; Anderson and Reynolds.

Wood and Brick Buildings—Furlong, Chairman; Clement and Miller.

Fire Escapes—Chicco, Chairman; Lanneau and Douglas.

Claims and Contracts—Sanders, Chairman; Buck, Rhett and Riddock and the Mayor.

Steam Engines—Miller, Chairman; Pinckney and Riley.

Artesian Wells and Lots—Jervy, Chairman; Owens and Williams.

Port and Harbor Improvements—Morris, Chairman; Douglas and Reynolds.

Pleasure Grounds—McCarthy, Chairman; Lanneau, Anderson, Riddock and the Mayor.

Public Charities—Anderson, Chairman; Sanders and Furlong.

Public Education—Cappelmann, Chairman; Legge and Rhett.

Public Safety—Reynolds, Chairman; Robertson and the Mayor.

## CITY OFFICERS

Clerk of Council.....	Joseph C. Barbot
City Treasurer.....	J. Orrin Lea
City Assessor.....	Daniel L. Sinkler
Recorder.....	Theodore D. Jervy
Corporation Counsel.....	W. Turner Logan
City Sheriff.....	Glenn F. Davis
Health Officer.....	J. Merceir Green, M. D.
City Engineer.....	J. H. Dingle
Assistant Engineer.....	Gedney M. Howe
Assistant Engineer.....	Thomas F. Paturzo

City Electrician.....	C. C. Schirmer, Jr.*
Assistant City Electrician.....	Martin J. Hanley
Inspector of Meters.....	John F. Ferguson
Inspector of Plumbing.....	J. D. Masters
City Bacteriologist.....	G. McF. Mood, M. D.
City Veterinarian.....	B. Kater McInnes, M. D.
Chief of Police.....	Joseph A. Black
Chief of Fire Department.....	Louis Behrens
Assistant Chief of Fire Department.....	A. J. Meyers
Inspector of Licenses .....	John P. Sullivan†

### CITY COURT

Recorder.....	Theodore D. Jervey
Corporation Counsel.....	W. Turner Logan
Sheriff.....	Glenn E. Davis
Clerk.....	Joseph C. Barbot

### BOARDS AND COMMISSIONS

#### BOARD OF EQUALIZATION

Aldermen L. M. Pinckney, Chairman; W. L. Douglas, F. M. Robertson, John D. Cappelmann, I'on L. Rhett and H. P. Williams.

Secretary—John C. Mehrtens, County Auditor.

Meets first Tuesday in March, at 12 m., in every year, at Fire Proof Building.

#### HEALTH DEPARTMENT

Board of Health—J. Alwyn Ball, Chairman; J. Mercier

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\*Elected May 9, 1916, succeeding I'on Simmons.

†On duty with the Irish Volunteers, Co. C, N. G. S. C., on the Mexican border. In his absence, position filled by J. Fred Habenicht.

Green, M. D., Health Officer and Secretary, A. P. Aimar and Henry W. DeSaussure, M. D., term expires February, 1918; A. J. Geer\* and W. P. Cornell,\*\* M. D., term expires February, 1919; J. Alwyn Ball and C. W. Kollock, M. D., term expires February, 1917; Alderman W. S. Lanneau and the Mayor.

Meets first Tuesday of every month at 5 P. M.

Clerk of Health Department, J. Faber Porcher.

City Bacteriologist, G. McF. Mood, M. D.

Assistant to the City Bacteriologist, Leon Banov.

City Veterinarian, B. Kater McInnes, M. D.

Chief Sanitary Inspector, Frank J. Simmons.\*\*\*

#### SANITARY INSPECTORS

District No. 1, A. T. Jennings† and E. F. Dougherty††; District No. 2, Van A. Eisermann†† and J. J. Frain††; District No. 3, Theo. C. Siebert † and Harry Harbourn††; District No. 4, Norman P. Gruber† and G. E. Steinmeyer††.

#### SEWER COMMISSION

Commissioners—T. Grange Simons, M. D. Chairman, term expires 1918; R. S. Cathcart, M. D., term expires 1919; Arthur V. Williams§, term expires 1921; Maurice J. Hartnett,, term expires 1920; Charles Litschgi, M. D., term

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\*Appointed February 8, 1916, succeeding Nicholas Sottile.

\*\*Appointed February 8, 1916, succeeding Louis D. Barbot, M. D.

\*\*\*Appointed March 7, 1916, succeeding F. J. Torlay.

†Appointed March 7, 1916, succeeding respectively, James Flynn, B. Cisa, H. A. Deery and W. R. Cochran, Jr.

††Appointed October, 1916.

§Appointed August 8, 1916, succeeding J. M. Seignious.

expires 1917; J. Mercier Green, M. D., Health Officer, and the Mayor.

Secretary, Henry F. Porcher.

Sewerage Engineer, J. H. Dingle.

Meets first Tuesday in every month, at 6 P. M.

#### BOARD OF PLUMBING EXAMINERS

J. Mercier Green, M. D., Health Officer, (Ex-Officio)  
Chairman, J. J. Duffy\* and B. P. Carey\*\*\*.

#### BOARD OF FIRE MASTERS

Board of Fire Masters—C. R. Valk, Chairman; Henry P. Williams, Vice-Chairman; A. J. Riley, John F. Rafferty, John P. Michel, Theo. Poppen, and the Mayor.

Clerk, Chief Louis Behrens.

Meets first Wednesday in every month, at 6 P. M.

#### FIREMEN'S INSURANCE AND INSPECTION FUND

Chas. R. Valk.....	Chairman Board of Fire Masters
J. O. Lea.....	City Treasurer
Louis Behrens.....	Chief Fire Department
James M. Seignious (1920).....	Henry P. Williams (1920)

#### POLICE DEPARTMENT

Chief of Police, Joseph A. Black.

First Lieutenant, Conrad Stender.

Second Lieutenant, John J. Healy.

Third Lieutenant, E. Mitchell Whaley, Jr.

Chief of Detectives, Thos. M. O'Brien.

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\*Reappointed, April 25, 1916.

\*\*\*Appointed May 25, 1916, succeeding W. F. Arnholter.

**POLICE PENSION AND RELIEF FUND**

Commissioners—Julius H. Jahnz, term expires January, 1917; M. V. Haselden, term expires January, 1918; and the Mayor.

**MANAGEMENT, CARE AND CUSTODY OF CONVICTS**

Commissioners—T. Allen Legare, Chairman; W. N. Breuer, Secretary; W. P. Sellers, and Aldermen W. W. Clement and T. B. McCarthy.

Meets third Monday every month, at 8:30 P. M., at City Hall.

**DOCK AND WAREHOUSE COMMISSION**

Aldermen Lawrence M. Pinckney, Chairman; J. Julius Anderson, Richard J. Morris, Henry P. Williams, and Lionel K. Legge, and the Mayor.

F. S. Hanckel, President, Charleston Cotton Exchange.

J. L. Sheppard, President, Merchants Exchange.

R. G. Rhett, President, Chamber of Commerce.

R. B. Lebby.

G. Lee Holmes.

J. H. Dingle, City Engineer, Secretary.

**HARBOR COMMISSIONERS**

Commissioners—Hon. Tristram T. Hyde, Mayor, Ex-Officio Chairman; H. A. Molony, Vice-Chairman; J. Palmer Denham, Louis D. Simonds, Henry P. Williams, James M. Seignious, A. W. Litschgi, Sr., John L. Sheppard, Capt. G. H. Swan, Capt. J. J. Igoe, Robert Wilson, M. D., and P. H. Gadsden.

Harbor Master and Secretary, James Armstrong.

Port Warden, A. G. Cudworth.

**BATHING HOUSE COMMISSION**

(At the meeting of City Council, on January 11, 1916, the election of the Commissioners of Bathing Houses was indefinitely deferred.)

**PUBLIC MARKETS**

Commissioners—R. H. Simons, Chairman; W. J. Comar, Vice-Chairman; Mrs. Henry Hirschmann, F. W. Jessen, Mrs. Alice Graman, Miss Dora Devereux, J. P. Magrath, Vincent Chicco, George F. Musladin, H. D. Harken. W. F. Livingston, Martin T. Powers, and E. E. Wehmann.

Clerk, Oscar Prause.

Clerk of Weights and Measures, Jeremiah O'Brien.

Meets first Wednesday of every month, at 12 M.

**COMMISSIONERS OF PUBLIC LANDS**

Commissioners—M. V. Haselden, Chairman; W. D. Clarke, Vice-Chairman; A. M. Stone, P. Carter, Thomas H. Reynolds, H. W. H. Buck, J. P. Magrath, H. G. Tietjen, Harry J. Hancock, M. S. Stopplebein, Henry Kangeter, and John Ponard.

Secretary and Treasurer, A. M. Stone.

Meets first Tuesday of every month, at 8 P. M. at Market hall.

**CHARLESTON HOME**

Commissioners—John F. O'Rourke, Chairman; C. W. Tollner, Vice-Chairman; Carl W. Ramm, Henry C. Laurey, H. M. Walker, John J. Furlong, Fred B. Hartmann, F. H.

Bold, M. D., John Wohltmann, Theodore Poppen, W. G. Stemmermann and C. W. Mathewes.

Secretary, C. W. Mathewes.

Superintendent, Fritz Thee.

Matron, Mrs. Fritz Thee.

Clerk, Thomas J. Liddy.

Meets twice a month on alternate Mondays, at 8 P. M.

**WILLIAM ENSTON HOME**

Trustees—Wm. E. Huger, President; Arthur Lynah, First Vice-President; C. R. Valk, Second Vice-President; S. E. Welch, Third Vice-President; J. P. K. Bryan, Geo. W. Williams, E. H. Pringle, T. S. Wilbur, F. M. Robertson, Thomas W. Carroll, John D. Muller, Thos. S. Sinkler, and the Mayor.

Secretary, F. M. Robertson.

Superintendent, Mrs. M. Caroline Robertson.

Meets fourth Wednesday of every month.

**CHARLESTON ORPHAN HOUSE**

Commissioners—Geo. W. Williams, Chairman; S. G. Stoney, Vice-Chairman; S. E. Welch, Second Vice-Chairman; the Rev. V. C. Dibble, D. B. Henderson, I. W. Hirsch, Robert C. Lebby, Dr. B. A. Muckenfuss, Andrew B. Murray, R. H. Duryea, F. Q. O'Neill and Paul W. Sanders.\*

Engineer, Ashley L. Barton.

Physician, T. Grange Simons, M. D.

Secretary and Treasurer, St. John P. Kinloch.

Meets every Thursday at 5 P. M.

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\*Elected April 11, 1916, succeeding Francis J. Pelzer, who died March 31, 1916.

## CITY ORPHAN ASYLUM

Commissioners—Henry Schachte, Chairman; John J. Furlong, Secretary; Montague Thriest, Julius H. Jahnz, Thomas H. Reynolds, J. J. Bennett and J. B. Fleming. Physician, Edward Rutledge, M. D.

Meets first Wednesday in every month.

## SHIRRAS DISPENSARY

Trustees—Lane Mullally, M. D., President of the Medical Society of South Carolina; George H. Moffett, President of the St. Andrew's Society, and the Mayor.

## COLLEGE OF CHARLESTON

Trustees (elected by the Board)—Hon. John F. Ficken, President, term expires 1919; Hon. H. A. M. Smith, Vice-President, term expires 1922; Hon. J. Adger Smythe, term expires 1917; A. C. Kaufman, term expires 1918; T. Moultrie Mordecai, term expires 1920; M. Rutledge Rivers, term expires 1921; Hon. Huger Sinkler, term expires 1923; J. R. P. Ravenel, term expires 1924.

Trustees (elected by the Alumni Association)—J. E. Burke, term expires 1918; F. Q. O'Neill, term expires 1917. and E. Kennerly Marshall, term expires 1919.

Representatives of City Council—Hon. Tristram T. Hyde, Mayor (Ex-Officio,) term expires 1920; Hon. Theodore D. Jervey, City Recorder, (Ex-Officio); Alderman O. E. Johnson, term expires 1920; F. S. Hanckel, term expires 1920; and T. W. Carroll, term expires 1920.

Secretary J. C. Ball.



THE CHARLESTON MUSEUM

Board of Trustees—Samuel G. Stoney, President; Robert L. Montague, Vice-President; Charles W. Kollock, M. D., Secretary; Jesse Sharpe, Treasurer; William M. Bird, Thomas W. Carroll, Philip H. Gadsden, J. Ross Hanahan, R. Goodwyn Rhett, R. Innes Brown, H. L. Erckmann, R. Hayne King, E. A. Simons, James Sottile, Montague Triest, George W. Williams, Henry P. Williams, J. H. Carsten Wulbern, Hon. Tristram T. Hyde, Mayor (Ex-Officio) and Aldermen Richard J. Morris and H. M. Sanders (Ex-Officio).

Director, Paul Marshall Rea.

Assistant Treasurer, Laura L. Weeks.

HIGH SCHOOL

Trustees—Hon. James Simons, President; F. Q. O'Neill, Hon. J. P. K. Bryan, Edwin P. Frost, M. V. Haselden, Hon. H. A. M. Smith, Aldermen John D. Cappelmann and I'on L. Rhett, and the Mayor.

Secretary, Joseph C. Barbot.

BOARD OF PUBLIC SCHOOL COMMISSIONERS

Commissioners—Hon. James Simons, Chairman; George H. Moffett, Montague Triest, T. W. Passailaigue, J. Edward Smith, T. J. Sweeney, W. R. Webb, M. V. Haselden, J. E. Burke, and Hon. J. P. K. Bryan.

Clerk, A. Burnett Rhett.

Meets first Wednesday of every month at 6 P. M.

INDUSTRIAL SCHOOL FOR COLORED ORPHANS

Commissioners—F. R. Frost, Chairman, term expires

1920; I'on L. Rhett, term expires 1921; A. J. Riley, term expires 1917; Joseph C. Dillingham,\* term expires 1918; and John Marshall, term expires 1919.

#### PARKS

Commissioners—Samuel Lapham, Chairman; Charles R. Valk, Vice-Chairman; W. P. Carrington, Joseph A. Patla, Wm. M. Bird, W. J. Storen, Geo. W. Williams, George Kornahrens, Louis Jacobs, and the Mayor.

Secretary, Joseph A. Patla.

Meets third Tuesday in every month at 1 P. M., at City Hall.

#### COLONIAL COMMON AND ASHLEY RIVER EMBANKMENT

Commissioners—Wilson G. Harvey, Chairman; Robert C. Richardson, Vice-Chairman; Robert C. Lebby, Secretary; J. N. Nathans, Jr., Treasurer; John M. Rivers, A. W. Litschgi, Sr., R. P. Evans, John T. Roddy, Clarence C. Waring,\* A. E. Baker, M. D.\*\* and the Mayor.

#### MARION SQUARE.

Commissioners—Col. O. J. Bond, Chairman; Capt. H. O. Withington, Secretary and Treasurer; Capt. J. L. Gantt, Capt. Christian Ortmann, E. E. Wehmann, H. C. Laurey and Henry Cammann.

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\*Appointed December 26, 1916, succeeding G. Henry Dehrmann, who died August 26, 1916.

\*Appointed February 23, 1916, succeeding E. R. Thomas, resigned.

\*\*Appointed September 12, 1916, succeeding Samuel S. Buist, who died August 13, 1916.

**MUNICIPAL PLAYGROUND.**

Commissioners—R. H. King, Chairman; Miss Louisa B. Poppenheim, Vice-Chairman; Dr. Sarah Allan, Mrs. J. M. Visanska, Mrs. J. C. Mitchell, Mrs. A. Barton Miller, A. W. Litschgi, Sr., Henry P. Williams, and John I. Cosgrove.

Secretary, Sarah Allan, M. D.

Supervisor, W. R. Lunk.

Directresses of Girls, Misses Adele Minahan, Ethel M. Cohen\* and Nonie H. Gantt.\*

Director, Robert M. Means, Jr.\*\*

Meets fourth Tuesday in every month, at 1 P. M., at the City Hall.

**CHARLESTON ART COMMISSION.**

Hon. Tristram T. Hyde, Mayor; Hon. James Simons, Carolina Art Association; the Rev. Robt. Wilson, D. D., Charleston Library Society; Paul M. Rea, Director Charleston Museum; H. S. Holmes, South Carolina Historical Society; Miss Eola Willis, Thos. R. Waring, W. C. Miller.

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\*Resigned on account of ill health. Succeeded by Miss Jennie Porcher.

\*\*On duty with the Washington Light Infantry, Company B, N. G. S. C., on the Mexican border. In his absence, position filled by Miss Hattie Palmer, with the assistance of Miss Phoebe Legare and Charles Miller.

# Mayor Hyde's Annual Report

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In presenting the first Annual Report of this Administration I feel that the citizens of Charleston should have brought to their attention several very important matters. When these are carefully considered, I believe there will be a better understanding of our present situation, financially and otherwise.

The abolishing of the dispensary system together with the enactment of the prohibition law, stopped all possible revenue from the liquor traffic. The City was cut off from what could have been a very large income in the profits of the dispensary if such law was still on the statute books and firmly enforced. The serious question immediately confronting the Administration was that of conducting the City's affairs without an increase of the tax rate. Never before in the history of Charleston was such a problem to be solved. However, regardless of such a situation, by strict economy and good business methods, the rate was reduced to thirty-three mills in 1916 as against thirty-four and one quarter mills in 1915.

At the close of this year, 1916, every obligation contracted during the year had been met; not one dollar borrowed during the year; cash was in the treasury to pay for all work contracted for on street improvements, although

not all completed; no paving certificates had been pledged and the City was on a cash basis for the year with a substantial balance to its credit in bank.

All departments have run smoothly and the full reports herein should be carefully read.

There has been great activity in the Health Department. The reduction in the death rate has been most gratifying since additional inspectors were appointed. More vaults have been closed and more sewer connections proportionately have been made than in any previous year. Public sentiment has been aroused as to the importance of better health conditions in our City. These conditions can best be improved when the City has succeeded in getting the water supply in better shape and the mains extended through those streets which now have no water. No satisfactory progress can otherwise be made in health conditions.

It will be necessary to rigidly enforce the health ordinances in order to get desirable results. Those who maintain nuisances on their premises must be penalized for jeopardizing the health, not only of their immediate neighbors, but of the entire City. A good health record is a commercial asset, aside from the fact that we owe it to humanity to take the best possible care of the health of citizens in all classes.

The Street Department has been very active and has done splendid work. The report published herein deserves the special attention of every citizen. The question which is

to be submitted soon to the people in a new paving law, by which the City would be placed in a position to pave all of its streets in a very short period of time, deserves the study and approval, we think, of all our citizens. Large numbers of cities have been improved by having this proposed law in force. The determination of this department to put in an incinerator for the garbage in 1917 will fulfil a long felt want. These two improvements will put us in line with the larger progressive cities.

The Committee on Water Supply is preparing to submit to the qualified voters the question of purchasing the Water Works and equipment from the present owners. An option has been secured whereby the City can purchase at one million three hundred and sixty thousand dollars, payable in four and one-half per cent bonds. After the most careful investigation on the part of the Water Supply Committee, together with an advisory committee of twelve very representative and able citizens, the proposition is presented by them unanimously with the hope that there will be favorable action, and that this difficult problem, which has been under consideration for a great number of years, will thus be successfully solved. The purchase of the water plant, which is even now paying some net income on the price agreed upon, will put Charleston also in this respect in the class of successful growing cities.

The development of the City's interest in the Boulevard section demanded immediate action. A number of lots have been sold and the proceeds will be expended in improvements on roadways, pavements, drains and curbing, and thus sav-

ing an expense which would otherwise be charged to the special tax levy for permanent street improvement. A sufficient number of lots have been retained by the City, it is thought, to cover the sixty-five thousand dollars borrowed by the previous Administration. The values of these lots thus retained will be largely increased by reason of the improvements provided for as above stated. It is hoped that during the year 1917 the City will be enabled to dispose of all of its holdings on the Boulevard and pay the indebtedness of sixty-five thousand dollars. By the immediate development of this very desirable residence section, a large amount will be added to the taxable property.

This Administration was committed to furnish to the City of Charleston a non-partisan and efficient police department. It became the duty of this Department, even during the period of organization, to enforce a new law which was more or less unpopular, and to close all places of business that were found to be operating contrary to the laws of South Carolina and the City of Charleston. The Administration was also committed to an enforcement of law program, and work along these lines has been done as faithfully and impartially as possible. At times it has required as much as one-fourth of the entire force to enforce the prohibition law. No such demand had ever been made on any previous police department. Hence the work of the Department has been exacting, and has required a great amount of diligence. The fact that in the State, County and Federal elections held during this first year of the Administration, there was not an arrest necessary; perfect quiet prevailed,

and protection was furnished at all polls, proves that we have a non-partisan force which did its duty.

Considerable improvements have been made at the Police Station in furnishing amusements for the men and opportunities for in-door rifle and pistol practice. The building has been placed in good condition and under the direction of the Chief of Police a number of marked improvements have been made in the conveniences and equipment of the Station House.

The Police Department has co-operated in a very practical way during 1916 with the Juvenile Protective League by detailing a special officer to give his entire time in handling the cases against boys under the ages of eighteen, who have been arrested for various misdemeanors. A splendid record has been made in this first year of such co-operation. Many of the boys have been saved from imprisonment with criminals, and by the system used here and elsewhere by the Juvenile Protective League, the boys have been given another chance, and parents and guardians have been made acquainted with the offences committed, and have themselves inflicted the kind of punishment which was necessary without resort to the courts. This important work is one that should have the commendation of the entire community. It has saved a great deal of money which would have been otherwise expended in prosecution through the courts. The report of the Chief of Police should be carefully read.

The Sewerage Board has been very diligent in attending to its duties and they are now extending the sewerage sys-



tem through that portion of the Boulevard section owned by the City. The income of the Board is increased by the payments required from property-owners when connections are made. Hence the more connections made, the more money is available for further extension of the system.

It is the pride of Charleston that such good care has been taken in all these years of the sick and unfortunate. The charitable institutions are handled by Trustees who give the most careful attention to inmates without any remuneration. We need, however, to be very cautious because in our efforts to minister to the needs of the unfortunate, our expenditures have now reached an enormous sum, and it is thought far in excess of the amount expended for similar purposes in any other city.

The Fire Department continues to be exceedingly efficient as shown by the splendid record made by them and published in their report. The Board, too, has been very diligent and always puts efficiency ahead of any other consideration. There is not a better equipped Fire Department to be found in the country and operated so economically.

For some years the City had held an option on property along the Eastern water-front, extending from the Yacht Club, north, to the Clyde Line. During last year the Dock Commission recommended to City Council that this option be surrendered because the property was not considered generally well adapted for municipal terminal purposes. In addition to that fact, the City had no funds available for the development of such property and no authority to issue bonds for such purposes.

This leaves the City with a dock at the West end of Tradd Street which is owned by the City and used for a landing by those who come to Charleston from the surrounding islands to market their crops and merchandise. The Dock Commission is hoping now that the City, by careful management, will receive sufficient income from very small fees and in this way keep the municipal dock in first-class condition. The City also owns a small dock at the East end of Market Street, which is largely used as a landing for the fishermen and has been leased to a corporation for some time. The situation as to this dock will also be taken up during the coming year to ascertain whether it can be made of better service to the City.

It is of the utmost importance that the City should try very seriously to devise some plan for securing suitable municipal docks on the Eastern water-front, where there is such great depth of water that vessels of all kinds may be easily handled.

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# City Treasurer's Report

REPORT OF CITY TREASURER.

Charleston, S. C., January 23, 1917.

*To the Honorable the Mayor  
and City Council of Charleston, S. C.*

*Gentlemen:*

I would respectfully submit herewith the Annual Statements of this Department for the fiscal year ending December 31, 1916, as follows:

1. Annual Statement, Treasury Department.
2. Consolidated Statement, Treasury Department.
3. Taxes Refunded.
4. Commissioners Sinking Fund.
5. College of Charleston.
6. Fireman's Insurance and Inspection Fund.
7. Police Relief and Pension Fund.
8. Orphan House Funds and Estate.
9. Abutment Tax Account.
10. Sewerage Sinking Fund.

Very respectfully,

J. O. LEA,  
*City Treasurer.*

## Transactions of the City Treasury for the Fiscal Year Ending December 31, 1916.

	Appropriations	Balances brought forward from 1915	Receipts during Current Year	Total Receipts, including Balances from 1915	Total Expenditures	Net Receipts	Net Expenditures	Forward Balance Carried to Income Acct.	Ledger Balances	
									December 31, 1916	December 31, 1916
									Dr.	Cr.
Dr.										
To Income Account .....									\$97 371.20	\$81 547.41
Artesian Well and Lot, Sale of old Fountain.....	\$ 25.00									
Board of Examiners—Licenses, Moving Pictures.....	15.00									
Board of Health—Licenses, Dairies .....	102.00									
Bonlevard Lots .....										
Bonds .....	2,025.00									
Cash on Acct. Bonds .....	30,341.25									
Cash on Acct. Sale of Lots.....	\$11,625.00									
Cash for Papers .....	100.00									
Interest on Bonds .....	1,326.66									
Commissioners Public Lands—Interest Fees .....	6.40									
Rent of Farm .....	106.40									
Amount Carried Forward.....									\$38 936.00	\$97 371.20
									\$ 5 618.75	\$81 547.41
									\$38 936.00	\$97 371.20
									\$ 5 618.75	\$81 547.41

Financial Department

Transactions of the City Treasury for the Fiscal Year Ending December 31, 1916—Continued.

	Appropriations	Balances brought forward from 1915	Receipts during Current Year	Total Receipts, including Balances from 1915	Total Expenditures	Net Receipts	Net Expenditures	Bal. Car. Forward to Income Acct.	Ledger Balances	
									December 31, 1916	December 31, 1916
									Dr.	Cr.
Amount Brought Forward.....								\$33 935.00	\$97 371.20	\$ 618.75
County Dispensaries—										
50 Per Cent of Profits.....	14,908.38									
City Hall, Clock and Chimes—										
Refund of Insurance Premium	5.70									
Deck Commission—										
Fees Adger's Wharf.....	1,151.05									
Fees W. E. Tradd Street.....	1,087.50									
Fire Department—										
Refund Freight.....	.31									
Sale of Old Horse.....	25.00									
Sale of Old Hose.....	60.42									
Interest Account—										
Interest on Deposits.....	6,312.68									
Licenses—										
Classified.....	109 327.67									
Vehicles.....	10,608.00									
Jitneys.....	14.00									
Chauffeurs.....	1,237.00									
Dogs.....	437.00									
Amount Carried Forward.....								\$33 935.00	\$97 371.20	\$ 618.75
										\$81 547.41



## Transactions of the City Treasury for the Fiscal Year Ending December 31, 1916—Continued.

	Appropriations	Balances brought forward from 1915	Receipts during Current Year	Total Receipts, including Balances from 1915	Total Expenditures	Net Receipts	Net Expenditures	Bal. Car. Forward to Income Acct.	Ledger Balances	
									December 31, 1915	December 31, 1916
									Dr.	Cr.
Amount Brought Forward.....									\$33 935.00	\$97 371.20
Delinquent Licenses, 1909.....									755.00	755.00
Delinquent Licenses, 1910.....									725.00	725.00
Delinquent Licenses, 1911.....									700.00	700.00
Delinquent Licenses, 1912.....									1 250.00	1 250.00
Delinquent Licenses, 1913.....	20.00								1 125.00	1 105.00
Delinquent Licenses, 1914.....	25.00								977.50	982.50
Delinquent Licenses, 1915.....	45.00								1 040.00	1 040.00
Delinquent Licenses, 1916.....	837.50								1 045.00	1 305.00
Penalties.....	77.00									
Sheriff's Costs.....	22.24									
Markets—										
Rent of Stalls, etc. ....	4,397.08									
Parks—										
Pruning Trees, Easton Home	49.50									
Sale of Old Horse.....	15.00									
Refund for Duplicate Bill paid	70.86									
Police Department—										
Fines, Recorder's Court.....	17,905.50									
Sale of Old Horses.....	545.50									
Sale of Unclaimed Property.....	309.68									
Sale of Manure, Sacks, etc.....	64.65									
Sale of Clubs.....	59.09									
Amount Carried Forward.....									\$40 512.50	\$97 371.20
									\$13 411.25	\$81 547.41

## Transactions of the City Treasury for the Fiscal Year Ending December 31, 1916—Continued.

	Appropriations	Balances brought forward from 1915	Receipts during Current Year	Total Receipts, including Balances from 1915	Total Expenditures	Net Receipts	Net Expenditures	Bal. Car. Forward to Income Acct.	Ledger Balances	
									December 31, 1915	December 31, 1916
									Dr.	Cr.
Amount Brought Forward.....										
Miscellaneous—										
From State Insurance Brokers' Fees.....	78.14									
Refund from Charleston & Northern Railroad.....	25.00	103.14								
Taxes, 1911.....										
Taxes, 1912.....										
Taxes, 1913.....										
Taxes, 1914.....										
Taxes, 1915.....										
Taxes, 1916.....										
Penalties.....										
Sheriff's Costs.....	1,031.02	672,380.45								
	604.55	1,535.57								
			\$916 820.88	\$916 820.88						
Cr.										
By Boulevard Lots—										
Bond.....										
Auctioneer's Commission.....	\$ 2,025.00									
	590.96									
Amount Carried Forward.....										
									\$72 820.10	\$97 371.20
									\$53 380.87	\$81 547.41

## Mayor Hyde's Annual Review

Transactions of the City Treasury for the Fiscal Year Ending December 31, 1916—Continued.

	Appropriations	Balances brought forward from 1915	Receipts during Current Year	Total Receipts, including Balances from 1915	Total Expenditures	Net Receipts	Net Expenditures	Bal. Car. Forward	Unexpended Bal. to Income Acct.	Ledger Balances	
										December 31, 1915	December 31, 1916
										Dr.	Cr.
Amount Brought Forward....										\$72 820.10	\$97 371.20
Refunds—											
Licenses.....	918.34										
Fines, Police Dept. ....	196.00										
Taxes, 1915.....	38.50										
Taxes, 1916.....	5,078.54										
Taxes, 1912.....	24.61										
Taxes, 1913, Nulla Bona....	51.45										
Taxes, 1914, Nulla Bona....	266.68										
Taxes, 1915, Nulla Bona....	1,780.44										
Taxes, 1916, Nulla Bona....	4,298.38										
					\$15 267.90	\$901 552.98					
			\$916 820.88	\$916 820.88	\$15 267.90	\$901 552.98				\$72 820.10	\$97 371.20
										\$53 380.87	\$81 547.41

Transactions of the City Treasury for the Fiscal Year Ending December 31, 1916—Continued.

	Appropriations	Balances Brought Forward from 1916	Receipts during Current Year	Total Receipts, Including Balances from 1916	Total Expenditures	Net Receipts	Net Expenditures	Balances Carried Forward	Unexpended Balances to Income Acct.	Ledger Balances	
										Dr.	Cr.
Amounts Brought Forward										\$72,820.10	\$97,371.20
Expenditures on Account Appropriations											
Allice Carey Kindergarten	\$ 75.00				75.00		75.00				
Artesian Well and Lot	210.72				210.72		210.72				
Assessor's Department	7,000.00				6,989.15		6,989.15		10.85		
Board of Health	23,475.00				20,406.67		20,406.67		3,068.33		
Board Exam'rs. Moving Pictures	5.00				4.50		4.50		.50		
Charleston Home	10,725.00				10,723.36		10,723.36		1.64		
Charleston Free Kindergarten	75.00				75.00		75.00				
Charleston Library Association	100.00				100.00		100.00				
Charleston Museum	4,370.28				4,370.28		4,370.28				
Citadel	1,670.00				1,660.00		1,660.00		10.00		
City Bills Redeemed	2.85				2.85		2.85				
City Electrician	3,700.00				3,693.60		3,693.60		6.40		
City Engineer	7,650.00				7,292.95		7,292.95		357.05		
City Hall, Clock and Chimes	3,598.22				3,587.80		3,587.80		10.42		
City Orphan Asylum	6,000.00				6,975.55		6,975.55		24.45		
City Sheriff's Department	3,263.00				3,065.87		3,065.87		197.13		
City Treasury	8,000.00				7,994.33		7,994.33		5.67		
Clerk of Council	2,300.00				2,241.85		2,241.85		58.15		
College of Charleston	5,965.00		4,170.00	4,170.00	10,136.00		10,136.00				
Commissioners Public Schools	1,000.00				1,000.00		1,000.00				
Commissioners Public Lands	5,000.00				4,946.83		4,946.83		53.17		
Commissioners Marion Square	500.00				467.46		467.46		32.54		
Commsrs. Management Convicts	4,915.00				4,188.72		4,188.72		726.28		
Corporation Counsel	3,100.00				3,029.50		3,029.50		70.50		
Council and Board of Aldermen	3,000.00				2,568.30		2,568.30		431.70		
Day Nursery	300.00				300.00		300.00				
Amounts Carried Forward	\$106,001.07		\$ 4,170.00	\$ 4,170.00	\$ 105,106.29		\$ 100,936.29		\$ 5,064.78	\$72,820.10	\$97,371.20
										\$53,380.87	\$81,547.41

Transactions of the City Treasury for the Fiscal Year Ending December 31, 1916—Continued.

	Appropriations	Balances Brought Forward from 1916	Receipts during Current Year	Total Receipts, including Balances from 1915	Total Expenditures	Net Receipts	Net Expenditures	Balances Carried Forward	Unexpended Balances to Income Acct.		Ledger Balances	
									December 31, 1916	Dr.	Cr.	December 31, 1916
Amounts Brought Forward.....	\$106,001.07		\$ 4,170.00	\$ 4,170.00	\$ 105,106.29				\$ 5,064.78	\$72,820.10	\$97,371.20	\$53,380.87
Dock Commission.....	3,735.49				3,735.49				300.00			
" dredging Market Dock	585.50				585.50							
Dog Pound.....	1,000.00				404.45				595.55			
Entertainment.....	85,145.00				85,145.00							
Fire Department.....	3,004.56				3,004.56				575.44			
Freight Adjustm't Steering Com.	500.00				500.00							
Florence Crittenton Home.....	11,175.00				11,175.00							
High School.....	2,500.00				2,500.00							
Industrial School, Colored Orphans	155,325.00				155,325.00							
Interest Public Debt.....	39,663.00				39,191.49				471.51			
Lighting the City.....	180.00				180.00							
Lighting St. Matthews' Clock	3,547.84				3,547.84				112.16			
Markets.....	5,050.00				4,910.59				139.41			
Mayor's Office.....	1,800.00				1,527.60				272.40			
Mayor's Annual Report.....	1,550.00				1,424.61				125.39			
Meter Inspector.....	2,213.27				2,112.32				100.95			
Miscellaneous.....												
Mitchell Playground, Home and	105.00				105.00				50.00			
School Association.....	1,550.00				1,500.00				2.88			
Municipal Court.....	4,920.00				4,917.12							
Municipal Playgrounds.....												
Officials At J's Convent'n A. L. M.												
and subscription to Journal.....	500.00				287.30				212.70			
Orphan House.....	12,500.00		12,843.48	12,843.48	25,254.32				89.16			
Parks.....	18,560.00				18,032.11				517.89			
Pensions.....	6,869.53				6,869.53							
Police Department.....	138,421.10				138,404.03				17.07			
Amounts Carried Forward.....	\$607,378.96		\$ 17,013.48	\$ 17,013.48	\$ 615,745.15				\$ 5,647.29	\$72,820.10	\$97,371.20	\$53,380.87
												\$81,547.41

**Transactions of the City Treasury for the Fiscal Year Ending December 31, 1916--Continued.**

	Appropriations	Balances Brought Forward from 1915	Receipts during Current Year	Total Receipts, Including Balances from 1915	Net Expenditures	Net Receipts	Net Expenditures	Balances Carried Forward	Unexpended Balances to Income Acct.	Ledger Balances			
										Dr.	Cr.		
Amounts Brought Forward.....	\$607,378.86		\$ 17,013.48	\$ 17,013.48	\$ 615,745.15		\$ 598,731.67		\$ 8,647.29	\$72,820.10	\$53,380.87	\$81,547.41	
Police and Fire Alarm Telegraph	1,100.00				811.11		811.11		288.89				
Police Relief Fund	828.88				828.88		828.88						
Plumbing Inspector	1,800.00				1,297.78		1,297.78		2.22				
Roper Hospital	40,000.00				40,000.00		40,000.00						
Sewerage Department	10,500.00				10,198.77		10,198.77		301.23				
So. Ca. Kindergarten Association.	1,000.00				1,000.00		1,000.00						
So. Ca. Sanitorium	61.00				61.00		61.00						
Street Department, Highways	20,134.46		4,107.91	4,107.91	23,521.10		19,413.19		721.27				
Do. Purchase of Lot	4,500.00				4,738.95		4,738.95		161.05				
Do. Improvement, 4 mill tax	80,235.83	6,380.25	58,395.49	64,776.74	119,947.91		55,171.17	25,064.66		6,380.25		25,064.66	
Do. Scavenging	29,807.08		1,208.75	1,208.75	31,015.83		29,807.08						
Do. Street Cleaning	35,060.46				35,060.46		35,060.46						
St. Margaret's Home	500.00				500.00		500.00						
Tidal Drains	200.00				97.40		97.40		102.60				
Transportation	250.00				178.21		178.21		71.79				
Water	46,100.00				45,388.12		45,388.12		711.88				
Water Committee, Special	3,000.00				2,986.17		2,986.17		13.83				
Water Election	1,893.28				969.50		969.50		923.78				
West End Improvement	4,850.74				4,850.74		4,850.74						
Sewerage Sinking Fund, 1 mill tax	20,782.68				20,782.68		20,782.68						
	\$909,883.37	6,380.25	80,726.63	87,106.88	959,979.76		872,872.88	25,064.66	11,945.83				
Street Department, Improvements and Drains, forw'd from 1915					6,380.25		6,380.25						
					966,360.01		966,360.01						
Income Acct. brought down.			916,820.88	916,820.88	15,267.90	901,552.98	879,253.13						
Amounts Carried Forward.....		\$6,380.25	\$997,547.51	\$1,003,927.76	\$981,627.91	\$ 901,552.98	\$ 879,253.13	\$25,064.66	\$11,945.83	\$72,820.10	\$103,751.45	\$53,380.87	\$106,612.07



Consolidated Statement, 1916, Showing Gross Receipts and Expenditures, Not Including Trust Funds for the Fiscal Year Ending December 31, 1916.

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RECEIPTS

To Cash Surplus, December 31, 1915 .....	\$ 24 551.10	
" Balance to Street Improvements and Drains, December 31, 1915 .....	6 380.25	
		\$ 30 931.35
" Income Account .....		916 820.88
" College of Charleston .....		4 170.00
" Orphan House .....		12 843.48
" Street Highways .....		4 107.91
" Street Improvements .....		58 896.49
" Street Scavenging .....		1 208.75
		<hr/>
		\$1 028 478.86

EXPENDITURES

By Income Account .....	\$ 15 267.90	
" Expenditures per Appropriations .....	959 979.76	
		\$ 975 247.66
" Cash Surplus, December 31, 1916 .....	28 166.54	
" Cash Balance Street Improvements .....	25 064.66	
		<hr/>
		53 231.20
		<hr/>
		\$1 028 478.86

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Consolidated Statement, Showing Receipts and Expenditures, Including Trust Funds Carried Through City Ledger for the Fiscal Year Ending Dec. 31, 1916.

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RECEIPTS

To Cash Balance from December 31, 1915 .....	\$ 197 040.87
" Income Account .....	916 820.88
" Cash Credits .....	80 726.63
" Trust Funds .....	262 914.95
	<hr/> \$1 457 503.13

EXPENDITURES

By Income Account .....	\$ 15 267.90
" Expenditures per Appropriations .....	959 979.76
" Trust Funds .....	219 971.12
	<hr/> 1 195 218.78
" Cash Balance, December 31, 1916 .....	262 284.85
	<hr/> \$1 457 503.13

MADE UP AS FOLLOWS:

Cash Balance, December 31, 1916 .....	\$ 262,284.35
Balance due Trust Funds .....	209 053.15
	<hr/> \$ 53 231.20
Due Street Improvements .....	\$25 064.66
Surplus Cash to 1917 .....	28 166.54
	<hr/> \$53 231.20

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Respectfully submitted,  
J. O. LEA,  
City Treasurer.

Receipts from Income Account and Amounts from the Different Classifications, Including Trust Funds for the  
Fiscal Year Ending December 31st 1916

To TAXES, LICENSES AND FINES:

Taxes—			
General Levy Taxes 1916 from 23 Mills	\$872,085.69		
Special Levy Taxes 1916 from 4 Mills for Street Improvement	80,225.83		
Special Levy Taxes 1916 from 1 Mill for Sewerage Sinking Fund for redemption of Bonds and paying interest	20,058.98	\$872,880.45	
Less Refunds	\$ 5,078.54		
Less Nulla Bonas	4,298.38	9,376.92	\$863,003.53
General Levy from Taxes 1916	\$ 23,984.49		
Special Levy from 1 Mill for Sewerage Sinking Fund	661.65	\$24,646.14	
Less Refunds	\$ 38.50		
Less Nulla Bonas	1,780.44	1,818.94	22,827.20
General Levy from Taxes 1914	\$ 2,471.45		
Special Levy from Taxes from 1 Mill for Sewerage Sinking Fund	62.10	\$ 2,533.55	
Less Nulla Bonas		266.68	2,266.87
General Levy Taxes 1913		\$ 147.30	
Less Nulla Bonas		51.45	95.85
Tax Penalties		\$ 1,031.02	
Sheriff's Costs		604.55	1,635.57
Licenses—			
Classified (Business)		\$109,327.67	
Less Refunds		905.00	\$108,422.67
Vehicles		\$10,608.00	
Less Refunds		13.84	10,594.66
Delinquent Licenses, 1913		\$ 20.00	
Delinquent Licenses, 1914		25.00	
Delinquent Licenses, 1915		45.00	
Delinquent Licenses, 1916		837.50	
		927.50	
Amount Carried Forward			\$ 689,829.02

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Receipts from Income Account and Amounts from the Different Classifications, Including Trust Funds for the  
Fiscal Year Ending December 31st 1916

Amount Brought Forward			\$ 915 528.82
<b>SANITATION AND PROMOTION TO CLEANLINESS:</b>			
Street Department, Sansewering--			
Sale of Hides and Buggy	\$ 587.15		
Sale of Manure	76.80		
Sale of Sacks	28.50		
Dump Privilege	517.50		1 208.75
<b>PROTECTION LIFE AND PROPERTY:</b>			
Police Department--			
Sale of Horses	\$ 545.50		
Sale of Unclaimed Property	309.68		
Sale of Manure, etc.	64.85		
Sale of Clubs	59.09		978.92
Fire Department--			
Refund Freight	.31		
Sale of old Horse	25.00		
Sale of Old Hose	65.42		85.73
<b>MUNICIPAL ENTERPRISES:</b>			
Sale of Boulevard Lots	\$ 41,966.25		
Less Expenses	590.96	\$41 375.29	
Papers, Boulevard Lots	100.00		
Interest on Boulevard Bonds	1 326.66		42 801.95
Fees, Dock Commission, Adger's Wharf	\$ 1 151.05		
Fees, Dock Commission, Tradd Street Wharf, W. E.	1 087.50		2 238.55
Markets, from Rent Stalls, etc.		4 397.08	49 487.58
<b>RECREATION:</b>			
Parks, Pruning Trees, Enston Home	\$ 49.50		
" Sale of old Horse	15.00		
" Refund	6.36	\$ 70.86	
Artesian Well and Lot--Sale of Old Fountain			
		25.00	95.86
Amount Carried Forward			\$ 967 335.66

Receipts from Income Account and Amounts from the Different Classifications, Including Trust Funds for the  
Fiscal Year Ending December 31st 1916

Amount Brought Forward.....			\$ 967 335.66
<b>INTEREST ACCOUNT:</b>			
Interest on Deposits .....			6 312.68
<b>MISCELLANEOUS:</b>			
From State Brokers' Fees .....	\$ 78.14		
Refund Bill, Charleston & N. R. R. ....	25.00		
County Dispensaries .....	14 908.38		15 011.52
			\$ 988 659.86
			24 551.10
Balance Surplus Cash, December 31, 1915 .....			\$1 013 210.96
<b>TRUST FUNDS:</b>			
Commissioners General Sinking Fund			
Balance Cash, December 31, 1915 .....	\$ 4 492.23		
Interest on Bonds .....	720.00		
Interest on Deposits .....	235.01	\$ 5 447.24	
Commissioners Sewerage Sinking Fund:			
Balance Cash, December 31, 1915 .....	\$14 165.66		
From the 1 Mill Tax paid over by City .....	20 782.68		
Interest on Deposits .....	416.73	35 365.07	
Sewer Extension:			
Balance Cash, December 31, 1915 .....	\$16 406.48		
From Drain Extensions .....	3 255.00	19 661.48	
Police Pension and Relief Fund:			
Balance Cash, December 31, 1915 .....	\$31 723.09		
From Fines and Forfeitures, per pay rolls .....	2 055.56		
From 5% Fines, Recorder's Court .....	828.88		
From Interest on Deposits .....	1 593.65	36 201.18	
Amount Carried Forward .....		\$ 96 674.97	\$1 013 210.96

**Receipts from Income Account and Amounts from the Different Classifications, Including Trust Funds for the  
Fiscal Year Ending December 31st 1916**

Amount Brought Forward		\$ 96 674.97	\$1 018 210.96
<b>Beard Trustees Fireman's Insurance and Inspection Fund:</b>			
Balance Cash, December 31, 1915	316 786.34		
From State, from Fire Insurance Companies	2 180.66		
From 1% Voluntary Assessment	480.66		
From Fines, per Per Pay Rolls	62.50		
From Interest on Deposits	911.06	20 421.22	
<b>Trustees City College Fund:</b>			
Amount Appropriated by City Council	\$ 5 966.00		
From Interest on Bonds and Stocks	4 170.00	10 136.00	
<b>Markets: Amounts received from Fire Loss</b>		275.50	
<b>Orphan House: Amount received from Fire Loss</b>		260.61	
<b>Unexpended Appropriations:</b>			
For Bills remaining unpaid December 31st, of the Current Year, carried to the Debit of the different Appropriation Accounts:			
1897, Balance December 31, 1916	\$ 229.77		
1898, Balance December 31, 1916	496.00		
1914, Balance December 31, 1916	16.00		
1915, Balance December 31, 1916	82 598.33		
1916, Balance December 31, 1916	90 649.15	173 988.25	
<b>Charleston and Summerville R. R.:</b>			
Forfeited if Contract is not Completed		5 000.00	
<b>Green Grocers: Amount in Liquidation</b>		343.20	
<b>Trustees Orphan House Fund and Estate:</b>			
Balance Cash, December 31, 1915	\$ 8 902.48		
State Stock Redeemed	38 176.20		
Interest on Bonds	14 106.19		
Interest on Deposits	2 175.85	63 360.72	370 460.47
			\$1 383 671.43

Receipts from Income Account and Amounts from the Different Classifications, not Including Trust Funds for the  
Fiscal Year Ending December 31st 1916

Taxes 1916 .....			
Surplus Cash from 1915 .....		\$ 24 551.10	\$ 663 005.53
Taxes of other Years .....		26 189.92	
Tax Penalties and Costs .....		1 685.87	
Licenses, Penalties and Costs .....		121 979.07	
Fines, Police Department .....		17 710.50	
Administration .....		5.70	
Charities and Corrections .....		12 949.88	
Education .....		4 170.00	
Highways—Repairs .....	4 107.91		
Improvements, Balance from 1915 .....	64 776.74	68 884.55	
Sundry Amounts .....			
Sanitation and Promotion to Cleanliness .....		1 208.75	
Protection Life and Property .....		1 094.55	
Municipal Enterprise .....		49 437.58	
Recreation .....		95.86	
Interest Account .....		6 812.68	
Miscellaneous .....		16 011.52	880 207.43
Expenditures .....			\$1 018 210.96
Cash Balances .....			969 979.76
Balance as follows:			\$ 53 281.20
Cash Surplus to 1917 .....	\$28 166.54		
Balance due Street Department .....	25 064.66		
	\$53 231.20		

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
<b>Council and Board of Aldermen.</b>					
Publishing proceedings of City Council .....	\$2 246.62		\$2 246.62		
Other advertising .....	140.51		140.51		
Printing, Stationery, etc. ....	181.17		181.17		\$ 2 568.30
<b>Clerk of Council and Custodian of City Hall.</b>					
Salary of Clerk of Council .....	2 100.00		2 100.00		
Printing, stationery and stenographic work .....	91.85		91.85		
P. O. Stamps .....	50.00		50.00		2 241.85
<b>Mayor's Office.</b>					
Salary of Mayor .....	\$3,500.00				
Mayor's Secretary .....	1,200.00		4 700.00		
Printing, Stationery and Stenographic Work .....	88.95		88.95		
P. O. stamps .....	60.00		60.00		
Telegrams and Long Distance .....	31.94		31.94		
P. O. Box .....	1.00		1.00		
Incidentals, Auto Hire, Subscription, Ribbon, etc. ....	28.70		28.70		4 910.59
<b>Treasury Department.</b>					
Salary City Treasurer .....	\$2,800.00				
Salary chief clerk and cashier .....	1,800.00				
Salary bookkeeper .....	1,400.00				
Salary Assistant Clerk .....	1,112.50				
Premium on Official Bond for Assistant .....			7 112.50		
License badges for Vehicles, hackmen, etc. ....			80.00		
Advertising tax notices, etc. ....			180.43		
Books, printing and stationery .....			42.95		
P. O. stamps .....			480.85		
Sealing Machine .....			75.00		
Incidentals, Typewriter Ribbon, etc. ....			20.00		
			2.60	20.00	
Amount carried forward .....	\$ 17 715.07		2.60	\$ 20.00	\$ 17 715.07

Administration.



## Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Amount brought forward	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
<b>Assessor's Department.</b>					
Salary of Assessor .....	\$2,700.00				
Salary of Clerk .....	1,500.00				
Salary of License Inspector .....	1,500.00				
Salary of clerk in County Auditor's office .....	150.00				
Salary of extra help in making up Tax and License Books .....			5 850.00		
Premium on Official Bond .....			331.50		
Books, Stationery, Printing, etc. ....			12.50		
P. O. stamps .....			485.20		
Advertising tax and license notices .....			47.00		
Stenographic Work, Stamps, etc. ....			186.98		
			76.97		
<b>City Sheriff's Office (Dept. collecting delinquent taxes and licenses).</b>					6 989.16
Salary of City Sheriff .....	\$1,800.00				
Salary of Under Sheriff .....	900.00				
P. O. box rent .....			2 700.00		
Books, printing and stationery .....			4.00		
Advertising Delinquents .....			117.16		
P. O. Stamps .....			169.72		
Car tickets .....			60.00		
			15.00		
<b>Law Office.</b>					3 065.87
Salary of Corporation Council .....	\$2,400.00				
Salary of clerk .....	600.00				
Salary of Help in Mesne, Conveyance Office .....	9.00				
Printing, stationery, etc. ....			3 009.00		
Recording Deed .....			17.50		
			3.00		
<b>Amount carried forward</b>	<b>\$ 30 799.59</b>			<b>\$ 20.00</b>	<b>\$ 30 799.59</b>

Administration—Continued.

# Financial Department

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Current Expenditures for the Fiscal Year Ending December 31, 1918. Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward.....	\$ 30 799.59			\$ 20.00	\$ 30 799.59
City Engineer's Dept.					
Salary of Engineer.....	\$3,000.00				
Salary of 2 Assistant Engineers .....	2,700.00				
Salary of Stenographer and Clerk .....	803.33				
Salary of 1 Rodman .....	625.00				
Premium on bonds.....			7 028.33		
Stationery, printing, drawing material and Incidentals, etc.....			15.00		
P. O. Stamps.....			120.49		
Car Tickets.....			20.00		
Telephone.....			55.00		
Incidental Office Supplies .....			25.20		
Cabinet .....			16.58		
			12.35	12.35	7 292.95
Municipal Court.					
Salary of Recorder.....	1 500.00		1 500.00		1 500.00
Amount carried forward .....	\$ 39 592.54			\$ 32.35	\$ 39 592.54

Administration—Continued.

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 39 592.54			\$ 32.85	\$ 39 592.54
City Hall, Clock and Chimes.....					
Salary of Janitor.....	\$600.00				
Salary of Fireman.....	325.00				
Salary of keepers of St. Michael's and St. Matthew's Clocks.....	480.00				
Extra help, City Hall .....			1 405.00		1 405.00
			120.00		120.00
Ringling Chimes .....	30.00				
Gas Lights .....	36.76				
Electric Lights .....	31.38				
Telephone .....	193.20				
Fuel.....	186.70				
Rent P. O. Boxes.....	13.00				
Ice.....	53.50				
Car tickets.....	10.00				
Insurance.....	516.54				
Plumbing and Sewer Connections.....	338.22				
New Ceiling Court Room and Engineer's Office.....	152.85				
Incidentals, Laundry of Towels, Mops, Soap, Mantels, Toilet Paper, Brooms, Chemicals, etc. ....					
Cleaning Vaults and Boiler .....	189.63				
Frame for Mayor Grice's Picture .....	30.00				
Printing, Stationery and City Directory .....	55.00				
Repairs .....	88.00				
	133.02				
Lighting Clock, St. Matthew's Church .....					
Amount carried forward .....	180.00		180.00		180.00
	\$ 43 360.34			\$ 32.35	\$ 43 360.34

Administration—Continued.

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Administration—Continued.	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 43 360.34			\$ 32.35	\$ 43 360.34
Mayor's Annual Report.					
Publishing 750 Copies Annual Reports .....	1 377.35		1 377.35		
Publishing 200 Copies Treasurer's Reports .....	98.25		98.25		
P. O. Stamps on mailing .....	52.00		52.00		1 527.60
Water Election.					
Extra Services Rendered .....	130.00		130.00		
Getting Signatures .....	624.85		624.85		
Traveling Expenses, Advisory Committee .....	214.65		214.65		969.50
Entertainment.					
Entertaining South Carolina Medical Society .....	150.00		150.00		
Entertaining Mayor Behrmann, of New Orleans .....	94.20		94.20		
Entertaining Naval Officers .....	160.25		160.25		404.45
Miscellaneous.					
Officials attending Meeting of League of American Municipalities .....	247.30		247.30		
Subscriptions to Journals .....	55.00		55.00		312.30
Amount carried forward .....	\$ 46 574.19			\$ 32.35	\$ 46 574.19



# Financial Department

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Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Protection of Life and Property—Continued.	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 126 989.78			\$ 164.91	
Erecting Training Tower .....				364.27	
Renewals, Oil, Waste, Repairs Engine Houses, Engines and Heater Casings, Acid, etc. ....	3 740.00		3 740.00		
Repairs Chief's Auto .....	551.83		551.83		
Floral Tribute .....	10.00		10.00		
Chief's Expenses to Convention .....	63.30		63.30		85 145.00
Water .....					
Contract .....	43 999.96		43 999.96		
Extra Hydrants .....	1 160.04			1 160.04	45 150.00
Inspection Electric Wires .....					
Salary of Electrician .....	\$1,500.00				
Salary of Assistant Electrician .....	1,200.00				
Salary of Lineman .....	600.00		3 500.00		
Incidentals, P. O. Stamps .....	10.00				
Printing and Stationery .....	59.60				
P. O. Box Rent .....	4.00				
Car Tickets .....	20.00		93.60		3 693.60
Meter Inspector .....					
Salary of Inspector, 11 months .....	1 375.00		1 375.00		
P. O. Stamps .....	6.00		6.00		
Car Tickets .....	15.00		15.00		
Wire, etc. ....	7.11		7.11		
Printing and Stationery .....	22.50		22.50		1 424.61
Amount carried forward .....	\$ 181 997.40			\$ 1 689.22	\$ 186 423.21

Current Expenditures for the Fiscal Year Ending December 31, 1916. Classified by Character and Source—Continued.

	Amount brought forward	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Department, including outlays
<b>Plumbing Inspector.</b>						
Salary of Inspector, balance 1915.....	\$ 35.48					
Salary of Inspector, 1916 .....	1,200.00					
<b>Car Tickets</b>						
Tape Line .....		1 235.48				
Flash Light .....		15.00				
Bicycle .....		3.00				
Repairs, Bicycle .....		1.00				
		30.00				
		13.50				
<b>Board of Examiners, Moving Pictures.</b>						
Printing .....		4.50				
<b>Fire and Police Alarm.</b>						
Labor .....		139.50				
Wire .....		571.66				
Acids, Drill and Spikes .....		14.95				
Car Tickets .....		35.00				
Wagon Hire .....		50.00				
<b>Police Department.</b>						
Salary of Chief .....	\$2,299.94					
Salary of 1st Lieutenant .....	1,500.00					
Salary of 2d Lieutenant .....	1,378.53					
Salary of 3d Lieutenant .....	1,378.53					
Salary of Clerk .....	1,200.00					
<b>Amount carried forward</b> .....	\$7,757.00					
<b>Total</b> .....		\$ 181 997.40			\$ 1 689.22	\$ 185 423.21





Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Protection of Life and Property—Continued.	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 315 185.97			\$ 1 689.22	\$ 137 536.60
Repairs to Building .....	1 911.01		1 911.01		
Repairs to Autos .....	920.00		920.00		
Repairs to Harness, Bicycles, Plumbing, etc .....	908.77		908.77		
Purchase of Autos .....	1 097.14			1 097.14	
Equipment Detective Bureau .....	17.66			17.66	
Bowling Alley .....	250.00			250.00	
Motorcycle .....	100.00			100.00	
Medical Services Lieut. Rohde, Privates Finley and Moore .....	488.40		488.40		
Incidentals, Ice, Telegrams, Long Distance, Analyses Beer and Liquor, Hydrant renewed, Hardware, etc. ....	661.82		661.82		
Line and Signal Service—					
Salary Lineman .....	\$ 480.00				
Telephones .....	50.40				
Printing and Stationery .....	48.50				
Repairs, Hauling, etc. ....	358.55				
Bicycle .....			937.45	937.45	138 404.03
Dog Pound.				37.50	
Salary of Catcher (522 dogs) .....	261.00		261.00		
Wagon Hire .....	303.75		303.75		
Badges .....	20.75		20.75		585.50
Freight Adjustment and Steering Committee.					
One-half Expenses for Adjusting Freight Rates .....	3 004.56		3 004.56		3 004.56
Amount carried forward .....	\$ 326 104.86			\$ 3 191.52	\$ 279 530.69

Current Expenses for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
<b>Amount Brought Forward</b>	\$ 326 104.88			\$ 3 191.52	\$ 279 530.69
<b>Water Committee, Special (Testing Water).</b>					
Salary of Chemist	\$1,500.00				
Salary of Porter	98.25				
<b>Rent of Office</b>	1 598.25		1 598.25		
Gas and Electricity	60.00		60.00		
Petty Cash	42.00		42.00		
Collecting Water	18.22		18.22		
Supplies and Copy Franchise, Durham, N. C.	48.97		48.97		
Insurance	57.66		57.66		
Printing and Stationery	5.50		5.50		
Stenographic Work	63.20		63.20		
Repairs Valves, etc.	86.90		86.90		
Expenses to Convention	13.85		13.85		
	69.60		69.60		
<b>Board of Health.</b>					
Salary of Health Officer	\$2,400.00				
Salary of Clerk	1,300.00				
Salary of Stenographer	300.00				
Salary of extra Stenographer	91.61				
<b>Petty Cash, Miscellaneous Payments</b>	4 091.61		4 091.61		
Telephone	322.14		322.14		
Purchase of Auto	12.60		12.60		
Erecting Garage	391.50			391.50	
Upkeep Auto	63.50			63.50	
Printing, Stationery and Stamps	26.00		26.00		
Repairs Drinking Faucets	774.44		774.44		
	108.38		108.38		
<b>Amount Carried Forward</b>	\$ 333 948.20			\$ 3 636.52	
					\$ 281 594.84

Health, Protection Life and Property

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers Between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
<b>Health—Con.</b>					
Amount Brought Forward.....	\$ 333 948.20			\$ 3 636.52	
Salary Medical Inspectors .....	\$ 477.28				
Expenses Infantile Paralysis .....	211.17				
Salary Bacteriologist .....	\$1,800.00				
Salary Assistant Bacteriologist .....	900.00				
Salary of Help to Bacteriologist .....	60.00				
Expenses Bacteriologist .....					
Rent Laboratory Bacteriologist .....	2 760.00		2 760.00		
Auto Up-keep Bacteriologist .....	509.01		509.01		
Salary Veterinary Surgeon .....	300.00		300.00		
Expenses Veterinary Surgeon .....	675.00		675.00		
Purchase Disinfectants .....	1 200.00		1 200.00		
Burying Dead Animals .....	2.50		2.50		
Contagious Diseases, Salaries Keeper, Nurses, Groceries, Hire of Boat, etc. ....	162.65		162.65		
Ambulance Hire .....	549.00		549.00		
Steam Heat Disinfecting .....	2 140.89		2 140.89		
South Carolina Sanatorium. Tuberculosis Patients .....	300.00		300.00		
	100.00		100.00		
					15 566.67
	61.00		61.00		61.00
<b>Sanitation.</b>					
Board of Health. ....					
Salary Chief Sanitary Inspector .....	1 200.00		1 200.00		
Salary Four Sanitary Inspectors .....	3 120.00		3 120.00		
Salary Four Extra Sanitary Inspectors .....	520.00		520.00		
Amount Carried Forward.....	\$ 348 636.70			\$ 3 636.52	\$ 4 840.00

Current Expenses for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including Outlays	Outlays	Total cost of Departments including outlays
Amount Brought Forward.....	\$ 348 636.70			\$ 3 636.52	\$ 4 840.00
Street Department.					
Street Cleaning:					
Salary Veterinary Surgeon .....	118.50		118.50		
Pay Rolls .....	27 637.50		27 637.50		
Telephone .....	14.00			14.00	
Forage .....	1 817.21		1 817.21		
Shoeing .....	150.50			150.50	
Sawdust .....	46.80			46.80	
Fuel .....	8.25			8.25	
Repairs to Carts, Harness, etc. ....	1 118.31		1 118.31		
Lights .....	2.80			2.80	
Insurance .....	72.35			72.35	
Sprinkling .....	479.24			479.24	
Purchase of Mules .....	2 775.00			2 775.00	
Purchase of Sweepers .....	920.00			920.00	35 060.46
Street Department.					
Saving:					
Pay Rolls .....	18 182.16		18 182.16		
Salary of Veterinary Surgeon .....	315.00		315.00		
Forage .....	4 858.85		4 858.85		
Sawdust .....	104.10			104.10	
Shoeing .....	402.30			402.30	
Telephone .....	28.00			28.00	
Lights .....	35.65			35.65	
Fuel .....	54.48			54.48	
Insurance .....	156.66			156.66	
Ice .....	118.99			118.99	
Carting Dead Animals .....	231.00			231.00	
Amount carried forward .....	\$ 408 188.29			\$ 7 381.52	\$ 39 900.46

Sanitation and Promotion to Cleanliness—Con.

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Sanitation and Promotion to Cleanliness—Con.	Payments	Transfers Department	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 408 183.29			\$ 7 331.52	\$ 39 900.46
Axle Grease, Repairs Carts, Harness, Lumber, Shoeing, etc .....	2 638.70		2 638.70	1 925.00	
Purchase of Mules .....	1 925.00			1 240.00	
Purchase of Carts .....	1 240.00			292.50	
Purchase of Covers .....	292.50			433.50	
Purchase of Harness .....	433.50				31 015.83
Sewer Department.					
Salary of Electricians .....	\$2,448.00				
Salary of Engineer .....	900.00				
Salary of Firemen .....	1,200.00				
Salary of Secretary .....	6.00				
Printing and Stationery .....					
Labor .....	82.49				
Fuel .....	1 869.06				
Power House Supplies, Ice, Oil, Packing, etc .....	403.15				
System .....	581.72				
Pump Pits, Current .....	106.43				
Pump Pits, Oil, Grease, Packing .....	2 336.03				
Paving Assessments .....	217.14				
Miscellaneous, Repairs Drain and Fence .....	34.50				
Highways Improvements.	14.25				
Pay Rolls .....					
Contract Work .....	856.20				
Amount carried forward .....	22 121.22			856.20	22 977.42
	\$ 447 889.18			\$ 34 234.44	\$ 104 092.48

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount Brought Forward.....	\$ 447 889.18			\$ 34 234.44	\$ 104 092.48
Highways Repairs.					
Pay Rolls .....	3 494.69		3 494.69		
Material .....	561.16		561.16		4 055.85
Tidal Drains.					
Closing up Flood Gates .....	97.40		97.40		97.40
Sewerage Special Tax.					
1 Mill Levy transferred to Sewerage Sinking Fund for Redemption of Bonds and Paying Interest on Outstanding Bonds.....	20 782.68	20 782.68			20 782.68
Street Highways (Repairs).					
Salary of Clerk and Secretary .....	1 500.00		1 500.00		\$ 129 028.41
Salary of Veterinary Surgeon .....	9.00		9.00		
Printing, Stationery, Advertising and Office Expenses .....	649.62		649.62		
Car Tickets .....	150.00		150.00		
Expenses Investigating Garbage Crematory .....	88.70		88.70		
Forage .....	139.42		139.42		
Shoeing .....	11.60		11.60		
Maintenance and Repairs Auto .....	600.32		600.32		
New Auto .....	665.00			665.00	
Rent of Lot .....	180.00				
Hardware, etc. ....	167.57				
Pay Roll, Labor for Filling, Repairs to Storm Damage, etc. ....	227.30				
Repairs Steam Roller, Cart, Wall of Presbyterian Church, etc. ....	290.42				
Amount Carried Forward.....	\$ 477 494.06	\$ 20 782.68		\$ 34 899.44	

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Highways—Continued.	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 477 494.06	\$ 20 782.68		\$ 34 899.44	
Pay Rolls, Repairs Sidewalk .....	\$1,441.20				
Materials .....	563.50				
Pay Rolls Repairs Curbing .....			2 004.70		
Pay Rolls for Repairs Paving .....	\$4,773.23		139.15		
Materials .....	220.70				
Pay Rolls Repairs Roadways .....			4 993.93		
Materials .....	2,561.07				
Materials on Hand at Lot .....	451.52				
Street Highways Improvements, Pay Rolls, New Sidewalks, Services, Inspection and Contract .....	\$ 435.70		3 012.59		
Contract .....	314.28		4 645.93		19 465.25
Pay Rolls New Curbing .....	\$1,046.40			749.98	
Contract .....	7,123.53				
Pay Rolls New Paving .....	\$ 541.33			8 169.93	
Material .....	17.09				
Pay Rolls, new Roadway .....					
Abutting Property, Pay Rolls .....	\$ 4,542.52			558.42	
Contract .....	85,711.69			237.95	
Amount carried forward .....	87 254.21			87 254.21	96 970.49
	\$ 559 260.86	\$ 20 782.68		\$ 131 869.93	\$ 116 435.74

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
<b>Highways—Con.</b>					
Amount brought forward .....	\$ 589 260.85	\$ 20 782.68		\$ 131 869.93	\$ 116 435.74
Streets, Highways.					
Purchase of Lot .....	4 738.95			4 738.95	4 738.95
Street Lighting.					
Gas, per Contract .....	15 460.86		15 460.86		
Electric, per Contract .....	19 575.75		19 575.75		
1/2 Cost Lighting King Street .....	3 999.88		3 999.88		
Lighting Columbus Street .....	100.00		100.00		
Car Tickets .....	55.00		55.00		
					39 191.49
					\$ 160 365.18
<b>Charities and Corrections</b>					
Charleston Home.					
Salary of Superintendent .....	\$ 500.00				
Salary of Matron .....	300.00				
Salary of Clerk .....	300.00				
Salary of Secretary .....	300.00				
Salary of House Help .....	300.00				
Petty Cash .....	1 700.00		1 700.00		
Light .....	800.00		800.00		
Fuel .....	257.50		257.50		
Insurance .....	255.90		255.90		
Printing and Stationery .....	32.60		32.60		
Advertising .....	33.00		33.00		
House Furnishing .....	86.84		86.84		
Drugs .....	417.70		417.70		
	160.07		160.07		
Amount carried forward .....	\$ 636 934.90	\$ 20 782.68		\$ 136 608.88	



Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Charities and Corrections—Continued.											
Amount brought forward		Payments		Transfers between Departments		Payments not including outlays		Outlays		Total cost of Departments including outlays	
		\$ 636 984.90	\$ 20 782.68			\$ 484.25	\$ 136 608.88			10 723.36	\$ 10 901.57
Bread and Biscuits		547.23				547.23					
Meat		596.05				596.05					
Milk		366.00				366.00					
Groceries		\$2,280.94									
Bacon		613.26									
Grist and Meal		581.05									
Fish and Poultry											
Vegetables											
Hats and Shoes											
Clothing											
Dry Goods											
Repairs, Plumbing, etc.		\$ 284.04									
Repairs, Clerk's House		785.00									
Transportation.											
Transportation Paupers to the First Town Outside the Limits of the State		1 069.04				1 069.04					
Commissioners of Public Lands.											
(Old Folks' Home, Colored)											
Salary of Steward											
Salary of Matron											
Salary of Secretary											
Salary of Grave Digger											
Salary of Cook											
Salary of Washer											
Amount Carried Forward		\$ 644 092.86	\$ 20 782.68				\$ 136 608.88			10 723.36	\$ 10 901.57

## Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers Between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount Brought Forward .....	\$ 644 092.86	\$ 20 782.68	.....	\$ 136 608.88	\$ 10 901.67
Salary of Seamstress .....	1 213.96	.....	1 213.96	.....	.....
Printing, Stationery and Advertising .....	6.26	.....	6.26	.....	.....
Insurance .....	320.00	.....	320.00	.....	.....
Repairs .....	356.30	.....	356.30	.....	.....
Fuel .....	287.88	.....	287.88	.....	.....
Bread .....	194.54	.....	194.54	.....	.....
Groceries .....	1 515.92	.....	1 515.92	.....	.....
Meat .....	426.65	.....	426.65	.....	.....
Vegetables .....	101.35	.....	101.35	.....	.....
Shoes .....	94.40	.....	94.40	.....	.....
Clothing and Dry Goods .....	316.12	.....	316.12	.....	.....
Rice Straw .....	6.50	.....	6.50	.....	.....
Drugs .....	106.95	.....	106.95	.....	4 946.83
<b>Roper Hospital.</b>					
City Pauper Patients .....	40 000.00	.....	40 000.00	.....	40 000.00
<b>Florence Crittenton Home.</b>					
Contribution Towards Support .....	500.00	.....	500.00	.....	500.00
<b>Day Nursery.</b>					
Contribution Towards Support .....	300.00	.....	300.00	.....	300.00
<b>St. Margaret's Home.</b>					
Contribution Towards Support .....	500.00	.....	500.00	.....	500.00
Amount Carried Forward .....	\$ 690 339.69	\$ 20 782.68	.....	\$ 136 608.88	\$ 57 148.40

Charities and Corrections—Continued.

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Amount Brought Forward	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
<b>Charleston Orphan House.</b> Salary of Principal ..... \$1,200.00 Salary of Teachers ..... 2,370.00 Salary of Secretaries ..... 500.00 Salary of Matrons ..... 931.00 Salary of Engineer ..... 1,200.00 Salary of Gardener ..... 240.00 Salary of Gateman ..... 240.00 Salary of House Help, Cooks, Washers, etc. .... 1,164.00 Salary of Seamstress ..... 385.25 Salary of Physicians ..... 700.00	\$ 690 339.69	\$ 20 782.68		\$ 136 608.88	\$ 57 148.40
<b>Charities and Corrections—Continued.</b> Petty Cash ..... Printing, Stationery, etc. .... Fuel ..... Drugs ..... Groceries ..... Milk ..... Meat ..... Bread ..... Shoes ..... Dry Goods ..... Clothing ..... House Furnishing, etc. .... Forge ..... Repairs ..... Insurance ..... Lights .....	8 930.25 1 500.00 188.02 1 452.85 152.31 3 406.87 1 176.80 1 010.37 2 254.42 1 090.79 1 242.68 164.02 366.24 83.46 2 017.11 40.00 184.23		8 930.25 1 500.00 188.02 1 452.85 152.31 3 406.87 1 176.80 1 010.37 2 254.42 1 090.79 1 242.68 164.02 366.24 83.46 2 017.11 40.00 184.23		26 264.32 \$ 82 402.72
Amount Carried Forward	\$ 715 594.01	\$ 20 782.68		\$ 136 608.88	\$ 82 402.72

# Financial Department

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Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Charities and Corrections—Continued.	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount Brought Forward	\$ 715 594.01	\$ 20 782.68		\$ 136 608.88	\$ 82 402.72
City Orphan Asylum.					
Salaries House Help	521.61		521.61		
Lights	31.35		31.35		
Fuel	443.65		443.65		
Books, Stationery and Printing	41.68		41.68		
Groceries	1 700.83		1 700.83		
Bread	708.61		708.61		
Meat	662.39		662.39		
Vegetables	216.74		216.74		
Drugs	170.40		170.40		
Dry Goods, Clothing and Shoes	522.31		522.31		
Forage	374.10		374.10		
Furniture	59.00		59.00		
Repairs, Plumbing, etc.	505.78		505.78		
Hardware, etc.	17.10		17.10		5 975.55
Industrial School Colored Orphans.					
Contribution Towards Support	2 500.00		2 500.00		2 500.00
Police Relief and Pension Fund.					
Paid over to this Fund by Ordinance Ratified February 25, 1913.	828.88	828.88			828.88
Amount Carried Forward	\$ 724 898.44	\$ 21 611.56		\$ 136 608.88	\$ 91 707.15

## Charities and Corrections—Continued.

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Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Education.	Amount brought forward	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward		\$ 735 956.69	\$ 21 611.56		\$ 136 608.88	
Education.						
Charleston Library Association:						
Binding and Preserving Valuable Papers		100.00		100.00		100.00
College of Charleston:						
On Acct. Current Expenses		8 886.00		8 886.00		
Better Advertising		750.00		750.00		
On Acct. Dormitory Debt		500.00		500.00		10 136.00
Charleston Museum:						
Salary of Director	\$1,500.00					
Salary of Curator	700.00					
Salary of Secretary	485.26					
Salary of Assistant Secretary	400.00					
Salary of Janitor	330.00					
Printing, Stationery and Subscriptions		3 388.25		3 388.25		
Petty Cash		375.12		375.12		
Telephone		60.00		60.00		
Lights		54.60		54.60		
Supplies, Hardware, etc.		50.90		50.90		
Incidental Expenses		74.92		74.92		
Insurance		17.10		17.10		
Repairs		150.00		150.00		
Repairs, Storm Damage	\$ 16.60					
	182.78	199.38		199.38		4 370.28
Amount carried forward		\$ 750 562.97	\$ 21 611.56		\$ 136 608.88	\$ 14 606.28

## Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 750 562.97	\$ 21 611.56		\$ 136 608.88	\$ 14 606.28
<b>Commissioners Public Schools:</b>					
Amount appropriated by City Council, Paid Over to Clerk, Board of Public Schools of Charleston .....	1 000.00		1 000.00		1 000.00
<b>Charleston High School:</b>					
Contract .....	4 000.00		4 000.00		
Afternoon Tuition .....	1 125.00		1 125.00		
Industrial Department .....	5 000.00		5 000.00		
Extra Teachers .....	800.00		800.00		
Repairs .....	250.00		250.00		11 175.00
<b>Citadel:</b>					
Five Scholarships .....	1 620.00		1 620.00		
One Additional Scholarship for three months for Balance of year .....	40.00		40.00		1 660.00
Examination of Same .....					
<b>Alice Carey Kindergarten (Colored):</b>					
Amount Appropriated by City Council .....	75.00		75.00		75.00
<b>Charleston Free Kindergarten Association (Colored):</b>					
Amount Appropriated by City Council .....	75.00		75.00		75.00
<b>South Carolina Kindergarten Association:</b>					
Amount Appropriated by City Council .....	1 000.00		1 000.00		1 000.00
Amount carried forward .....	\$ 765 547.97	\$ 21 611.56		\$ 136 608.88	\$ 29 591.28

Education—Continued.

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
<b>Recreation.</b>					
Amount brought forward .....	\$ 765 547.97	\$ 21 611.56		\$ 136 608.88	
Artesian Well and Lot .....					
Cleaning Fountain .....	60.00		60.00		
Repairs to Fountain .....	150.72		150.72		210.72
<b>Commissioners Marion Square.</b>					
Salary of Keeper .....	400.00		400.00		
Labor .....	57.70		57.70		
Purchase of Trees .....	5.00		5.00		
Supplies .....	4.76		4.76		467.46
<b>Home and School Association.</b>					
Music (Mitchell Playground.) .....					
Music .....	105.00		105.00		105.00
<b>Water.</b>					
Post Office Park Fountain .....	228.12		228.12		228.12
<b>Municipal Playground.</b>					
Salary of Supervisor .....	\$1,500.00				
Salary of Assistants .....	1,832.35				
Amount carried forward .....	\$ 769 891.62	\$ 21 611.56	\$ 332.35	\$ 136 608.88	\$ 1 011.30

Financial Department



Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 769 891.62	\$ 21 611.56		\$ 136 608.88	\$ 1 011.30
Labor .....	188.05		188.05		
Petty Cash .....	60.00		60.00		
Printing and Stationery .....	8.40		8.40		
Office Expenses .....	2.45		2.45		
Equipments .....	882.14			882.14	
Lights .....	20.30		20.30		
Hauling .....	36.15		36.15		
Miscellaneous, Moving Stand, Paper, Drugs, Hardware, etc. ....	186.48		186.48		
Repairs .....	101.83		101.83		
Expenses attending Convention .....	100.00		100.00		
Parks.					4 917.12
Salary of Superintendent .....	\$1,000.00				
Salary of Secretary .....	300.00				
Salary of Gardener .....	1,000.00				
Salary of Police and Watchmen .....	2,340.00				
Salary of Forester .....	300.00				
Expenses, Forester .....	4 940.00		4 940.00		
Car Tickets .....	10.00		10.00		
Petty Cash .....	150.00		150.00		
Printing, Stationery and Typewriting .....	20.00		20.00		
	59.25		59.25		
Amount carried forward .....	\$ 776 555.64	\$ 21 611.56		\$ 137 491.02	\$ 5 928.42

Recreation—Continued.

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Municipal Enterprises.	Recreation—Continued.						Total cost of Departments including outlays
		Amount Brought Forward	Payments	Transfers between Departments	Payments not including outlays	Outlays	
		\$ 776 665.64	\$ 21 611.56			\$ 137 491.02	\$ 5 928.42
		Insurance .....					
		Incidentals, Subscriptions, etc. ....					
		Telephone .....	33.25		33.25		
		Forge .....	24.00		24.00		
		Shoeing .....	387.85		387.85		
		Lights .....	16.88		16.88		
		Music .....	131.84		131.84		
		Purchase of Trees, etc. ....	105.00		105.00		
		Pay Rolls .....	728.54				
		Pay Rolls, Special, Library Ground	8 049.97		8 049.97		
		Repairs, Lumber, Paint, Cement, Hose, Roofing, Lawn Mower, Har-	40.50		40.50		
		ness, Freight, etc. ....	2 159.58		2 159.58		
		Glass Green House, Gravel and Cement					
		Pay Rolls, Improvements .....	365.30				
		Markets, .....	812.15				
		Salary of Clerk .....					
		Salary of Clerk Weights and Measures .....	\$1,200.00				
		Salary of Secretary .....	900.00				
		Salary of Secretary .....	100.00				
		Labor .....	2 200.00		2 200.00		
		Lights, Gas .....	543.75		543.75		
		Lights, Electric .....					
		Insurance .....	448.67		448.67		
		Amount carried forward .....	83.25		83.25		
			\$ 792 784.17	\$ 21 611.56		\$ 139 395.01	
							\$ 23 960.53

## Mayor Hyde's Annual Review

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 979 288.36	\$ 21 611.56		\$ 139 395.01	
Police Relief and Pension Fund:					
Pensions .....	2 294.42		2 294.42		2 294.42
Board of Trustees Fireman's Insurance and Inspection Fund:					
Funeral Expenses of Firemen .....	300.00		300.00		
Fireman's State Association .....	109.03		109.03		409.03
City College Fund:					
Treasurer, on Acct. Expenses .....	10 136.00		10 136.00		10 136.00
Trustees Orphan House Fund and Estate:					
Paid over to City for Current Expenses Orphan House .....	12 843.48		12 843.48		12 843.48
Unexpended Appropriation, 1915:					
Bills Paid .....	82 473.43		82 473.43		82 473.43
Markets, Fire Loss .....	275.50		275.50		275.50
Orphan House Fire Loss .....	260.61		260.61		260.61
	\$1 087 980.83	\$ 21 611.56		\$ 139 395.01	\$1 087 980.83

Trust Funds—Continued.

Summary of Expenditures, With Source of Revenue and Proportion of Tax Rate.

	Total cost of Departments including outlays.	Total cost of Departments as grouped.	Pro rata Share of Sources except Current Year's Tax 1916.	Pro rata Share Received from Current Year's Tax 1916.	Cost of each Group per \$1,000 of assessed values when total rate is Rate \$33.00.
<b>Administration.</b>					
Council and Board of Aldermen .....	\$ 2 568.30				
Clerk of Council .....	2 241.85				
Mayor's Office .....	4 910.59				
City Treasurer's Department .....	7 894.33				
City Assessor's Department .....	6 989.15				
City Sheriff's Department .....	3 065.87				
Law Office .....	3 029.50				
City Engineer's Department .....	7 292.95				
Municipal Court .....	1 500.00				
City Hall, Clock and Chimes .....	3 587.80				
Lighting St. Matthew's Clock .....	180.00				
Mayor's Annual Report .....	1 527.60				
Water Election .....	969.50				
Miscellaneous, Attending Meeting American League and Subscription to Journals .....	312.30				
Entertaining .....	404.45	\$ 46 574.19	\$ 16 990.60	\$ 29 583.69	1.382
<b>Protection Life and Property. Pictures</b>					
Examination Board Moving Pictures .....	4.50				
Fire Department .....	85 145.00				
Water .....	45 160.00				
Inspection Electric Wires .....	3 693.60				
Meter Inspector .....	1 424.51				
Plumbing Inspector .....	1 297.78				
Fire and Police Alarm .....	811.11				
Police Department .....	138 404.03				
Dog Pound .....	585.50				
Freight Adjustment and Steering Committee .....	3 004.56				
Water Committee, Special (Testing Water) .....	2 064.15				
		281 594.84	102 727.80	178 867.04	8.346
<b>Amount carried forward .....</b>		\$ 328 169.03	\$ 119 718.40	\$ 208 450.63	9.728

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

		Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount Brought Forward		\$ 690 339.69	\$ 20 782.68		\$ 136 608.88	\$ 57 148.40
Charities and Corrections—Continued.						
Charleston Orphan House.						
Salary of Principal	\$1,200.00					
Salary of Teachers	2,370.00					
Salary of Secretary	500.00					
Salary of Matrons	831.00					
Salary of Engineer	1,200.00					
Salary of Gardener	240.00					
Salary of Gateman	240.00					
Salary of House Help, Cooks, Washers, etc.	1,164.00					
Salary of Seamstress	385.25					
Salary of Physicians	700.00					
Petty Cash		8 930.25		8 930.25		
Printing, Stationery, etc.		1 500.00		1 500.00		
Fuel		188.02		188.02		
Drugs		1 452.85		1 452.85		
Groceries		152.31		152.31		
Milk		3 400.87		3 400.87		
Meat		1 176.80		1 176.80		
Bread		1 010.37		1 010.37		
Shoes		2 254.42		2 254.42		
Dry Goods		1 090.79		1 090.79		
Clothing		1 242.58		1 242.58		
House Furnishing, etc.		164.02		164.02		
Repairs		358.24		358.24		
Insurance		83.46		83.46		
Lights		2 017.11		2 017.11		
		40.00				
		184.23		184.23		
Amount Carried Forward		\$ 716 594.01	\$ 20 782.68		\$ 136 608.88	\$ 82 402.72

# Financial Department

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Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

Charities and Corrections—Continued.	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount Brought Forward .....	\$ 715 594.01	\$ 20 782.68		\$ 136 608.88	\$ 82 402.72
City Orphan Asylum.					
Salaries House Help .....	521.61		521.61		
Lights .....	31.35		31.35		
Fuel .....	443.65		443.65		
Books, Stationery and Printing .....	41.68		41.68		
Groceries .....	1 700.83		1 700.83		
Bread .....	708.61		708.61		
Meat .....	662.39		662.39		
Vegetables .....	216.74		216.74		
Drugs .....	170.40		170.40		
Dry Goods, Clothing and Shoes .....	522.31		522.31		
Forage .....	374.10		374.10		
Furniture .....	59.00		59.00		
Repairs, Plumbing, etc. ....	505.78		505.78		
Hardware, etc. ....	17.10		17.10		5 975.55
Industrial School Colored Orphans.					
Contribution Towards Support .....	2 500.00		2 500.00		2 500.00
Police Relief and Pension Fund.					
Paid over to this Fund by Ordinance Ratified February 26, 1913.....	828.88	828.88			828.88
Amount Carried Forward .....	\$ 724 838.44	\$ 21 611.56		\$ 136 608.88	\$ 91 707.15

Charities and Corrections—Continued.

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# Financial Department

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Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers Between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 735 956.69	\$ 21 611.56		\$ 136 608.88	
Education.					
Charleston Library Association:					
Binding and Preserving Valuable Papers .....	100.00		100.00		100.00
College of Charleston:					
On Acct. Current Expenses .....	8 886.00		8 886.00		
Better Advertising .....	750.00		750.00		
On Acct. Dormitory Debt .....	500.00		500.00		10 136.00
Charleston Museum:					
Salary of Director .....	\$1,500.00				
Salary of Curator .....	700.00				
Salary of Secretary .....	458.26				
Salary of Assistant Secretary .....	400.00				
Salary of Janitor .....	330.00				
Printing, Stationery and Subscriptions .....	3 388.25		3 388.25		
Petty Cash .....	376.12		376.12		
Telephone .....	60.00		60.00		
Lights .....	54.60		54.60		
Supplies, Hardware, etc. ....	50.90		50.90		
Incidental Expenses .....	74.92		74.92		
Insurance .....	17.10		17.10		
Repairs .....	150.00		150.00		
Repairs, Storm Damage .....	199.38		199.38		
Amount carried forward .....	\$ 750 562.97	\$ 21 611.56		\$ 136 608.88	\$ 14 606.28



## Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers Between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 750 562.97	\$ 21 611.56		\$ 136 608.88	\$ 14 606.28
Commissioners Public Schools: Amount appropriated by City Council, Paid Over to Clerk, Board of Public Schools of Charleston .....	1 000.00		1 000.00		1 000.00
Charleston High School:					
Contract .....	4 000.00		4 000.00		
Afternoon Tuition .....	1 125.00		1 125.00		
Industrial Department .....	5 000.00		5 000.00		
Extra Teachers .....	800.00		800.00		
Repairs .....	250.00		250.00		11 175.00
Citadel:					
Five Scholarships .....	\$1,500.00				
One Additional Scholarship for three months for Balance of year .....	120.00				
Examination of Same .....					
Alice Carey Kindergarten (Colored): Amount Appropriated by City Council .....	1 620.00		1 620.00		1 660.00
	40.00		40.00		
Charleston Free Kindergarten Association (Colored): Amount Appropriated by City Council .....	75.00		75.00		75.00
South Carolina Kindergarten Association: Amount Appropriated by City Council .....	75.00		75.00		75.00
Amount carried forward .....	1 000.00		1 000.00		1 000.00
	\$ 765 547.97	\$ 21 611.56		\$ 136 608.88	\$ 29 591.28

Education—Continued

# Financial Department

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Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
<b>Recreation.</b>					
Amount brought forward .....	\$ 765 547.97	\$ 21 611.56		\$ 136 608.88	
Artesian Well and Lot .....					
Cleaning Fountain .....	60.00		60.00		
Repairs to Fountain .....	150.72		150.72		210.72
Commissioners Marion Square.					
Salary of Keeper .....	400.00		400.00		
Labor .....	57.70		57.70		
Purchase of Trees .....	6.00		6.00		
Supplies .....	4.76		4.76		467.46
Home and School Association.					
(Mitchell Playground.)					
Musik .....					
Water .....	105.00		105.00		105.00
Post Office Park Fountain .....					
Municipal Playground.					
Salary of Supervisor .....	\$1,500.00				
Salary of Assistants .....	1,832.35				228.12
Amount carried forward .....	\$ 332.35		\$ 332.35		
	\$ 769 891.62	\$ 21 611.56		\$ 136 608.88	\$ 1 011.30

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 769 891.62	\$ 21 611.56		\$ 186 608.88	\$ 1 011.30
Labor .....	188.05		188.05		
Petty Cash .....	60.00		60.00		
Printing and Stationery .....	8.40		8.40		
Office Expenses .....	2.45		2.45		
Equipment .....	882.14			882.14	
Lights .....	20.30		20.30		
Hauling .....	36.16		36.16		
Miscellaneous, Moving Stand, Paper, Drugs, Hardware, etc. ....	186.48		186.48		
Repairs .....	101.83		101.83		
Expenses attending Convention .....	100.00		100.00		
Parks .....					4 917.12
Salary of Superintendent .....	\$1,000.00				
Salary of Secretary .....	300.00				
Salary of Gardener .....	1,000.00				
Salary of Police and Watchmen .....	2,340.00				
Salary of Forester .....	300.00				
Expenses, Forester .....					
Car Tickets .....	10.00				
Petty Cash .....	150.00				
Printing, Stationery and Typewriting .....	20.00				
	59.25				
Amount carried forward .....	\$ 776 655.64	\$ 21 611.56		\$ 187 491.02	\$ 5 928.42

Recreation—Continued.



## Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
<b>Amount brought forward</b> .....	\$ 792 784.17	\$ 21 611.56		\$ 139 395.01	
<b>Dock Commission.</b>					
Adger's Wharf:					
Salary of Wharfinger .....					
Salary of Assistant Wharfinger .....					
Labor .....	1 140.00		1 140.00		
Printing and Stationery .....	2.00		2.00		
Incidentals, Oil, Repairs, Chair, etc. ....	5.55		5.55		
Rent of Wharf .....	10.95		10.95		
	1 556.25		1 556.25		
<b>West End Tradd Street:</b>					
Salary of Wharfinger .....					
Salary of Assistant Wharfinger .....					
Printing and Stationery .....	900.00		900.00		
Insurance .....	25.44		25.44		
Fuel .....	70.50		70.50		
Incidentals, Putting up Stove, Typewriting, Cooler, Pitcher, etc. ....	3.75		3.75		
	21.05		21.05		
<b>West End Improvement.</b>					
State Taxes .....	408.39		408.39		
Typewriting .....	1.25		1.25		
	\$ 797 201.47	\$ 21 611.56		\$ 139 395.01	\$ 7 283.83

Municipal Enterprises—Continued.

# Financial Department

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Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Amount Brought Forward	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
<b>Amount Brought Forward</b>	\$ 797 201.47	\$ 21 611.56			\$ 139 395.01	\$ 7 283.33
Registering Deed	10.25			10.25		
Plats	19.70			19.70		
Advertising Lots for Sale	511.15			511.15		
Interest on Option	3 900.00			3 900.00		4 850.74
<b>Sundries Expenditures Not Classified.</b>						\$ 12 134.07
Water Committee, Special Professional Services and Expenses	922.02			922.02		
Damage Suits	1 335.00			1 335.00		
Expenses on Business Trip, Columbia, Washington and Indianapolis	223.25			223.25		
Rent Bank Box	15.00			15.00		
State Tax, Property Given's Ferry	58.20			58.20		
Registering Deed	4.25			4.25		
Telegrams and Long Distance	58.26			58.26		
Typewriting	93.36			93.36		
Special Expenditures	300.00			300.00		
City Bills	2.85			2.85		
<b>Interest Public Debt.</b>						3 012.19
Interest on \$3,500,000 4% Bonds	134 000.00			134 000.00		
Interest on \$100,000 4 1/2% Bonds	4 500.00			4 500.00		
Interest on \$313,500 5% Bonds	15 675.00			15 675.00		
Interest on \$25,000 5% Stocks	1 150.00			1 150.00		155 325.00
<b>Trust Funds.</b>						
Commissioners Sinking Fund:						
State Taxes	3.60			3.60		
Bond Redeemed	100.00			100.00		103.60
<b>Commissioners Sewerage Sinking Fund:</b>						
Interest on Bonds Outstanding	13 760.00			13 760.00		19 205.00
\$5,500 Bonds Redeemed	5 445.00			5 445.00		
<b>Amount carried forward</b>	\$ 979 288.36	\$ 21 611.56			\$ 139 395.01	

Current Expenditures for the Fiscal Year Ending December 31, 1916, Classified by Character and Source—Continued.

	Payments	Transfers between Departments	Payments not including outlays	Outlays	Total cost of Departments including outlays
Amount brought forward .....	\$ 279 288.36	\$ 21 611.56		\$ 139 395.01	
Police Relief and Pension Fund:					
Pensions .....	2 294.42		2 294.42		2 294.42
Board of Trustees Fireman's Insurance and Inspection Fund:					
Funeral Expenses of Firemen .....	300.00		300.00		
Fireman's State Association .....	109.03		109.03		409.03
City College Fund:					
Treasurer, on Acct. Expenses .....	10 136.00		10 136.00		10 136.00
Trustees Orphan House Fund and Estate:					
Paid over to City for Current Expenses Orphan House .....	12 843.48		12 843.48		12 843.48
Unexpended Appropriation, 1915:					
Bills Paid .....	82 473.43		82 473.43		82 473.43
Markets, Fire Loss .....	275.50		275.50		275.50
Orphan House Fire Loss .....	260.61		260.61		260.61
	\$1 087 980.83	\$ 21 611.56		\$ 139 395.01	\$1 087 980.83

Trust Funds—Continued

Summary of Expenditures, With Source of Revenue and Proportion of Tax Rate.

	Total cost of Departments including outlays.	Total cost of Departments as grouped.	Pro rata Share of Receipts from all Sources except Current Year's Tax 1916.	Pro rata Share Received from Current Year's Tax 1916.	Cost of each Group per \$1,000 of assessed values when total rate is Rate \$33.00.
<b>Administration.</b>					
Council and Board of Aldermen .....	\$ 2 568.30				
Clerk of Council .....	2 241.85				
Mayor's Office .....	4 910.69				
City Treasurer's Department .....	7 994.33				
City Assessor's Department .....	6 989.15				
City Sheriff's Department .....	3 065.87				
Law Office .....	3 029.50				
City Engineer's Department .....	7 292.95				
Municipal Court .....	1 500.00				
City Hall, Clock and Chimes .....	3 587.80				
Lighting St. Matthew's Clock .....	180.00				
Mayor's Annual Report .....	1 527.50				
Water Election .....	969.50				
Miscellaneous, Attending Meeting American League and Subscription to Journals .....	312.30				
Entertaining .....	404.45	\$ 46 574.19	\$ 16 990.60	\$ 29 583.59	1.382
<b>Protection Life and Property.</b>					
Examination Board Moving Pictures .....	4.50				
Fire Department .....	85 145.00				
Water .....	45 160.00				
Inspection Electric Wires .....	3 693.60				
Meter Inspector .....	1 424.61				
Plumbing Inspector .....	1 297.78				
Fire and Police Alarm .....	811.11				
Police Department .....	138 404.03				
Dog Pound .....	585.50				
Freight Adjustment and Steering Committee .....	3 004.56				
Water Committee, Special (Testing Water) .....	2 064.15				
		281 594.84	102 727.80	178 867.04	8.346
<b>Amount carried forward</b> .....		\$ 328 169.03	\$ 119 718.40	\$ 208 450.63	9.728



Summary of Expenditures, With Source of Revenue and Proportion of Tax Rate.

	Total cost of Departments including outlays.	Total cost of Departments as grouped.	Pro rata Share of Receipts from all Sources except Current Year's Tax 1916.	Pro rata Share Received from Current Year's Tax 1916.	Cost of each Group per \$1,000 of assessed values when total rate is \$33.00.
<b>Amount brought forward</b>		\$ 328 169.03	\$ 119 718.40	\$ 208 450.63	9.728
<b>Health.</b>					
Board of Health	\$ 15 566.67				
South Carolina Sanitarium	61.00	15 627.67	5 701.09	9 926.58	.465
<b>Sanitation and Promotion to Cleanliness.</b>					
Board of Health	\$ 4 840.00				
Street Department, Cleaning	35 060.46				
Street Department, Scavenging	31 015.83				
Street Department, Repairs to Drains	4 055.85				
Street Department, New Drains	22 977.42				
Sewer Department	10 198.77				.962
Sewerage, Special Tax	20 782.68			90 782.68	
Tidal Drains	97.40	129 028.41	47 070.46	61 175.27	2.856
<b>Highways.</b>					
Street Department, Repairs	\$ 19 465.25				
Street Department, Improvements	96 970.49			80 235.83	3.745
Street Department, Purchasing Lot	4 738.95				
Lighting City	39 191.49	160 366.18	58 602.71	21 627.64	1.011
<b>Charities and Corrections.</b>					
Charleston Home	\$ 10 723.36				
Transportation	178.21				
Commissioners Public Lands	4 946.83				
Royer Hospital	40 000.00				
Florence Crittenton Home	500.00				
Day Nursery	300.00				
St. Margaret's Home	500.00				
Charleston Orphan House	25 254.32				
<b>Amount carried forward</b>		\$ 633 191.29	\$ 230 992.66	\$ 402 198.63	18.767

Summary of Expenditures, With Source of Revenue and Proportion of Tax Rate.

	Total cost of Departments including outlays.	Total cost of Departments as grouped.	Pro rata Share of Receipts from all Sources except Tax 1916.	Pro rata Share Received from Current Year's Tax 1916.	Cost of each group per \$1,000 of assessed values when total rate is Rate \$33.00.
<b>Amount brought forward</b>		\$ 633 191.29	\$ 230 992.66	\$ 402 198.63	18.767
City Orphan House	5 875.55				
Industrial School for Colored Orphans	2 500.00				
Police Relief and Pension Fund	828.88				
Pensions	6 869.53				
Commissioners Management and Care of Convicts	4 188.72	102 765.40	37 489.55	65 276.85	3.047
<b>Education.</b>					
Charleston Library Association	\$ 100.00				
College of Charleston	10 136.00				
Charleston Museum	4 370.28				
Commissioners Public Schools	1 000.00				
Charleston High School	11 175.00				
Citadel	1 660.00				
Alice Carey Kindergarten	75.00				
Charleston Free Kindergarten Association	75.00	29 591.28	10 796.11	18 796.17	.878
South Carolina Kindergarten Association	1 000.00				
<b>Recreation.</b>					
Artesian Well and Lot					
Commissioners Marion Square	\$ 210.73				
Home School Association	467.46				
Water, Post Office Park	105.00				
Municipal Play Ground	228.12				
Parks	4 917.12				
	18 032.11	23 960.53	8 740.97	15 219.56	.711
<b>Municipal Enterprises.</b>					
Markets	\$ 8 547.84				
Dock Commission	3 735.49				
West End Improvements	4 860.74				
		12 134.07	4 429.60	7 707.47	.361
<b>Miscellaneous.</b>					
Amounts not Classified		3 012.19	1 098.88	1 913.31	.091
<b>Interest Account</b>		155 325.00	56 663.66	98 661.84	4.603
<b>Amount Carried Forward</b>		\$ 959 879.76	\$ 350 297.43	\$ 609 772.33	28.458

Summary of Expenditures, With Sources of Revenue and Proportion of Tax Rate.

	Total cost of Departments including outlays.	Total cost of Departments as grouped.	Pro rata Share of Receipts from all Sources except Tax 1916.	Pro rata Share Received from Current Year's Tax 1916.	Cost of each Group per \$1,000 of assessed values when total rates in Rate \$33.00.
<b>Amount Brought Forward</b>		\$ 959 979.76		\$ 609 772.33	23.458
<b>Trust Funds.</b>					
Commissioners Sinking Fund		103.60			
Commissioners Sewerage Sinking Fund		19 205.00			
City College Fund		10 136.00			
Police Relief and Pension Fund		2 294.42			
Board Trustees Fireman's Insurance and Inspection Fund		409.03			
Trustees Orphan Fund		12 843.48			
Unexpended Appropriation, 1915		82 473.43			
Markets Fire Loss		275.50			
Orphan House Fire Loss		260.61			
		\$1 087 980.83			
<b>Cash Balances.</b>					
City Surplus Cash		28 166.54		28 166.54	1.315
City Street Improvements		25 064.66		25 064.66	1.152
Commissioners Sinking Fund		5 343.64			
Commissioners Sewerage Sinking Fund		16 160.07			
Police Relief and Pension Fund		33 906.76			
Board Trustees Fireman's Insurance and Inspection Fund		20 012.19			
Trustees Orphan House		50 517.24			
Summerville and Charleston Railroad		5 000.00			
Sewer Connections		19 661.48			
Green Grocers in Liquidation		343.20			
Unexpended Appropriation, 1897		229.77			
Unexpended Appropriation, 1898		495.00			
Unexpended Appropriation, 1914		16.00			
Unexpended Appropriation, 1915		134.90			
Unexpended Appropriation, 1916		90 649.15			
Refund Taxes, 1916				5 078.54	.338
Nulla Bonas Taxes, 1916				4 298.38	.202
Balance Unpaid Taxes under Execution				35 013.62	1.635
		\$ 1 283 671.43		\$ 707 394.07	33.000

<p>Percentage of Taxes, 1916, Collected in Current Year Including Nulla Bonas ..... .9806 Uncollected ..... .0496 1-.0000</p> <p>Assessments, 1916: Real Estate ..... \$15,840,695 Personal ..... 5,595,489 \$21,436,184 @ 38 Mills</p>	\$ 707 894.07				
<p>Note: Changed from General Statement:</p> <p>\$ 180.00 St. Matthews's Church Clock, Miscellaneous to Administration, City Hall, Clock and Chimes.</p> <p>2 064.15 Water Committee, Special (Testing Water), Miscellaneous to Protection Life and Property.</p> <p>1 527.60 Mayor's Annual Report, Miscellaneous to Administration.</p> <p>4 055.85 Highway Repairs, Drains, Highways to Sanitation and Promotion to Cleanliness.</p> <p>22 977.42 Highway Improvement, Highways to Sanitation and Promotion to Cleanliness.</p> <p>228.12 Water, Post Office Park, Protection Life and Property, Water to Recreation.</p> <p>8 004.56 Freight Bureau Adjusting Committee, Miscellaneous to Protection Life and Property.</p> <p>25.00 Subscription to Journals, Miscellaneous to Miscellaneous Administration.</p>					
Respectfully submitted, J. O. LEA, City Treasurer.					

## Public Debt December 31, 1916.

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Issue 4% Bonds due.....1937.....	\$1,850,000.00	
Issue 4% Bonds due .....1938.....	1,500,000.00	
		\$3,350,000.00
Issue Sewer 4% Bonds due.....1929.....		\$46,500.00
Issue 4½% Bonds due April.....1928.....	\$ 90,000.00	
Issue 4½% Bonds due Oct.....1928.....	10,000.00	
		100,000.00
Issue 5% Bonds due .....1922.....	50,000.00	
Issue 5% Bonds due .....1923.....	56,000.00	
Issue 5% Bonds due .....1924.....	62,500.00	
Issue 5% Bonds due .....1925.....	90,000.00	
Issue 5% Bonds due .....1926.....	55,000.00	
		\$18,500.00
Issue 5% Stock, College Charleston.....		28,000.00
		\$4,188,000.00

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Note—Interest on \$346,500.00 Sewerage Bonds paid from 1 Mill Levy.

Balance paid from General Levy of 28 Mills on Assessments.

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Respectfully submitted,

J. O. LEA,

City Treasurer.

THE FOLLOWING AMOUNTS WERE REFUNDED UNDER THE ORDINANCE  
RATIFIED MARCH 24, 1896, TO EXEMPT MANUFACTURERS.

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Condon Baking Co. ....	Tax 1916	\$ 199.65.....	Third Year
Chero-Cola Bottling Co. ....	Tax 1916	194.70.....	First Year
Fairy Bros. ....	Tax 1916	10.56.....	First Year
Woodstock Mnfg. Co. ....	Tax 1916	33.00.....	First Year
Royal Mills ....	Tax 1916	2,578.18.....	Third Year
Valk-Murdoch Co. ....	Tax 1916	1,666.50.....	Third Year
Charleston Abattoir ....	Tax 1916	396.00.....	Fourth Year
		<hr/>	
		\$5,078.54	

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\$38.50 Taxes, 1915, refunded by resolution of City Council to S. Solteri,  
for reduced assessment.

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Respectfully submitted,  
J. O. LEA,  
City Treasurer.

**CASH TRANSACTIONS COMMISSIONERS SINKING FUND, JANUARY 1,  
1916, TO DECEMBER 31, 1916.**

**RECEIPTS**

To Balance from last Annual Statement .....	\$ 4 492.23
" Interest Account:	
Interest on \$1,000 City 4% Bonds .....	\$ 40.00
Interest on \$17,000 City Sewerage Bonds .....	680.00
Interest on Deposits .....	235.01
.....	955.01
	\$5 447.24

**EXPENDITURES**

By Bond Account:	
City 4% Bonds due January, 1909 .....	\$ 100.00
" State Taxes:	
Norman Street and Roberts' Court .....	3.60
Balance .....	5 343.64
	\$5 447.24

**ASSETS**

Cash .....	\$5 347.24
4% City of Charleston Bonds .....	1 000.00
4% City of Charleston Sewerage Bonds .....	17 000.00
Real Estate, Norman Street and Roberts' Court.....	100.00

Respectfully submitted,

J. O. LEA,

City Treasurer.

Examined and found correct,

LAWRENCE M. PINCKNEY,

Chairman Committee Ways and Means.

Bonds outstanding January 1, 1916:	
6% Bonds, due October, 1883 .....	\$ 1 000.00
Fire Loan Bonds (\$2,000 @ 25 cts.).....	500.00
6% old City Stock .....	649.75
4% Bonds, due 1909 .....	3 000.00
	\$ 5 149.75
Bonds outstanding, January 1, 1917:	
6% Bonds, due October, 1883 .....	\$ 1 000.00
Fire Loan Bonds (\$2,000 @ 25 cts.).....	500.00
6% old City Stock .....	649.75
4% Bonds, due 1909 .....	2 900.00
	5 049.75

TRANSACTIONS OF SEWERAGE SINKING FUND FOR YEAR ENDING  
DECEMBER 31, 1916.

## RECEIPTS

To Balance brought forward .....	\$14 165.66
Special Levy:	
From 1 Mill tax .....	20 058.93
Special Levy, Back Years:	
From 1 Mill tax .....	723.75
Interest Account:	
From interest on deposits .....	416.73
	<u>\$35 365.07</u>

## EXPENDITURES

By Coupon Account:	
For Coupons on Bonds .....	\$13 760.00
" Bond Account:	
For purchase and retirement of Bonds as follows:	
\$5,500.00 @ 99 cts. ....	5 445.00 19 205.00
Balance forward .....	<u>\$16 160.07</u>

## MEMORANDUM

Bonds issued 1910 (original) .....	\$300 000.00
Bonds issued 1911 (additional) .....	75 000.00
Total issue .....	<u>\$375 000.00</u>
Bonds retired in 1910 .....	\$ 6 000.00
Bonds retired in 1911 .....	7 000.00
Bonds retired in 1914 .....	10 000.00
Bonds retired in 1916 .....	5 500.00
	<u>28 500.00</u>
Balance Bonds outstanding .....	<u>\$346 500.00</u>

Interest payable April and October @ 4% per annum.

Respectfully submitted,

J. O. LEA,  
City Treasurer.

Examined and found correct,

HENRY P. WILLIAMS,  
Chairman.



**RECEIPTS AND EXPENDITURES OF THE SEWER CONNECTION ACCOUNT  
FOR THE YEAR ENDING DECEMBER 31, 1916.**

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**RECEIPTS**

Cash Brought Forward from 1915.....	\$16 406.48
Yard Connection for 1915 .....	8 255.00
	<hr/>
	\$19 661.48
Cash on Hand .....	\$19 661.48

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Respectfully submitted,

J. O. LEA,

City Treasurer.

CASH TRANSACTIONS OF THE CITY COLLEGE FUND, FROM JANUARY  
1, 1916, TO DECEMBER 31, 1916.

RECEIPTS

To Appropriation Account:	
For support on account of College .....	\$ 4 716.00
For Dormitory indebtedness .....	500.00
For Advertising .....	750.00
	<u>\$ 5 966.00</u>
Interest Account:	
To 12 mos. Interest on \$75,500.00 4% Bonds .....	3 020.00
" 12 mos. Interest on \$23,000.00 5% City Stock.....	1 150.00
	<u>\$ 10 136.00</u>

EXPENDITURES

By J. C. Ball, Treasurer .....	<u>\$ 10 136.00</u>
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ASSETS

4% City of Charleston Bonds .....	\$ 75 500.00
5% City of Charleston Stock .....	23 000.00

Respectfully submitted,

J. O. LEA,

City Treasurer.

Examined and found correct,

JNO. F. FICKEN,

President Board Trustees, College of Charleston.

**RECEIPTS AND DISBURSEMENTS, BOARD TRUSTEES OF THE FIREMAN'S  
INSURANCE AND INSPECTION FUND, JAN. 1, 1916, TO DEC. 31, 1916.**

**RECEIPTS**

To Balance from last Annual Statement:		
Pension Fund .....	\$16 286.34	
Disabled and Superannuated Fund .....	500.00	
		<u>\$16 786.34</u>
Pension Fund:		
State South Carolina premiums Fire Insurance Companies .....	2 180.66	
1% Voluntary Assessments per pay roll .....	480.66	
Disabled and Superannuated Fund:		
Fines per pay roll .....	62.50	
Interest on Deposits .....	911.06	
		<u>\$20 421.22</u>

**EXPENDITURES**

By Pension Fund:		
5% on \$2,180.66 to Firemen's State Association, by Act of Legislature .....	\$ 109.03	
Disabled and Superannuated Fund:		
Funeral Expenses:		
M. L. Prince .....	\$ 100.00	
J. L. Shecut .....	100.00	
G. Moore .....	100.00	
		<u>300.00</u>
Balance .....	20 012.19	
		<u>\$20 421.22</u>
Funds have to Credit December 31, 1916:		
Pension Fund .....	\$19 512.19	
Disabled and Superannuated Fund .....	500.00	
		<u>\$20 012.19</u>

Respectfully submitted,  
J. O. LEA,  
City Treasurer.

Examined and found correct,  
L. BEHRENS,  
HENRY P. WILLIAMS,  
Committee.

RECEIPTS AND DISBURSEMENTS POLICE RELIEF AND PENSION FUND,  
JANUARY 1, 1916, TO DECEMBER 31, 1916.

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RECEIPTS

To Balance from last Annual Statement:		
Permanent Fund .....	\$31 223.09	
Aged and Decrepit Fund .....	500.00	
		\$31 723.09
Permanent Fund:		
5% on \$16,577.50 collected from Recorder's Court,		
year ending November 30, 1916 .....		828.88
Fines and Forfeitures, per pay roll .....		1 370.38
Aged and Decrepit Fund:		
Fines and Forfeitures, per pay roll .....		685.18
Interest Account:		
Interest on Deposits .....		1 593.65
		<u>\$36 201.18</u>

EXPENDITURES

By Aged and Decrepit Fund:		
Pension, E. Duffy .....	\$ 219.00	
Pension, Louis Thomas .....	350.00	
Pension, C. H. Westendorff .....	438.50	
Pension, M. J. Powers .....	577.95	
Pension, H. Martens .....	506.00	
Pension, W. H. Charlton .....	407.97	
		2 294.42
Balance .....		<u>33 906.76</u>
		<u>\$36 201.18</u>

As required by Ordinance, ratified December 9, 1902, the amount of \$15.59 has been carried to the Aged and Decrepit Fund from the Permanent Fund, being amount overpaid in former Account in 1916. The funds have to their credit, December 31, 1916:

Pension Fund .....	\$33 406.76
Aged and Decrepit Fund .....	500.00
	<u>\$33 906.76</u>

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Respectfully submitted,

J. O. LEA,  
City Treasurer.

Examined and found correct,

JULIUS H. JAHNZ,  
Commissioner Police Relief and Pension Fund.

**CASH TRANSACTIONS OF THE TRUSTEES OF THE ORPHAN HOUSE  
FUNDS AND ESTATE.  
JANUARY 1, 1916, TO DECEMBER 31, 1916.**

**RECEIPTS**

To Balance from last Annual Statement:		
Trustees .....	\$ 36.63	
W. J. Bennett Memorial Fund .....	8 865.85	
		\$ 8 902.48
Trustees Interest Account:		
12 mos. Interest on \$201,500 City 4% Bonds.....	8 060.00	
Int. on \$38,176.20 4½% State Stock, redeemed....	1 176.19	
Interest on Deposits .....	1 607.29	
		10 843.48
By Trustees' Interest Account:		
W. J. Bennett Memorial Fund:		
12 mos. Interest on \$98,000 4% City Bonds .....	\$ 3 920.00	
12 mos. Int. on \$11,000 5% City Columbia Bonds .....	550.00	
12 mos. Int. on \$10,000 City 4% Sewerage Bonds .....	400.00	
Interest on Deposits .....	568.56	
		5 438.56
Trustees' Stock Account:		
\$38,176.20 4½% State Stock, redeemed .....		38 176.20
		<u>\$ 63 860.72</u>

**EXPENDITURES**

By Trustees' Interest Account:		
Current Expenses of Charleston Orphan House.....		\$ 10 843.48
W. J. Bennett Memorial Fund:		
Current Expenses of Charleston Orphan House.....		2 000.00
Balance: Trustees .....	\$38 212.83	
Balance: W. J. Bennett Memorial Fund.....	12 304.41	
		50 517.24
		<u>\$ 63 860.72</u>

**ASSETS**

Trustees' Cash .....	\$38 212.83	
4% City of Charleston Bonds .....	201 500.00	
		\$ 239 712.83
By Trustees Interest Account:		
W. J. Bennett Memorial Fund:		
4% City of Charleston Bonds .....	98 000.00	
4% City of Charleston Sewerage Bonds .....	10 000.00	
5% City of Columbia Bonds .....	11 000.00	
Cash .....	12 304.41	
		<u>181 304.41</u>

Respectfully submitted,

J. O. LEA,  
City Treasurer and Trustee.

Examined and found correct,

GEORGE W. WILLIAMS,  
Chairman Commissioners Charleston Orphan House and Trustee  
Orphan House Funds and Estate.

## W. J. BENNETT MEMORIAL FUND.

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1916 Cash in Bank .....	\$ 12 804.41
1913 Bonds purchased .....	2 500.00
1912 Bonds purchased .....	1 500.00
1911 Bonds purchased .....	5 400.00
1909 Bond purchased .....	1 000.00
1908 Bonds purchased .....	2 300.00
1907 Bonds purchased .....	2 200.00
1906 Bonds purchased .....	2 100.00
1905 Bonds purchased .....	2 000.00
	<hr/>
Original Donation .....	\$ 31 804.41
	100 000.00
	<hr/>
	\$ 181 804.41

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Cash in bank drawing 4 15/16 on daily balances.

**ANNUAL STATEMENT ABUTMENT TAX ACCOUNT FOR YEAR ENDING  
DECEMBER 31, 1916.**

**RECEIPTS**

Balance brought forward .....		\$ 3 863.87
From Unassigned Streets:		
Treasury Department .....	\$21 569.31	
Sheriff's Department .....	5 383.96	
		<u>26 953.27</u>
From Assigned Streets:		
Treasury Department .....	\$ 2 161.38	
Sheriff's Department .....	2 298.84	
		<u>4 460.17</u>
From Interest .....		1 530.60
From Penalty and Cost .....		436.82
		<u>\$37 244.73</u>

**EXPENDITURES**

For Paving Certificates redeemed .....	\$ 5 500.00		
" Interest on Paving Certificates .....	365.84		
" Street Department—Amounts paid over			
From Unassigned Streets .....	\$26 953.27		
From Assigned Streets .....	2 030.79		
From Interest .....	1 833.80		
From Penalty and Costs.....	561.03	31 378.89	37 244.73

Respectfully submitted,

J. O. LEA,  
City Treasurer.

**MEMORANDUM—Balances January 1, 1917.**

	Dr.	Cr.
Sundry Streets .....	\$22 017.26	
Abutment Account .....		\$23 848.78
City Sheriff .....	1 506.65	
City Sheriff, Assigned Streets .....	324.82	
	<u>\$23 848.78</u>	<u>\$23 848.78</u>

# City Assessor's Report



# REPORT OF CITY ASSESSOR

## ASSESSOR'S OFFICE,

Charleston, S. C., December 31st, 1916.

*To the Honorable the Mayor  
and City Council of Charleston, S. C.*

GENTLEMEN: I have the honor to submit my Annual Report of this Department for the fiscal year ending December 31st, 1916.

The assessed value of real estate and personal property returned for taxation is as follows:

Real Estate .....	\$15,840,695.00
Personal Property .....	5,595,489.00

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Total real estate and personal property.....	\$21,436,184.00
At 33 mills .....	\$ 707,394.07

As compared with assessments for the year 1915, the following differences are shown:

Real estate—increase .....	\$ 170,420.00
Personal property—increase .....	478,669.00

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Total real estate and personal property— increase for 1916 as compared with 1915 is .....	649,089.00
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The amount of regular applications is- sued for licenses is .....	\$ 109,327.67
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As compared with regular licenses issued for the year 1915, the increase is .....	\$ 7,509.62
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The amount of licenses assessed is .....	2,142.50
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The amount of penalty assessed is .....	428.50
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The number of permits issued during the year 1916 for the erection of new buildings and old buildings improved are:

158 new buildings—reported cost .....\$320,480.00

333 old buildings, improved, reported cost... 200,190.00

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Total, 491 permits, reported cost .....\$520,670.00

A detailed statement showing the number of permits issued in the different wards is attached to this report, to which I refer.

The number of pieces of real estate that changed hands during the year was 873, as against 545 for the previous year. The number of pieces of real estate which changed hands at \$5.00 and other considerations has increased to such an extent that it would be useless to attempt to take the few pieces where the true consideration is stated for the purpose of making a comparison between the sales and the assessed values. A statement of the true consideration in a deed conveying real estate is a great aid in arriving at a proper assessment of the property for purposes of taxation; and I would, therefore, recommend that an act be passed requiring the true consideration to be stated in all deeds transferring real estate.

## **TAXES.**

### **REAL ESTATE.**

Under the state law, the next re-assessment of real estate for the County and City of Charleston will be made in January, 1918. The present method of assessing real estate continues far from satisfactory, and in almost every ward the records will show that the smaller pieces of real estate bear the greater proportion of the taxes.

I am opposed to an increase in the assessments on real estate in the City of Charleston, for, as it now stands, Charleston bears a greater proportion of the state taxes than she should; but I am strongly in favor of, and would urge, the equalization of the values placed on real estate, so that every piece of property, be it large or small, should bear its just proportion of the taxes levied.

Over a century ago, one of America's great statesmen said, in substance, that no part of the administration of government requires for its proper management such extensive information and such thorough knowledge of the principles of political economy as the "business of taxation." Almost every state and city in the union recognizes the truth of this principle, and efforts are being constantly made to arrive at a fair basis of equalization.

In this connection I would direct attention to the very admirable report of the South Carolina Tax Commission, in which, after certain suggestions as to a change in the time for making assessments, the following recommendation is made: "If nothing of this kind is done at the session of 1917, then the General Assembly at this session should fix a common per cent. of all property in the State to be taken for purposes of taxation, and provide means whereby it can be applied at once to all classes of property, both real and personal, in a reassessment of all property, real and personal, throughout the State." I personally endorse the recommendations of the South Carolina Tax Commission on this subject. There should be a re-assessment of all the property, real and personal, of the state during the year 1917, and a definite percentage of the real value of all such property be taken for the purposes of taxation. The assessment of property for taxation in the City of Charleston is admittedly higher than the assessments prevailing generally throughout

the State; the result being that the City of Charleston is paying an undue and excessive proportion of State taxes, which, under a fair and equitable re-assessment of all of the property of the State made at one time, would be rectified. The result of such a re-assessment, if it were made, would be that, while paying its due and proper share of State taxes, the City of Charleston would obtain substantial relief from the very serious burden of taxation under which she now labors.

I would further recommend a change in the existing statutes, so as to provide for the creation of a special Board of Assessors for the City of Charleston of five, to be appointed by the Mayor for a term of four years, who shall have all the powers and discharge the duties now devolved by law upon the boards of township assessors for the City of Charleston.

#### PERSONAL PROPERTY.

The returns show a decided increase over the previous year. As a general rule, this class of property is not returned for taxation, but must be sought after, and the increase of \$478,669 over the previous year is very gratifying. One item alone was an addition of \$68,640, on automobiles, whose owners, through an oversight, failed to make returns for them. I would suggest the importance of having the special Board of Equalization scrutinize these returns at least once a year, so that all who enjoy the benefits and privileges offered by the city may contribute their just proportion to the support of its government.

#### LICENSES.

The amount realized from the regular applications for business licenses shows an increase as compared with the previous year. This increase is largely due to two or three of the larger life insurance companies

paying their just license fees, after considerable litigation extending for over a year. The following life insurance companies submitted sworn statements as to their investments in city bonds and mortgages, which, under an ordinance of the city, entitled them to an exemption on their city license of one per cent. on all their investments in bonds of the city or bonds secured by mortgage of real estate situated in the City of Charleston, namely:

COMPANY.	AMOUNT INVESTED.	EXEMPTION.
Metropolitan Life .....	\$247,500.00	\$2,475.00
New England Mutual .....	125,000.00	1,250.00
Penn Mutual Life .....	106,000.00	1,060.00
Southern States Life .....	67,000.00	670.00
Life Insurance of Va. ....	48,750.00	487.50
The Home Friendly .....	23,450.00	234.50
Total amount invested .....	\$617,700.00	\$6,177.00

### PROPERTY EXEMPT FROM TAXATION.

There is a considerable amount of property that is exempt from taxation. Upon examination of the records, I have carefully compiled the information, classifying it under ten heads, to-wit:

- 1st. Churches.
- 2nd. Parsonages.
- 3rd. Burial Grounds.
- 4th. Schools.
- 5th. Hospitals.
- 6th. Orphan Houses.
- 7th. Property belonging to the United States.
- 8th. Property belonging to the State of South Carolina.
- 9th. Property belonging to the City of Charleston.
- 10th. Miscellaneous.

The financial credit of a city is based upon the aggregate of its taxable property, and as Charleston ranks among the cities of the country and its relative standing as a business city is likewise based on the record of its assessed valuation, I would suggest that a committee from the Real Estate Exchange be appointed to appraise the value of each piece, which would, in my opinion, be of great value.

Before closing this report, I desire to express my appreciation of the service of the gentlemen in the office, namely, Mr. Edward H. Waring, Mr. John P. Sullivan and Mr. J. Fred Habenicht, whom I commend to the kindly regard of your honorable body.

Accompanying the report, I beg to hand the following annexed statements, to which I invite your attention.

All of which is respectfully submitted.

DANIEL L. SINKLER,  
*City Assessor.*

## A

*Statement of the Description and Value of Personal Property Returned for Taxation for the Year 1916.*


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785 Horses and Mules .....	\$ 55,165.00
40 Cows .....	1,025.00
111 Dogs .....	810.00
439 Gold and Silver Watches and Plate .....	45,050.00
223 Piano-fortes, Melodeons and Cabinet Organs .....	20,160.00
803 Automobiles, Carriages, Buggies, etc. ....	254,530.00
555 Wagons, Drays, Carts, etc. ....	30,850.00
Merchandise, Money and Credits pertaining to business of Merchants .....	1,441,875.00
Materials, Machinery, Engines, Tools and Fixtures of Manufacturers .....	139,405.00
Money, including Bank Bills, Circulating Notes and all Credits .....	44,766.00
Receipts of Express, Telegraph and Telephone Companies. ....	218,738.00
Return of Banks .....	938,895.00
Stock and Bonds of all other Companies, Corporations and Persons .....	1,870,563.00
Vessels, Boats and other Floating Property .....	17,215.00
All other Property, including Household Furniture .....	516,442.00
	<hr/>
	\$5,595,489.00

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DANIEL L. SINKLER,  
City Assessor.

Charleston, S. C., December 31, 1916.

## B

*Statement of the Returns of Real and Personal Property Assessed for City Taxes for the Years 1915 and 1916.*


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1915.	
Real Estate .....	\$15,670,275
Personal Property .....	5,116,830
Total Real and Personal Property .....	<u>\$20,787,105</u>
At 34½ mills .....	\$717,155.12
1916.	
Real Estate .....	\$15,840,695
Personal Property .....	5,595,489
Total Real and Personal Property .....	<u>\$21,436,184</u>
At 33 mills .....	<u>\$707,394.07</u>
As compared with assessments for 1915:	
Gain on Real Estate is .....	\$170,420
Gain on Personal Property is .....	<u>478,669</u>
Total increase for 1916 as compared with 1915....	\$ 649,089

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DANIEL L. SINKLER,  
City Assessor.

Charleston, S. C., December 31, 1916.



## Applications for Licenses Issued By City Assessor for the Year 1916.

## C

BUSINESS.	Number Taken Out	@	Amount	Total
CLASS 1.				
Agencies or Companies, Each.				
Express Companies, or Agencies, each .....	1	\$ 500.00	\$ 500.00	
Electric Light Companies, each .....	1	500.00	500.00	
Gas Companies, each .....	1	500.00	500.00	
Railroad Companies, each .....	3	1,500.00	4,500.00	
Street Railway Companies, each ....	1	750.00	750.00	
Telephone Companies or Agencies each .....	1	700.00	700.00	
Telegraph Companies, or Agencies, each, for business done exclusively within the City of Charleston, but not including any business done to or from points without the state and not including any business done for the Government of the United States, its officers or agents, those whose gross receipts therefrom are less than \$2,500 .....	1	500.00	500.00	
Those whose gross receipts therefrom are over \$2,500 and less than \$7,500, each .....	1	700.00	700.00	
Terminal Warehouse Companies, or Agencies, each .....	1	1,000.00	1,000.00	
Water-works Companies, each .....	1	500.00	500.00	
All persons or corporations engaged in the business of selling wholesale from vehicles, or otherwise, fuel, lubricating oils and gasoline throughout the city—selling and distributing wholesale to mean, selling and distributing six gallons or more to one person, or firm, or corporation, directly or indirectly. Those doing a business of \$10,000 and under, each .....	1	150.00	150.00	
Those doing a business of over \$10,000 and under \$30,000, each....	2	300.00	600.00	10,900.0
CLASS 2.				
Agencies or Companies, Each.				

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
Bagging Manufacturing Companies, each .....	1	400.00	400.00	
Bag (other than paper) Factories, each .....	1	200.00	200.00	
Cotton Seed Oil Manufacturing Company, each .....	1	200.00	200.00	
Oil Refineries, each .....	1	200.00	200.00	
Mercantile Agencies — Dun's, Bradstreet's and others, each.....	2	150.00	300.00	
Steam Cotton Press Companies, each .....	2	300.00	600.00	
Steamships (other than regular line) or sailing vessels or combined companies or agencies, each .....	3	100.00	300.00	
Agencies of Steam Bakeries or Cracker Factories, each .....	1	150.00	150.00	\$ 2,350.00
CLASS 3.				
Fire Insurance Companies doing a gross business of \$500 or less in premiums reported through agents resident in the City of Charleston, S. C., each .....	7	50.00	350.00	
Those whose gross premiums are in excess of \$500.00—for each one hundred dollars or fractional part thereof \$5.00—1 @ \$55, 1 @ \$65, 2 @ \$70, 3 @ \$75, 1 @ \$80, 2 @ \$85, 1 @ \$90, 6 @ \$95, 1 @ \$100, 3 @ \$105, 1 @ \$110, 2 @ \$115, 3 @ \$120, 5 @ \$125, 5 @ \$130, 3 @ \$135, 1 @ \$140, 1 @ \$145, 2 @ \$150, 2 @ \$155, 6 @ \$160, 1 @ \$175, 1 @ \$180, 2 @ \$185, 1 @ \$190, 1 @ \$195, 1 @ \$210, 2 @ \$215, 1 @ \$220, 2 @ \$225, 1 @ \$230, 1 @ \$250, 1 @ \$255, 1 @ \$275, 1 @ \$290, 1 @ \$295, 1 @ \$300, 2 @ \$310, 1 @ \$335, 1 @ \$355, 1 @ \$380, 1 @ \$385, 2 @ \$420, 1 @ \$450, 1 @ \$565, 1 @ \$575, 1 @ \$660, 1 @ \$935, 1 @ \$1,660..	85		18,120.00	
Life insurance companies doing business in this city a license fee in an amount equalling two per cent of the amount of the gross premiums collected from policy holders in the City of Charles-				

## Licenses Issued in 1916—Continued.

BUSINESS.	Taken Out Number	@	Amount	Total
ton through any form or agency— 1 @ \$8.58, 1 @ \$19.80, 1 @ \$37.71, 3 @ \$100.00, 1 @ \$417.72, 1 @ \$439.44, 1 @ \$709.57, 1 @ \$723.34, 1 @ \$1,041.20, 1 @ \$1,452.15, 1 @ \$2,012.50 .....	13		7,162.01	
Accident, health or kindred insur- ance companies having in this city one agency or one office (local or general) whose gross premiums, including the renew- als derived through same are respectively \$1,000 or less, each..	7	75.00	525.00	
Those whose gross premiums (in- cluding renewals), respectively exceed \$1,000, but are less than \$2,000 .....	3	125.00	375.00	
Those whose gross premiums, (in- cluding renewals), respectively exceed \$2,000, but are less than \$3,000 .....	1	150.00	150.00	
For each additional \$1,000 or frac- tional part of \$1,000 of gross premiums (including renewals), respectively, derived through said agency or office, \$30.00—1 @ \$180.00, 2 @ \$210.00, 2 @ \$240.00, 1 @ \$270.00, 1 @ \$330.00, 1 @ \$420.00, 1 @ \$510.00 .....	9		2,610.00	
Plate Glass Insurance Companies doing a gross business of \$500, or less in premiums, reported through agents resident in the City of Charleston, S. C., each	1	50.00	50.00	
On each \$100 or fraction thereof of gross premiums in excess of \$500, \$5 for each \$100 or frac- tional part thereof .....	1		80.00	
Marine Insurance Companies, hav- ing in this city one agency or one office (local or general) whose gross premiums, including re- newals derived from the same are respectively \$1,000 or less....	2	75.00	150.00	
Those whose gross premiums, (in- cluding renewals), respectively exceed \$1,000 on the basis of one-half of 1 per cent. on the premiums on the policies which may be written—1 @ \$101.67, 1				

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
@ \$114.34, 1 @ \$116.23, 1 @ \$258.24, 1 @ \$672.83, 1 @ \$911.85 Solicitors of Life and Accident Insurance Companies and Solicitors, Special Agents and Adjusters of fire and other insurance companies unconnected with regular licensed local agency of same, or whose business does pass through said local agent .....	6		2,175.16	
.....	1	300.00	300.00	\$ 32,047.17
CLASS 4.				
Phosphate Rock Mining or Manufacturing Companies or Agencies; also Fertilizer Companies or Agencies, whose gross business is 10,000 tons per annum or less .....	7	200.00	1,400.00	
Those whose gross business exceeds 10,000 tons, but is less than 20,000 tons per annum, each .....	1	300.00	300.00	
Those whose gross business exceeds 20,000 tons, but is less than 35,000 tons per annum, each.....	1	350.00	350.00	
Those whose gross business exceeds 35,000 tons, but is less than 50,000 tons per annum, each .....	1	400.00	400.00	
Those whose gross business is 50,000 tons or more per annum, each .....	1	650.00	650.00	3,100.00
CLASS 5.				
Pawnbrokers, each .....	6	500.00	3,000.00	
Money Lenders, Loan Co-operation or Aid Association, who as contemplated by this ordinance, is one who carries on the business of lending his own or other people's money, not as a stock and bond broker, chartered bank, private banker, negotiator of loans on realty, real estate agent or firm of such agents or deals in stocks and bonds as herein provided, but who carries				

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
on the business of lending money on notes, endorsements, personal security or personal property other than stocks and bonds, each .....	3	1,000.00	3,000.00	6,000.00
<b>CLASS 6.</b>				
Banks, State or Savings, those whose capital, surplus and undivided profits are \$200,000, or over, each .....	2	500.00	1,000.00	
Banks whose capital, surplus and undivided profits are \$100,000, or over, but less than \$200,000....	4	400.00	1,600.00	
Banks whose capital, surplus and undivided profits are \$50,000 or over, but less than \$100,000 .....	6	300.00	1,800.00	
Branch banks, conducted by banks duly licensed, each .....	2	200.00	400.00	
Building and Loan Associations, each .....	11	75.00	825.00	5,625.00
<b>CLASS 7.</b>				
Auctioneers, Real Estate Brokers of Stocks, Bonds and other Personal Property at auction or private sale or commission, each ..	20	75.00	1,500.00	
Brokers dealing in rice, chemicals, fertilizer materials, each .....	9	25.00	225.00	
Brokers in Cotton .....	5	50.00	250.00	
Rent Agents or Collectors of rent or other claims, each .....	20	25.00	500.00	
Merchandise Brokers, Dealers, other than cotton, rice or fertilizer, who sell only on brokerage or commission here, each broker or recognized firm of brokers, not exceeding two members, each .....	25	25.00	625.00	
Coastwise Ship Brokers, each.....	2	25.00	50.00	3,150.00
<b>CLASS 8.</b>				
Boarding Houses and Hotels....				
Those having less than ten rooms, each .....	2	10.00	20.00	
Those having ten and less than twenty rooms, each .....	1	30.00	30.00	

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
Those having one hundred rooms, each .....	3	100.00	300.00	350.00
CLASS 9.				
Bakeries, other than steam, each....	13	25.00	325.00	325.00
CLASS 10.				
Barbers, for one chair .....	76	5.00	380.00	
Barbers, for each additional chair .....	54	2.50	135.00	
Bootblack Stands, each .....	26	5.00	130.00	645.00
CLASS 11.				
Distribution of Advertising Matter of any kind or nature, each .....	4	25.00	100.00	
Bill Posters and Distributors, in- cluding the painting of, printing of, and tacking up of advertis- ing signs, each .....	1	50.00	50.00	150.00
CLASS 12.				
Builders, Master Mechanics and Workmen of all trades and em- ployment not specially named elsewhere: Those employing over ten hands, each .....	5	50.00	250.00	
Those employing not over ten hands, each .....	10	25.00	250.00	
Contractors, or firms of such, taking or offering to take con- tracts not exceeding in the ag- gregate more than \$500 per an- num, each .....	18	5.00	90.00	
Contractors, or firms of such, taking or offering to take con- tracts not exceeding in the ag- gregate more than \$1,500 per annum, each .....	10	15.00	150.00	
Contractors, or firms of such, taking or offering to take con- tracts not exceeding in the ag- gregate more than \$5,000 per annum, each .....	2	25.00	50.00	
Contractors, or firms of such, taking or offering to take con- tracts exceeding in the ag- gregate more than \$5,000 per				

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
annum, each .....	3	50.00	150.00	940.00
CLASS 13.				
Academy of Music, Theater or Opera House, each .....	1	200.00	200.00	
Vaudeville Shows, charging not over fifty cents admission, each..	1	200.00	200.00	
Moving Picture Shows, charging over ten cents and under fifty cents admission, each .....	1	150.00	150.00	
Moving Picture Shows charging ten cents admission, each .....	1	125.00	125.00	
Moving Picture Shows, charging not over five cents admission, each .....	4	75.00	300.00	975.00
CLASS 14.				
Cook Shops, each .....	33	20.00	660.00	660.00
CLASS 15.				
Shipyards, Marine Railways or Slips, each .....	1	50.00	50.00	50.00
CLASS 16.				
Dye Houses, doing a business of \$1,000, each .....	2	10.00	20.00	
Dye Houses, doing a business of over \$1,000, each.....	2	20.00	40.00	50.00
CLASS 17.				
Dealers in Fresh Meat, sold else- where than in the market .....	32	75.00	2,400.00	2,400.00
CLASS 18.				
Dealers in Upland Cotton and Dealers in Rice in barrels or the equivalent in sacks:				
Those buying or selling less than 2,500 bales of cotton, each .....	7	50.00	350.00	
Those buying or selling less than 5,000 barrels of rice, each .....	1	50.00	50.00	
Those buying or selling 2,500 bales of cotton and less than 5,000 bales, each .....	2	100.00	200.00	

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
Those buying or selling 10,000 bales of cotton and less than 15,000 bales, each .....	1	300.00	300.00	
Those buying or selling 20,000 bales of cotton or more, each....	1	500.00	500.00	1,400.00
CLASS 19.				
Dealers in Sea Island Cotton or Long Staple Cotton:				
Those buying or selling less than 1,000 packages, each .....	4	50.00	200.00	
Those buying or selling 1,000 packages and less than 2,500 packages, each .....	3	100.00	300.00	
Those buying or selling 2,500 packages and less than 4,500 packages, each .....	1	200.00	200.00	700.00
CLASS 20.				
Cotton Pickeries or Buyers and Packers of Loose Cotton, each..	1	75.00	75.00	
Those buying and selling empty bags, barrels, crates and old bags, each .....	2	25.00	50.00	125.00
CLASS 21.				
Agents for or Dealers in Sewing Machines, each .....	2	40.00	80.00	
Agents for or Dealers in Bicy- cles or Automobiles, each .....	15	25.00	375.00	
Agency, meaning resident persons, who represent non-resident deal- ers or manufacturers, and not to be construed as meaning reg- ular brokers, each .....	8	25.00	200.00	655.00
CLASS 22.				
Importers and Dealers in Fertil- izers, Cotton Seed, Kainit, Guano, Phosphate Rock, Marl, Lime and all other like articles used or sold as fertilizers or which are used for manufactur- ing: Those selling not over 35,000 tons, each .....	1	350.00	350.00	350.00



## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
<b>CLASS 23.</b>				
Dealers in Patent Medicines on the streets, per week, each.....	3	25.00	75.00	
Dealers in books and pictures on the streets or canvassers for same, each .....	1	5.00	5.00	
Organ Grinders or Street Musicians, per month, each .....	1	10.00	10.00	
Dealers in Peddling Goods around the city, per week, each .....	31	5.00	155.00	
Dealers in Poultry, Fish, Vegetables on the street, per year, each .....	190	5.00	950.00	1,195.00
<b>CLASS 24.</b>				
Garage for care or repair of automobiles, etc. each .....	8	50.00	400.00	
Livery Stables, each .....	2	25.00	50.00	
Dealers in Horses and Mules or Cattle, each .....	3	50.00	150.00	
Stock Yards for the Feeding of cattle, each .....	1	50.00	50.00	650.00
<b>CLASS 25.</b>				
Dealers whose stock never exceeds in value the sum of \$50, each ....	288	5.00	1,440.00	1,440.00
<b>CLASS 26.</b>				
Dealers in Fruits and Peanuts, with stand on street, each .....	5	20.00	100.00	
Dealers in Hides, Tallow, Furs and Wool, each .....	3	100.00	300.00	
Dealers in Ice Cream or Ice Cream Saloons, each .....	10	15.00	150.00	
Dealers in Junk, wholesale, each....	3	75.00	225.00	
Dealers in Junk, retail, each .....	8	50.00	400.00	
Dealers in Soda Water, sold from fountains and milk shakes, each	123	10.00	1,230.00	2,405.00
<b>CLASS 27.</b>				
Dealers in Fuel, Coal or Coal Yards, and all importers of coal (except such as imported direct by official or mechanical or manufacturing enterprises for use by				

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
such establishments,) and all persons selling coal from wharves, vessels, or by railroad cars, whether as principal, agent, broker or otherwise, shall be deemed liable to a coal yard license, each .....	4	100.00	400.00	
Branch Offices and Yards of Dealers in Fuel or Coal, who have paid the \$100 license and conduct the business of branch yards, under the same firm name, each .....	1	25.00	25.00	425.00
CLASS 28.				
Dealers in any trade or merchandise not specially named elsewhere in this ordinance, including poultry and country produce, whose annual sales do not exceed \$2,000, each .....	332	20.00	6,640.00	
Those whose annual sales are over \$2,000 and less than \$5,000, each .....	60	30.00	1,800.00	
Those whose annual sales are over \$5,000 and less than \$10,000, each .....	21	35.00	735.00	
Those whose annual sales are over \$10,000 and less than \$15,000 each .....	20	50.00	1,000.00	
Those whose annual sales are over \$15,000 and less than \$20,000, each .....	11	60.00	660.00	
Those whose annual sales are over \$20,000 and less than \$30,000, each .....	9	75.00	675.00	
Those whose annual sales are over \$30,000 and less than \$50,000, each .....	21	100.00	2,100.00	
Those whose annual sales exceed \$50,000, for each additional \$1,000 each: 5 @ \$125, 2 @ \$150, 1 @ \$160, 3 @ \$175, 1 @ \$200, 1 @ \$500 .....	13		2,310.00	15,920.00
CLASS 29.				
Fairs, Promenade, Concerts, Parties, Public Balls, Glass Blowing, Operas, Minstrels, Vaudeville, and every other kind of				

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
public entertainment of like nature, and to be under police regulations, per day or night, each .....	243	5.00	1,215.00	1,215.00
CLASS 30.				
Founderies and Machine Shops, whose gross business does not exceed \$75,000, each .....	3	75.00	225.00	225.00
CLASS 31.				
Cigar Factories employing 25 or more hands, each .....	1	100.00	100.00	
Candy Factories, each .....	4	15.00	60.00	
Harness Factories, each .....	3	15.00	45.00	
Mattress Factories, each .....	1	15.00	15.00	
Sausage (by steam) Factories, each .....	1	15.00	15.00	
Sash and Blind Factories, each.....	3	40.00	120.00	
Soda Water Factories and Bottlers of Soda Water, etc., each .....	5	25.00	125.00	
Furniture, Factories, each .....	2	25.00	50.00	
Ice Factories, each .....	3	100.00	300.00	
Asbestos Factories, each .....	1	75.00	75.00	905.00
CLASS 32.				
Engravers and Watchmakers, each .....	7	10.00	70.00	
Gunsmiths, Locksmiths, Bicycle Repairers and Electricians, each .....	13	10.00	130.00	
Plumbers, Gasfitters, not employing hands, each .....	19	15.00	285.00	
Plumbers and Gasfitters, employing hands, each .....	15	25.00	375.00	
Painters or Tinnerns, each .....	14	10.00	140.00	
Shoemakers, each .....	25	5.00	125.00	
Stencil Cutters, each .....	2	10.00	20.00	
Upholsterers, each .....	2	10.00	20.00	
Artists, Ambrotypists, Daguerrotypers, or Photographers, each ..	7	25.00	175.00	1,340.00
CLASS 34.				
Laundries, Steam, each .....	4	75.00	300.00	
Laundries, Washing and Ironing Houses, each .....	12	37.50	450.00	750.00

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
CLASS 35.				
Lumber Yards, Lumber Ponds, Saw and Planing Mills, each .....	2	100.00	200.00	
Lumber Yards, Lumber Companies not having ponds or mills within the city, each .....	8	50.00	400.00	600.00
CLASS 36.				
Lawyers, Physicians, Dentists, Chemists and Professors—whose gross business does not exceed \$500, each .....	46	5.00	230.00	
Whose gross business does not ex- ceed \$1,000, each .....	33	10.00	330.00	
Whose gross business does not ex- ceed \$2,000, each .....	27	15.00	405.00	
Whose gross business does not ex- ceed \$3,000, each .....	21	25.00	525.00	
Whose gross business does not ex- ceed \$4,000, each .....	7	50.00	350.00	
Whose gross business does not ex- ceed \$5,000, each .....	2	75.00	150.00	
Whose gross business exceeds \$5,000, each .....	6	100.00	600.00	
Veterinary Surgeons, each .....	3	20.00	60.00	
Architects, Civil Engineers or Surveyors, each .....	6	20.00	120.00	2,770.00
CLASS 37.				
Marble Yards, each .....	1	20.00	20.00	20.00
CLASS 38.				
Mills, Flour, each .....	1	50.00	50.00	
Mills, Planing alone, each .....	1	60.00	60.00	
Mills, rice, doing business of 10,000 barrels, or their equivalent or under, each .....	1	100.00	100.00	210.00
CLASS 39.				
Newspaper—Daily, morning, each	1	150.00	150.00	
Newspaper—Daily, afternoon each	1	75.00	75.00	
Newspaper—Weekly .....	2	25.00	50.00	
News Stands on streets .....	4	10.00	40.00	
Printing Offices, job .....	3	50.00	150.00	
Printing Offices, job, hand				

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
power, each .....	4	15.00	60.00	
Trading Stamp Companies or Agencies, each .....	1	250.00	250.00	775.00
CLASS 40.	5	30.00	150.00	
Restaurants, Saloons and Cafes ....	5	30.00	150.00	
Billiard or Pool Tables, each table	60	25.00	1,500.00	1,650.00
CLASS 41.				
Itinerant Shows, not otherwise taxed, per week or less .....	3	25.00	75.00	
Shooting Galleries, Skating Rinks, each .....	1	50.00	50.00	125.00
CLASS 42.				
Stevedores, each .....	2	50.00	100.00	100.00
CLASS 43.				
Tailors and Merchant Tailors.....				
Those not employing over 3 hands, each .....	3	15.00	45.00	
Those employing more than three hands and less than ten hands, for each hand employed \$5.00:				
1 @ \$10, 1 @ \$20, 2 @ \$25, 1 @ \$30, 1 @ \$35 .....	6		145.00	
Tailor Shop, not merchants .....	35	5.00	175.00	365.00
CLASS 44.				
Undertakers and Cabinet Makers, whose business does not exceed \$1,000, each .....	11	25.00	275.00	
Undertakers whose business ex- ceeds \$2,000, each .....	3	100.00	300.00	575.00
CLASS 46.				
Warehousemen and Wharfmen, who are all persons, firms or cor- porations receiving any articles of trade or merchandise on stor- age, either on wharves, wharf warehouses, buildings or stores in any part of the city or who have piers or wharves used for				

## Licenses Issued in 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
loading or shipping goods from vessels, whose gross receipts do not exceed \$3,000, each .....	1	50.00	50.00	50.00
CLASS 47.				
Wheelwright and Blacksmith Shops, one forge, each .....	18	10.00	180.00	
Coach, Carriage and Buggy Mak- ers and Repairers, each .....	3	50.00	150.00	330.00
CLASS 48.				
Wood Yard (all parties having paid for wood yard licenses and licenses for carts, shall have the privilege of offering wood in the streets without the addition of a huckster's license: Provided, however, the name of the own- ers of such carts be painted, each	11	30.00	330.00	
Dealers in Wood, other than keepers of regular wood yards who sell from a stock on hand, shall in addition to wood cart license, pay, each .....	8	15.00	120.00	450.00
Special licenses .....				1,880.50
Total classified and special licenses				\$109,327.67

DANIEL L. SINKLER,  
City Assessor.

Charleston, S. C., December 31, 1916.

Assessed Returns for Licenses Turned Over to City Treasurer for  
the Year 1916.

D.

BUSINESS.	Number Taken Out	@	Amount	Total
CLASS 7.				
Merchandise Brokers .....	4	25.00	100.00	
CLASS 9.				
Bakeries, other than steam .....	4	25.00	100.00	
CLASS 10.				
Barbers .....	7		50.00	
CLASS 13.				
Moving Picture Shows, 5c admis- sion .....	1	75.00	75.00	
CLASS 14.				
Cook Shops .....	1	20.00	20.00	
CLASS 17.				
Green Grocers .....	5	75.00	375.00	
CLASS 24.				
Dealers in Horses and Mules.....	1	50.00	50.00	
CLASS 25.				
Small Dealers .....	8	5.00	40.00	
CLASS 26.				
Dealers in Junk, retail .....	2	50.00	100.00	
Dealers in Soda Water, etc. ....	5	10.00	50.00	
CLASS 28.				
Dealers whose annual sales do not exceed \$2,000 .....	6	20.00	120.00	
Dealers whose annual sales do not exceed \$10,000 .....	1	35.00	35.00	
CLASS 30.				

**Assessed Returns for Licenses Turned Over to City Treasurer for  
the Year 1916—Continued.**

BUSINESS.	Number Taken Out	@	Amount	Total
Foundries and Machine Shops....	1	75.00	75.00	
CLASS 31.				
Ice Factories .....	1	100.00	100.00	
CLASS 32.				
Shoemakers .....	3	5.00	15.00	
Painters and Tinner's .....	3	10.00	30.00	
Photographers .....	1	25.00	25.00	
CLASS 34.				
Laundries, other than steam .....	3	37.50	112.50	
CLASS 36.				
Lawyers, Physicians and Dentists..	10		90.00	
Architects, Civil Engineers or Surveyors .....	1	20.00	20.00	
CLASS 37.				
Marble Yards .....	1	20.00	20.00	
CLASS 39.				
Printing Office .....	1	15.00	15.00	
Coupon System .....	1	50.00	50.00	
CLASS 40.				
Restaurants .....	2	30.00	60.00	
Pool Tables .....	11	25.00	275.00	
CLASS 43.				
Tailor Shops .....	10	5.00	50.00	
CLASS 44.				
Undertakers .....	2	25.00	50.00	
CLASS 47.				
Wheelwrights .....	1	10.00	10.00	



*City Assessor's Report*

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Assessed Returns for Licenses Turned Over to City Treasurer for  
the Year 1916—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
CLASS 48.				
Wood Yards .....	1	30.00	30.00	2,142.50
Penalty 20 per cent. ....				428.50
Total assessed licenses and penalties .....				\$ 2,571.00

DANIEL L. SINKLER,  
City Assessor.

Charleston, S. C., December 31, 1916.

*Statement of the Number of Permits Issued for New Buildings and  
Old Buildings Improved for the Year 1916.*

**NEW BUILDINGS.**

158 Permits—Reported cost .....\$320,480.00

Distributed in the city as follows:

Ward 1.....	4 Permits .....	Reported Cost..\$	12,385.00
Ward 2.....	19 Permits .....	Reported Cost..	59,210.00
Ward 3.....	9 Permits .....	Reported Cost..	44,125.00
Ward 4.....	6 Permits .....	Reported Cost..	7,500.00
Ward 5.....	4 Permits .....	Reported Cost..	650.00
Ward 6.....	6 Permits .....	Reported Cost..	65,000.00
Ward 7.....	1 Permit .....	Reported Cost..	1,100.00
Ward 8.....	4 Permits .....	Reported Cost..	3,530.00
Ward 9.....	7 Permits .....	Reported Cost..	3,890.00
Ward 10.....	21 Permits .....	Reported Cost..	10,710.00
Ward 11.....	29 Permits .....	Reported Cost..	41,750.00
Ward 12.....	48 Permits .....	Reported Cost..	70,630.00

Total.....158 Permits ..... Reported Cost..\$320,480.00

**OLD BUILDINGS IMPROVED.**

333 Permits—Reported Cost .....\$200,190.00

Distributed in the city as follows:

Ward 1.....	23 Permits .....	Reported Cost..\$	53,095.00
Ward 2.....	14 Permits .....	Reported Cost..	4,130.00
Ward 3.....	32 Permits .....	Reported Cost..	37,210.00
Ward 4.....	21 Permits .....	Reported Cost..	25,105.00
Ward 5.....	26 Permits .....	Reported Cost..	23,170.00
Ward 6.....	25 Permits .....	Reported Cost..	7,740.00
Ward 7.....	23 Permits .....	Reported Cost..	10,785.00
Ward 8.....	28 Permits .....	Reported Cost..	6,010.00
Ward 9.....	12 Permits .....	Reported Cost..	1,745.00
Ward 10.....	40 Permits .....	Reported Cost..	10,890.00
Ward 11.....	59 Permits .....	Reported Cost..	11,990.00
Ward 12.....	30 Permits .....	Reported Cost..	8,320.00

Total.....333 Permits ..... Reported Cost..\$200,190.00

*Total of New Buildings and Old Buildings Improved.*

New Buildings .....	158 Permits.....	Reported Cost....	\$320,480.00
Old Buildings .....	333 Permits.....	Reported Cost....	200,190.00
Total .....	491 Permits.....	Reported Cost....	\$520,670.00

DANIEL L. SINKLER,  
City Assessor.

Charleston, S. C., December 31, 1916.

*Memorandum of Real Estate Exempt From Taxation as Appears on  
the Assessment Books for Year 1916.*

## CHURCHES.

Name.	Location.
St. Michael's Church .....	S. E. Cor. Meeting and Broad sts.
First Baptist Church .....	No. 61 to 67 Church st.
First Presbyterian Church .....	S. W. Cor. Meeting and Tradd sts.
The Huguenot Church .....	N. W. Cor. Church and Queen sts.
St. Philip's Church .....	East Church st.
Church of the Redeemer .....	227-229 East Bay st.
Trinity Church .....	N. W. Cor. Hasell and Maiden lane
St. Mary's Church .....	77 to 81 Hasell st.
Circular Church .....	136 to 150 Meeting st.
The Unitarian Church .....	East Archdale st.
St. John's Lutheran Church .....	S. E. Cor. Archdale & Clifford sts.
Roman Catholic Cathedral .....	122 to 128 Broad st.
Roman Catholic Chapel .....	105 to 113 Queen st.
St. Joseph's Church .....	95 Anson st.
St. Johannes Ger.-Luth. Church .....	48 Hasell st.
Hebrew Synagogue .....	72-78 Hasell st.
Westminster Church .....	273-275 Meeting st.
Wentworth St. Ch., St. Andrew's .....	37-39-41-43 Wentworth st.
Bethel Church .....	59-61-63 Pitt st.
Hebrew Synagogue .....	66-68 St. Philip st.
Grace Church Episcopal .....	100-102 Wentworth-Glebe sts.
St. Luke's Episcopal Church .....	North side Charlotte, 24 Elizabeth
Citadel Square Baptist Church .....	328-330 Meeting st.
Second Presbyterian Church .....	342 Meeting, 14 Ashmeade Place...
Church of Christ .....	176-178 Calhoun st.
St. Paul's Episcopal Church .....	126 to 136 Coming st.
German Lutheran Church .....	West Side King st.
St. Patrick's Church .....	134 St. Philip st.
St. Barnabas Church .....	77-79 America st.
Citadel Square Baptist Church, No. 2, .....	46-50 Cooper st.
St. John's Chapel .....	18 to 22 Hanover st.
Church of the Holy Rosary .....	472-474 Meeting st.
Cannon Street Baptist Church .....	46 Cannon st.
Spring St. Methodist Church .....	68 Spring st.
Presbyterian Bd. C. Missions Ch. ....	Plat 3, Fishburne st., Block 0.
Baptist State Mission Board .....	Plat 101, W. King st.
Christ Church (Episcopal) .....	East side Rutledge ave.
Berith Israel Congregation .....	145 St. Philip st.
Grecian Society of Charleston .....	Plat 1, St. Philip st., S. E. Cor. Fishburne.
Holy Communion Church .....	218 Ashley ave.
Cannon St. Baptist Church .....	48 and 48½ Spring st.
Cannon St. Baptist Church .....	50 Spring st.
Cannon St. Baptist Church .....	52 and 54 Spring st.
Presbyterian Board City Mission .....	South side Sumter st.
Holy Communion Church .....	108-110-112 Cannon st. (Home) ...
The Church Home .....	223-225-227-29 Ashley ave.
St. John's Chapel .....	277 Ashley ave.
St. John's Chapel .....	68 Amherst st. (Parish Home) ...
Cannon St. Baptist Church .....	East side Rutledge, Cor. Carolina...

*Memorandum of Real Estate Exempt From Taxation as Appears on  
the Assessment Books For Year 1916.*

**CHURCHES—COLORED.**

Name.	Location.
Calvary Episcopal Church .....	71 Beaufain st. ....
Olivet Presbyterian Church .....	93 Beaufain st. ....
Olivet Presbyterian Chapel .....	21 Cromwell alley .....
Emanuel Church .....	27 Cromwell alley .....
St. Luke A. M. E. Church .....	6 Wilson st. ....
Zion Church .....	123-125 Calhoun st. ....
Zion Indp., A. M. E. Church .....	84 Concord st. ....
Macedonia A. M. E. Church .....	24 Washington st. ....
St. Peter's Catholic Church .....	36 Wentworth st. ....
Centenary Church .....	58-60 Wentworth st. ....
Holy Trinity Ref. Epis. Church .....	51 Bull st. ....
Plymouth Church .....	41-43 Pitt st. ....
Reformed Episcopal Church .....	48 Calhoun st. ....
Emanuel A. M. E. Church .....	108-112 Calhoun st. ....
Fourth Baptist Church .....	13-15 Palmetto st. ....
St. Stephen's Chapel .....	65-67 Anson st. ....
Colored M. E. Church .....	64-66 Hanover st. ....
Presbyterian Church .....	400 Meeting st. ....
Wesley Meth. Epis. Church .....	446-448 Meeting st. ....
St. Mary Ref. Meth. Union Church .....	Plat 16, E. side Meeting st. ....
Union Baptist Church .....	Plat 7, E. side Meeting, nr. Romney
African M. E. Church .....	44 Nassau st. ....
St. Luke Ref. Epis. Church .....	60 Nassau st. ....
Trinity A. M. E. Church .....	Plat C. W. S. Meeting st. ....
Francis Brown A. M. E. Church .....	9-11 Ashe st. ....
Holy Cross Ref. Epis. Church .....	Plat 55 S. side Huger st. ....
Morris St. Meth. Church .....	13-15 Morris st. ....
Morris St. Baptist Church .....	25 to 29 Morris st. ....
Central Baptist Church .....	26-28 Radcliffe st. ....
St. Paul Baptist Church .....	378 Rutledge ave. ....
Calvary Baptist Church .....	170-172 Smith st. ....
Salem Baptist Church .....	211-213 Line st. ....
Mount Carmel A. M. E. Church .....	353 Rutledge ave. (building) ....
Central Relief M. E. Church .....	55-57 President st. ....
A. M. E. Church .....	11 Fishburne st. ....
Calvary Baptist Church .....	21 Sumter st. ....
Memorial Baptist Church .....	87-91 Alexander st., North .....
First Baptist Church .....	81 to 85 Alexander st., North .....
First Baptist Church .....	81 to 85 Alexander st., North .....
Christ Love Mission .....	63 Washington .....
Mt. Zion A. M. E. Church .....	5 and 7 Glebe st. ....
Virgin A. M. E. Church .....	188 Line st. ....
Bethel Methodist Church .....	222 Calhoun st. ....

*Memorandum of Real Estate Exempt From Taxation as Appears on  
the Assessment Books For Year 1916.*

PARSONAGES.

Name.	Location.
First Baptist Church .....	31 Church st. ....
St. Michael's Church .....	22 Lamboll st. ....
St. Philip's Church Home .....	142-146 Church st. ....
Unitarian Church .....	4 Archdale st. ....
Roman Catholic .....	112-114 Broad st. ....
St. Joseph Church .....	91 Anson st. ....
Bethel M. E. Church .....	207 Calhoun st. ....
St. Johannes Lutheran Church .....	5 College st. ....
Citadel Square Baptist Church .....	29 Montague st. ....
St. John's Lutheran Church .....	31 Pitt st. ....
Presbyterian Church, Second .....	49 Pitt st. ....
St. Philip Church .....	6-8-10 Glebe st. ....
Trinity Church (Methodist) .....	94 Wentworth .....
St. Andrew's Church .....	129 Coming st. ....
Methodist Epis. Church .....	84 Pitt st. ....
Grace Church .....	138 Rutledge ave. ....
Cumberland M. E. Church .....	14 Hampstead Square .....
Roman Catholic .....	476 Meeting st. ....
Spring St. Methodist Church .....	231 Coming st. ....
German Lutheran Church .....	96 Radcliffe st. ....
St. Patrick's Catholic Church .....	136 St. Philip st. ....
Holy Communion Epis. Church .....	220 Ashley ave. (Parish House)...
Holy Communion Epis. Church .....	107 Cannon st. (Rectory) .....
St. Paul's Episcopal Church .....	215-217 Ashley ave. ....

*Memorandum of Real Estate Exempt From Taxation as Appears on  
the Assessment Books For Year 1916.*

PARSONAGES—COLORED.

Name.	Location.
St. Peter's Catholic Church .....	34 Wentworth st. ....
Flymouth Church .....	32 Bull st. ....
Holy Trinity Ref. Epis. Church .....	49 Bull st. ....
Centenary M. E. Church .....	132 Wentworth st. ....
African Methodist Church .....	51 Mary st. ....
Frances Brown A. M. E. Church .....	12 Ashe st. ....
Old Bethel M. E. Church .....	29 Felix st. ....
Morris St. Baptist Church .....	23 Morris st. ....
Calvary Baptist Church .....	86 Morris st. ....
Morris Brown A. M. E. Church .....	194 St. Philip st. ....
Zion Presbyterian Church .....	263 Ashley ave. ....
Mount Zion Church .....	129 Cannon st. ....
Wesley M. E. Church .....	57-59 Nassau st. ....
St. Mary Ref. Meth. U. Church .....	Rear Plat 16 E. side Meeting st....

*Memorandum of Real Estate Exempt From Taxation as Appears on  
the Assessment Books For Year 1916.*

**Burial Yards Not Attached to Church Buildings:**

Name.	Location.
St. Peter's Church .....	6 to 12 Logan st. ....
St. Philip's Church .....	West Church st. ....
Presbyterian Church .....	.. to 35 Archdale st. ....
	52 to 54 Pitt st. ....
Bethel Church (Meth.) .....	55 to 57 Pitt st. ....
Hebrew Burial Ground .....	16 Hanover, S. E. Cor. Amherst...
Hebrew Cemetery .....	187 to 195 Coming st. ....

**COLORED.**

Name.	Location.
Centenary Church (Meth.) .....	88 Smith st. ....
Lutheran Col'd Burying Ground .....	West side Aiken st. ....
Burying Ground, African .....	48 to 54 Reid st. ....
Colored Burying Ground .....	104 to 106 Line st. ....
Lutheran Burying Ground .....	North side Columbus st. ....
Methodist Burial Ground .....	North side Columbus st. ....
Burial Ground, Catholic .....	99 to 109 S. Shepherd st. ....
Baptist Burying Ground .....	108 to 112 Line st. ....
Calvary Burying Ground .....	114 to 124 Line st. ....

**ORPHAN HOUSES.**

Name.	Location.
Charleston Orphan House .....	156-160 Calhoun st. ....
City Orphan House .....	201-205 Calhoun st. ....
Hebrew Orphan Society .....	88 Broad st. ....

**HOSPITALS.**

Name.	Location.
S. W. Cor. Calhoun & Lucas sts.....	Roper Hospital .....
North side Calhoun st. ....	Riverside Infirmary .....
258 to 264 Calhoun st. ....	St. Francis Xavier Infirmary .....
Plat 617 W. side Ashley ave. ....	Baker-Craig Sanatorium .....
271 Meeting st. ....	Shirras Dispensary .....
E. side Franklin st. ....	Old Marine Hospital .....

**COLORED.**

Name.	Location.
Hospital Fund Training Sch. Assn..	135 to 139 Cannon st. ....

*Memorandum of Real Estate Exempt From Taxation as Appears on  
the Assessment Books For Year 1916.*

## SCHOOLS.

Name.	Location.
S. C. Military Academy .....	134-150 Calhoun st. ....
Porter Military Academy .....	West side Ashley ave. ....
Charleston College .....	North s. George st., 4 Green st. ....
High School of Charleston .....	24 N. George st., Cor. Meeting .....
Memminger School .....	1-11 St. Philip, S. W. Cor. Beaufain .....
Craft School .....	67-75 Legare st., S. W. Cor. Queen..
Bennett School .....	35 St. Philip st. ....
Mitchell School .....	E. side Rutledge, Cor. Fishburne....
Confederate Home College .....	60-66 Broad, 21-29 Chalmers st. ....
Gibbes Art School .....	131-139 Meeting st. ....
Sisters of Our Lady of Mercy .....	70-72 Legare st. ....
Sisters of Our Lady of Mercy .....	120-124 Queen st. ....
S. C. Medical College .....	158 Queen st. ....
Medical College of State of S. C. ....	6-18 Lucas st. ....
St. Joseph's Church .....	87-89 Anson st. ....
Central School (Catholic) .....	54 George st. ....
St. Patrick's Church .....	127-131 St. Philip, 17-25 Radcliffe....
City Board School Commr's. ....	W. S. President, bet. Fishburne & Sumter .....
Morris St. Public School (C.) .....	W. Jasper, S. W. Cor. Morris. ....
Shaw Memorial School (C) .....	16-20 Mary st. ....
Avery Normal Institute (C) .....	127 Bull st. ....
Orphan Aid Society (C) .....	1-7 Cromwell alley .....
Catholic School (C) .....	49-51 Society st. ....
St. Paul Church (C) .....	65 Society st. ....
Presbyterian Church (C) .....	9-11 Nassau st. ....
Charleston Industrial School (C) .....	15-21 Kracke st. ....
Julia P. Dart (C) .....	Plat 32 E. Rosemont st. ....
Church of Immaculate Conception. ....	283 Coming st. ....

## REAL ESTATE OF UNITED STATES.

Name.	Location.
U. S. Custom House .....	200-226 East Bay .....
U. S. Custom House wharf .....	Between Central and Market whf..
U. S. Postoffice & Court House. ....	73-83 Meeting st., S. W. Cor. Broad
U. S. Postoffice Park .....	71 Meeting st. ....
U. S. Colonial Bldg. (Old P. O.) .....	122-126 East Bay .....
U. S. Immigration Station .....	Cooper River .....

## REAL ESTATE OF THE STATE OF SOUTH CAROLINA

Name.	Location.
County Court House .....	85 to 91 Meeting st. ....
Fire Proof Building .....	S. S. Chalmers, S. E. Cor. Meeting
County Jail .....	S. S. Magazine, S. E. Cor. Franklin

*Memorandum of Real Estate Exempt From Taxation as Appears on  
the Assessment Books For Year 1916.*

REAL ESTATE OF THE CITY OF CHARLESTON.

Name.	Location.
White Point Garden .....	South Battery .....
White Point Garden .....	East Battery .....
Empty Lot .....	35 and 3 7S. Battery to Channel ..
Sewerage Pump .....	12 to 14 Price alley .....
Empty Lot .....	145 to 147 Broad st. ....
Colonial Lake .....	West side Rutledge ave. ....
Toale's Mill Pond .....	West side Gadsden st. ....
Used by Street Dept. ....	19 Magazine st. ....
Used by Health Dept. ....	63 & 65 Queen st. ....
Engine House .....	114 & 116 Meeting st. ....
Engine House .....	46 John st. ....
Engine House .....	62 & 264 Meeting st. ....
Engine House .....	48 Wentworth st. ....
Supply Sta. Fire Dept. ....	81 Queen st. ....
Engine House .....	83 Queen st. ....
Engine House .....	N. W. Cor. Huger & Seyle sts. ....
Engine House .....	5 & 7 Cannon st. ....
Central Market .....	Meeting to East Bay .....
Market wharf .....	Foot of Market st. ....
Charleston Home .....	S. side Columbus, between Drake & Hampstead Mall .....
Wragg Square .....	N. E. Cor. Meeting & Charlotte ..
Wragg Mall .....	378-380 Meeting st. ....
Keystone Park .....	East Side Elizabeth, Cor. Chapel ..
Police Station .....	12-22 Vanderhorst Cor. St. Philip ..
Police Station .....	Rear 26 & No. 26 & 28 Vanderhorst ..
High School and Grounds .....	Meeting and George sts. ....
Cannonsboro Wf. & Mill Prop. ....	South side Bee st. ....
Hampstead Mall .....	East side Aiken st. ....
College and Campus .....	St. Philip & Green sts. ....
Old Folks Home .....	West End Sumter st. ....
Potter's Field .....	West Side President, bet. Line & Fishburne .....
Futcher Pens .....	West Side President, bet. Line & Fishburne .....
Artesian Well and Lot .....	N. E. Cor. Meeting & Wentworth ..
Bennett's Mali .....	East S. Lufts, bet. Creek & Calhoun ..
City Hall .....	Meeting and Broad sts. ....
Washington Park .....	Meeting and Broad sts. ....
Orphan House and Grounds .....	156-160 Calhoun st. ....
Cannon Park and Museum .....	121-129 Rutledge ave. ....
Roper Hospital .....	West side Calhoun st. ....
Riverside Infirmary .....	North side Calhoun st. ....
City Stables .....	135-137-139-141 Line st. ....
Hampton Park—65 acres .....	Rutledge, Moultrie, Grove to Ash- ley River .....
	Plat 266-267-268 W. S. Norman st. ....
	Three Lots S. side Roberts Ct. ....
	N. W. Cor. Spring and President ..
	Lot W. S Gadsden st, Sew. Pump ..



*Memorandum of Real Estate Exempt From Taxation as Appears on  
the Assessment Books For Year 1916.*

Name.	Location.
<i>Memorandum of Real Estate Exempt From Taxation as Appears on the Assessment Book For Year 1916.</i>	
Water Lot .....	S. S. Bull, bet. Gadsden & Barre st S. E. Cor. Line and Ashley .....
	999 Anson st. ....
	Plat 6-7 E. S. Aiken, Cor. Lee st. ....
Public Landing—N. Side Columbus, bet. Cooper River & Bay st. ....	
S. side Columbus, bet. Cooper River & Bay st. ....	
35 Drake st. ....	
Parade Ground, 4th Brigade .....	N. side Pine st. ....
	18 South st. ....
	Part of Plat 15 & 16 W. Meeting, bet. Stewart & Huger
	Plat 22 N. Boulevard, Bet. Council and Rutledge .....
	Plat 21, N. Boulevard, Bet. Council and Rutledge .....
	Plat 15, N. Boulevard, Bet. Rutledge & Ashley .....
	Plat 14, N. Boulevard, Bet. Rutledge & Ashley .....
	Plat 13, N. Boulevard, Bet. Rutledge & Ashley .....
	Plat 12, N. Boulevard, Bet. Rutledge & Ashley .....
	Plat 11, N. Boulevard, Bet. Rutledge & Ashley .....
	Plat 10, N. Boulevard, Bet. Rutledge & Ashley .....
	Plat 8, N. Boulevard, N. W. Cor. Ashley .....
	Plat 7, N. Boulevard, Bet. Ashley & Tradd .....
	Plat 6, N. Boulevard, Bet. Ashley & Tradd .....
	Plat 5, N. Boulevard, Bet. Ashley & Tradd .....
	Plat 4, N. Boulevard, Bet. Ashley & Tradd .....
	Plat 3, N. Boulevard, Bet. Ashley & Tradd .....
	Plat 2, N. Boulevard, Bet. Ashley & Tradd .....
	Plat 1, N. Boulevard, Bet. Ashley & Tradd .....
	Plat 24, S. So. Bay st., Bet. Council & Rutledge .....
	Plat 55, N. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 51, N. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 50, N. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 49, N. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 48, N. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 30, S. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 31, S. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 32, S. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 33, S. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 34, S. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 35, S. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 36, S. side So. Bay, Bet. Rutledge and Ashley .....
	Plat 37, S. side So. Bay, S. E. Cor. Ashley ave. ....
	Plat 38, S. side So. Bay, S. W. Cor. Ashley ave. ....
	Plat 39, S. side So. Bay, Bet. Ashley & Tradd .....
	Plat 40, S. side So. Bay, Bet. Ashley & Tradd .....
	Plat 41, S. side So. Bay, Bet. Ashley & Tradd .....
	Plat 43, S. side Tradd, Bet. So. Bay & Ashley River. ....

*Memorandum of Real Estate Exempt From Taxation as Appears on  
the Assessment Books For Year 1916.*

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MISCELLANEOUS.

Name.	Location.
William Enston Home .....	E. side King, Bet. Huger & Grove
Evang. Luth. Churches Society .....	257-265 Calhoun st. ....
Confederate Widows' Home .....	9 Orange st. ....
Sheltering Arms .....	97 Drake st. ....
American Missionary Ass'n. ....	Rear of 54 Montague st. ....
Charleston Port Society .....	265-267-269 Meeting st. ....
Young Men's Christian Ass'n. ....	26 George st. ....
Charleston Library Society .....	164-170 King st. ....
Colonial Dames of America .....	S. side Cumberland st. ....
Charleston Chamber of Commerce..	50-52 Broad st., Cor. Church .....
The Porter Military Academy .....	29 Bee st. ....
The Porter Military Academy .....	31 Bee st. ....
The Porter Military Academy .....	33 Bee st. ....
The Porter Military Academy .....	35 Bee st. ....
The Porter Military Academy .....	37 Bee st. ....
The Porter Military Academy .....	39 Bee st. ....
The Porter Military Academy .....	41 Bee st. ....
The Porter Military Academy .....	N. W. Ashley & Doughty sts. ....
The Porter Military Academy .....	N. E. President & Doughty sts. ....

DANIEL L. SINKLER,  
City Assessor.

# City Sheriff's Report

ANNUAL REPORT OF CITY SHERIFF

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Charleston, S. C., Dec. 31, 1916.

*To the Honorable the Mayor  
and City Council, Charleston, S. C.*

*Gentlemen :*

In accordance with the City Ordinance, I herewith submit this, my thirty-fourth, annual report, in condensed form, of the business of this office for the year ending December 31st, 1916.

Executions for delinquent tax for the year 1915 were issued to me by the City Treasurer November 15th, 1914. The amount of this tax collected by me from November 15th, 1915, to December 30th, 1915, was included in my annual report rendered you December 31st, 1915.

All executions issued to me for delinquent taxes prior to the year 1916 have practically been collected. The records of this office, which always tally with those of the City Treasurer's office, show that all delinquent tax executions have been accounted for, either by cash collections or "*Nulla Bona*" returns, approved by the Committee on Ways and Means of City Council. There is only one execution for 1911 tax and two for the year 1913 unsatisfied, both cases in the hands of the Corporation Counsel in

court, and eventually to be paid. The few executions uncollected for the year 1914 are in process of satisfaction.

Taxes collected during the year 1916 as follows: Of tax of 1912 marked "Nulla Bona" \$24.61 and School Tax \$2.44. Of tax for year 1913, have collected and settled with City Treasurer (including executions marked "Nulla Bona," a total tax of two hundred and twenty-six and 65-100 dollars, \$226.65). School Tax, twenty-six and 34-100 dollars (\$26.34). Penalty and costs two and 00-100 (\$2.00). Of tax of 1914 I collected and settled with the City Treasurer (including executions marked "Nulla Bona") two thousand, four hundred and forty-eight and 49-100 dollars (\$2,448.49). School Tax, two hundred and four and 76-100 (\$204.76) dollars. Penalty and costs, seventy-four and 84-100 dollars (\$74.84). Of tax of 1915 have collected and settled with the City Treasurer (including executions marked "Nulla Bona") twenty-four thousand, six hundred and forty-six and 14-100 dollars (\$24,646.14). School tax, twenty-seven hundred and forty-six and 6-100 dollars (\$2,746.06). Penalty and costs, fifteen hundred and twenty-two and 72-100 dollars (\$1,522.72).

Executions for delinquent tax for the year 1916. About one thousand were issued to me by the City Treasurer about November 15th, 1916. From this date to December 31st, 1916, I collected and settled with the City Treasurer (including executions marked "Nulla Bona") eleven thousand, six hundred and forty-one and 19-100 dollars (\$11,641.19). School Tax, seventeen hundred and fifty-nine and 18-100 dollars (\$1,759.18). Penalty and costs thirty-six and 1-100 dollars (\$36.01).

Of executions for delinquent licenses issued to me for the year 1916, collections were as follows:

License, eight hundred and seventy-five dollars (\$875.00).

Penalty and costs, ninety-four and 49-100 dollars (\$94.49).

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### ABUTMENT TAX EXECUTIONS

Since the abutment tax law has been in force, over eleven hundred executions have been placed in my hands for collection, being given me during each year, every month, for work on roadways and sidewalks on forty-seven streets. Very many of these executions are assigned to contractors who perform the work. This required very careful entries in the abutment tax books, as all executions assigned have to be kept separate in the monthly report rendered by this office to the City Treasurer. As new streets are paved the work connected with collecting delinquent installments constantly increases. Abutment tax collected during year 1916:

January Tax .....	\$ 879.49
February Tax .....	517.45
March Tax .....	291.02
April Tax .....	368.90
May Tax .....	439.36
June Tax .....	92.03
July Tax .....	724.75
August Tax .....	411.06
September Tax .....	316.36
October Tax .....	1,162.85
November Tax .....	1,734.29
December Tax .....	744.24
	<hr/>
	\$7,681.80

Interest on same, six hundred and ten and 78/100 (\$610.78), and penalty and costs, four hundred and thirty-six and 92/100 dollars (\$436.92). Total settlement with City Treasurer from all sources, including executions marked "Nulla Bona," fifty-five thousand and sixty and 42/100 dollars (\$55,060.42).

The numerous changes of ownership of property, especially during the last few years in this city, necessitates the finding of purchasers who failed to settle with the City Treasurer, many being non-residents requires considerable work outside of office, examining records to locate owners in order to bring to their attention their delinquency and enforce payment. A vigorous and systematic plan adopted with these and all other tax executions placed in my hands results in practically collecting all executions, or placed in a position to be collected, before executions for current years are given me, also enables the City Treasurer to make far better collections of taxes before executions are required to be given to the City Sheriff.

In closing this report, I take pleasure in commending the services of my deputy, Mr. Harold M. Holmes, in the performance of his duties connected with the business of this office to be most satisfactory and efficient.

Respectfully submitted,

GLENN E. DAVIS,  
*City Sheriff.*



# Report of Corporation Counsel

REPORT OF CORPORATION COUNSEL

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OFFICE OF CORPORATION COUNSEL

Charleston, S. C., December 31, 1916.

*To the Honorable the Mayor and Aldermen  
of the City of Charleston, S. C.*

*Gentlemen:*

I herewith beg to submit my Annual Report for the year ending December 31, 1916.

Throughout the year I have advised the Mayor, Members of the Board of Aldermen, Committees of Council and the heads of the various departments of the City whenever asked to do so, and at their request have prepared Ordinances and Resolutions from time to time.

CLAIMS AND CASES NOW PENDING AGAINST THE CITY  
COUNCIL OF CHARLESTON

Suit of J. C. MOODY versus The City Council of Charleston, for \$5,000.00 damages. This suit is referred to in my Annual Report for 1915 and is now pending in the Court of Common Pleas.

Suit of ABRAHAM BUTLER versus The City Council of Charleston, for \$2,000.00 damages. This suit is referred to in my Annual Report for 1915 and is now pending in the Court of Common Pleas.

Suit of SANTO SOTTILE, doing business under the

name of Only Garage, against The City Council of Charleston, and Joseph A. Black, Individually, and as Chief of Police. This is a suit for the recovery of an automobile seized by the Police Department for transporting liquor. The prayer of the complaint is for the return of the car or for \$600.00, its alleged value, and for \$2,000.00 damages. The case is now pending in the Court of Common Pleas.

#### CASES DISPOSED OF

Suit of H. M. WIERMAN against The City Council of Charleston. This suit was settled for a small sum by direction of the Mayor and the vouchers will be found in the office of the City Treasurer.

Suit of JAMES L. EVANS versus The City Council of Charleston. This was a suit for \$10,000.00. This suit, after consultation with the Mayor, was settled and vouchers will be found in the office of the City Treasurer for the amount of the settlement.

Suit of BEATRICE VINSEN, by her guardian *ad litem*, against The City Council of Charleston. This suit was brought in the Civil and Criminal Court for \$500.00 damages and was settled for a small sum by direction of the Mayor. The vouchers will be found in the office of the City Treasurer.

During the year I have appeared in Court on behalf of the City upwards of one hundred times in liquor cases, gambling cases, cases for violation of regulations of the Board of Health, claim and delivery proceedings and disorderly conduct.

In addition, I have given a large number of written opin-

ions; have attended committee meetings, prepared Ordinances and all other legal work required of my office.

I herewith enclose a more detailed statement of the work of the office and of the cases in which I have appeared, beginning May 1, 1916.

Respectfully submitted,

W. TURNER LOGAN,

*Corporation Counsel.*

## WORK OF THE OFFICE

Received from J. A. Black, Chief of Police, sixteen letters.

Wrote fifteen letters to J. A. Black, Chief of Police.

Wrote one letter to J. P. K. Bryan, Esq., Attorney at Law.

Received one letter from J. Alwyn Ball, Esquire, Chairman Board of Health.

Wrote one long letter to J. Alwyn Ball, Esquire, Chairman Board of Health.

Received from Joseph C. Barbot, Esquire, Clerk of Council, forty-three letters.

Wrote thirty-seven letters to Joseph C. Barbot, Clerk of Council.

Received seven letters from American Surety Company.

Wrote eight letters to American Surety Company.

Received nine letters from John D. Cappelmann, Esq., Mayor Pro-Tempore.

Wrote eleven letters to John D. Cappelmann, Esq., Mayor Pro-Tempore.

Wrote one letter to Joseph Czirsosky.

Wrote one letter to Blustein Bros.

Received one letter from Glenn E. Davis, Esq., City Sheriff.

Wrote one letter to Glenn E. Davis, Esq., City Sheriff.

Received seventeen letters from J. H. Dingle, Esq., City Engineer.

Wrote Twenty-four letters to J. H. Dingle, Esquire, City Engineer.

Received one letter from W. L. Douglas, Esq., Chairman of the Committee on Streets.

Wrote two letters to W. L. Douglas, Esq., Chairman of the Committee on Streets.

Received one letter from John F. Ferguson, Esq., Inspector of Meters.

Wrote one letter to John F. Ferguson, Esq., Inspector of Meters.

Received four letters from Dr. J. Merceir Green, Health Officer.

Wrote two letters to Dr. J. Merceir Green, Health Officer.

Received one hundred and fifty-seven letters from Mayor Hyde.

Wrote one hundred and eight letters to Mayor Hyde.

Wrote one letter to J. O. Lea, Esq., City Treasurer.

Received five letters from Messrs. Legge & Allan, Attorneys at Law.

Wrote four letters to Messrs. Legge & Allan, Attorneys at Law.

Received two letters from W. S. Lanneau, Esq., Chairman Committee on Water Supply.

Wrote ten letters to W. S. Lanneau, Esq., Chairman Committee on Water Supply.

Wrote one letter to Magistrate Lunz.

Wrote two letters to W. F. Livingston, Esq., President Jitney Motor Company.

Received four letters from Messrs. McMillan & Heyward, Attorneys at Law.

Wrote four letters to Messrs. McMillan & Heyward, Attorneys at Law.

Wrote one letter to Mr. Meldau.

Received one letter from F. H. McMaster, Esq., Insurance Commissioner.

Wrote one letter to F. H. McMaster, Esq., Insurance Commissioner.

Received four letters from Mr. W. C. Miller, representing Charleston Light & Water Company.

Wrote four letters to Mr. W. C. Miller.

Received one letter from Motion Picture Producers' Association.

Wrote one letter to Motion Picture Producers' Association.

Received six letters from Messrs. Mitchell & Smith, Attorneys at Law.

Wrote thirteen letters to Messrs. Mitchell & Smith, Attorneys at Law.

Received four letters from T. Moultrie Mordecai, Esq., Attorney at Law.

Wrote three letters to T. Moultrie Mordecai, Esq., Attorney at Law.

Received one letter from George H. Moffett, Esq., former Corporation Counsel.

Wrote one letter to George H. Moffett.

Received eleven letters from L. M. Pinckney, Esq., Chairman, Committee on Ways and Means.

Wrote ten letters to L. M. Pinckney, Esq., Chairman, Committee on Ways and Means.

Received four letters from J. A. Patla, Esq.

Wrote four letters to J. A. Patla, Esq., Attorney at Law.

Received one letter from Mr. Earle Sloan.

Wrote two letters to Mr. Earle Sloan.

Received one letter from James Simons, Esq., Attorney at Law.

Received seven letters from Mr. W. G. Sirrine, Attorney at Law.

Wrote four letters to Mr. W. G. Sirrine, Attorney at Law.

Received one letter from Simons-Mayrant Company.

Wrote four letters to Simons-Mayrant Company.

Wrote one letter to Jacob S. Schirmer & Sons.

Received one letter from Robert H. Simons, Esq., Chairman, Board of Market Commissioners.

Wrote two letters to Robert H. Simons, Esq., Chairman.

Received two letters from Mr. I'On Simons, former City Electrician.

Wrote two letters to Mr. I'On Simons, former City Electrician.

Received two letters from D. L. Sinkler, Esq., City Assessor.

Wrote one letter to D. L. Sinkler, Esq., City Assessor.

Received one letter from Robert S. Simons, Esq., Attorney at Law.

Wrote one letter to Fritz Thee.

Wrote six letters to Title Guaranty & Surety Company.

Received three letters from Messrs. Whaley, Barnwell & Grimball, Attorneys at Law.

Wrote two letters to Messrs. Whaley, Barnwell & Grimball, Attorneys at Law.

Received one letter from United States Wood Preserving Company.

Wrote seven letters to United States Wood Preserving Company.

Received seventeen letters from Jacob S. Williman, Esq.

Wrote twenty-four letters to Jacob S. Williman, Esq.

Received four letters from Messrs. Wilcox & Wilcox, Attorneys at Law.

Wrote four letters to Messrs. Wilcox & Wilcox, Attorneys at Law.

Received two letters from West Publishing Company.

Wrote four letters to West Publishing Company.

Wrote one letter to Magistrate Williams.



Wrote and received six letters from various Departments of the United States Government regarding Wood Block Paving.

Received one letter from Thomas P. Stoney, Esq., Attorney at Law.

Wrote one letter to Thomas P. Stoney, Esq.

Examined Section 31 of the Ordinances of City Council, concerning automobiles.

Prepared Amendment to Traffic Ordinance.

Redrafted Ordinance for the Registering and Licensing of Automobiles.

Examined authorities as to the information desired by the Committee on Ways and Means as requested in the letter of Joseph C. Barbot, Esq., Clerk of Council.

Interviewed Counsel representing Evans versus City Council of Charleston, and Wierman versus City Council of Charleston, and settled same.

Conference with Chief Black in regard to Sections 703 to 709 of the Revised Ordinances of the City of Charleston, 1903.

Examined Ordinance in regard to Junk Dealers for Chief Black.

Prepared Amendment to Section 709 of the Revised Ordinances so as to cover Junk Dealers as well as Pawn Brokers, and sent to Mayor Hyde.

Examined authorities in regard to sales by Wholesale Druggists.

Examined authorities in regard to photographing persons under arrest for Chief Black.

At the request of Clerk of Council prepared Ordinance to Prohibit the Unlawful Practice of Medicine or Surgery or any Branch or Specialty of the same in the City of Charleston.

Prepared Bill desired by Alderman Douglas, prohibiting the dripping of gasoline, etc., on the asphalt pavements of the City,

Prepared Bill repealing Sections 5 and 6, Class One, of the License Ordinances of the year 1916.

Prepared Bill amending Section 5, Class Three, of the License Ordinance for the year 1916.

Examined Petition and Affidavit of Messrs. Mitchell & Smith, Attorneys for Fairey Bros., for a refund of the corporation tax under Section 110, Revised Ordinances.

Examined into validity of proposed Ordinance to change type of arc lamps in City.

Engaged examining into the question of the power of the Board of Health to pull down unsanitary buildings.

Prepared two Ordinances in regard to Trustees of the Fireman's Insurance and Inspection Fund.

Examined law in regard to amendment of Section 751 of the Revised Ordinances of the City of Charleston, 1903.

Examined Petition of Woodstock Manufacturing Company for a refund of taxes under Section 110, Revised Ordinances.

Examined evidence upon which liquor was seized from A. H. Jarvis.

Prepared Answer in the case of Edward S. Burnham et al, versus M. S. Oliver et al.

Engaged in conference with Magistrate Lunz in regard to case of State versus Mrs. Buddee for sale of liquor.

Prepared Amendment desired by the Chairman of the Committee on Water Supply and Alderman Williams to the franchise to be granted the Charleston Light & Water Company.

Engaged at the Civil and Criminal Court with the Clerk going over the record in search of papers in the case against M. S. Sullivan and S. Smalls.

Notified counsel for M. S. Sullivan and J. C. Smith to be ready for trial.

Engaged in conference with the Magistrate in regard to liquor case.

Engaged in conference with W. G. Serrine, Esq., Attorney at Law, concerning United States Wood Preserving Company.

Arranged conference to be held at Mayor Hyde's Office in the matter of the United States Wood Preserving Company, of Mr. Serrine with Mayor Hyde, Mr. Dingle, City Engineer; Mr. Douglas, Chairman of the Committee on Streets; Mr. Mayrant of Simons-Mayrant Company; and W. Turner Logan, Corporation Counsel, and attended same.

Examined into matter of complaint of Standard Oil Company as to drain on Brigade street.

Engaged going to Standard Oil Works and making personal inspection as to alleged nuisance.

Engaged in conference with the Acting Judge of the Civil and Criminal Court, and with the Solicitor in regard to the Ruffin case.

Examined Petition of Carolina Public Service Corporation for permission to lay a spur track on Church street, and also examined report of Joint Committee on Streets and Public Safety.

Prepared Petition of Freeholders of the City of Charleston in the matter of Charleston Light & Water Company.

Engaged at City Engineer's Office examining in regard to conveyance to Holston Corporation in connection with Powder Magazine tract.

Examined title to lot corner Line and Shepard streets.

Prepared Bond to be signed by Chief Black and a surety in the case of Sam Sing versus J. A. Black.

Examined authorities as to whether, under Section 432 of the Revised Ordinances of the City of Charleston, of 1903, a sign containing the surname and an initial of the person keeping the store would be sufficient compliance with the Ordinance, at the request of Mr. Capelmann.

Examined title to Mill street, west of Lucas street.

Engaged in conference with Mr. Cappelmann, at the Mayor's Office.

Prepared proposed franchise to J. P. Wood for the distribution of electrical energy in Charleston.

Prepared draft of Agreement between City Council and Simons-Mayrant Company.

Engaged in conference with Mr. Douglas, Chairman of the Committee on Streets, as to liability of Simons-Mayrant Company.

Examined papers connected with Simons-Mayrant Company left by Mr. Douglas.

Prepared Release from S. Murray to City Council of Charleston.

Prepared contract between the City and Palmetto Bag & Waste Company.

Examined the proposed Bond of Palmetto Bag & Waste Company with American Surety Company, of New York.

Examined contracts and bonds for drain construction, for the laying of concrete sidewalks, setting curb and laying bluestone flagging.

Prepared release from James L. Evans to City Council of Charleston.

Examined Ordinances, authorities, etc., in connection with certain subjects pertaining to Public Health, as requested by Mr. J. Alwyn Ball, Chairman of Board of Health.

Examined authorities as to power of City Council of Charleston to compel Charleston Light & Water Company to maintain a suitable dam at Goose Creek to supply City of Charleston with water.

Drafted proposed franchise to be granted to Charleston Light & Water Company by City Council of Charleston.

Engaged with Mr. W. C. Miller, Attorney at Law, representing Charleston Light & Water Company, going over petition to be signed by freeholders.

## COURT CASES

BEGINNING MAY 1, 1916.

1916—

- May 1—State against George P. Stauss: Civil and Criminal Court; Violation Section 825 of Criminal Code of 1912; jury trial demanded; case adjourned until May 2.
- May 2—State against George P. Stauss: tried before a jury; guilty.
- May 4—Recorder's Court: Three lottery cases; two verdicts of guilty, one not guilty.
- May 10—Civil and Criminal Court: C. Black against Joseph A. Black; claim and delivery for one gallon of whiskey; tried by Judge without jury; verdict for plaintiff.
- May 11—Recorder's Court: City versus Sweeney; Lottery cases; guilty.
- May 24—Recorder's Court: City versus Ida Crouch Hazlett; jury trial; convicted.
- May 25—Recorder's Court: City versus William P. Dowling; disorderly conduct; convicted.
- June 1—Magistrate Lunz: Preliminary hearing; State against Vincent Chicco, Sr., and Joseph Chicco; Vincent Chicco bound over; liquor case.
- June 5—Magistrate O'Shaughnessy: State versus Robertson et al; hack driver, charged with transporting liquor; case dismissed.
- June 6—Magistrate Lunz: Preliminary hearing of Joseph Chicco; Charge: Abusing officer enforcing Dispensary Law; bound over.
- June 7—Magistrate Lunz: Preliminary hearing; Vincent Chicco, Jr., for selling liquor; bound over to Civil and Criminal Court.
- June 10—Civil and Criminal Court: State against Vincent Chicco, Jr.; case dismissed.

- June 16—Magistrate Lunz: Preliminary hearing; State versus H. D. Renken; Violation Dispensary Law; case continued.
- June 16—Civil and Criminal Court: Louis Bollo versus Joseph A. Black; claim and delivery of a gallon of whiskey; verdict for plaintiff.
- June 16—Civil and Criminal Court: State versus Edwards; transporting liquor; guilty:
- June 26—Magistrate Williams: Preliminary hearing; State versus Walton.
- July 19—Magistrate Williams: Preliminary hearing; eight liquor cases.
- July 20—Magistrate Williams: Preliminary examination; one liquor case.
- July 24—Magistrate Lunz: State versus Jones et al; Liquor case; prosecuting witness did not appear and case continued.
- August 1—Civil and Criminal Court: State versus A. Ford; transporting liquor; plead guilty.
- August 9—Magistrate O'Shaugnessy: State versus Leon Ruffin; handling and transporting liquor in the night time; bound over to Court of General Sessions.
- August 11—Police Station: Two lottery cases; one defendant acquitted; one convicted.
- August 11—Magistrate Williams: State versus Palasis; storing liquor; bound over.
- August 18—Magistrate Williams: State versus Momar Goldsmith; storing liquor. State versus Posner; storing liquor; Preliminary hearing in each case and both bound over.
- August 18—Magistrate Williams: State versus P. Danakos; storing liquor; Preliminary hearing; bound over.
- August 18—Magistrate Williams: State versus Makoff; Preliminary hearing; continued.
- August 18—Recorder's Court: City versus S. P. Schiadaressi, three

cases for violation screen ordinances; convicted in all three.

August 28—Police Court: Tried cases against five Chinamen charged with gambling; one convicted; four acquitted.

September 5—Recorder's Court: City versus Oscar Strickland; reckless driving; jury trial; not guilty.

September 7—Magistrate Williams: Preliminary hearing; State versus Dunlap; transporting and handling contraband liquor; dismissed.

September 16—Magistrate Williams: State versus Makoff; liquor case; dismissed.

September 16—Magistrate Williams: State versus Goss; liquor case; matter taken under advisement and defendant subsequently bound over.

September 22—Magistrate Williams: State versus Anderson; selling liquor; defendant bound over.

October 4—Recorder's Court: State versus Sanders; liquor case; defendant acquitted.

October 27—Civil and Criminal Court: State versus R. H. Simons; transporting liquor; guilty.

October 31—Civil and Criminal Court: State versus Alston; violation of Prohibition law; dismissed for lack of jurisdiction.

November 10—Recorder's Court: State versus Rosa Parker; transporting liquor; guilty.

November 10—Recorder's Court: City versus Esposito and Seragolos; each charged with violation of Board of Health Regulations as to screening; both found guilty.

November 15—Magistrate Lunz: State versus M. S. Sullivan and J. S. Smith; transporting and handling liquor; bound over.

November 18—Recorder's Court: City versus McPherson; lottery case; convicted.

- November 18—Recorder's Court: City versus Prince: transporting liquor; convicted.
- November 29—Civil and Criminal Court: State versus Pfeahler; transporting liquor; not guilty.
- November 29—Civil and Criminal Court: State versus Dennis; transporting liquor; not guilty.
- December 5—Recorder's Court: City versus Dr. J. C. Mitchell; violation Traffic Ordinances; guilty.
- December 12—Recorder's Court: Case against six Chinamen for gambling; defendants failed to appear and bail forfeited.
- December 18—Magistrate O'Shaughnessy: Preliminary hearing; State versus Sam Sing; violation Prohibition Law; bound over.
- December 21—Police Court: Lottery case; S. P. Stewart; Jury trial demanded and case set for December 23d.
- December 23—Recorder's Court: Lottery case; S. P. Stewart; convicted.
- December 29—Magistrate Burnet: State versus Tom Schiadaressi; violation Prohibition Law; preliminary hearing; bound over.
- December 29—Magistrate Burnet. State versus S. P. Schiadaressi; violation Prohibition Law; bound over.
- December 29—Magistrate Burnet: State versus Thomas Marks; violation Prohibition Law; preliminary hearing; bound over.
- December 29—Magistrate Burnet: State versus Robert Mansfield; violation Prohibition Law; preliminary hearing; bound over.
- December 29—Magistrate Burnett: State versus E. H. Rickels; violation Prohibition Law; preliminary hearing; bound over.
- December 29—Magistrate Burnet: State versus Jack Burden;



violation Prohibition Law; preliminary hearing; dismissed.

December 30—Magistrate Brown: Preliminary hearing, H. R. Rabens, J. S. Fox, William Burns; these defendants waived preliminary hearing and bound over.

December 30—Magistrate Brown: State versus M. G. Rehkopf and Leo Kanapaux; preliminary hearing; bound over.

# City Engineer's Report

REPORT OF CITY ENGINEER

Charleston, S. C., January 2, 1917.

*To the Honorable Mayor and Aldermen  
of the City of Charleston, S. C.*

*Gentlemen:*

In conformity with the provisions of Section 782, Revised Ordinances, I respectfully submit my Annual Report of the City Engineer's Department for the year ending December 31, 1916, and at the same time beg to refer to the Annual Reports submitted by me to the Committee on Streets and to the Board of Sewer Commissioners, the former embracing Highway Improvement, Highway Maintenance, Garbage Collection and Street Cleaning and the latter relating to Maintenance and Extension of Sewerage. With these branches of municipal work the City Engineer's department is intimately associated and to them a large proportion of our time is devoted. Since, however, operations in these departments are fully reported elsewhere, they will not be duplicated here, but an effort will be made to be as brief and concise as possible.

BUILDING CONSTRUCTION

Under the provisions of the Building Code, all plans and specifications for buildings must be examined by this department and permits issued for those which comply with the building regulations. This has been done and inspections during construction were made to the extent of our facilities for same. In addition to this, buildings reported as dangerous have been examined from time to time and reports made concerning same.

In connection with Building Construction, the following number of permits have been issued during the year :

	NEW		REPAIRS		TOTAL	
	No. Permits	Re-reported Cost	No. Permits	Re-reported Cost	No. Permits	Re-reported Cost
Brick Buildings...	11	\$ 89,600	67	\$93,147	78	\$182,747
Frame Buildings...	105	267,936	281	73,978	386	361,914
<b>Total</b> .....	<b>116</b>	<b>\$377,536</b>	<b>348</b>	<b>\$167,125</b>	<b>464</b>	<b>\$544,661</b>

### ASSESSMENT ROLLS

Under the "Abutting Property" law, surveys have been made and plats and assessments rolls for all sidewalk and roadway improvements have been prepared.

### MISCELLANEOUS

Inspections of actylene gas generators.

Inspections and repairs of street signs.

Inspections of water front for Dock Commission.

Inspections of railway stations' facilities.

Testing materials of construction.

Examination of records in connection with laying out streets and other public property.

Preparation of reports, blue prints, indexing, filing, etc., etc.

The following tabulation sets forth work done in the preparation of data, profiles, estimates, etc., for curb, sidewalks, drains, roadways and other improvements :

## CURBS AND SIDEWALKS

STREET	SIDE	FROM	TO	Estimate	Pro. Md. and Pegs set	Finished Work Measured	
				Curb and Sidewalks		Curb ft.	Sidewalks Sq. Yds.
Addison		Meeting	Westward		409		
Alway	S	Nuran	Chestnut	850	800	846	
Ashley	E	Congress	Fishburne		1 200		
Bay		Blake	Cooper		300		
Bay, South	S	Rutledge	Tradd		700		
Bee	B	President	Westward	600	600		
Cannon	N	Ashley	Chinquapin		1 510	2 211.1	
Cannon	N	Ashley	President		920		
Cannon	B	Rutledge	King		4 300	4 957.4	
Cedar	S	Meeting	Nassau	300	300		
Chestnut	E	Alway	Ashton	250	250	233.3	
Chinquapin	B	Cannon	Spring	600	575		
Charlotte	B	Meeting	Alexander	2 800	2 800	2 787.3	
Columbus		Bay	Eastward		200		
Congress	N	Oak	King	350	350	341.3	
Congress	S	Kennelworth	Elmwood		300		
Council	E	Gibbes	Northward	150	150		
Cypress	B	King	Rutledge	2 100	2 080	2 018.4	899.2
Cypress	B	Tracy	Rutledge		1 100		(flag)
Doughty	S	Ashley	Lucas	700	700	602	277.5
Doughty	N	Ashley	President	850	850	832	
Doughty	S	Lucas	President	250	250	230	
Drake		Cooper	Southward		200		
Fishburne	S	Ashley	President		800		
Fishburne	N	Rutledge	Larne	250	200	238.6	
Gibbes	S	Rutledge	Council	400	355	357.5	
Gibbes		Rutledge	Tradd		580		
Glebe	B	Wentworth	George		600		
Glenwood	E	Huger	Congress		465		
Holmes		Fishburne	Nanan		400		
Huger	S	King	Oak	275	250	250.5	
John	N	Meeting	King		674		
King	W	Cypress	Northward		150		51.4
King	W	Maple	Cypress		200		102.2
King	W	Poplar	Cypress	950	950	905	
King	B	Poplar	Maple		500		102.2
King	B	Romney	San's Souci		1 600		
King	B	Simons	Northward		250		
King	B	Simons	Poplar		400		51.2
King	W	Simons	Southward	100	100	100	
Lamboll	S	King	Meeting	500	500	485	
Logan		Tradd	Southward		150		
Lucas	E	Doughty	Palmetto	250	200	211	
Lucas	E	Mill	Palmetto	300	284	303	
Maple	B	King	Rutledge	2 100	2 100	1 977.0	898.1
Maple	B	King	Tracy		300		
Maple	B	King	Westward		250		
Maple	B	Tracy	Rutledge		1 100		
Maveric	S	King	Rutledge	750	750	714.3	
Meeting	B	Ann	John		500		
Meeting	B	Brigade	Northward		2 200		
Meeting	E	Cool Blow	Romney		800		

## CURBS AND SIDEWALKS—Continued.

STREET	SIDE	FROM	TO	Estimate	Pro. Md. and Pers. set	Finished Work Measured	
				Curb and Sidewalks		Curb ft.	Sidewalks Sq. Yds.
				Feet	Curb Ft.		
Meeting	B	Hampton	Center	.....	1 000	.....	.....
Meeting	B	Harris	Northward	.....	1 000	.....	.....
Meeting	B	Huger	Northward	.....	1 000	.....	.....
Meeting	B	Romney	Northward	.....	400	.....	.....
Meeting	B	Second	Williman	.....	750	.....	.....
Meeting	B	Shepard	Northward	.....	850	.....	.....
Meeting	B	Stewart	Northward	.....	700	.....	.....
Meeting	B	Williman	Brigade	.....	800	.....	.....
Moultrie	B	President	Ashley	.....	900	.....	.....
Moultrie	B	President	Parkwood	.....	265	.....	.....
Norman	W	Ashton	Alway	250	200	.....	.....
Oak	E	Huger	Congress	450	450	412	.....
Palmetto	B	Ashley	Lucas	1 300	1 250	.....	.....
Parkwood		Congress	Southward	.....	250	.....	.....
Perry	E	Carolina	Sumter	300	300	267	.....
Pinckney	B	Meeting	Anson	1 400	1 400	1 019	.....
Poplar	B	King	Rutledge	2 100	2 100	1 976.5	896.6
Poplar	B	King	Tracy	.....	200	.....	.....
Poplar	B	King	Westward	.....	250	.....	.....
Poplar	B	Tracy	Rutledge	.....	500	.....	.....
President	B	Cannon	Spring	407	407	.....	.....
President		Doughty	Spring	3 200	3 200	3 141	.....
President	E	Mill	Spring	.....	1 800	.....	.....
Romney	B	Meeting	Russell	.....	500	.....	.....
Romney	B	Meeting	Westward	.....	200	.....	.....
Romney	B	Russell	King	.....	200	.....	.....
Rutledge	E	Cypress	Simons	1 100	1 110	1 063.9	378.8
Rutledge	E	Gibbes	South Bay	.....	250	.....	.....
Rutledge		Tradd	Boulevard	.....	650	.....	.....
Rutledge		Maverick	Moultrie	.....	.....	.....	246.8
Simons	S	King	Rutledge	.....	1 083	.....	.....
Simons	S	King	Tracy	.....	400	.....	.....
Simons	S	King	Westward	150	150	113	.....
Simons	N	Tracy	E. & W.	250	250	195.8	72.5
Smith	B	Bull	Calhoun	.....	700	.....	.....
St. Michael's				.....	.....	.....	.....
Alley		Meeting	Church	350	470	331	.....
St. Philip		Spring	Bogard	.....	.....	.....	426.8
Tracy	B	Maple	Cypress	.....	800	.....	204.4
Tracy		Simons	Cypress	2 300	2 300	1 826.1	512.9
Tracy		Northward	Cypress	.....	.....	.....	101.9
Tradd	N	Ashley	Chisolm	500	500	487.6	.....
Tradd	N	Rutledge	Chisolm	.....	800	.....	(flag)
Tradd	N	Rutledge	Colonial	275	275	264.3	217.5

## ROADWAYS.

STREET	FROM	TO	Estimate Sq. Yds.	Finishhead Measurement Sq. Yds.
				Asphalt
Cannon	Chinquapin	Ashley.....	5 938.0	5 919.3
Cannon	King	Rutledge.....	8 268.3	8 556.2
Charlotte	Meeting	Alexander.....	( 5 170.4	.....
			( 5 400.0	.....
Chinquapin	Spring	Cannon.....	990.3	966.7
King	S. Battery	Ladson.....	1 200.0	1 165.1
Lamboll	King	Legare.....	1 190.4	.....
Lamboll	Meeting	King.....	642.6	663.1
Liberty	King	St. Philip.....	1 350.0	1 324.4
Meeting	N. of Hampton	C. Boundary.....	18 000.0	17 474.4
Montague	Shepard	N. of Hampton.....	14 000.0	13 862.4
Pinckney	Rutledge	Coming.....	4 750.0	.....
St. Michael's	Meeting	Church.....	1 716.6	1 662.4
Alley	Meeting	Church.....	703.7	683.6
President	Spring	Doughty.....	5 288.1	.....

## DRAINS.

Cannon Street, from Coming to St. Philip Street.....	422.8 ft. 18-in.	T. C.
Cannon Street, from Chinquapin to President Streets.....	631.2 ft. 18-in.	"
Cannon Street, from Islington to Ashley Avenue.....	308.6 ft. 15-in.	"
Cannon Street, from President to Islington Street.....	530.0 ft. 15-in.	"
Chinquapin Street, from Spring to Cannon Street.....	302.6 ft. 18-in.	"
Cypress Street, from King to West of Tracy Street.....	748.1 ft. 15-in.	"
Cypress Street, from West Tracy to Rutledge Avenue.....	260.8 ft. 12-in.	"
Gibbes Street, from Rutledge Avenue to Tradd Street.....	582.2 ft. 15-in.	"
King Street, from Romney to poplar Street.....	547.22 ft. 24-in.	"
King Street, from Poplar to North of Cypress Street.....	704.0 ft. 18-in.	"
Maple Street, from King to West of Tracy Street.....	747.4 ft. 15-in.	"
Maple Street, from West of Tracy to Rutledge Avenue.....	262.1 ft. 12-in.	"
Mill Street, from President to Creek .....	82.5 ft. 18-in.	"
Moultrie Street, from Ashley to President Street.....	820.7 ft. 15-in.	"
Pinckney Street, from Meeting to Anson Street.....	722.0 ft. 18-in.	"
Poplar Street, from King to West of Tracy Street.....	745.8 ft. 15-in.	"
Poplar Street, from West of Tracy to Rutledge Avenue.....	264.2 ft. 12-in.	"
President Street, from Cannon to Mill Street.....	1,576.3 ft. 18-in.	"
President Street, from Cannon to Spring Street.....	393.8 ft. 24-in.	"
Romney Street, from Meeting to King Streets.....	1,064.6 ft. 24-in.	"
Romney Street, from Meeting to King Streets.....	36.0 ft. 24-in.	C. I.
Rutledge Avenue, from South of Poplar to North of Cypress Streets .....	876.0 ft. 10-in.	T. C.
Simons Street, from Tracy to King Streets .....	481.0 ft. 18-in.	"
Simons Street, from Tracy to West of Tracy Street.....	153.3 ft. 15-in.	"
South Bay Street, from Rutledge to Ashley Avenue.....	587.5 ft. 15-in.	"
Tracy Street, from Cypress to Maple Streets .....	286.0 ft. 12-in.	"
Tracy Street, from Maple to Poplar Streets .....	285.6 ft. 12-in.	"
Tracy Street, from Poplar to Southward .....	199.6 ft. 12-in.	"
Tracy Street, from Simons to Northward .....	191.7 ft. 12-in.	"

## CONCRETE SIDEWALKS.

	Sq. Yds.
Bay Street, North side, King to Legare .....	84.3
Cypress Street, both sides, Rutledge to King Street .....	899.2
King Street, West side, Cypress to Maple Streets.....	102.2
King Street, West side, Cypress to Northward .....	51.4
King Street, West side, Maple to Poplar Street .....	102.2
King Street, West side, Poplar Street, to Southward.....	51.2
Maple Street, both sides, Rutledge to King Street .....	898.1
Poplar Street, both sides, Rutledge to King Street .....	896.6
Rutledge Avenue, East side, Cypress to Northward .....	51.3
Rutledge Avenue, East side, Maple to Cypress Street .....	126.0
Rutledge Avenue, East side, Maverick to Moultrie Street.....	246.8
Rutledge Avenue, East side, Poplar to Maple Street .....	126.0
Rutledge Avenue, East side, Poplar Street, Southward .....	75.0
Simons Street, North side Tracy Street, East and West.....	72.5
St. Philip Street, West side, Spring to Bogard Street.....	426.8
Tracy Street, West side, Cypress Street, Northward .....	51.1
Tracy Street, East side, Cypress Street, Northward .....	50.8
Tracy Street, West side, Cypress Street to Maple Street .....	102.2
Tracy Street, East side, Maple to Cypress Street .....	102.2
Tracy Street, West side, Maple to Poplar Street .....	102.2
Tracy Street, East side, Poplar to Maple Street .....	102.2



Tracy Street, West side, Poplar to Simons Street .....	156.8
Tracy Street, East side, Simons to Poplar Street .....	151.7

STREET LINES.

Bay, South, Logan to Tradd Street.  
 Bay, South, Rutledge to Ashley Avenue.  
 Bee Street, President to Wentworth Street.  
 Bogard Street, President to Norman Street.  
 Boulevard Drive, King to Limehouse Street.  
 Cannon Street, Ashley Avenue to Chinquapin Street.  
 Cannon Street, Rutledge Ave., to King Street.  
 Carolina Street, Percy to Tracy Street.  
 Charlotte Street, Meeting to Alexander Street.  
 Chestnut Street, Alway to Ashton Street.  
 Chinquapin Street, Cannon to Spring Street.  
 Coming Street, Line to Shepard Street.  
 Congress Street, King to Oak Street.  
 Cypress Street, King to Rutledge Avenue.  
 Doughty Street, Ashley to President Street.  
 Fishburne Street, Rutledge Avenue to Ashley Avenue.  
 Gibbes Street, Logan to Tradd Street.  
 Gibbes Street, Rutledge to Tradd Street.  
 Grove Street, Russell to King Street.  
 Hampton Street, Meeting to Russell Street.  
 Huger Street, Oak to King Street.  
 Huger Street, Meeting to King Street.  
 King Street, Romney to Simons Street.  
 King Street, Sans Souci to Boundary.  
 King Street, Simons to Cypress Street.  
 Lamboll Street, King to Meeting Street.  
 Limehouse Street, Boulevard to Gibbes Street.  
 Line Street, King to Rutledge Avenue.  
 Logan Street, Tradd to Gibbes Street.  
 Lucas Street, Doughty to Mill Street.  
 Maple Street, King to Rutledge Avenue.  
 Maverick Street, Rutledge to King Street.  
 Meeting Street, Hampton to Butler Street.  
 Meeting Street, Huger to Butler Street.  
 Mill Street, Rutledge to Lucas Street.  
 Norman Street, Ashton to Alway Street.  
 Oak Street, Congress to Huger Street.  
 Palmetto Street, Lucas to Ashley Avenue.  
 Perry Street, Carolina to Sumter Street.  
 Poplar Street, King to Rutledge Avenue.  
 President Street, Spring to Bogard Street.  
 President Street, Spring to Doughty Street.

Rutledge Avenue, Simons to Cypress Street.  
 Rutledge Avenue, Tradd to Boulevard.  
 Rutledge Avenue, Tradd to Gibbes Street.  
 Simons Street, King to Rutledge Avenue.  
 Tracy Street, Simons to Cypress Street.  
 Tradd Street, Rutledge Avenue to Gibbes Street.

The following is given as information :

	Sq. Miles
Area of High Lands .....	4.49
Area of Marsh Flats .....	1.36
Total area of City .....	5.85

#### Material of Roadways

	Miles
Asphalt .....	5.06
Asphaltic Concrete .....	.72
Clay Gravel .....	4.48
Cobble .....	1.41
Granite Blocks .....	17.22
Macadam .....	4.30
Shell .....	2.91
Vitrified Brick .....	5.90
Creosoted Wood Block .....	2.22
Unimproved .....	30.09
Total length streets, exclusive of lanes and alleys.....	73.31

#### Public Parks

	Acres.
Chicora Park .....	318.10
Hampton Park .....	317.
Colonial Lake, including pond .....	9.29
White Point Gardens .....	6.88
Marion Square .....	5.73
Hampstead Mall .....	3.67
Cannon Park, including Museum .....	2.85
Wragg Mall .....	1.23
Wrag Square .....	.98
Washington Park .....	.94
Lucas Street Park .....	.50
Market Park .....	.30
Keystone Park .....	.10

**Drains**

	Miles.
Tidal Drains, 3.5x5 ft. ....	5.51
Other brick Drains, from 0.5 sq. ft., to 9 sq. ft. ....	17.82
Vitrified Pipe, 30-inch .....	.65
Vitrified Pipe, 24-inch .....	1.38
Vitrified Pipe, 18-inch .....	7.29
Vitrified Pipe, 15-inch .....	5.48
Vitrified Pipe, 12-inch .....	31.77
Vitrified Pipe, 10-inch .....	3.04

**Electric Street Railways**

	Miles.
Total mileage of track throughout City .....	57.75

The expenditures of the City Engineer's Department during the year 1916 were as follows:

Salaries: City Engineer .....	\$3,000.00	
Assistant City Engineer .....	1,500.00	
Assistant City Engineer .....	1,200.00	
Stenographer .....	803.33	
Rodsman .....	525.00	
	<hr/>	\$7,028.33
Office: Bonds .....	\$ 15.00	
Car fare .....	55.00	
Postage Stamps .....	15.00	
Incidentals .....	61.38	
	<hr/>	146.38
Printing and Stationery .....		64.10
Drawing and reproducing Material .....		49.69
Miscellaneous .....		4.45
	<hr/>	\$792.95
	<hr/>	
Balance .....		357.05
Appropriation .....		\$7,650.00

All of which is respectfully submitted,

J. H. DINGLE,  
City Engineer.

Street Department

## REPORT OF COMMITTEE ON STREETS

*To the Mayor and Aldermen**of the City of Charleston.**Gentlemen:*

The Committee on Streets submit this, its Annual Report of receipts and expenditures, and work accomplished during the year 1916, as shown by the following detailed reports of the City Engineer and of the Clerk to the Street Department. In addition to these reports the Committee thinks it appropriate to refer, in a concise way, to the work and the proposed plans of the several sub-departments.

## SCAVENGERING

The record shows that there was more garbage collected and a larger number of loads hauled in 1916 than in any previous year. The exact number of loads was 54,908, as against 50,129 in 1915. This increase was due partly to the "clean-up" campaign of last summer and thereafter for a period of three months daily collections were made all over the city, instead of three collections per week as is the usual custom. The garbage carts have recently been provided with canvas covers in order to minimize the odor and spilling. If necessary the daily collection will be inaugurated again during the summer months.

Under this heading it might be proper to mention that for the first time in the history of the City a cash revenue of \$90.00 per month is received for the "dump" privilege, and without interfering with the ordinary routine work of effecting the sanitary regulations.

## STREET SWEEPING

This department has probably never been as well organized as it now is, and additional improvements will be made early in 1917. The patrol sweepers have been reduced from seventeen to nine, but an additional sweeping gang of ten and a foreman, with a mule-drawn sweeper and sprinkler has been added, and many streets that were spasmodically swept before are now swept at regular intervals. The records show 9,278 loads hauled in 1916, as against 8,421 in 1915. There have already been ordered two combination sprinklers and sweepers, eight metallic carts with attached covers, new harness and other equipment, all of which will facilitate the work and make it more economical. During the early part of the year an agreement was made with the Retail Merchants Association whereby all paper and similar refuse was to be placed in bags, and to facilitate the collection of this refuse, a specially constructed cart was purchased and assigned to this work, and with very satisfactory results.

## HIGHWAY MAINTENANCE

The unimproved streets of the City are in their usual unsatisfactory condition and in most instances will so continue until they are permanently paved. The department uses its utmost efforts, with the means at its disposal, but our heavy sand soil is difficult to do anything with by ordinary repairs. Your Committee, with the support of the Mayor and Council, now has a bill pending in the Legislature proposing a Constitutional amendment whereby all of the cost of permanent street improvements will be chargeable direct to the abutting property, with a ten-year installment payment option. This will be economical to

the taxpayer, to the public treasury, and is the only satisfactory solution of the paving problem.

#### PERMANENT WORK

The permanent improvement of streets, including paving, drains and curbing, is provided for by a special tax levy of four mills, which was a reduction of one mill from the 1915 levy. The four mills provided a fund of \$80,235.83; there was a balance from 1915 of \$6,380.25; the Street Railway Company and property owners paid \$58,396.49, making a total of \$145,012.57. The expenditures were \$119,947.91, leaving a balance of \$25,252.18, which is sufficient to cover the balance due on President, Cannon, Chinquapin and Charlotte streets. A large amount of projected and unfinished paving was carried over from 1915, the expense of which had to be met in 1916; the amount thus expended on upper Meeting Street alone was \$54,598.91, and the total of such work was \$87,393.93, all of which has been paid for. In addition to this, contracts were let in 1916 for asphalt roadways and concrete sidewalks for Cannon Street, from King to Chinquapin, and Chinquapin, from Cannon to Spring, both of which are about to be completed. Asphalt pavement is also under way on Charlotte Street, from Meeting to Alexander and, as previously stated, there is sufficient funds on hand to pay for all of this work.

In addition to the cash balance referred to, there will be due the department in 1917 \$11,502.85 from deferred installments under the abutting law, none of which has been pledged. Thus it will be seen that the Permanent Improvement Department commences the New Year in easy shape financially, as all expenses have been paid, or provided for, whereas the beginning of 1916 found a cash balance of

\$6,380.25 and outstanding contracts for work started of 87,393.93.

There are a number of held-up petitions for the permanent improvement of streets, and your Committee will give them such attention as the means put at their disposal for 1917 will admit of.

#### CITY STABLE AND LOT

During the year considerable improvements have been made to the stable buildings, by the addition and repair of stalls, the sale of rubbish and the general cleaning up of the premises. The safety of the stock and comfort of the employees demands a new brick stable at the earliest possible moment, and your Committee recommends the same for serious consideration. For years the department rented a large lot nearly opposite the stable, and as this property was put up for sale at auction, the City purchased it at the very reasonable price of \$4,705. A number of old mules were sold last spring and seventeen new ones purchased, thus increasing the number from 48 to 53. The physical condition of the stock is good and they are well cared for in all respects. Although feedstuffs advanced in price, the report shows the average cost per month per head was only \$11.54, as against \$13.14 in 1915, and so far as we can ascertain this economical feeding cannot be duplicated by any public or private institution in the City.

#### MISCELLANEOUS

There are two constructive measures that the Street Department has given much thought and attention to; the chief one is the new law relating to pavements, and we are glad to report good headway and an almost unanimous



public sentiment behind the movement. If the Constitutional amendment becomes a reality, the problem of permanent street improvement will be solved for all time, and in a few years the City's thoroughfares will equal those of any City of similar size and resources.

The other main objects is the installation of an Incinerator for the destruction or utilization of garbage and refuse. This measure is in its last stages of consummation and should be in operation by the early summer of 1917.

In conclusion, we wish to commend the zeal and efforts of the City Engineer and all of his office and field assistants; also the foremen and helpers in the various departments, who, without exception, have rendered conscientious and effective assistance in the promulgation of the City's work.

Respectfully submitted,

W. L. DOUGLAS,  
*Chairman of Committee on Streets.*

# REPORT OF CITY ENGINEER TO COMMITTEE ON STREETS

, Charleston, S. C., January 2, 1917.

*Alderman W. L. Douglas, Chairman,  
Committee on Streets.*

*Dear Sir:*

I have the honor to submit the following Annual Report of the operations and expenditures of the Street Department for the year 1916, including a list of contracts awarded during the year, a record of the work accomplished in the Departments of "Highway Improvement," "Highway Maintenance," "Garbage Collection" and "Street Cleaning" and finally a statement of Receipts and Expenditures as prepared by the Clerk of the Street Department.

## CONTRACTS AWARDED

After due advertisement the following contracts were awarded for 1916:

### Concrete Sidewalks—5-year Guarantee:

Charleston Engineering & Contracting Co., Charleston, S. C.:  
3-inch base, 1-inch top, labor and material, exclusive of  
grading, per square yard .....\$ .88

### Laying Blue Stone Flag Sidewalks:

James Begley, Contractor, Charleston, S. C.

1. Removing old brick walks and piling debris outside  
of curb, per square yard .....\$ .05
2. Grading, including spreading of filling, if any, and  
laying flags furnished by the City at site. Per  
square yard ..... .40

**Setting Granite Curb:**

James Begley, Contractor, Charleston, S. C.

1. Taking up old brick curb, if ordered, per lineal foot.....	\$ .03
2. Taking up old stone curb, if ordered, per lineal foot.....	.04
3. Taking up old wood curb, if ordered, per lineal foot.....	.01
4. Setting 10-inch Granite curb, per lineal foot.....	.05
5. Setting 14-inch Granite curb, per lineal foot.....	.05
6. Setting 16-inch Granite curb, per lineal foot .....	.05
7. Setting 18-inch Granite curb, per lineal foot .....	.05

**Constructing Pipe Drains and Appurtenances (labor and materials).**

Charleston Engineering & Contracting Co., Contractor, Charleston, S. C.:

Diameter—Inches.	Depth in feet from surface of ground to flow line of drain					
	11 to 13	9 to 11	7 to 9	5 to 7	3 to 5	1 to 3
24 D. S. ....	\$4.50	\$4.00	\$3.50	\$2.50	\$2.00	.....
18 D. S. ....		2.50	1.90	1.55	1.25	.....
15 S. S. ....		2.10	1.50	.95	.75	.....
12 S. S. ....		1.95	1.35	.80	.60	\$ .50
10 S. S. ....			.90	.60	.55	.45
8 S. S. ....			.80	.50	.30	.25
6 S. S. ....			.70	.40	.25	.20

"D. S." means double strength; "S. S." means single strength.

**MANHOLES.**

Inside Diameter	Depth from surface of ground to bottom of manhole.				
	6 ft. and less.	6 to 8	8 to 10	10 to 12	12 to 14
4.0 feet .....	\$30.00	\$35.00	\$40.00	\$45.00	\$60.00
5.0 feet .....	45.00	50.00	60.00	70.00	80.00

**INLET BASINS**

Depth from surface of ground to inlet bottom.

4 feet and less .....	\$ 7.00
4 to 5 feet .....	8.00

**ADDITIONAL FOR SUBSTITUTING CAST IRON PIPE FOR TERRA COTTA PIPE, PER FOOT**

24 inch .....	\$ 1.75
18 inch .....	1.25
15 inch .....	1.00
12 inch .....	.80
10 inch .....	.60
8 inch .....	.50
6 inch .....	.35

Bottom plank, 2x12 inches, with accompanying mud sills, wedges, and additional excavation, per lineal foot....	\$ .09
Ditto, 3x12 inches .....	.12
Ditto, 3x8 inches. doubled .....	.15

**Pile Bents, Including Caps and Stringers:****Drawing No. 1—**

Piles, 4x6 in.x10 ft. below cut-off, per bent .....	2.75
Piles 4x6 in.x15 ft. below cut-off, per bent .....	3.25
Piles 4x6 in.x20 ft. below cut-off, per bent .....	3.75

**Drawing No. 2—**

Piles 4x6 in.x10 ft. below cut-off, per bent.....	2.75
Piles 4x6 in.x 15 ft. below cut-off, per bent.....	3.25
Piles 4x6 in.x20 ft. below cut-off, per bent .....	3.75

**Drawing No. 3—**

Piles 6x6 in.x10 ft. below cut-off, per bent .....	3.00
Piles 6x6 in.x15 ft. below cut-off, per bent.....	3.50
Piles 6x6 in.x20 ft. below cut-off, per bent.....	4.00

Sheet piling left in place, if ordered, per 1,000 ft. B. M.....	14.00
Removing old brick drains, per lineal foot .....	.10
Removing old pipe drains, per lineal foot .....	.10
Removing old manholes, per manhole .....	nothing
Removing old inlet basins, per inlet basin .....	nothing
Cutting opening in old manhole for connection with new drain, per opening .....	1.00
Cutting opening in old pipe drain, per opening.....	1.00
Reduction per manhole, if City furnish casting.....	5.00
Reduction per inlet basin, if City furnish casting.....	2.00
Extra excavation ordered, per cubic yard .....	.25
Extra concrete ordered, per cubic yard .....	5.00
Extra brickwork ordered, per cubic yard .....	5.00

**Furnishing Granite Curb, F. O. B. Charleston, S. C.:**

H. F. Wheeler Granite Quarries, Contractor, Laurens, S. C.

**Straight Curb, 4 inches thick—**

10 inches deep, per lineal foot .....	\$ 0.195
14 inches deep, per lineal foot .....	0.215
16 inches deep, per lineal foot .....	0.225
18 inches deep, per lineal foot .....	0.23

**Circular Curb, 4 inches thick, 8 ft. radius, 4 ft. 2 in. sections—**

10 inches deep, per lineal foot .....	\$ 0.295
14 inches deep, per lineal foot .....	0.315
16 inches deep, per lineal foot .....	0.325
18 inches deep, per lineal foot .....	0.33

**Hauling Curb:**

H. W. Bischoff, Contractor, Charleston, S. C.

Per ton, 2,000 pounds .....	0.50
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Furnishing Terra Cotta Pipe and Specials car lots F. O. B. Charleston, S. C.:

Carolina Portland Cement Company, Contractor, Charleston, S. C.

MONTAGUE & CO.'S PIPE.

Diameter	Pipe	Specials
8 Inches.....	11 9-10c per foot.....	\$0.54 each
10 Inches.....	17 1-2c per foot.....	0.77 each
12 Inches.....	22 9-10c per foot.....	0.98 each
15 Inches.....	33 7-10c per foot.....	1.55 each
18 Inches.....	47c per foot.....	1.98 each
24 Inches.....	88c per foot.....	3.30 each
30 Inches.....	\$2.00 per foot.....	.....

For double strength 18-inch, 24-inch and 30-inch, add to above figures 25c, 32c, 42c, respectively.

Hauling Terra Cotta Pipe:

H. W. Bischoff, Contractor, Charleston, S. C.

8 inch, per joint .....	3½c
10 inch, per joint .....	5c
12 inch, per joint .....	6½c
15 inch, per joint .....	9c
18 inch, per point .....	12c
24 inch, per joint .....	15c
30 inch, per joint .....	20c

Furnishing Oyster Shell:

W. E. Wingate, Contractor, Charleston, S. C.

On lighters at landing, per cubic yard ..... \$1.00

Lumber:

Halsey Lumber Company, Contractor, Charleston, S. C.

"Merchantable," delivered, per 1,000 ft. B. M. .... \$16.75

Iron Castings:

Charleston Iron Works, Contractor, Charleston, S. C.

Per pound, delivered ..... 1¾c

Crushed Rock:

Van-Smith Building Material Co., Contractor, Charleston, S. C.

2-inch, per ton .....	\$ 1.65
1½-inch, per ton .....	1.75
¾-inch, per ton .....	1.85
Screenings, per ton .....	1.15

**Building Brick:**

Carolina Portland Cement Co., Contractor, Charleston, S. C.

"Summerville" brick, "Selected Hard,"—

Car lots, F. O. B. Charleston, S. C., per 1,000 .....\$ 8.50

Ditto, "Run of Hard," per 1,000 ..... 7.50

**Cement:**

Carolina Portland Cement Co., Contractor, Charleston, S. C.

"Old Dominion," in cotton sacks, per cwt., delivered .....\$ 0.42

Sacks, to be returned or paid for at 10c apiece.

**Lime:**

Carolina Portland Cement Co., Contractor, Charleston, S. C.

Tennessee Lime, per cwt., delivered .....\$ 0.44

**Implements:**

M. H. Lazarus Co., Contractor, Charleston, S. C.

Brooms, "Hvass," 6 row, 16-inch, double hole, black bass,

7-inch, per dozen .....\$ 9.00

Broom handles, per dozen ..... .75

Forks, bronzed, 6-tine, long strap, per dozen ..... 9.00

Fork handles, per dozen ..... 1.50

Shovels, D-handles, Hubbard No. 5, "The Wier," per dozen.... 9.00

**Horse-Shoeing:**

Leonard & Magrath, Contractor, Charleston, S. C.

Per head, per month.....\$ 0.95

**Wheelwright Work:**

H. Stenken & Co., Contractor, Charleston, S. C.

**Harness Work:**

A. R. Thomlinson, Contractor, Charleston, S. C.

No paving bids were asked in 1916. A large portion of the paving work of this year originated in 1915 and the balances was accepted by the contractor under the favorable prices of 1915.

**IMPROVEMENTS**

*Roadways*—The beginning of the year found paving work in progress on the sheet asphalt roadway on Meeting

Street, between Shepard Street and the city boundary. Preliminary work, preparatory to paving with asphalt, had also been done on the following streets:

Pinckney Street, from Meeting to Church.

Lamboll Street, from Meeting to King.

St. Michael's Alley, from Meeting to Church.

President Street, from Doughty to Spring.

To this list was added during 1916 the following streets:

Cannon Street, from King to Rutledge.

Cannon Street, from Ashley to Chinquapin.

Chinquapin Street, from Cannon to Spring.

Charlotte Street, from Meeting to Alexander.

As the area of these additional streets was comparatively small and as the prices of the previous year were considered quite favorable, the contractor agreeing, it was decided to extend the 1915 contract to include these roadways.

Considerable delay was experienced in the prosecution of the work and at present there still remains unfinished portions of Cannon and President Streets and all of Charlotte Street. The difficulty experienced by the Charleston Consolidated Railway and Lighting Company in obtaining shipments of steel for the reconstruction of its tracks in President Street and in Charlotte Street delayed the commencement of paving construction and even at this writing fishplates ordered last June for the Charlotte Street track, have not yet been delivered.

On the Improvement work brought over from 1915 there has been paid during the year, as will appear from the Clerk's report, \$87,393.93. The President Street improvement being yet unfinished and the Street Railway's portion of same not yet collected. On the new work ordered in

1916, there has been paid \$32,553.98, making a total paid, during 1916, for Roadway Improvement, including drains. \$119,947.91, including \$237.95 expended on shell roadways in the Boulevard area, and \$558.42 expended on "non-abutting roadways," such as granite block roadway on Pinckney Street, from Church to Anson, where cobble stone paving had been torn up with the intention of laying sheet asphalt, the order for which was later countermanded and the roadway, then unpaved, ordered paved with granite blocks.

*Curbing*—Of this form of improvement there was laid, or relaid, during 1916 a total of 31,900 feet, or a little more than six miles, costing \$8,169.93, including "Rose Garden" curb, and including also cost of about 1,500 feet of curb now at City Lot.

*Sidewalks*—Concrete sidewalks to the extent of 4,945 square yards were laid, in addition to which a considerable area, very near completion, has been laid and partially paid for, but not finally inspected and measured. In the Rose Garden tract, \$3,591.34 was expended by the General Realty & Investment Co. for concrete sidewalks. One-half of this amount will be refunded to the company by the City as the lots are built up. On several streets, the roadways of which were improved, under the "abutting property law," it was necessary to adjust the sidewalks, for the improvement of which no petition had been received, and this work, including 495 square yards of flag, is reported as "Sidewalks non-abutting," and amounts to \$749.98.

*Drain Construction*—For this form of public improvement, there was expended a total of \$22,977.42, of which the largest single item, \$8,547.58, included the extension of drainage facilities to the boundaries of the "Rose Garden Tract," a recently developed area. The cost of drain



construction within this tract was assumed by the owners of the tract who will be reimbursed by the City to the extent of \$8,112.77, as the lots are built upon.

The Hampton Park Terrace Tract, under an agreement similar to the above, was paid \$1,798.99 for drains laid prior to the development. There yet remains to be paid, as additional lots are built upon, the sum of \$6,360.00.

The old drains on Cannon Street, President Street and Chinquapin Street, which were in unsatisfactory condition, as to size and grade, were reconstructed in advance of the roadway improvement, at a cost of \$8,984.88.

In the Boulevard area \$2,572.46 was expended for drainage, and this, together with \$1,073.50 for a drain on Moultrie Street, completes the list of drainage expenditures.

The improvement work up to December 31, 1916, include:

CURB

	Feet
Alway Street, South Side, Nunan to Chestnut.....	846.0
Cannon Street, North Side, Ashley to Chinquapin .....	2,211.1
Cannon Street, Both Sides, Rutledge to King .....	4,957.4
Chesnut Street, East Side, Alway to Ashton .....	235.3
Charlotte Street, Both Sides, Meeting to Alexander.....	2,787.3
Congress Street, North Side, Oak to King .....	341.3
Council Street, East Side, Gibbes Northward.....	109.5
Cypress Street, Both Sides, King to Rutledge .....	2,018.4
Doughty Street, South Side, Ashley to Lucas .....	692.0
Doughty Street, North Side, Ashley to President.....	832.0
Doughty Street, South Side, Lucas to President .....	230.0
Fishburne Street, North Side, Rutledge to Larnes .....	238.6
Gibbes Street, South Side, Rutledge to Council .....	357.5
Huger Street, South Side, King to Oak .....	250.5
King Street, West Side, Poplar to Cypress .....	905.0
King Street, West Side, Simons to Southward .....	100.0
Lamboll Street, South Side, King to Meeting.....	485.0
Lucas Street, East Side, Doughty to Palmetto .....	211.0
Lucas Street, East Side, Mill to Palmetto.....	303.0
Maple Street, Both Sides, King to Rutledge.....	1,977.0
Maveric Street, South Side, King to Rutledge .....	714.3
Oak Street, East Side, Huger to Congress .....	412.0

Perry Street, East Side, Carolina to Sumter .....	267.0
Pinckney Street, Both Sides, Meeting to Anson.....	1,019.0
Poplar Street, Both Sides, King to Rutledge.....	1,976.5
President Street, Both Sides, Doughty to Spring .....	3,141.0
Rutledge Ave., East Side, Cypress to Simmons .....	1,063.9
Simmons Street, South Side, King Westward .....	113.0
Simmons Street, North Side, East and west of Tracy.....	195.8
St. Michael's Alley, Meeting to Church .....	331.0
Tracy Street, Both Sides, Simmons to Cypress.....	1,826.1
Tradd Street, North Side, Ashley to Chisolm .....	487.6
Tradd Street, North Side, Rutledge to Colonial .....	217.5
Total.....	Feet, 31,846.6

## CONCRETE SIDEWALKS

	Sq. Yds.
Cypress Street, Both Sides, King to Rutledge .....	899.2
King Street, West Side, Cypress Northward .....	51.4
King Street, West Side, Cypress to Maple .....	102.2
King Street, West Side, Poplar to Maple .....	102.2
King Street, West Side, Poplar to Simmons .....	51.2
Maple Street, Both Sides, King to Rutledge .....	898.1
Poplar Street, Both Sides, King to Rutledge .....	896.6
Rutledge Ave., East Side, Cypress to Simmons .....	378.8
Rutledge Ave., East Side, Maveric to Moultrie .....	246.8
Simmons Street, North Side, East and west of Tracy .....	72.5
St. Philip Street, Both Sides, Spring to Bogard .....	426.8
Tracy Street, Both Sides, Maple to Cypress .....	204.4
Tracy Street, Both Sides, Simmons to Cypress .....	512.9
Tracy Street, Both Sides, Northward .....	101.9
Total .....	Sq. Yards 4,945.0

## SHEET ASPHALT ROADWAYS.

	Sq. Yds.
Cannon Street, from Ashley to Chinquapin .....	5,919.3
Cannon Street, from King to Rutledge .....	8,556.2
Chinquapin Street, from Cannon to Spring .....	966.7
King Street, from South Battery to Ladson .....	1,165.1
Lambol Street, from Meeting to King .....	663.1
Liberty Street, from King to St. Phillip .....	1,324.4
Meeting Street, from Sheppard to North of Hampton (prior to January 1916) .....	13,862.4
Meeting Street, from North of Hampton to City Boundary.....	17,474.4
Pinckney Street, from Meeting to Church .....	1,662.4
President Street, incomplete .....	5,550.2
St. Michael's Alley, From Meeting to Church .....	683.6
Total.....	Sq. Yards 57,827.8

## DRAINS

Cannon Street, from St. Philip to Coming.....	422.3	18-in.
Cannon Street, from Chinquapin to President .....	631.2	18-in.
Cannon Street, from President to Islington .....	530.0	15-in.
Cannon Street, from Islington to Ashley .....	308.6	15-in.
Chinquapin Street, from Spring to Cannon .....	302.6	18-in.
Cypress Street, from King to West of Tracy .....	748.1	15-in.
Cypress Street, from West of Tracy to Rutledge.....	260.8	12-in.
Gibbes Street, from Rutledge to Tradd .....	582.2	15-in.
King Street, from Romney to Poplar .....	547.2	24-in.
King Street, from Poplar to North of Cypress .....	704.0	18-in.
Mill Street, from President to Creek.....	82.5	18-in.
Maple Street, from King to West of Tracy .....	747.4	15-in.
Maple Street, from West of Tracy to Rutledge.....	262.1	12-in.
Moultrie Street, from Ashley to President .....	820.7	15-in.
Pinckney Street, from Meeting to Anson .....	722.0	18-in.
Poplar Street, from King to West of Tracy .....	745.8	15-in.
Poplar Street, from West of Tracy to Rutledge .....	264.2	12-in.
President Street, from Cannon to Mill .....	1,576.0	18-in.
President Street, from Cannon to Spring .....	393.8	24-in.
Romney Street, from Meeting to King .....	1,064.6	24-in.
Romney Street, from Meeting to King (Cast iron)....	36.0	24-in.
Rutledge Ave., from S. of Poplar to N. of Cypress....	876.0	10-in.
Simmons Street, from Tracy to King.....	481.0	18-in.
Simmons Street, from Tracy Westward .....	153.3	15-in.
South Bay Street, from Rutledge to Ashley .....	587.5	15-in.
Tracy Street, from Cypress to Maple .....	286.0	12-in.
Tracy Street, from Maple to Poplar .....	285.6	12-in.
Tracy Street, from Poplar Southward .....	199.6	12-in.
Tracy Street, from Simmons Northward .....	191.7	12-in.
Total.....	Feet 14,812.8	

## MAINTENANCE—ROADWAYS

For the maintenance of roadways the Department expended during 1916 a total of \$8,006.52, of which \$3,765.95 was expended on approximately nineteen miles of granite block and cobble roadways, or about \$198.20 per mile. The amount expended on this class of roadway represents the work of a paving gang, consisting of one paver, one rammer, one helper and one cart during seventy weeks, or the

full time of one such gang and one-third the time of a second gang during the year working full time.

The amount expended on repairs for vitrified brick roads was \$584.65, or \$99.09 per mile. On clay-gravel roadways, of which we have five miles, there was expended \$154.15, or \$30.83 per mile, and for 4.3 miles of macadam roadways \$460.13 was expended, or about \$107.00 per mile.

As reported last year, our clay-gravel and macadam roadways have passed beyond the stage of repairs and have now become reconstruction propositions. In the case of the clay-gravel roads, the condition is acute and deserves early attention. It would be doubtful economy to relay clay-gravel, which is not suitable for city streets under modern conditions; far preferable would it be to substitute sheet asphalt at once without further expenditures for repairs, which, without unreasonable cost, cannot render these roadways satisfactory for even a short time. Under these conditions it would be wise to encourage "abutting property" petitions for streets now or formerly paved with clay-gravel. The same argument applies to the macadam roadways, although the conditions are not as acute with these as with the clay-gravel.

Shell roads, of which we have several short stretches, required \$1,021.34 for labor and material and are now in very fair condition.

For shaping and dressing up earth roads there was expended \$1,991.25.

The above expenditures maintained our roadways, except the clay-gravel streets, in fairly good condition; not, however, in first-class condition, as we would like to see them. To accomplish a first-class result with nineteen miles of granite and cobble, 15 to 20 years old, without concrete base, six miles of vitrified brick, 5 to 10 years old, without concrete base, five miles of clay-gravel, four miles of shell

and thirty miles unimproved roadways, would require many times the above expenditures.

Repairs to streets for plumbers, public service corporations, contractors, etc., cost \$4,645.93, for which the Department has been or will be reimbursed.

#### SIDEWALK REPAIRS

Repairs to sidewalks cost as follows:

Brick .....	\$ 782.75
Concrete .....	210.40
Flag .....	287.15
Earth .....	724.40
Curb .....	139.15
<hr/>	
Total.....	\$2,143.85

#### DRAIN REPAIRS AND MAINTENANCE

The cost of repairing and maintaining drains during 1916 was \$4,055.85, by far the greater part of which was expended for removing sand from drains mostly on unimproved or earth streets.

#### GARBAGE COLLECTION

The number of carts employed for the collection of garbage varies with the seasons, and during 1916 averaged about 28.5 carts per morning, and about 23.8 carts per afternoon work. The practice of dumping garbage on salt water marshes was continued during the year, but tentative plans were made for the purchase of an Incinerator, or Destructor, in the early part of the present year. A "Clean-up Week," in August, following closely upon the storm of July, severely taxed the Garbage and Street Cleaning departments. Following the storm the material moved by

the Garbage Department rose from about 180 loads per day to 446 loads per day, while the "Clean-up Week" reached a maximum of 478 loads per day. During this time of stress and for the rest of the summer, garbage was collected daily instead of three times per week, and it was necessary to supplement the City's equipment with hired carts to the extent of \$923.75.

The following table shows the amount of garbage moved per month, the average number of garbage carts working per day for each month of the year and the average number of loads hauled per cart per day:

Month	Total Loads Garbage	Average No. Carts per day		Average No. Loads per day		Average No. Loads per cart per day	
		A. M.	P. M.	A. M.	P. M.	A. M.	P. M.
January .....	4,032	27.0	24.3	91.4	63.7	3.4	2.6
February .....	3,641	24.9	22.1	84.8	56.8	3.4	2.6
March .....	3,677	25.1	20.2	82.5	53.8	3.3	2.6
April .....	3,551	25.8	22.2	83.9	53.1	3.3	2.6
May .....	4,007	25.2	23.4	82.4	66.0	3.3	2.5
June .....	3,929	26.7	21.7	87.4	63.7	3.3	2.9
July .....	6,316	30.9	29.5	112.5	126.0	3.6	4.3
August .....	8,771	36.6	35.3	154.7	170.1	4.2	4.8
September .....	5,635	34.0	29.2	125.0	91.7	3.7	3.1
October .....	4,307	30.5	20.6	100.5	65.2	3.3	3.2
November .....	3,681	27.8	18.1	88.8	52.7	3.2	2.9
December .....	3,461	27.0	18.8	87.1	52.7	3.2	2.8
Total .....	54,908						

	Loads
Total garbage moved, 1916, (loads, 1 cubic yard each).....	54,908
Total garbage moved, 1915, (loads, 1 cubic yard each).....	50,129
Excess of 1916 over 1915 .....	4,779
Dead dogs hauled from the Pound .....	129
Material hauled for the Highway Department .....	738
Loads of sawdust hauled for bedding .....	173
Loads of manure sold .....	364

The "Dead Animal Contractor" moved the following dead animals during the year:

Month	Horses	Mules	Cows	Calves	Total
January .....	17	4	..	..	21
February .....	17	..	..	..	17
March .....	13	..	..	1	14
April .....	9	5	1	1	16
May .....	5	7	2	1	15
June .....	6	5	..	1	12
July .....	7	3	..	..	10
August .....	17	7	1	..	25
September .....	11	5	2	..	18
October .....	15	8	1	..	24
November .....	11	14	1	..	26
December .....	16	6	..	..	22
Total .....	144	64	8	4	220

The price paid for hay, oats and corn, purchased monthly, after due advertisement, are as follows:

Month	Corn, per bushel	Hay, per 100 lbs.	Oats, per bushel
January .....	\$0.85	\$0.89	\$0.52
February .....	0.88	0.93	0.57
March .....	0.90	1.03	0.55½
April .....	....	0.91½	0.53½
May .....	....	1.08	0.54¾
June .....	....	1.17½	0.52¾
July .....	....	1.32	0.58
August .....	....	0.94	0.54
September .....	....	1.23	0.61
October .....	....	0.92	0.58
November .....	....	0.92	0.64½
December .....	1.17	1.05	0.68

The cost per head for feeding the stock at City Stables during the year was by, months, as follows:

January .....	\$11.60	July .....	\$12.18
February .....	11.61	August .....	10.79
March .....	12.50	September .....	12.41
April .....	11.46	October .....	11.37
May .....	8.84	November .....	11.87
June .....	10.27	December .....	13.55
Average for the year ..... \$11.54 per head			

During the year the following equipment was purchased:

Fifty canvas cart-covers, eight sets single harness, one set double harness, eight saddle pads, eight canvas-covered steel dump carts (not yet delivered) and seventeen mules.

Seven mules were sold and three mules died during the year.

In March, 1916, the exclusive privilege of recovering old metals, bottles and other waste material from the "Dump" was let, after public advertisement, to the Palmetto Bag & Waste Company, for the sum of \$90 per month. Recovery of waste materials had been practiced at the "Dump" for years, but heretofore the City had derived no revenue from same. During the summer the main building at the City Stables was repaired to the extent of \$1,056.47.

The expenditures were as follows (Garbage Collection):

Wages .....	\$18,182.16
Maintenance .....	4,224.32
New Equipment .....	3,750.50
Forage .....	4,858.85
<b>Total.....</b>	<b>\$31,015.83</b>

#### STREET CLEANING

During 1916 a change was made in the organization of the Street Sweeping forces which previously had comprised one machine-broom gang, consisting of one foreman, ten hand-broom men and one 2-horse machine-broom, one sprinkler and five carts in addition to seventeen bag men. Under the new arrangement there are two machine-broom gangs, composed as stated above, and nine bag men, the latter being used in the neighborhood of the hotels, the Union Station and in the shopping district.



For sweeping purposes the City is divided into Eastern and Western districts. The streets in each district being swept in accordance with the following schedule:

## EASTERN DIVISION

Street	From	To	No. Times per week.
Alexander, N.	Calhoun	Chapel	3
Alexander, S.	Calhoun	Laurens	1
America	Amherst	Mall	1
Ann	King	Meeting	2
Anson	Calhoun	Market	3
Bay	Chapel	Blake	1
Broad	King	East Bay	6
Blake	Aiken	Drake	1
Burns Lane	King	Meeting	1
Calhoun	King	Concord	2
Chalmers	Meeting	State	1
Charlotte	Meeting	Alexander	6
Church	Broad	Water	6
Church	Water	S. Battery	6
Church	Broad	Queen	3
Church	Cumberland	Pinckney	2
Columbus	King	Bay	3
Cumberland	Meeting	Church	1
Cumberland	Church	State	1
Cumberland	State	Concord	1
Drake	Columbus	Blake	1
East Bay	Calhoun	E. Battery	3
Elliott	Church	East Bay	1
Exchange	East Bay	Concord	1
George	King	Anson	3
Hasell	King	Meeting	6
Hasell	Meeting	East Bay	1
Hayne	Anson	Meeting	6
Horiback Al.	King	Meeting	1
John and Chapel	King	Washington	1
Lamboll	King	Meeting	2
Laurens	East Bay	Wharf	1
Line	King	Meeting	2
Lodge Al.	East Bay	State	1
Market	King	Meeting	6
Market	Meeting	East Bay	3
Market	East Bay	Concord	1
Market, S.	Meeting	East Bay	1
Mary	King	America	1
Meetings	Calhoun	Broad	6
Meetings	S. Battery	Broad	3
Meetings	Shepard	Calhoun	3
Meetings	Shepard	C. Boundary	3
Pinckney	Meeting	Church	6
Pinckney	Church	East Bay	1
Queen	King	Concord	2
Reid	King	Meeting	1
Society	King	East Bay	6
South	Drake	America	1
Spring	King	Meeting	1
State	Broad	Market	3
St. Michael	Meeting	Church	2
Tradd	King	Concord	2
Unity Al.	East Bay	State	1
Washington	Calhoun	Chapel	1
Water	Meeting	East Bay	3
Wentworth	King	East Bay	6
Woolfe and Amherst	Meeting	Bay	1

## WESTERN DIVISION

Street	From	To	No. Times per week.
Archdale.....	Beaufain.....	Clifford	1
Beaufain.....	Gadsden.....	King	1
Bennett.....	Rutledge.....	Ashley	2
Beresford.....	Archdale.....	King	1
Bogard.....	Rutledge.....	Ashley	2
Broad.....	King.....	Ashley	6
Calhoun.....	King.....	Lucas	2
Cannon.....	Chinquapin.....	King	6
Chinquapin.....	Spring.....	Cannon	6
Cleveland.....	Rutledge.....	King	1
Clifford.....	Archdale.....	King	2
George.....	Coming.....	St. Philip	1
George.....	King.....	St. Philip	6
Gibbes.....	Legare.....	Westward	1
Glebe.....	Wentworth.....	George	3
King.....	Line.....	Broad	6
King.....	Broad.....	S. Battery	2
King.....	Line.....	C. Boundary	2
Legare.....	Queen.....	S. Battery	2
Liberty.....	King.....	St. Philip	6
Limehouse.....	Tradd.....	Southward	3
Line.....	Rutledge.....	King	2
Logan.....	Broad.....	Tradd	3
Lucas.....	Mill.....	Calhoun	3
Magazine.....	Archdale.....	Maryck	1
Market.....	Archdale.....	King	2
Morris.....	Rutledge.....	King	2
Orange.....	Broad.....	Tradd	3
Pitt.....	Vanderhorst.....	Calhoun	3
Pitt.....	Wentworth.....	Beaufain	1
President.....	Spring.....	Doughty	2
Princess.....	Archdale.....	King	1
Queen.....	Rutledge.....	Logan	3
Queen.....	Logan.....	King	1
Rose Lane.....	Line.....	Spring	1
Rutledge.....	Tradd.....	Calhoun	6
Rutledge.....	Calhoun.....	Spring	2
Rutledge.....	Spring.....	Cleveland	2
Savage.....	Broad.....	Tradd	3
Sires.....	Bogard.....	Spring	1
Smith.....	Queen.....	Vanderhorst	2
Spring.....	Chestnut.....	King	2
St. Philip.....	Line.....	Beaufain	6
Tradd.....	King.....	Rutledge	3
Wentworth.....	Gadsden.....	King	6

The above schedule provides for an average of 155,000 square yards per day per sweeping gang (consisting of foreman, machine-broom, sprinkler, five carts and ten laborers), or a total of 1,856,000 square yards per week for the two gangs now operating.

The street sweeping gangs collected and removed during 1916 the following:

Street sweepings, loads, 1 cubic yard each.....	7,775	
Sand-pit cleanings, loads 1 cubic yard each .....	1,503	
		9,278
Loads of water, 600 gallons each, used during sweep- ing operations .....		6,876
Loads of grass cut by grass gangs.....		1,203

New equipment purchased as follows:

- 2 Combinations sweeper-sprinklers (not yet delivered).
- 1 Sprinkler (not yet delivered).
- 1 Paper-collecting Cart.

The expenditures were as follows:

(Street Cleaning)

Wages .....	\$23,871.05	
Wages, grass gang .....	3,666.45	
		\$27,537.50
Maintenance .....		1,778.11
New Equipment .....		3,448.40
Forage .....		1,817.21
Sprinkling .....		479.24
Total.....		35,060.46

During the year the Street Department procured a "Reo" touring car, giving \$650.00 and the old "Paige" roadster for same.

The storage lot, on Line Street, which the City rented for years, was purchased last summer for \$4,738.95.

In the "Garbage," "Street Cleaning," and "Highway Maintenance" departments there are fifty mules and three horses a total of fifty-three head of live stock. The report of the Veterinarian, under date of January 1, 1917, states the condition of the stock as follows:

Excellent working condtion .....	43	Mules
Excellent working condtion .....	3	Horses
Fine conditition, except for sore on back .....	2	Mules
Good working condition, except for enlargement above right hind foot .....	1	Mule
Lame in stifle joint (will recover) .....	1	Mule
Sore in right hind foot, otherwise fine condition.....	1	Mule
Rupture ligament left hind ankle, recommended to be sold .....	1	Mule
Old and very thin, recommended be sold .....	1	Mule
<b>Total</b> .....	<b>53</b>	

## Live stock reported January, 1916:

Mules .....	43	
Horses .....	3	
	—	46
Sold .....	7	
Died .....	3	
	—	10
		—
Purchased .....		36
		17
<b>Total, January, 1917</b> .....		<b>53</b>

Harness in "Garbage," "Street Cleaning," and "Highway Maintenance" departments as follows:

Single harness, in fair condition .....	33
Double harness, in fair condition .....	9
Buggy harness, in fair condition .....	2
Buggy harness, in bad condition .....	3
Halters, in fair condition .....	53

The "Garbage Collection" Department is credited with the following equipment:

Mules .....	33
Horses .....	3
Buggies .....	2
Steel Dump Carts, good condition .....	10
Steel Dump Carts, fair condition .....	7
Steel Dump Carts, condemned .....	1

Steel Dump Wagon (double team) .....	1
Wooden Dump Carts, good condition .....	14
Wooden Dump Wagons, fair condition .....	2
Paper collection Cart, good condition .....	1

(Note.—In addition to the above, eight covered, steel dump carts have been ordered, but not yet delivered.)

The "Street Cleaning" Department is credited with:

Mules .....	16
Two-horse machine brooms, fair condition .....	3

(Note.—In addition to the above, 2 two-horse combination sweepers and sprinklers have been ordered, but not yet delivered.)

Wooden Dump Carts .....	8
Two-horse street sprinklers (600 gallons each) .....	4

(Note.—In addition to the above, 1 additional, 600-gallon street sprinkler has been ordered, but not yet delivered.)

Cans for patrol sweepers .....	44
Can carriers .....	11
Bag carriers .....	7
Hand "Pick-up" machine sweepers .....	12

The "Highway Maintenance" Department is credited with:

Mule .....	1
Wooden dump cart .....	1
Steel dump cart .....	1
Double truck .....	1
Dray .....	1
Two-horse roller .....	1
15-ton steam roller .....	1
5-ton steam roller .....	1
Hand roller .....	1
Asphalt surface heater .....	1
Asphalt kettle on stand .....	1
Asphalt kettle on wheels .....	1
Asphalt ladle .....	1
Asphalt pot .....	1
Stewart drain-cleaning apparatus, windlass, rope, buckets, drain-cleaning rod, tools for same, etc. ....	—
Brick-testing rattler .....	1

Blacksmith outfit; forage tools, etc. ....	—
Drill press and drills .....	—
Cross-cut saws .....	4
Hand saws .....	1
Shovels .....	12
Axes .....	7
Crowbars .....	6
Mattocks .....	2
Iron wheelbarrows .....	5
Maul .....	1
Two-inch hose, lineal feet .....	150
Forks .....	2
Iron rammers .....	4
Wooden rammers .....	6
Pickaxes .....	12
Adzes .....	2
Scoops .....	8
Sledges .....	2
Pavers' rammers .....	2
Pitchforks .....	2
Hatchet .....	1
Hoes .....	6
Mortar Hoe .....	1
Buckets .....	4
Rakes .....	2
Spirit levels .....	2

The following construction material is on hand:

Building brick, "Summerville" .....	2,500
Building brick, Old .....	2,500
Vitrified paving brick, "Catskill" .....	1,500
Vitrified paving brick, "Mack" .....	1,000
Cast iron drain manhole rings, with covers .....	8
Cast iron sewer manhole rings, with covers .....	2
Inlet castings, 18x24 inches .....	2
Inlet castings, 24x24 inches .....	12
Inlet castings, old .....	120

	Pieces
Terra cotta drain pipe, 30-inch .....	17
Terra cotta drain pipe, 30-inch wyes .....	7
Terra cotta drain pipe, 24-inch .....	45
Terra cotta drain pipe, 24-inch wyes .....	6
Terra cotta drain pipe, 18-inch .....	150
Terra cotta drain pipe, 18-inch wyes .....	20
Terra cotta drain pipe, 15-inch .....	100

Terra cotta drain pipe, 15-inch wyes .....	60
Terra cotta drain pipe, 12-inch .....	100
Terra cotta drain pipe, 12-inch wyes .....	15
Terra cotta drain pipe, 10-inch wyes .....	5
Terra cotta drain pipe, 8-inch .....	12
Terra cotta drain pipe, 8-inch wyes .....	80
Terra cotta drain pipe, 6-inch .....	20
Terra cotta drain pipe, 6-inch wyes .....	24
Terra cotta drain pipe, 6-inch bends .....	60
Terra cotta drain pipe, 4-inch bends .....	1

The annual statement of the Receipts and Expenditures of the Street Department, as prepared by Mr. Jacob Williman, Clerk, Street Department, is as follows:

### EXPENDITURES

#### For Scavengering—

Wages .....	\$18,182.16
Maintenance .....	\$ 4,224.32
New equipment .....	3,750.50
	<hr/> 7,974.82
Forage .....	4,858.85
Total Scavengering .....	<hr/> \$31,015.83

#### Street Cleaning—

Wages .....	\$23,871.05
Wages, grass gangs .....	3,666.45
	<hr/> \$27,537.50
Maintenance .....	\$ 1,778.11
New equipment .....	3,448.40
	<hr/> 5,226.51
Forage .....	1,817.21
Sprinkling .....	479.24
Total street Cleaning .....	<hr/> 35,060.46

#### For Highways, Maintenance and Repairs—

Sidewalk repairs, brick .....	\$ 782.75
Sidewalk repairs, concrete .....	210.40
Sidewalk repairs, dirt .....	287.15
Sidewalk repairs, flag .....	724.40
	<hr/> \$ 2,004.70
Curbing repairs .....	139.15

Street paving repairs, block and cobble .....	\$ 3,765.95	
Street paving repairs, brick .....	584.65	
Street paving repairs, clay-gravel..	154.15	
Street paving repairs, macadam....	460.13	
street (King) paving repairs, wood .....	29.05	
		4,993.93
Roadways repairs, earth .....	\$ 1,991.25	
Roadways repairs, shell .....	1,021.34	
		3,012.59
Drain repairs .....		4,055.85
Miscellaneous repairs to streets for Public Service Corporations, Plumbers, Contractors, etc. ....		4,645.93
General Expenses as follows:		
Salary, Clerk, Street Department..	\$ 1,500.00	
Car tickets, for ge'l foreman, etc....	150.00	
Printing, stationery, postage, advertising, office expense, etc....	649.62	
Maintenance and repairs to Auto....	600.32	
(Net) Cost of new Auto .....	665.00	
Maintenance and repairs to rollers	91.05	
Hardware, etc., for use by City repair gangs .....	157.57	
Forage (one animal) .....	139.42	
Shoeing (one animal) .....	11.60	
Veterinary (one animal) .....	9.00	
Amount turned over to Second Presbyterian Church Corporation, for repairs to wall on Charlotte Street .....	90.00	
Repairs made by plumber (P. J. McClosky), horse troughs, stand pipes, etc. ....	57.37	
Boots (for drain work).....	13.00	
Rent of "City Lot," Line Street....	180.00	
Repairs to "City Lot Cart" .....	37.00	
Expense of trips of City Engineer and Chairman of Committee on Streets, for purpose of obtaining information about incinerators .....	88.70	
Pay rolls, labor, filling old fire well, repairing storm damage, extra watchman on steam roller, etc. ....	227.30	
		\$ 4,668.95
Total, Highways Maintenance .....		\$23,521.10



**For Highways, Improvements and New Work—**

New sidewalks (non "Abutting") .....	\$ 749.98
New curbing .....	8,169.93
New street paving (non "Abutting").....	558.42

New asphalt street paving as follows:

Meeting Street (balance) .....	\$54,598.91
Pinckney Street (balance) .....	2,651.94
East and South Battery (balance) .....	2,182.66
Glebe Street (balance) .....	589.57
St. Michael's Alley (balance) .....	1,094.10
Lamboll Street, E. (balance) .....	1,172.87
Smith Street (balance) .....	2,017.89
Liberty Street (balance) .....	411.63
King Street, S. (balance) .....	193.41
President Street (unfinished).....	3,048.46
Rutledge Ave. (concrete sidewalk, Maveric to Moultrie) .....	335.77
	<hr/> \$68,297.21

New asphalt street paving (on 1916 schedule of  
Street Improvements) as follows:

Cannon Street (unfinished) .....	\$18,022.18
Chinquapin Street (unfinished).....	580.02
	<hr/> \$18,602.20
Charlotte Street (unfinished) .....	354.80
New roadways (Boulevard) .....	237.95

New Drains, as follows:

Rose Garden .....	\$ 8,547.58
Cannon Street .....	4,603.95
President Street .....	4,380.93
Gibbes Street .....	1,246.53
Boulevard .....	1,325.93
Hampton Park Terrace .....	1,798.99
Moultrie Street .....	1,073.51
	<hr/> \$22,977.42
Total Improvements .....	<hr/> \$119,947.91

Unexpended balance from "Highways" Re- pairs, etc., returned to City Treasurer....	721.27
Unexpended balance from "Highways Im- provements," etc., carried over to 1917..	25,064.66
	<hr/>
Grand total, 1916 .....	\$235,331.23

## RECEIPTS 1916.

Cash bal, from "Highways Improvements," brought over from 1915 .....	\$ 5,722.02
Cash balance from "New Drains," brought over from 1915 .....	658.23
Cash received from 4 Mill Levy, 1916.....	80,235.83
Cash received from Abutment assessments in 1916 .....	31,378.89
Cash received from Charleston Consolidated Railway & Lighting Co., for its proportion of cost of new asphalt roadways—	
Meeting Street .....	\$26,123.87
King Street .....	686.30
	<hr/> 26,810.17
Cash received for new drain connections 1916 .....	195.00
Cash received for extra concrete sidewalks....	12.43
Total receipts for Improvements.....	<hr/> \$145,012.57
Appropriation for Highways, Maintenance and Repairs, 1916.....	\$23,084.00
Less the following amounts transferred:	
To Scavengering .....	\$1,847.08
To Street Cleaning.....	1,102.24
	<hr/> 2,949.54
Net Appropriation .....	<hr/> \$20,134.46
Cash received from plumbers for miscellaneous repairs to streets.....	1,288.15
Cash received from public service corporations, etc., for miscellaneous repairs to streets .....	2,819.76
Total receipts for Maintenance and Repairs....	<hr/> \$24,242.37
Appropriation for Scavengering, 1916 .....	\$27,960.00
This amount transferred from "Highways Repairs" .....	1,847.08
Total Appropriation, 1916 .....	<hr/> \$29,807.08
Net proceeds for sale of mules, manure, grain bags, etc. ....	691.25
Received from Palmetto Bag & Waste Co., on account of "Dump Privilege".....	517.50
Total receipts for Scavengering .....	<hr/> \$31,015.83
Appropriation for Street Cleaning, 1916 .....	\$33,958.00

This amount transferred from		
Highways "Repairs" .....	1,102.46	
Total Appropriation, 1916.....	<u>\$35,060.46</u>	35,060.46
GRAND TOTAL, 1916 .....		<u>\$235,331.23</u>

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Special appropriation to cover cost of premises on North side of Line Street, known as the "City Lot" .....		\$ 4,900.00
Actual cost of purchase and all incidental expenses thereto attached .....		<u>4,738.95</u>
Cash balance returned to City Treasurer .....	\$	161.05

All of which is respectfully submitted,

J. H. DINGLE,  
*City Engineer.*

# Sewer Department

REPORT OF SEWER DEPARTMENT

Charleston, S. C., February 6, 1917.

*To His Honor the Mayor  
and City Council.*

*Gentlemen:*

We would respectfully transmit the Twenty-second Annual Report of the Sewer Commissioners as fully and concisely as given in the report of the City Engineer in charge, to whose skill and watchful care the success of the system is due. The matter of non-enforcement of City Ordinances remains an obstacle to the Sanitary and Hygienic welfare of our city and to the existence of fatal and preventable diseases. There have been during the year 1916 only 916 permits issued for sewer connections, while over 3,000 privy vaults remain as a menace to health. These conditions should claim attention.

Under direction of your Honorable Body the system is now being extended in the Boulevard area. This work has been delayed by bad weather, but will be prosecuted. Should it be necessary to dispose of any of the balance of \$25,000 of the unsold bonds, it may require some action from the General Assembly as to changing the term of these bonds as they have a comparatively short time to run, having been authorized and issued in 1912. We commend the faithful and efficient service rendered by the City Engineer in charge and the several employees.

Respectfully submitted,  
T. GRANGE SIMONS, M. D.,  
*Chairman Board of Sewer Commissioners.*

## CITY ENGINEER'S OFFICE

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Charleston, S. C., January 2, 1917.

*Dr. T. Grange Simons, Chairman,  
Board of Sewer Commissioners.*

*Dear Sir:*

The Twenty-second Annual Report (1916) of the Sewer Department relative to the operation, maintenance and extension of the Sewerage System during the past twelve months is herewith respectfully submitted.

The system comprises forty-seven miles of sewers, varying in diameter from eight inches to twenty-four inches, together with 733 man-holes, 267 flush-tanks, nine pumping stations and one air compressing plant. Of the nine pumping stations eight are operated by electrically-driven, centrifugal pumps of capacity varying from 500 gallons per minute to 1,400 gallons per minute. The pumps are driven by electrical motors, varying from 10-horse power to 20-horse power, using 110 volt, 60 cycle single-phase, alternating current, which is purchased from the Charleston Consolidated Railway and Lighting Company. The ninth pumping station is operated by compressed air, through Shone Ejectors; the compressed air being supplied by an air-compressing plant in Price's Alley. The entire abandonment of the compressed air method of lifting sewage is under serious consideration and in all probability during the coming year electricity will be substituted in this last remaining compressed air station. The eight electrically-operated pumping stations have worked satisfactorily

during the year, although the pumps have been choked at times by material which householders should have deposited in garbage cans and not in the sewers. Pieces of broomstick, bones and complete articles of wearing apparel have on numerous occasions been removed from the pumps, while chokage in the sewer lines have at times been caused by this same class of material, in addition to bottles and solidified grease.

The difficulty of identifying those who abuse the sewers in this respect, as well as those who surreptitiously dispose of rain water from their yards and roofs through their sewer connections, is apparent, and the only alleviation of the condition seems to be in the education of those who are ignorant of the limitations of our sewerage system and of the regulations governing its use. From those who are negligent, careless or vicious we can expect nothing.

The air-compressing plant and the Shone Ejectors have have been operated during the year without untoward occurrences. The storehouse at the air-compressing plant has been repaired and a new tin roof placed on it and on the building containing the bath and toilet room. In view of the probability of abandoning the plant in the near future, the new corrugated iron roof, which was authorized for the Power House, has not yet been constructed.

Several chokages in the sewer lines have occurred during the year, caused in one case by grease, which completely choked an 8-inch pipe, in another case by half-pint bottles, and yet another by a mass of newspapers which obstructed the flow sufficiently to accumulate floating matter which eventually blocked the sewer. In only one case was it necessary to open the street, the other cases yielding to the sewer cleaning rods.

On only two streets were the sewer lines extended during the year: On Columbus Street, from Bay Street to East end

of Union Station, and on Logan, from Tradd, southward. The former sewers the Union Station and the block of buildings opposite, and the latter extends into newly developed and occupied territory.

At present the system is in good order, with three exceptions:

First: The discharge line at west end of Spring Street, the piles supports of which have been damaged by the *Teredo Navalis*, and will have to be replaced.

Second: The motor equipment at Church and Water, where, in consequence of the underground location of all appurtenances and the inability to thoroughly ventilate and keep dry, the electrical equipment suffers.

Third: The same condition at east end of Calhoun Street.

The conditions mentioned under Second and Third can be alleviated by extending the brick work of the pump pits which are circular in plan, eight or ten feet above the ground, thereby admitting of improved ventilating conditions and permitting the electrical appurtenances, except the motors, to be removed, from the dampness of the poorly ventilated pits, to ground level.

#### PLUMBING AND SEWER PERMITS

During the year this office issued 916 sewer permits, against 315 for the previous year. The record of the sewer permits, plumbing permits, etc., for 1916 is as follows:



Total number of Plumbing permits issued (1916) .....	1,378
Total number of Sewer permits issued (1916) .....	916
Total number of Plumbing and Sewer inspections, as reported by Plumbing Inspector .....	2,904
Plumbing Certificates issued .....	242

Number of Sewer connections laid by the City and paid for by the property holders to the City Treasurer: 217, at \$15= .....	\$ 3,255.00
Total number of Sewer connections laid by the City and paid for by the property holders since construction of sewers, December 4, 1912: 1,230, at \$15= .....	18,450.00

The expenditures during 1916 were as follows:

EXPENDITURES SEWER DEPARTMENT 1916

Secretary to Sewer Board .....	\$ 6.00	
Electrician .....	1,092.00	
Electrician .....	1,092.00	
Electrician .....	264.00	
		\$ 2,454.00
Labor above Broad E. S. ....	\$ 1,024.30	
Labor, above Broad W. S. ....	604.43	
Labor, below Broad E. S. ....	16.17	
Labor, Power House .....	224.16	
		1,869.06
Engineer, Power House .....	\$ 900.00	
Two Firemen, Power House .....	1,200.00	
		2,100.00
Office (including printing, stationery, advertising, etc.) .....		82.49
Power House:		
Coal .....	\$ 403.15	
Ice .....	11.00	
Packing .....	28.72	
Cylinder Oil .....	17.10	
Machine Oil .....	11.56	
Grease .....	.75	
Kerosene .....	16.00	
Boiler repairs .....	146.05	
Boiler insurance .....	87.00	
Repairs to frame building.....	108.09	
Supplies and Miscellaneous .....	155.45	
		984.87

## Pump Pits:

Current .....	2,336.03	
Ball bearings .....	12.27	
Packing .....	17.82	
Grease .....	15.50	
Turbine Oil .....	9.05	
Impeller .....	30.00	
Supplies and Miscellaneous.....	132.50	
		<hr/>
		2,553.17

System ..... 106.43

## Miscellaneous:

Paving assessments .....	\$ 34.50	
Claims .....	14.25	
		<hr/>
		48.75

BALANCE ..... \$10,198.77  
301.23

APPROPRIATION ..... \$10,500.00

All of which is respectfully submitted,

J. H. DINGLE,  
City Engineer.

# Health Department

MEMBERS OF BOARD OF HEALTH

---

J. ALWYN BALL, *Chairman*

Dr. C. W. Kollock	W. S. Lanneau
Dr. H. W. deSaussure	A. P. Aimar
Dr. W. P. Cornell	A. J. Gear
Dr. J. M. Green, H. O.	Mayor T. T. Hyde,
	<i>ex officio</i>

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DEPARTMENT OF PUBLIC HEALTH

Health Officer and Secretary	- J. Merceir Green, M. D.
Clerk to Health Officer	- - - J. Faber Porcher
Bacteriologist	- - - Dr. G. McF. Mood
Assistant Bacteriologist	- - - Dr. Leon Banov
Veterinarian	- - - Dr. B. Kater McInnes
Stenographer, Health Officer	- - Miss E. L. Barry
Chief Sanitary Inspector	- - - F. J. Simmons

SANITARY INSPECTORS

Van A. Eiseman	T. Siebert
A. T. Jennings	N. P. Gruber

## REPORT OF HEALTH OFFICER

## DEPARTMENT OF HEALTH

*To the Honorable the Mayor and City Council  
of Charleston, S. C.*

*Gentlemen:*

I have the honor to submit this, my Annual Report, with the meteorological observations and tables of vital statistics, also reports of the various departments under the supervision of the Board, showing the work which has been undertaken for the general benefit of the city during the year 1916.

It is most gratifying to announce that the death rate in the city has been lower than for any time since the incorporation of the city. And I call to your attention especially the white rate, which has been lowered to 12.10.

This is a remarkable showing and without doubt shows that the activities of the Health Department are beginning to give excellent results.

The general health of the city has been good and transmissible diseases reduced.

No fumigation has been done during the year; other means being adopted—bedside disinfection and control of the carrier as far as possible—which are proving to be of more value than the useless process of fumigation.

Again the custom of broadcast distribution of lime, etc., was abolished as being of no value. Our reports and results certainly justify the action in discontinuing these useless measures with their resulting cost and maintenance.

Our typhoid fever is still high, but much less than last

year. As sewerage is put in and vaults filled up so in proportion will typhoid diminish. An active campaign is being made against privy vaults, and many have been filled up and destroyed during the past year. An extension was given until the 1st of April, 1917, to all who have not complied with the ordinance, after which the penalties will be very severe for all who have not complied. Even then we will not be entirely free from them, as there are still some streets unsewered and without water. It is to be hoped that it will be but a few years when the sewerage and water will be extended to all streets, and we will be free from these obnoxious and disease-producing privy vaults.

Our milk condition is now most excellent and every safeguard placed not only at the dairy where it is produced, but at the supply stations; in fact from the cow to the consumer it is watched carefully.

Delivery of milk from May 1st to November 1st must be at a temperature not exceeding 60° F., also milk delivered to homes where there are transmissible diseases must be done in paper service bottles.

The dairies have improved and along with them the quality of the milk. The average bacterial count is low.

• All cattle are tuberculin tested.

During the year, under the division of bacteriology, rules and regulations governing the sale and manufacture of ice cream, soda water, etc., also the screening of fruit stores and the examination of restaurants were passed. These, however, were more or less tentative, but good results have been obtained and we have had splendid cooperation.

The report of our City Bacteriologist, Dr. Mood, is herewith appended to this report.

Our garbage situation has been practically the same during the past year, but we hope for a betterment of this

condition during 1917. The Board of Health ordered a daily collection of garbage during its quarantine against polyomyelitis from August 1st to October 1, 1916. On October 3d it addressed a communication to the street department, requiring that they have covered and suitable garbage wagons provided for hauling garbage in 1917.

I have recommended for some years the purchase of an incinerator for the destruction of garbage. I understand that the matter is being looked into now, and that the city will soon have an incinerator installed.

Some time in June an extensive outbreak of Infantile Paralysis appeared in New York, and it was thought advisable to guard against the introduction of this disease here.

There being no funds available for such purposes, Council, on petition, granted an appropriation of \$1,000 for this purpose. Rules and regulations were promptly promulgated. Two physicians were appointed to examine passengers coming in from the North on the trains and steamships and every precaution taken to guard against its entry. No case appeared here though many children coming in were quarantined.

The State Board of Health also placed a quarantine and everyone leaving the city had to obtain a certificate. From July 1st to October 1st over 5,000 certificates were issued from this office, which entailed a considerable amount of extra work.

One sporadic case of poliomyelitis was reported from No. 4 South Alexander street. It was immediately taken to the City Hospital and isolated. Everyone residing at this address was quarantined (absolute) for two weeks and maintained at the city's expense.

In August the Board petitioned City Council and an appropriation of \$5,000 was given them in order to carry

on work of the department and assist in hastening the filling up of vaults and the connections with the sewerage system. This was given to the Health Department and four (4) extra inspectors appointed and a stenographer was employed, by which the work was more than doubled and a great deal accomplished.

An automobile was also purchased for the Health Officer.

On August 8th the Health Officer presented to the Board of Health the needs and requirements for a reorganization of the Health Department. On motion these recommendations were ordered by the Board to be again presented at a special meeting to be held August 22, 1916.

In my last annual report I called attention to a most important fact in connection with the Health Department, as follows:

"The growth of the sanitary work in the city has made it a difficult task to meet the demands required of it by the city ordinances. Our force is inadequate to meet all the requirements and it is a physical impossibility with four inspectors to enforce all the sanitary laws under the Board of Health.

In ending this report I want to bring to your attention a serious and important fact, and it is this: That the work of the Health Department must be broadened and extended; that more men must be added to the force so that various other questions may be taken up which are now neglected.

I would recommend that Council be petitioned to and facts be brought squarely up to them by the Board of Health, in regard to raising the efficiency of the Health Department.

In order to do this four things are necessary:

1. To ask City Council for an appropriation of at



least \$30,000 per annum (which is a small amount for a city of this size and character of population).

2. To reorganize the Health Department.
3. To revise the ordinances of the Board of Health.
4. To keep it out of politics."

In February, 1916, I went into an extensive report to the Board of Health of its work for the past five years, making comparison of the finances of this Board with the others of the surrounding cities, showing in comparison what a small amount we had to work with, and the lack of a sufficient force with which to carry on our work. In February I wrote to Surgeon General Rupert Blue of the Public Health Service, asking that an officer be detailed here for the purpose of making a health survey of the city, but unfortunately there was no one available at that time whom he could send. The Board requested that recommendations should follow the report I made to them in February, which they took up at a special meeting on August 22d, and are embodied in this report as follows:

#### REPORT TO BOARD OF HEALTH AS TO PRESENT NEEDS BY THE HEALTH OFFICER

As the work in the Health Department has increased and been extended in the last few years and more especially so during the last two years, it is my opinion that it is absolutely necessary that its personnel should be increased, in order that the work can be facilitated and at the same time its scope further extended. We have many complaints for which we are not responsible, as we are unable to meet promptly all that we are called to do, as we can only do so much and no more. Our business has outgrown the means for its accomplishment. But let us understand that it can

never accomplish all for a health department, no matter how large its force or its appropriations; can never finish its work for it is one of those institutions which must ever keep going, going, going. However, our needs have grown and we are sadly in need of additional men in the Health Department to meet needed requirements which are now demanding our attention.

I shall first give a general list of our needed additional force, taking them up separately and explaining the reasons why they should be added to the Health Department:

1. Assistant to Health Officer.
  2. Twelve Sanitary Inspectors.
  3. Stenographer and Clerk.
  4. Solicitor.
  5. Food Inspector.
  6. Stenographer.
  7. Automobile Service.
- 

*1. Assistant to Health Officer.*

Duties: To follow up all cases of transmissible diseases from date of report to final termination or discharge by physician; to take discharge cultures in diphtheria. In other words, there should be established a department for the prevention and study and control of all contagious diseases.

*2. Sanitary Inspection Service.*

There should be at least twelve inspectors appointed for this service, which would give us one for each ward and

which is large enough for our present needs. At present the districts cannot be inspected more than once every two months and hardly that, for various other duties call them off.

### *3. Stenographer and Secretary.*

In regard to this office, it is one of great importance, for we are very short handed in the office itself. The Chief Sanitary Inspector is called upon to do much office work and he should be outside more. In his absence the Clerk to the Health Officer must do his work besides his own, and conversely in the absence of the Clerk to the Health Officer the Chief Sanitary Inspector must do his work in addition to his own. In the absence of both, the Health Officer has to settle down and do the work of both; so you see something has got to be left out. A day or so does not make much difference. We are open every day, Sundays and holidays, and there is no let up. A man is needed who could be both stenographer and clerk and these men be relieved of everything but their own work, which would never be neglected. In other places this is known as secretary to health officer.

### *4. Solicitor.*

I am of the opinion that the Health Department should have its own solicitor. A great deal of my time and the Chief Inspector's time is taken up in making up cases and ourselves prosecuting in court. I am of the opinion that such a position will be of invaluable assistance to our department in the enforcement of the ordinances and rules and regulations of the Board of Health. It has been found so in many other cities.

5. *Food Inspector.*

That we need a food inspector to be under the Bacteriological Department.

*Food Inspection*—Restaurant inspection has become an absolute requisite and would materially add to the effectiveness of the work of the Health Department in the prevention of disease and sickness. An examination of many of these places shows them to be in bad condition; perhaps fifty per cent of them ought to be closed.

6. *Technician for Bacteriological Department.*

A technician who is at the same time a service man has become an absolute necessity. Work in a laboratory demands the service of such a man in making culture media, etc. Dr. Mood now pays out of his own salary \$50 per month in order to have this work done.

7. *Automobile Service.*

An automobile for the Health Officer is a most necessary addition, as a great deal more work could be accomplished which in the past has been neglected owing to the want of such a service. There is great inconvenience and time lost in visiting and treating small pox cases and also in inspecting other conditions which so frequently come up in the duties of the Health Officer. Also an automobile is needed in the Bacteriological Department, it being absolutely necessary in this work for visiting and inspecting the dairies and in collecting milk for examination. The City Bacteriologist and assistant now own and furnish for the city all means of transportation for their department. The city being put to very little expense in this matter, as the money

comes out of these gentlemen's salary. I do not think the Board realizes just what expense these officials are put to and what sacrifices they make in order to carry on the work in this department. Dr. Mood gets \$1,800 a year, has to furnish an automobile, besides paying out \$50 per month in order to run the Bacteriological Department with the efficiency with which it is now conducted. Mr. Banov has also to furnish an automobile without which the work could not be done, and gets a compensation of \$900 per annum.

Finally I would recommend that the Department of Health be taken out of politics, for obvious reasons, and all officers and employees placed under a civil service commission board which could be appointed for that purpose.

I submit these recommendations to you, having carefully studied the situation and believe that it is the most effective method under which we can work at present.

Attached to this report and being a part of it is a budget made in advance for 1917.

I do this so that means can be provided in time in order to meet the financial demands of the increased appropriation.

Respectfully submitted,

J. MERCIER GREEN, M. D.,  
*Health Officer.*

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#### REPORT OF COMMISSION UPON RECOMMENDATION OF DR. GREEN

We, the undersigned committee, appointed to draft in due form for report to this Board on the recommendations of the Health Officer in regard to increased personnel and

appropriations for the Board of Health, which they will petition City Council for during the year 1917, beg leave to report as follows, viz.:

FIRST: That the Health Department urgently needs an increased force and sufficient appropriations to meet the demands made upon it in the protection of the health of the community.

SECOND: That at present it is working on a basis of thirty cents per capitalas compared with: Jacksonville, 62; Savannah, 61, and Augusta, 61.

THIRD: That this amount is insufficient and that we are the only city in the United States which has the unique distinction of working on a less per capita for the protection of the health of its citizens.

FOURTH: We believe that our demands are just, modest and reasonable and will fill the requirements for some years.

FIFTH: We state further that a city of the size of Charleston with a population of 60,000 odd should have an appropriation of at least \$40,000 in the full protection of the health of its citizens.

SIXTH: In presenting this advance budget for 1917, the Committee of Board of Health feels that it is a duty which we owe to the citizens of Charleston in the protection of its health, also in justice to the Board of Health in the administration of its affairs.

We appeal to you in behalf of the citizens of Charleston in the protection of the health of their homes and their

families that these recommendations of our Health Officer for increased force and appropriations be sent to City Council and that also a committee of the whole board, if necessary, appear before City Council and the Ways and Means Committee in order to justify these recommendations for 1917.

The Health of the people of Charleston is in our hands and unless City Council give us these appropriations, gentlemen, which will only meet our absolute needs, we can only go along in the same old way, vainly hoping for the best.

Under the recommendations made by the Health Officer and presented in advance budget for 1916, we strongly endorse said recommendations and request this Board to petition City Council to pass necessary ordinances which will meet all these requirements:

1. An Assistant to Health Officer to be under the Health Officer and subject to his orders; to be appointed by Board of Health with approval of Health Officer.
2. Increase of force to twelve sanitary inspectors.
3. Allowing Health Officer to appoint secretary of clerk and stenographer.
4. The appointing of a Solicitor.
5. The appointing of a Food Inspector.
6. The appointing of a Technician for the bacteriological division.

7. The request for two automobiles and their upkeep for the service of the department.

(Signed.) J. MERCIER GREEN, M. D. *Chr.*  
A. P. AIMAR,  
W. P. CORNELL, M. D.,  
*Committee.*



## TRANSMISSIBLE DISEASES

In my opinion our cases of transmissible diseases are not looked after as they should be and for that reason I have recommended an assistant to the Health Officer, who should act also as an epidimeologist.

An epidimeologist is a man who must follow up and look after all contagious diseases, looking into their history and preventing their spread as far as it is in his power to do so. Each case should be visited every day in order to see that isolation is being carried out, that the disinfection of the discharges is being done and that the case is not turned loose upon the public until he is well, from a public standpoint; that is, until he ceases to be a danger to others. Our contagious diseases are not looked after as they should be as we have never had the means or methods by which this could be done. It is the most important principle in public health work and is a safeguard against epidemics and the greatest factor in public health administration. The essence of all public health work lies in the control and mangement of its transmissible diseases. At present we do but little in regard to the control of these diseases. We placard and send out disinfectants with a card of instructions to the householder, and trust to their carrying out the orders, which in a great number of cases cannot be relied upon.

In the case of diphtheria the sign is not taken down until two (2) successive negative cultures of both nose and throat are taken. This at present is done by the physician. When the patient is clinically well, it then becomes the duty of the Department of Heauth to see that the patient is well from a public health standpoint. We have never had such an officer in our department, and it would be a most valuable addition to the department in the protection of the health of its citizens. In fact it is an absolute necessity.

Recently we have averted what we believe to be a focus of an epidemic of diphtheria in a private school. Two clinical cases occurring in this school with forty pupils, the physician advised all going there to have cultures made of their noses and throats. Twelve were found to be positive carriers of diphtheria. These were sent home, the houses placarded and the carriers quarantined until two (2) successive cultures showed negative reactions, when the quarantine was removed. This is good as far as it goes, but it does not go far enough, as the people cannot be depended upon, and in some instances do not keep the carrier isolated and kept from others as they should. They do not believe the carriers sick; nor do they follow instructions given them.

It is not the province of the physician to attend these carriers (in fact the people will not send for them, not believing them sick). It is purely in the line of preventative medicine and absolutely the duty of the Board of Health to look after such cases in order to prevent its spread. There have been complaints against these carriers and also against the absolute diphtheria cases.

The control of contagious diseases under present conditions is far from satisfactory and will be so until we have a man who can follow up and look after these transmissible cases and treat them from a public health standpoint. The carrier is more dangerous than an absolute case of diphtheria, as not being sick he mingles with others at school, moving pictures, Sunday school, theaters, etc., transmitting to others disease in its most insidious forms.

It is the duty of the Board of Health to prevent this but unless money is appropriated to look after these conditions (and I consider them the most vital in public health work) we are liable to epidemics of diphtheria, scarlet fever, etc., at any time, as the means we now resort to do not safeguard the public health and are very unsatisfactory.

**DIPHTHERIA**

Diphtheria has been less for 1916. There has been a mild form of this disease throughout the country. There have been 47 white, 4 colored; total, 51 cases. Deaths: white, 5; colored, 0; total, 5.

**SCARLET FEVER**

Scarlet fever has been slightly in excess during 1916. There have been 15 white, 2 colored; total 17 cases. Deaths: white, 0; colored, 0; total, 0.

**TYPHOID FEVER**

Typhoid fever has been less than for 1916. 101 white, 78 colored; total, 179. Deaths: 4 white, 19 colored; total 23.

**SMALLPOX**

There were treated during the year 16 cases of smallpox. 2 white, 14 colored; total, 16. Deaths, 0.

**TUBERCULOSIS**

There were 174 deaths from tuberculosis: White, 29; colored, 145; total, 174.

**\*MORTALITY**

*Population for 1916:*

White .....	29,980
Colored .....	30,754
Total.....	60,734

Ratio per 1,000 white.....	12.10
Ratio per 1,000 colored.....	33.79
Ratio per 1,000 white and colored	23.10

*Number of deaths:*

White .....	361
Colored .....	1,042
Total deaths.....	1,403

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\*Accidents and still births excluded.

\*Population U. S. Census July 1, 1916.

## FINANCIAL REPORT.

Appropriation for 1916 .....		\$17,475.00
Extra Appropriation .....		6,000.00
		<hr/> \$23,475.00
Salary of Health Officer .....	\$2,400.00	
Salary of Clerk .....	1,300.00	
	<hr/>	\$3,700.00
Petty Cash and Miscellaneous .....	163.83	
Telephone .....	12.60	
Printing and Stationery .....	654.44	
	<hr/>	830.87
Salary of Bacteriologist .....	\$1,800.00	
Salary of Assistant Bacteriologist .....	900.00	
Salary of Help to Bacteriologist .....	60.00	
Office Expenses, Bacteriologist .....	909.01	
	<hr/>	\$3,669.01
Auto Upkeep .....	675.00	
Laboratory Rent .....	300.00	
	<hr/>	4,644.01
Salary of Veterinarian .....	\$1,200.00	
Office Expenses, Veterinarian .....	2.50	
Salary Chief Sanitary Inspector .....	1,200.00	
Salary of Four Sanitary Inspectors .....	3,120.00	
	<hr/>	5,522.50

FINANCIAL REPORT—Continued.

Salary of Stenographer .....	\$ 300.00	
Purchase and Distribution of Disinfectants .....	162.65	
Steam Disinfection .....	100.00	562.65
Ambulance Hire .....	\$ 300.00	
Repairs to Drinking Fountains .....	108.38	
Contagious Diseases .....	2,140.89	
Burying Dead Animals .....	549.00	3,098.27
Polyomyelitis .....	688.45	
Extra Appropriation .....	1,359.92	2,048.37
		<u>\$20,406.67</u>
Unexpended Balance .....	\$3,068.33	
To Income Account of City from Milk Licenses .....	102.00	
	<u>\$3,170.33</u>	<u>\$ 3,068.33</u>

(Signed.) J. A. BALL,  
Chairman Board of Health.

J. MERCEIR GREEN, M. D.,  
Health Officer.

## DIVISION OF BACTERIOLOGY

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February 12, 1917.*Dr. J. M. Green, Health Officer.*

Sir: I have the honor to submit the following report of work done in the Department of Bacteriology during the year 1916.

Although reference to the appended tables will show a slight decrease over 1915 in work done in the laboratory in the examination of specimens; this was more than made up for by the increased field work which this department was called upon to do.

The law passed by the Board of Health prescribing conditions for and licensing the keeping of private cows within the limits of the city placed upon this department the work of inspecting many premises scattered widely over the city. We feel, however, that the time devoted to this work has been well spent, as it resulted in, first, the sanitary improvement of almost every place at which a cow was allowed to be kept, and second, in banishing from the city a number of cows, kept formerly under any but sanitary conditions.

Extra field work was again placed upon the department by the passage by the Board of Health of rules governing the keeping of restaurants. Reference to the appended tables will show the great improvement in these, as evidenced by the scores, when inspections were commenced, compared with the last score, and the average scores for the various restaurants in the city.

As the score given upon each inspection was conspicuously placed in the front window of the restaurant, and was

unchanged until the following inspection was made; many restaurant keepers made effective efforts to so improve the general sanitary conditions of their places, that the subsequent score was much higher. Although this work has been carried on for only about six months, so noticeable has been the improvement in most of the places inspected, that we feel that the work should certainly be continued by an inspector appointed by the Board of Health for this special work.

Again, by the direction of the Board of Health, this department was required to make inspections of the various establishments engaged in the bottling of soft drinks. These inspections resulted in the closure of several places, entirely unfit in structure and equipment for the bottling of soft drinks. These with others requiring the installation of modern sanitary equipment, for the proper sterilization and inspection of bottles, have so improved that at the present time practically all of these establishments meet the requirements of the Board of Health.

While this has been a decided step in the right direction for the protection of the public health, we feel that other places engaged in the handling of foodstuffs, such as bakeries, groceries and candy manufactories should be added to the list of those regularly inspected and scored. With the appointment of a food inspector, this could be easily arranged for.

In the latter part of the summer, during Clean-Up Week, with your approval, this department placed in one of the large windows of the David Outfitting Co., on King street, an educational display, showing the cycles of development of the fly and mosquito and calling attention to the diseases spread by each. During the week of the display several hundred pamphlets, dealing with the life histories and dan-



gers of flies and mosquitoes, and donated by the State Board of Health, were given to those interested.

Again, with your sanction, during the epidemic in New York and adjacent cities, of infantile paralysis, the department secured from the State Board of Health a motion picture dealing with infantile paralysis, and showed it free to the public, at the Victoria Theater for white people, and at the Dixie Theater for colored people. The attendance upon these latter occasions and the interest shown by the public in the King street display would, we believe, warrant the setting aside each year of a sufficient sum of money to be devoted to educational purposes.

SPECIMENS FOR DIAGNOSIS	Specimens Examined	Positive Results
Blood, Typhoid Fever .....	1,221	492
Blood, Para-Typhoid Fever .....	38	2
Blood, Malaria .....	305	32
Sputum, Tuberculosis .....	339	68
Sputum, Pneumococci .....	12	4
Sputum, Entamoebae .....	1	0
Pus Smear, Gonococci .....	214	63
Pus Smear, Treponema Pallida .....	4	1
Pus Smear, Entamoeba Buccalis .....	13	4
Pus, Smear, B. Pyocyaneus .....	1	1
Pus Smear, Staphylococcus Pyogenes Aureus .....	1	1
Pus Smear (Throat), Cocci .....	2	2
Throat Smears, Treponema Pallida .....	1	0
Conjunctival Smear, Streptococci .....	1	1
Conjunctival Smears, Staphylococci .....	1	1
Swabs, Diphtheria .....	1,250	390
Feces, Uncinariasis .....	57	14
Feces, Trichomoniasis .....	12	8
Feces, Tenia Saginata .....	50	3
Feces, Tenia Nana .....	1	1
Feces, Amoebiasis .....	21	2
Feces, Ascaris Lumbricoides .....	1	1
Feces, Streptococci .....	3	3
Feces, Protozoa .....	1	0
Feces, B. Welchii .....	1	1
Worm, Bothriocephalus Latus for identification...	1	1
Spinal Fluid, Pneumococci .....	2	2
Blood Culture, for Pathogenic Organisms .....	2	0
Blood Culture, Streptococci .....	4	2
Blood Culture, Staphylococci .....	1	1
Urine, B. Coli Com. ....	1	0
Urine, for Casts .....	1	0
Urine, B. Tuberculosis .....	5	0
Urine, for Pus .....	4	2
Hair, Roots, Tinea Tonsurans .....	2	0

WATER EXAMINATION.	Number Examined	Positive Results
Spring Water .....	1	0
Cistern Water .....	33	15
Well Water .....	7	3

## PASTEUR DEPARTMENT

	Number Examined	Positive Results
Dogs Heads Examined .....	5	1
Dogs kept under observation .....	2	0
Patients treated .....	4*	

## DAIRY AND MILK EXAMINATION

Dairy Inspections .....	327
Milks Tested .....	537
Average Butter Fat .....	4.0 %
Average Total Solids .....	12.78 %
Average Specific Gravity .....	1.0315%
Average Bacteria per C. C. ....	147,290

	Milks Teste	Positive Results
Milks Tested for Visible Dirt .....	537	12
Milks Tested for Excessive Water Content .....	537	5
Milks Tested for Excessive Cream (top milk).....	537	2

\*All recovered.

MILKS CONDEMNED

For Excess of Water .....	140 Quarts
For Presence of Dirt .....	51 ½ "
Flies in Milk .....	60 "
Improperly Cooled .....	1,771 ½ "
Unsterilized Bottles .....	27 "
For Unsanitary Dairy (and dairy closed) .....	48 "
Presence of Disease among Cattle (and dairy closed) .....	120 "
Unlicensed Milk .....	2 "
Unlicensed Cream .....	33 "
Buttermilk, Unsanitary Container .....	40 "
<hr/>	
Total Milk, Cream and Buttermilk condemned .....	2,293 Quarts

FOOD INSPECTIONS

Ice Cream Wagon and Cart Inspections .....	76
Ice Cream Manufactory Inspections .....	60
Restaurant Inspections without Score .....	43
Restaurant Inspection with Score .....	160
<hr/>	
Total Restaurant Inspections.....	205
Highest Score .....	99%
Lowest Score .....	62%

FOODSTUFFS CONDEMNED BECAUSE OF UNSANITARY CONDITIONS

48 Ice Cream Cones (filled).  
 504 Empty Cones.  
 110 Quarts Ice Cream.  
 3 Cases Cakes, Pies and Crackers.

OTHER INSPECTIONS MADE BY THIS DEPARTMENT

Soft Drink Bottling Works Inspections .....	51
Soda Water Fountains .....	16
Yard and Cow Stable Inspections (for special Permits)	

Respectfully submitted,

G. McF. MOOD, M. D.,  
*Bacteriologist to Board of Health.*

Name of Restaurant.	Score		Average Score, 1916
	First Inspection	Last Inspection for 1916	
Anistas Taligraphas .....	63	68	65
Baltimore Lunch Room .....	53	84	77
Bollo's .....	96	96	95
Busy Bee .....	62	69	66
Charleston Palace .....	74	76	75
Twentieth Century .....	85	95	92
Charleston .....	64	80	74
Davis .....	81	91	89
Delmonico .....	77	91	88
Exchange .....	94	98	96
Harry's Lunch Room .....	82	84	83
Nick Hamassopulos .....	63	64	63
Manhattan .....	61	76	68
Milton's .....	94	95	94
New York Restaurant .....	81	94	87
New York Lunch Room .....	80	94	90
Only .....	66	72	70
Occidental .....	97	98	98
Olympia .....	87	92	90
Palms Lunch Room .....	91	96	93
Paris .....	78	92	85
Quick Lunch Room .....	64	72	67
Royal .....	78	92	89
Riddock's .....	99	99	99
Smyrna .....	75	84	80
Union .....	91	93	92
Union Depot .....	66	71	72
Victory .....	66	76	72

Name of Dairy	Highest		Lowest	
	Fats	Total Solids	Bacteria	Bacteria
Battery .....	6th	7th	1st	1st
Hayne.....	3d	1st	9th	9th
Martin.....	1st	2d	3d	3d
Mehrten.....	3d	4th	5th	5th
Minderman.....	4th	1st	7th	7th
Muller.....	5th	6th	2d	2d
Rephan.....	4th	5th	6th	6th
Sahlmann.....	3d	3d	4th	4th
West End.....	7th	8th	8th	8th

Name of Dairy	Number of Tests	Preserva- tives	Average Fats	Average Total Solids	Average Specific Gravity	Average Bacteria per C. C.	Dirty	Number of Milks Watered
Battery .....	49	0	3.7	12.37	1.032	39,570	0	0
Hayne.....	42	0	4.4	13.29	1.0313	291,260	6	1
Martin.....	43	0	4.5	13.16	1.0316	51,790	8	0
Mehrten.....	54	0	4.1	12.76	1.0311	116,710	0	0
Minderman.....	51	0	4.0	13.29	1.0319	184,960	1	0
Muller.....	38	0	3.9	12.72	1.0316	50,400	0	0
Rephan.....	57	0	4.0	12.74	1.0316	162,960	0	0
Sahlmann.....	54	0	4.1	12.86	1.0313	62,330	0	0
West End.....	56	0	3.6	12.25	1.0312	247,230	1	0

## DIVISION OF MEAT INSPECTION

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February 1, 1917.

*Dr. J. Merceir Green, Health Officer,  
Charleston, S. C.*

Dear Sir: I have the honor to hand you the annual report from the Division of Meat Inspection. I give below an accurate account of each month's work:

This year's report will show a material decrease in the number of dairy cattle condemned for tuberculosis, nearly all of these cattle were killed at the Charleston Abattoir, some being killed on owners' premises under the supervision of the Assistant Veterinarian. I recommend that all meats be chilled before leaving the abattoir. I would like to see some active steps taken for the proper disposition of all dead animals.

Respectfully submitted,

B. KATER MCINNES, V. M. D.,  
*Veterinarian to Board of Health.*

CATTLE SLAUGHTERED AND CONDEMNED AT  
ABATTOIR—1916.

January

Cattle .....	668	
Sheep .....	24	
Hogs .....	929	
Total for month of January.....		1,817

February

Cattle .....	627	
Sheep .....	58	
Hogs .....	895	
Total for month of February.....		1,580

March

Cattle .....	688	
Sheep .....	46	
Hogs .....	1,099	
Total for month of March.....		1,833

April

Cattle .....	637	
Sheep .....	137	
Hogs .....	428	
Total for month of April .....		1,202

May

Cattle .....	766	
Sheep .....	238	
Hogs .....	31	
Total for month of May.....		1,035

June

Cattle .....	723	
Sheep .....	300	
Hogs .....	12	
Total for month of July .....		1,035

July

Cattle .....	650	
Sheep .....	170	
Total for month of July .....		721



**August**

Cattle .....	553	
Sheep .....	168	
Hogs .....	2	
Total for month of August .....		723

**September**

Cattle .....	840	
Sheep .....	129	
Hogs .....	301	
Total for month of September .....		1,270

**October**

Cattle .....	599	
Sheep .....	194	
Hogs .....	894	
Total for month of October .....		1,687

**November**

Cattle .....	578	
Sheep .....	71	
Hogs .....	1,294	
Total for month of November .....		1,943

**December**

Cattle .....	455	
Sheep .....	118	
Hogs .....	1,828	
Total for month of December .....		2,391

**Total for the Year 1916**

Cattle, Sheep and Hogs .....	17,237
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**Total Condemned for Year 1916**

Cattle, Sheep and Hogs .....	21
Dairy Cattle condemned for tuberculosis at Abattoir.....	29
Barrels of Fish condemned .....	10
Sausage (pounds) .....	30

## CHIEF SANITARY INSPECTOR'S REPORT

---

Charleston, S. C., January 1, 1917.

*Dr. J. M. Green, Health Officer,*  
*Charleston, S. C.*

Dear Sir: I have the honor to submit this, the Annual Report for the Division of Sanitary Inspection and Contagious and Infectious Diseases, for year ending December 31, 1916.

## SANITARY INSPECTION

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During the past year 44,935 visits to premises were made by inspectors, which shows an increase of 12,630, as against 32,305 visits in 1915. This increase is due to the faithful performance of our force of inspectors, who, I am proud to say, are a very reliable set of men; sober, conscientious and loyal to duty. This is only a part of their work this year, as we had the enforcement of the screen law for fruiterers, and I am sorry to say they did not like the law and gave us a lot of unnecessary work trying to enforce same. We had a number of cases in the police court and in every case but one got a conviction, but this consumed a great deal of the inspectors' time from their regular work. However, under the circumstances we made a fair showing. The four new men who were put on October 1st greatly relieved the condition and gave us a better follow-up system, which the result will show.

The Clean-Up Week in the summer was a great success, as it put new life into the people and we got better co-

operation from the public; but I am glad to know that conditions were a great deal better than the volunteer inspectors expected to find, as the report from the Street Department shows that they did not have the congestion that week that they anticipated, as we had yards in good condition, owing to the good work of the department inspectors during the year. We also paid special attention to the wrapping of bread and fined one party for non-compliance.

As to the keeping of cows, we had several cases in which we were successful in removing the cows; this law is well carried out and we had few complaints.

I beg to call your attention to the number of places that were very unsanitary, but have been put in good condition after hard-fought battles. One of these, Cedar Court, was one of the worst places in the city, being in a general unsanitary condition. After due notice we closed eleven houses and put the tenants out. This property has now all been overhauled, houses raised and rebuilt, sewers installed, lots filled up and vaults destroyed, making a general improvement sanitary and otherwise. At the corner of Mary and Nassau streets there were three houses that were in very bad condition, on being ordered to connect with the sewer these were destroyed and new houses built and put in good sanitary condition, greatly improving the appearance of the street and increasing the city taxes. At the corner of Line and Hanover streets four houses were rebuilt and sewers installed as the result of the activities of the department. One of the best pieces of work from a sanitary point of view was done at the Royal Bag Mills when seventy-one (71) vaults of the most dangerous kind, all open and on the surface of the ground, were destroyed and connections made with the sewer and houses put in good condition. On Wolfe street near Meeting street, seven houses were pulled down and the old vaults destroyed; in

the rear of the same place, known as Johnson Court, twelve (12) vaults were destroyed, houses rebuilt and connections made with the sewer, thereby improving general sanitary conditions. We placarded two places on Pinckney street that have since been pulled down, getting rid of a bad condition, and two places on Motte's Lane, which have been destroyed in the same manner. We have also connected several courts of private ownership, McSweeney's Court, Addison's Court, Webb's Court, Seebeck's Alley, Frieburg Court, Hacker's Alley, and Pearlstine's Alley, all which were in unsanitary condition.

Other work which the inspectors are called on to do and which consumes a great deal of their time is to appear in the police court as witnesses. We had 441 cases in court this year for violation of orders of Board of Health. Most of the cases were continued from time to time, making it necessary for the inspectors and myself to make several trips to the police court, taking us away from our regular duties. Out of this number of 441 cases we had 40 fined, 11 dismissed and 390 complied with the law.

We also closed three (3) ice cream factories on account of unsanitary conditions.

#### NOTICES SERVED

During the year we served 4,290 notices to connect with sewer and destroy vaults and 2,342 notices to clean vaults; seventy-five per cent of these were delivered by the inspectors in person after their daily inspection; from this you will be able to judge of the amount of work in this department. Besides this we also have complaints of all kinds too numerous to mention, but which must be taken care of.

## SEWER CONNECTIONS

We had 946 sewer connections made this year and a record of 833 vaults destroyed, against 383 last year.

We are waging a vigorous campaign on privy vaults, and I hope by the summer of 1917 we will be rid of the biggest part of this nuisance. We cannot make the headway we should as we have forty-two (42) streets and parts of streets without water and this is a big handicap to the work.

The personnel of the inspection force is as follows:

Regular	Temporary from October 1st
A. T. Jennings.....	<i>First District</i> .....E. F. Dougherty
Van A. Eisenmann.....	<i>Second District</i> .....J. J. Frain
Theo. Siebert .....	<i>Third District</i> .....H. E. Harbourt
N. P. Gruber.....	<i>Fourth District</i> ....Geo. E. Steinmeyer

## GARBAGE

We have paid a great deal of attention to the handling of garbage and still this is not satisfactory. We have tried to educate the people to the use of the metal cans and have obtained some results, the colored people giving us the most trouble in this respect. They are very negligent in the way they keep their premises causing us to follow up some places daily to keep them in any kind of shape, as there are places in the heart of the city so congested with colored people that it is almost impossible to find the guilty party and it keeps our small force very busy following them up.

## DISINFECTANTS

The Disinfectant Station on Queen street has been dis-

continued and we deliver it at office in bottles on application of anyone calling for it, except in cases of contagious diseases, in which event we deliver it daily, also in cases of scarlet fever and diphtheria we card the houses and deliver all the disinfectant they need. By this method we save expense and no place receives disinfectant that does not need it, and yet at the sametime every place that does need it receives it promptly, as a complete record is kept of contagious diseases, disinfectant delivered and places carded.

### DRINKING FOUNTAINS

The fountains are placed in densely populated parts of the city and give considerable trouble. While they perhaps do a great deal of good, they also have their drawbacks, as many property owners take advantage of them and do not supply their tenants with water, consequently the condition of the ground around the fountains is very bad, being wet and sloppy all the time, making a situation which is very hard to control. However, I have endeavored to keep them in first-class condition and in two instances I have had them moved so as to do away with the water standing around them, placing them over city drains, in that way bettering the condtion, but still it is far from being satisfactory.

## SUMMARY FOR YEAR 1916

Number of places inspected .....	44,935
Garbage reported .....	29
Notices served to clean vaults .....	2,342
Notices for drains .....	618
Reported vaults .....	1,882
Number cleaned .....	2,527
Other Nuisances .....	329
Rain barrels destroyed .....	86
Complaints to office .....	342
Complaints to office corrected .....	323
Recorder's Court .....	441
Fines .....	40
Released .....	11
Diphtheria, placarded .....	51
Diphtheria Carriers, placarded .....	10
Scarlet Fever, placarded .....	17
Fumigated .....	None
Places supplied with Disinfectants .....	875
Water collected for Bacteriologist .....	37
Notices served to destroy vaults .....	4,290
Sewer connections made .....	946
Old vaults destroyed .....	833
Complied with law at Recorder's Court .....	390

Respectfully submitted,

FRANK J. SIMMONS,  
*Chief Sanitary Inspector.*

## MORTUARY STATISTICS

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATH, FIRST  
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.  
Deaths for the Year, 1916.

GENERAL DISEASES		White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Total
1	Typhoid Fever, Abdominal Typhus	3	1	4	9	10	19	23
2	Exanthematic Typhus							
3	Fever Recurrent							
4	Fever, Intermittent	3	4	7	4	5	9	16
5	Small Pox							
6	Measles	1	1	2	3	1	4	6
7	Fever, Scarlet							
8	Whooping Cough	2	2	4	15	24	39	43
9	Diphtheria and Croup	2	3	5				5
10	Influenza	2	5	7	6	9	15	22
11	Fever, Miliary							
12	Asiatic Cholera							
13	Cholera, Nostras							
14	Dysentery	1	3	4	1	4	5	9
15	Plague							
16	Fever, Yellow							
17	Leprosy							
18	Erysipelas	1		1		1	1	2
19	Other Epidemic Diseases							
20	Pyæmia and Septicæmia		1	1	1		1	2
21	Glanders							
22	Anthrax							
23	Rabies							
24	Actinomy cosis Trichinosis							
25	Pellagra	7	3	10	12	42	54	64
26	Tuberculosis of Larynx							
27	Tuberculosis of Lungs	11	5	16	66	78	144	160
28	Tuberculosis of Meninges	2		2	1		1	3
29	Tuberculosis, Abdominal	1		1				
30	Pott's Disease							
31	Cold Abscess							
32	White Swelling							
33	Tuberculosis of other Organs							
34	Tuberculosis, General							
35	Scrofula							
36	Syphilis	1		1	12	12	24	25
37	Gonorrhoea, Adults							
38	Gonococcal Affection of Infants							
39	Cancer and other Malignant Tumors of the Mouth	1		1				
Carried Forward								



## MORTUARY STATISTICS

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATH, FIRST  
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

Deaths for the Year, 1916—Continued.

GENERAL DISEASES—Continued.	White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Total
Brought Forward .....							
40 Of Stomach and Liver .....	1	3	4	4	2	6	10
41 Of Peritoneum, Intestines and Rectum .....							
42 Female Genital Organs .....		4	4		7	7	11
43 Cancer and other Malignant Tumors of Breast .....		4	4		4	4	8
44 Of Skin .....							
45 Of other Organs unspecified.....	5		5	2	1	3	8
46 Other Tumors, except Female Genital Organs .....							
47 Acute Articular Rheumatism .....							
48 Chronic Rheumatism and Gout .....							
49 Scurvy .....							
50 Diabetes Mellitus .....	3	1	4		4	4	8
51 Exophthalmic Goitre .....	1	1	2		1	1	3
52 Addison's Disease .....							
53 Leukemia .....		1	1				1
54 Anaemia Sclerosis .....							
55 Other General Diseases .....							
56 Alcoholism, Acute and Chronic.....	1		1				1
57 Lead Poisoning .....							
58 Other Chronic Poisonings of Occupation .....							
59 Other Chronic Poisonings .....							
60 Encephalitis .....							
61 (Bis.) Epidemic Cerebral Spinal Meningitis .....	1	1	2		1	1	3
62 Prog. Locomotor Ataxia .....							
63 Other Diseases of the Spinal Cord .....					1	1	1
64 Congestion and Hemorrhage of Brain .....							
65 Brain, Softening of .....				1	1	2	2
66 Paralysis, cause unspecified .....				1		1	1
67 Paralysis, General .....					1	1	1
68 Other forms of Insanity .....							
69 Epilepsy .....	1		1				1
70 Convulsions, not Puerperal .....					1	1	1
Carried Forward .....							

## MORTUARY STATISTICS

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATH, FIRST  
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

Deaths for the Year, 1916—Continued.

GENERAL DISEASES—Continued.		White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Total
Brought Forward .....								
71	Convulsions of Infants .....				1	1	2	2
72	Tetanus .....		2	2	3	2	5	7
73	Cholera .....							
74	Other Nervous Diseases .....	1		1				1
75	Diseases of the Eyes .....				1		1	1
76	Diseases of the Ears .....							
<i>Diseases of Circulatory System</i>								
77	Pericarditis .....		1	1				1
78	Endocarditis, acute .....	3	5	8	5	4	9	17
79	Organic Heart Disease .....	13	11	24	40	33	73	97
80	Angina Pectoris .....	3	1	4	1	1	2	6
81	Diseases of Arteries, Atheroma, Aneurism, etc. ....	30	29	59	54	36	90	149
82	Embolism and Thrombosis .....							
83	Diseases of the Veins, Varices, Hemorrhoids, Phlebitis, etc. ....							
84	Diseases of the Lymphatics, Lym- phangitis, etc. ....				1		1	1
85	Hemorrhage .....							
86	Other Diseases of Circulatory System .....							
<i>Diseases of the Respiratory System</i>								
87	Diseases of Nasal Fossae .....							
88	Diseases of the Larynx .....					1	1	1
89	Diseases of the Thyroid Body .....							
90	Bronchitis, Acute .....	2	2	4	3	3	6	10
91	Bronchitis, Chronic .....							
92	Pneumonia, Broncho .....	2	2	4	9	14	23	27
93	Pneumonia .....	4	7	11	26	24	50	61
94	Pleurisy .....							
95	Congestion of Lungs, Pulmonary Apoplexy .....	7	7	14	24	22	46	60
96	Gangrene of Lung .....					1	1	1
Carried Forward .....								

## MORTUARY STATISTICS

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATH, FIRST  
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

Deaths for the Year, 1916—Continued.

GENERAL DISEASES—Continued.		White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Total
Brought Forward .....								
97	Asthma .....	1	1	2				2
98	Pulmonary Emphysema .....							
99	Other Diseases of the Respiratory System, Phthisis excepted .....							
<i>Diseases of the Digestive System</i>								
100	Diseases of the Mouth and Adnexa .....							
101	Diseases of the Pharynx .....							
102	Diseases of the Oesophagus .....					2	2	2
103	Ulcer of Stomach .....					1	1	1
104	Other Diseases of the Stomach, Cancer excepted .....							
105	Diarrhoea & Enteritis, under 2 yrs. ....	8	6	14	36	28	64	78
106	Diarrhoea and Enteritis .....	2	1	3	10	14	24	27
107	Intestinal Parasites .....							
108	Hernia and Intestinal Obstruction .....	4	1	5	4	4	8	13
109	Other Diseases of the Intestines.....	3		3	2	4	6	9
110	Acute Yellow Atrophy of Liver.....							
111	Hydatid Tumor of Liver .....							
112	Liver Cirrhosis .....	1		1	1	2	3	4
113	Biliary Calculi .....		1	1				1
114	Other Diseases of Liver .....	1	3	4	1	3	4	8
115	Diseases of Spleen .....	1		1				1
116	Simple Peritonitis .....				2		2	2
117	Other Diseases of Digestive System, Cancer and Tuberculosis excepted .....	1	1	2	10	2	12	14
118	Appendicitis and Iliac Abscess.....	5	2	7	2		2	9
<i>Diseases of the Genito Urinary Organ</i>								
119	Nephritis, Acute .....	2	4	6	16	13	29	35
120	Bright's Disease, Chronic .....	30	19	49	75	56	131	180
121	Other diseases of Kidney & Adnexa .....	2	2	4	4	4	8	12
122	Urinary Calculus .....							
123	Diseases of Bladder .....							
Carried Forward .....								

## MORTUARY STATISTICS

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATH, FIRST  
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

Deaths for the Year, 1916—Continued.

GENERAL DISEASES—Continued.	White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Total
Brought Forward .....							
124 Diseases of Urethra, Urinary Abscess, etc. ....							
125 Diseases of the Prostate .....				2	2	2	2
126 Non-Venerial Diseases of Male Genital Organ .....							
127 Metritis .....							
128 Uterine Hemorrhage, not Puerperal .....							
129 Uterine Tumor, not Puerperal .....							
130 Other Diseases of Uterus .....							
131 Ovarian Cyst and others .....							
132 Other Diseases of Female Genital Organs .....	2	2					2
133 Diseases of Breast, not Puerperal, not Cancerous .....							
<i>Puerperal Diseases</i>							
134 Accidents of Pregnancy .....	2	2	2	2	2	4	4
135 Puerperal Hemorrhage .....		2	2	2	2	4	4
136 Other Diseases of Labor .....	1	1				1	1
137 Puerperal Septicaemia .....				4	4	4	4
138 Puerperal Albuminuria and Convulsions .....		1	1	5	5	6	6
139 Puerperal Phlegmasia Alba Dolens .....							
140 Other Puerperal Accidents, Sudden Death .....				2		2	2
141 Puerperal Diseases of Breast .....							
142 Gangrene .....							
143 Furuncle (Carbuncle) .....	1	1					1
144 Phlegmon, Acute Abscess .....							
145 Other Diseases of Skin & Adnexa .....				1	1	1	1
<i>Diseases of the Locomotor System</i>							
146 Diseases of the Bones, Non-Tubercular .....				1	2	3	3
Carried Forward .....							

## MORTUARY STATISTICS

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATH, FIRST  
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

Deaths for the Year, 1916—Continued.

GENERAL DISEASES—Continued.		White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Total
Brought Forward .....								
147	Arthritis and other Diseases of Joints, Tuberculosis and Rheumatism excepted .....							
148	Other Diseases of the Organs of Locomotion .....							
<i>Malformations</i>								
150	Congenital Malformation, Still Births not included .....							
151	Congenital Debility, Icterus Sclerema .....	1		1				1
152	Other Diseases peculiar to early Infancy .....	3	3	6	3	3	6	12
153	Neglect .....							
154	Senile Debility .....	2	4	6	1		1	7
173	Inanition (starvation) .....	8	3	11	27	31	58	69
175	Other Acute Poisoning, Accidental .....				1		1	1
177	Dropsy .....							
179	Causes not specified or ill defined .....					1	1	1
Totals.....		195	166	361	504	538	1042	1403

MORTUARY STATISTICS

ACCIDENTS AND PREMATURE BIRTHS WITHIN THE CITY LIMITS; AGES,  
AND IN HOSPITALS, ETC.,  
YEAR 1916.

CAUSES.	White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Total
Suicide .....	2		2				2
Homicide .....	1		1	12	1	13	14
Accidents .....	9	2	11	14	4	18	29
Drowned .....				1		1	1
Burned .....		1	1				1
Hanged .....							
Want of Vitality .....	3	1	4	20	16	36	40
Premature Birth .....	10	13	23	9	9	18	41
Undeveloped .....							
Still Born .....	19	18	37	110	93	203	240
Totals.....	44	35	79	166	123	289	368

## NUMBER OF DEATHS WITH AGES

AGES.	White	Colored	Total
Under 1 year .....	36	177	213
From 1 to 5 years .....	28	111	139
From 5 to 10 years .....	4	16	20
From 10 to 20 years .....	7	76	83
From 20 to 30 years .....	23	160	183
From 30 to 40 years .....	25	140	165
From 40 to 50 years .....	39	172	211
From 50 to 60 years .....	51	101	152
From 60 to 70 years .....	56	56	112
From 70 to 80 years .....	60	28	88
From 80 to 90 years .....	29	4	33
From 90 to 100 years .....	3	1	4
Over 100 years .....			
Totals.....	361	1042	1403

DEATHS IN HOSPITALS, ETC.			
Charleston Home (Alms House) .....			
Franke Home .....	1		1
Riverside Infirmary .....	11		11
St. Francis Xavier Infirmary .....	25		25
Enston Home .....	4		4
Baker Infirmary .....	37		37
Roper Hospital .....	66	274	340
Colored Hospital .....		3	3
Old Folks Home .....		7	7
County Jail .....			
Totals.....	144	284	428

MORTUARY STATISTICS

NUMBER OF DEATHS WITH PLACE OF NATIVITY AND BURIALS WITHIN  
THE CITY LIMITS, FOR THE YEAR 1916

NATIVITY	White	Colored	Total
City of Charleston .....	181	564	745
South Carolina .....	80	445	525
North Carolina .....	4	1	5
Georgia .....	3	11	14
Virginia .....	2	5	7
New York .....	7	2	9
Alabama .....	2	2	4
Ohio .....	1	.....	1
Maine .....	2	.....	2
Connecticut .....	2	.....	2
Pennsylvania .....	1	.....	1
Rhode Island .....	1	.....	1
Tennessee .....	1	1	2
Massachusetts .....	2	1	3
Florida .....	1	2	3
Illinois .....	1	.....	1
New Jersey .....	1	1	2
England .....	3	.....	3
Ireland .....	18	.....	18
Germany .....	31	.....	31
Russia .....	5	.....	5
Austria .....	1	.....	1
Italy .....	2	.....	2
Sweedden .....	1	.....	1
Norway .....	2	.....	2
Greece .....	2	.....	2
Spain .....	1	.....	1
Unknown .....	3	7	10
Totals.....	361	1042	1403



## BURIALS WITHIN CITY LIMITS

Burials.	White	Colored	Total
The Cathedral .....	1		1
Unitarian Churchyard .....	2		2
St. John's Chapel Churchyard .....	5		5
St. John's Lutheran Churchyard .....			
St. Michael's Churchyard .....			
St. Philip's Churchyard .....	3		3
St. Paul's Churchyard .....	2		2
First Presbyterian Churchyard .....	1		1
Second Presbyterian Churchyard .....	3		3
First Baptist Churchyard .....	2		2
K. K. B. E., Coming Street, Churchyard .....	1		1
Bethel Churchyard .....	1		1
Circular Churyard .....			
Trinity Churchyard .....			
Seaman's Churchyard .....			
Public .....	5	290	295
Calvary Episcopal Churchyard .....		15	15
Ephrat Churchyard .....		2	2
Brown Fellowship Churchyard .....		4	4
Colored Catholic Churchyard .....			
Totals.....	26	311	337

MARRIAGES

Whites .....	137
Colored .....	301
Total.....	438

BIRTHS

White Males .....	356
White Females .....	327
Total.....	683
Colored Males .....	389
Colored Females .....	412
Total.....	801
Grand Total .....	1,484

TWINS

Whites .....	8
Colored .....	14
Total.....	22

TRIPLETS

Whites .....	.....
Colored .....	1
Total.....	1

## COMPARATIVE MORTALITY

Date	Whites			Colored			Whites and Colored		
	Population	No. of Deaths	Percentage	Population	No. of Deaths	Percentage	Population	No. of Deaths	Percentage
1916.....	29,980	361	12.10	80,754	1,042	33.79	60,884	14.03	23.10
1915.....	29,623	447	15.55	80,804	1,184	34.90	60,427	1,184	26.90
1914.....	28,372	452	15.93	31,749	1,080	34.90	80,121	1,080	25.48
1913.....	28,405	899	14.40	30,860	1,046	33.40	59,265	1,445	24.80
1912.....	28,258	486	19.10	30,979	1,173	37.71	59,239	1,659	27.91
1911.....	28,011	484	17.27	30,014	1,130	36.40	59,025	1,614	27.32
*1910.....	27,764	478	16.70	31,019	1,107	35.60	58,833	1,585	26.70
1909.....	28,880	409	14.41	29,435	951	32.30	57,815	1,360	23.50
1908.....	27,925	403	14.04	29,668	1,013	34.10	57,593	1,416	24.50
1907.....	27,470	438	15.75	29,899	968	32.30	57,369	1,401	24.42
1906.....	24,465	442	18.00	81,852	1,102	84.50	56,317	1,544	27.41
1905.....	24,435	440	18.00	31,797	1,058	33.50	56,232	1,497	26.60
1904.....	24,405	455	18.64	31,742	1,089	34.30	56,147	1,544	27.51
1903.....	24,375	426	17.47	31,689	1,041	35.80	56,064	1,467	26.15
1902.....	24,345	461	18.82	31,632	1,153	36.70	55,977	1,614	28.83
1901.....	24,315	477	19.60	31,577	1,149	36.40	55,892	1,626	29.09
1900.....	24,285	484	18.10	31,522	1,242	39.30	55,807	1,726	32.71
1899.....	24,255	526	21.60	31,466	1,277	40.50	55,721	1,808	32.35
1898.....	24,225	491	20.20	31,410	1,255	39.09	55,635	1,746	31.74
1897.....	24,195	447	18.03	31,355	1,143	36.70	55,550	1,590	28.62
1896.....	24,165	521	20.10	81,300	1,348	43.06	55,465	1,869	33.69
1895.....	24,135	540	20.20	31,245	1,297	41.50	55,380	1,837	33.11
1894.....	24,105	479	19.08	31,190	1,300	41.60	55,295	1,779	32.17
1893.....	24,075	535	22.02	31,135	1,284	41.30	55,210	1,819	32.90
1892.....	24,045	586	24.03	31,080	1,317	42.30	55,125	1,803	32.74
1891.....	24,015	553	22.05	31,025	1,371	44.00	55,040	1,924	34.95
1890.....	23,985	511	21.02	30,970	1,310	42.30	54,955	1,821	33.13
1889.....	23,957	516	20.30	80,599	1,431	46.80	54,496	1,947	35.72
1888.....	23,730	419	17.08	30,229	1,875	45.40	53,959	1,794	33.26
1887.....	23,605	549	23.03	29,859	1,316	44.00	53,464	1,865	34.88
1886.....	23,476	571	24.03	29,490	1,596	54.10	52,966	2,167	40.89
1885.....	23,348	487	20.80	29,121	1,250	42.90	52,469	1,736	33.10
1884.....	23,220	592	25.04	28,752	1,215	42.30	51,972	1,810	34.71
1883.....	23,092	540	24.02	28,383	1,286	45.60	51,475	1,826	35.45
1882.....	22,964	584	25.03	28,014	1,172	41.80	50,974	1,756	34.44
1881.....	22,836	651	28.05	27,645	1,292	46.70	50,481	1,943	37.14
1880.....	22,708	500	22.01	27,286	1,121	41.08	49,994	1,621	31.42
1879.....	22,708	517	22.76	27,286	1,075	39.39	49,994	1,592	31.84
1878.....	22,708	514	22.63	27,286	1,125	41.22	49,994	1,639	32.78
1877.....	22,708	555	24.44	27,286	1,258	46.10	49,994	1,813	36.26
1876.....	22,708	668	29.42	27,286	1,343	49.21	49,994	2,011	40.22
1875.....	22,708	624	27.47	27,286	1,240	45.44	49,994	1,864	37.22
1874.....	22,145	718	32.42	26,811	1,230	45.87	48,956	1,948	39.79
1873.....	22,145	507	22.87	26,811	1,009	37.64	48,956	1,516	30.94
1872.....	22,145	521	23.07	26,811	1,036	38.64	48,956	1,557	31.80
1871.....	22,145	714	32.24	26,811	956	35.28	48,956	1,670	34.11
1870.....	22,145	539	24.23	26,811	1,075	40.09	48,956	1,614	33.96
1869.....	20,353	453	22.74	24,570	819	33.33	44,923	1,272	28.31

\*Population U. S. Census, July 1, 1916.

## CHARLESTON WEATHER FOR THE YEAR 1916

## GENERAL SUMMARY

The most noteworthy feature of the year's weather was the July storm. Other unusual features were the warm January, the generally mild summer, the extremely light precipitation except in midsummer, the high percentage of sunshine, and the persistently strong northerly winds of October. As a whole the year was slightly warmer than usual and was largely deficient in rainfall.

The temperature averaged below normal in March, June, July and September, and above normal in other months, the most pronounced excess being in January. The warm weather prevailing in January and the first half of February forced the growth of winter truck crops to such an extent that considerable damage was sustained from the severe freeze of February 15th. The summer was unusually free from oppressive heat. There were only fifteen days during the year when the temperature reached or exceeded 90 degrees, ten of these being in August. The highest temperature during the year was 97 degrees on August 13th. In no other month did the temperature exceed 93 degrees. Freezing temperature occurred on ten days, three each in January and March and two each in February and December. The lowest was 22 degrees on February 15th.

There was a pronounced excess in rainfall in June and July and a slight excess in October, but in all other months the precipitation was markedly deficient. January, February, May, November and December had less than 1.50 inches each. About the middle of June, before the summer rains set in, the accumulated deficiency since the first of the year amounted to 10.52 inches, but by July 27th the

deficiency had been wiped out and there was an excess of 0.85 inch. The year ended with a deficiency of 9.66 inches. The heaviest rain of the year occurred on July 23-24, when 4.19 inches fell in twelve hours and fifty minutes. There were 103 days during the year with precipitation of 0.01 inch or more.

The total wind movement was 96,303 miles and the average hourly velocity was 11.0 miles. Wind velocities of forty miles per hour or over occurred on two days in July and one each in October and December. The July gales were on consecutive days and attended a storm of hurricane type whose center passed inland over or near Bulls Bay. There were 180 clear days, 106 partly cloudy and 80 cloudy. The sunshine averaged seventy-three per cent. of the possible amount, ranging from fifty-six per cent. in July to eighty-two per cent. in September. Thunder storms occurred on fifty days, being most frequent in June, July and August. There was no hail or snow and only a trace of sleet. The last killing frost in spring occurred on March 17th and the first in autumn on November 17th. The period of active growth was thus 245 days in length, which is thirty days less than the average.

#### SUMMARY BY MONTHS

January was unseasonably warm and dry and the barometric pressure was abnormally high, practically equalling the highest average pressure of record at this station. There was much clear weather and the growth of vegetation was forced, especially during the latter half of the month.

Like January, February was dry and sunny, receiving less than half the normal amount of precipitation, and the weather was warm until near the middle of the month, when the most severe freeze of the year occurred, damaging

winter truck crops. For the month as a whole the temperature was nearly normal.

March was an unusual month. Cold waves were of frequent occurrence. The sunshine, the wind movement and the daily range in temperature were the greatest of record for March, and the daily change in temperature equalled the highest previous record. The month was colder than usual but not nearly so cold as in the year 1915. The freeze of the 9th killed young peas outright and injured cabbage, beets and potatoes. The dry weather of the preceding months continued through March.

The average temperature during April was nearly normal, but the extremes of eighty-nine degrees and thirty-eight degrees are quite unusual and the mean daily range was the greatest of record for April. The heavy frost of the 10th seriously damaged gardens and truck crops. Subsequent to the heavy rain of the 3d there was very little precipitation and the drought was severe at the end of the month.

During May the drought was intensified, the monthly precipitation being very light, with high temperature and abundant sunshine. The yield of farms and gardens was greatly curtailed. The only thunderstorm of the month occurred on the 30th in connection with a severe squall that did minor damage over a front of about 150 yards in the northeastern portion of the city. A negro man was killed and a boy injured by a falling sign board.

June witnessed the end of the long drought when heavy rain fell on the 15th. However, prior to that date the drought had become increasingly more acute. From the 25th to the close of the month the rains were abnormally heavy. The temperature during June was not unusual. In the early morning of the 7th a severe squall leveled the trolley wires leading from Mount Pleasant to Sullivan's

Island, temporarily interrupting traffic. A negro fisherman standing in a boat in the harbor was killed by lightning on the 15th, two companions escaping injury. There was a slight earthquake shock on the 25th.

July was cool, cloudy and wet. Excessive rain on the 23-24 flooded streets and interrupted street car traffic at some points. The central feature of the weather was the storm of the 13-14. It was a fully developed hurricane of small diameter and its center passed inland near or over Bulls Bay, moving in a northwesterly direction during the night of the 13-14. Hurricane winds were not experienced in Charleston, the highest velocity being sixty-four miles per hour from the north, and a fortunate shift of the wind direction prevented damaging tides. The material damage in Charleston and vicinity was comparatively small though two lives were lost. A negro man was electrocuted by coming in contact with a live wire and another was drowned when a gravel barge was sunk in the harbor. The U. S. S. Hector was wrecked near Cape Romain but heroic rescue work by the lighthouse tender Cypress and the tug Wellington prevented loss of life. The crew of five aboard the barge Southwest were lost when the barge broke away from the tug Wellington and drifted aground on the shoals off Bulls Bay. The floods in North Carolina and South Carolina resulting from the torrential rains attending the storm's inland progress were responsible for the loss of many lives and the destruction of millions of dollars' worth of property. There has been a popular belief, apparently supported by two hundred years of history, that this coast is immune to such storms prior to the middle of August. Although warned from time to time against it, the public held tenaciously to this belief until the storm of 1916 demonstrated its fallacy.

August was continuously warm but without excessive

heat at any time. Less than half the normal rainfall was received.

September was somewhat cooler than usual and received less than half the normal amount of rainfall. Continuously clear and dry weather from the 16th to the 28th hardened the ground and delayed fall plowing.

October was nearly normal with respect to temperature and precipitation. A striking feature of the weather was the unusual strength and persistence of the north and north-east winds. For days at a time northbound sailing vessels were unable to proceed, and the heavy seas so interfered with a large dredge at work on the channel outside the harbor mouth that it was able to perform only nine days' work during the month. The average hourly wind velocity was the greatest of record at this station. Four negro fishermen were drowned when the fishing boat Kathleen was lost outside the harbor in the gale of the 10th.

The first half of November was warm and the latter half cold. Ice formed on the 16th and 17th and killing frost occurred on the latter date. This was the first frost of the season. The weather was generally clear and dry.

December was generally mild, though there were two cold waves near the middle of the month. Less than half the normal amount of precipitation was received. Sunshine was abundant and there were fewer dense fogs than usual.

More detailed information concerning the weather of the year and the climate of Charleston in general will be found in the accompanying tables.



## TOTAL MONTHLY PRECIPITATION SINCE 1871.

Year.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Annual.
1871.....	1.27	5.21	5.72	5.60	7.87	2.32	2.91	14.97	6.52	3.67	4.09	3.67	63.82
1872.....	3.78	5.13	9.78	2.46	6.30	1.87	2.30	7.81	7.88	3.89	3.40	2.46	57.06
1873.....	4.13	2.27	8.02	1.33	4.90	6.29	6.97	12.94	8.18	2.07	5.08	4.94	62.15
1874.....	3.51	10.45	3.45	2.95	5.50	2.29	13.74	7.06	6.66	1.85	2.11	2.94	62.51
1875.....	7.77	4.27	6.37	4.56	8.51	3.15	1.05	1.91	4.18	3.90	3.38	1.92	50.97
1876.....	0.63	2.43	2.54	4.93	3.77	14.98	11.26	5.10	11.26	14.32	1.35	5.85	78.42
1877.....	4.44	2.96	7.86	15.00	2.71	10.31	10.21	2.21	6.30	4.87	7.02	4.22	78.11
1878.....	7.83	3.15	1.94	9.08	6.32	5.47	12.10	10.73	8.28	3.98	3.18	5.38	77.44
1879.....	1.74	4.56	1.44	6.29	3.36	3.29	7.77	4.50	5.90	6.74	3.70	1.00	50.26
1880.....	2.15	3.97	2.01	3.65	0.90	2.18	5.77	3.07	4.89	9.19	5.50	3.41	46.69
1881.....	5.88	1.56	4.11	3.37	0.48	1.47	4.99	7.25	5.49	1.59	2.15	4.76	43.10
1882.....	1.69	1.09	5.96	2.72	1.82	9.12	5.35	9.32	5.85	6.56	3.54	3.99	57.01
1883.....	4.06	0.92	4.84	3.29	8.62	2.83	8.93	10.05	2.36	1.33	1.08	2.81	51.17
1884.....	5.89	4.29	4.39	3.45	2.18	8.25	9.52	6.12	11.03	0.35	1.49	3.26	60.22
1885.....	6.88	3.64	1.76	1.17	2.20	5.96	7.49	19.18	2.73	8.09	1.94	6.30	67.34
1886.....	5.64	2.13	2.60	1.19	1.00	10.78	4.16	3.28	3.03	0.01	0.33	1.79	35.94
1887.....	4.30	2.29	0.50	3.53	4.26	4.54	7.74	4.12	1.31	3.55	0.64	7.91	44.69
1888.....	1.95	3.64	3.64	1.38	5.82	3.14	6.06	4.01	5.33	4.83	7.54	2.12	49.46
1889.....	6.46	4.54	7.49	2.41	0.98	5.96	6.74	7.86	2.17	0.73	7.28	0.03	52.18
1890.....	1.28	1.28	1.72	2.58	3.67	1.32	12.87	5.16	11.89	4.64	0.42	1.01	47.84
1891.....	2.33	0.99	5.47	2.07	3.85	1.20	8.98	6.96	6.06	4.20	1.77	1.62	45.50
1892.....	4.00	1.54	2.84	0.51	3.03	10.32	10.33	4.73	11.77	0.75	0.98	2.52	53.32
1893.....	3.22	2.97	3.07	1.16	3.36	16.50	4.65	15.53	7.10	7.51	1.36	4.56	70.99
1894.....	1.71	3.91	1.78	0.53	3.47	8.38	11.28	12.11	10.94	4.12	3.14	0.44	56.81
1895.....	7.68	4.47	5.22	4.21	5.63	4.25	6.46	5.08	6.94	0.77	2.44	2.03	55.18
1896.....	4.34	4.04	3.64	0.71	0.52	7.57	10.58	4.72	2.75	1.38	1.77	6.76	47.78
1897.....	0.84	7.61	4.38	1.89	1.20	5.47	9.42	7.34	2.61	7.04	0.50	2.35	50.65
1898.....	0.19	0.51	1.71	2.48	0.64	4.68	12.99	11.34	1.49	3.44	4.63	2.32	46.42
1899.....	2.84	4.82	1.60	3.65	3.31	3.29	5.11	8.66	1.77	3.48	4.95	0.85	44.33
1900.....	3.10	2.31	3.51	8.42	1.38	6.29	1.59	0.40	2.34	4.63	4.48	4.65	38.10
1901.....	2.25	3.58	2.40	1.64	4.30	4.15	5.53	4.95	0.40	0.86	0.79	1.85	32.70
1902.....	0.45	2.92	4.36	1.03	1.43	1.82	6.79	3.04	3.73	3.87	4.05	4.23	37.22
1903.....	5.17	2.07	3.44	0.96	4.85	4.64	3.23	10.83	2.36	2.30	1.20	1.81	42.86
1904.....	3.49	3.57	1.54	0.17	1.46	3.82	6.36	6.62	3.17	4.75	1.85	1.08	37.88
1905.....	1.32	3.67	2.50	2.30	4.38	2.43	5.70	2.63	2.16	2.63	0.94	4.24	34.85
1906.....	3.65	2.08	2.32	1.17	2.91	4.75	8.68	7.87	3.31	4.67	0.88	1.83	43.62
1907.....	0.88	1.61	1.01	3.72	2.98	4.58	2.33	5.04	2.73	1.53	1.22	4.08	31.71
1908.....	2.49	3.16	2.16	4.92	2.01	2.70	2.80	4.88	1.06	1.55	2.75	0.94	31.41
1909.....	0.61	1.86	5.89	3.58	1.54	1.64	4.17	7.85	5.35	2.00	2.44	1.75	38.88
1910.....	1.39	3.64	0.63	1.00	1.01	3.95	4.68	10.00	4.39	6.18	1.61	1.21	39.69
1911.....	0.56	1.11	1.27	1.74	0.13	2.84	2.23	7.52	5.24	3.92	1.49	3.63	31.68
1912.....	3.85	5.17	4.14	4.92	3.93	6.89	3.05	2.77	10.42	0.98	1.30	3.90	51.32
1913.....	0.99	5.53	3.80	1.40	0.19	2.88	5.51	3.50	7.26	6.65	1.19	2.59	41.49
1914.....	2.10	6.87	2.34	2.77	0.82	4.33	7.14	4.43	4.69	4.14	2.34	2.35	44.32
1915.....	7.44	2.53	2.83	1.13	8.92	4.52	2.98	5.40	2.07	4.27	1.65	2.81	46.55
1916.....	1.34	1.47	1.96	2.35	1.22	9.75	11.61	3.10	2.76	4.37	1.11	1.47	42.51
Normal.....	3.45	3.41	3.72	2.99	3.47	5.39	7.26	6.97	5.46	3.93	2.87	3.15	52.07

## MEAN MONTHLY TEMPERATURES SINCE 1871.

Year.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Annual.
1871.....	48	55	64	70	75	83	84	82	72	69	59	48	67
1872.....	45	48	52	66	76	81	85	82	78	65	54	46	65
1873.....	48	53	53	66	74	79	82	81	76	64	55	50	65
1874.....	51	51	60	66	72	81	79	78	75	66	58	52	66
1875.....	47	49	56	61	71	78	85	80	75	63	60	54	65
1876.....	56	55	56	65	71	80	84	82	77	62	56	44	66
1877.....	51	51	56	63	69	80	84	82	77	69	59	54	66
1878.....	50	52	62	68	74	78	83	83	77	67	57	49	67
1879.....	50	49	60	63	72	79	83	80	74	70	59	58	66
1880.....	58	56	63	67	73	80	83	81	75	65	55	48	67
1881.....	47	52	54	60	73	82	83	81	80	72	60	55	67
1882.....	55	57	62	67	71	80	82	82	77	70	56	48	67
1883.....	51	58	54	65	72	81	84	81	75	70	60	56	67
1884.....	47	61	61	64	76	76	82	79	77	72	60	53	67
1885.....	51	48	52	64	73	80	82	81	76	65	59	50	65
1886.....	43	48	54	63	73	78	80	79	77	67	58	49	64
1887.....	46	58	56	64	73	78	82	80	74	66	56	51	65
1888.....	51	55	55	67	73	79	80	81	75	66	58	48	66
1889.....	52	47	55	64	74	77	81	78	76	65	60	60	66
1890.....	59	61	56	65	73	82	80	80	76	68	62	51	68
1891.....	50	58	55	65	70	80	80	82	76	64	56	55	66
1892.....	48	53	55	64	72	78	80	82	75	66	57	52	65
1893.....	43	56	56	68	72	78	83	79	78	68	58	54	66
1894.....	53	53	61	65	72	77	79	80	78	68	57	52	66
1895.....	49	41	56	64	70	79	82	82	78	66	58	51	65
1896.....	48	52	56	66	77	79	82	81	77	67	63	50	66
1897.....	47	55	61	66	72	80	82	81	75	70	62	54	67
1898.....	55	50	62	63	75	80	81	81	78	68	57	51	67
1899.....	50	49	60	63	75	80	81	83	77	69	61	51	67
1900.....	50	49	56	66	74	78	83	84	80	70	60	51	67
1901.....	50	48	57	59	73	77	81	81	77	67	53	49	64
1902.....	47	44	57	62	75	80	83	80	75	69	63	52	66
1903.....	48	54	63	63	71	77	81	82	75	66	55	46	65
1904.....	45	49	59	62	72	77	80	80	77	67	57	50	65
1905.....	46	45	60	66	76	79	81	79	78	68	59	50	66
1906.....	51	49	56	66	72	80	80	82	80	66	59	52	66
1907.....	57	50	65	58	72	77	82	81	79	65	58	52	66
1908.....	49	48	62	69	74	78	81	80	75	65	61	56	67
1909.....	54	55	58	65	72	80	80	80	74	65	61	47	66
1910.....	49	49	60	65	72	77	81	80	77	70	55	46	65
1911.....	53	55	57	64	72	81	81	81	80	72	56	55	67
1912.....	46	46	56	67	75	78	81	81	79	68	56	54	66
1913.....	58	54	60	63	73	76	83	80	75	66	57	52	66
1914.....	50	49	51	65	72	81	81	81	74	68	57	49	65
1915.....	50	52	50	63	76	78	82	82	79	71	61	48	66
1916.....	56	52	55	64	74	78	79	82	75	67	59	53	66
Normal.....	49	52	57	64	72	78	81	80	76	67	58	51	66

**ANNUAL METEOROLOGICAL SUMMARY OF CHARLESTON, S. C., FOR THE YEAR ENDING, DECEMBER 31, 1916.**  
**Latitude N., 32° 47'. Longitude W., 79° 56'. Observations taken at 8 A. M. and 8 P. M., 75th Meridian Time.**

Months	STATION PRESSURE (INCHES)												
	Corrected for Temperature, Instrumental Error and Removal. Station Elevation of Barometer Cistern above Mean Sea Level, 48 feet.												
	MEAN		Observed	Date	Lowest	Observed	Date	Absolute	Rank	Highest	Year	Lowest	Year
	8 A. M.	8 P. M.											
January	30.249	30.232	30.229	20	29.780	17	0.760	30.78	1899	29.12	1898		
February	30.065	30.027	30.037	4	29.430	25	1.110	30.61	1897	29.15	1896		
March	29.987	29.946	29.966	12	29.390	22	0.860	30.66	1873	29.28	1896		
April	29.989	29.936	29.952	11	29.640	8	0.710	30.74	1901	29.24	1877		
May	29.954	29.911	29.924	1	29.590	16	0.620	30.41	1906	29.43	1883		
June	29.932	29.891	29.905	2	29.660	15	0.450	30.30	1902	29.26	1882		
July	29.972	29.947	29.964	30	28.973	14	1.168	30.31	1896	29.02	1916		
August	30.005	29.972	29.982	11	29.740	24	0.440	30.23	1882	29.28	1893		
September	30.020	29.985	29.994	11	29.770	15	0.410	30.38	1904	29.22	1894		
October	30.034	30.009	30.011	24	29.700	4	0.500	30.54	1879	28.86	1893		
November	30.146	30.119	30.121	26	29.650	23	0.870	30.65	1891	29.09	1873		
December	30.056	30.049	30.041	31	29.450	18	0.930	30.69	1896	29.23	1878		
Means, etc.	30.034	30.002	30.000	Jan. 20 Feb. 4	28.973	July 14	0.736	30.78	1899	28.86	1893		

## TEMPERATURE.

Month.	Mean		From Self-registering Instruments.										Days with		Extreme Ranges.		
	8 A. M.	8 P. M.	Mean			Highest	Date	Lowest	Date	Absolute	Range		Highest 90° or More	Lowest 32° or less	Highest	Date	Lowest
			Maximum	Minimum	Monthly						Absolute	Mean Daily					
January	51.1	55.5	64.0	47.8	55.9	77	2	28	18	49	16.2	7.3	0	0	80	29, 1879	10
February	46.8	52.4	60.9	43.1	52.0	76	1	22	16	54	17.8	7.0	0	0	80	18, 1881*	7
March	50.4	55.1	65.0	45.4	55.2	78	14	29	9	49	19.7	7.6	0	0	94	28, 1907	24
April	60.8	64.1	72.6	55.5	64.0	89	14	38	10	51	17.0	4.3	0	0	90	11, 1908	32
May	73.0	73.4	81.5	67.3	74.4	90	7	56	1	34	14.3	2.4	0	0	98	30, 1898	45
June	77.2	77.4	84.5	71.5	78.0	92	12	67	7	25	13.1	2.9	0	0	101	24, 1914	49
July	78.2	79.5	84.3	73.9	79.1	93	20	68	13	25	10.4	1.6	0	0	104	12, 1879	64
August	79.4	80.4	88.2	75.5	81.8	97	13	71	30	26	12.7	2.8	0	0	100	4, 1899	62
September	71.8	75.1	82.0	68.2	75.1	89	7	54	30	35	13.8	2.6	0	0	100	1, 1912	49
October	63.8	67.5	74.0	60.8	67.4	84	17	48	22	36	13.2	3.7	0	0	93	7, 1911	37
November	54.5	59.0	67.0	51.4	59.2	79	10	32	16	47	15.7	4.5	0	0	83	4, 1909*	23
December	49.4	52.3	61.1	44.8	53.0	73	5	30	19	43	16.3	6.5	0	0	78	1, 1908	13
Means, etc.	63.0	66.0	73.8	58.8	66.3	97	Aug. 13	Feb. 22	Feb. 15	40	15.0	4.4	0	15	104	July 12, 1879	7

\*And on one other date.

### MOISTURE AND PRECIPITATION.

MONTH.	Mean Dew Point			Mean Relative Humidity			Mean Vapor Pressure, Inches.			PRECIPITATION																
	Mean Dew Point			Mean Relative Humidity			Mean Vapor Pressure, Inches.			Greatest in 24 hours		2.50 inches or more in 24 hours				1 inch or more per hour										
										Total Amount		Amount		Duration		Date		Amount		Duration		Date				
	8 A. M.	8 P. M.	Monthly	8 A. M.	8 P. M.	Monthly	8 A. M.	8 P. M.	Monthly	Amount	Date	Amount	Duration	Hrs.	Mins.	Date	Amount	Duration	Hrs.	Mins.	Date	Amount	Duration	Hrs.	Mins.	Date
January	47	50	48	86	82	84	.348	.379	.364	1.34	0.63	16-17	2.50	6:47	15	1.77	0:37	15	3:08	1:18	27	1.00	0:29	30	0	0
February	39	42	41	75	70	73	.269	.297	.283	1.47	0.94	28-29	2.87	3:55	27-28	3.08	1:18	27	20:23	13-14	1.00	0:29	30	0	0	
March	41	43	42	71	65	68	.285	.300	.292	1.56	1.12	2-3	4.19	20:23	13-14	1.00	0:29	30	12:50	23-24	0	0	0	0	0	
April	49	52	50	67	66	66	.362	.398	.380	2.35	2.05	2-3	4.19	12:50	23-24	0	0	0	0	0	0	0	0	0	0	
May	62	64	63	70	74	72	.576	.605	.592	1.22	0.59	23	0	0	0	0	0	0	0	0	0	0	0	0	0	
June	63	69	69	75	77	76	.697	.723	.710	0.75	3.97	27-28	2.97	3:55	27-28	3.08	1:18	27	20:23	13-14	1.00	0:29	30	0	0	
July	72	72	72	82	80	81	.786	.798	.792	11.61	4.19	28-24	4.19	12:50	23-24	0	0	0	0	0	0	0	0	0	0	
August	72	73	73	79	78	79	.801	.816	.808	3.10	1.20	29	0	0	0	0	0	0	0	0	0	0	0	0	0	
September	66	66	66	81	75	78	.642	.661	.652	2.76	1.45	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
October	58	61	60	83	81	82	.517	.559	.538	4.87	2.39	18-19	0	0	0	0	0	0	0	0	0	0	0	0	0	
November	48	51	49	79	77	78	.367	.408	.388	1.11	0.52	28-29	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	43	44	44	80	76	78	.308	.312	.310	1.47	0.64	11-12	0	0	0	0	0	0	0	0	0	0	0	0	0	
Means, etc.	55	57	56	77	75	76	.496	.522	.509	42.51	4.19	July 23-24													0	

## WEATHER.

## PRECIPITATION.

MONTH	Extreme Monthly Amount				Snowfall, Unmelted Inches		Cloudiness			Hours of Sunshine				
	Greatest	Year	Least	Year	Greatest in 26 years	Date	Number of Days			Mean	Total	Possible	Percentage	Normal Percentage
							Clear	Partly Cloudy	Cloudy					
January	7.83	1878	0.19	1898	1.9	Jan. 18, 1893	10	17	6	4.5	216.0	317.7	68	56
February	10.46	1874	0.51	1899	3.9	Feb. 18, 1899	19	7	2	3.4	253.4	309.9	79	54
March	9.78	1872	0.50	1887	3.9	Mar. 2, 1890	22	7	2	3.3	290.0	371.6	80	61
April	16.00	1877	0.17	1904	1		18	9	3	3.3	316.6	390.3	81	66
May	8.92	1915	0.13	1911			17	8	6	3.9	340.0	430.1	79	67
June	16.60	1893	1.20	1891			7	13	10	6.0	281.6	428.4	66	65
July	13.74	1874	1.05	1875			6	11	14	7.1	244.4	436.9	56	58
August	19.18	1886	0.40	1900			16	10	5	3.8	312.0	413.7	75	58
September	11.89	1890	0.40	1901			19	9	2	2.6	304.2	371.1	82	63
October	14.32	1876	0.01	1886			14	8	9	5.2	237.2	351.9	67	63
November	7.54	1888	0.33	1886			16	8	6	2.7	249.5	313.8	80	64
December	7.91	1887	0.03	1889	2.5	Dec. 20, 1915	16	4	11	3.9	209.1	310.6	67	55
Means, etc.							189	106	80	4.1	3263.0	4456.0	73	61

## WIND.

Month	Total Movement, Miles	Prevailing Direction	Normal Direction	Maximum Hourly Velocity		Number of Days With Gale	Direction—Number of Times Observed Blowing from the								Extreme Hourly Velocity	
				Miles	Direction		North	Northeast	East	Southeast	South	Southwest	West	Northwest	Miles	Direction
January.....	7900	NE	N	37	NE	0	12	16	6	2	10	12	0	4	44	SW
February.....	8395	SW	SW	34	N	0	7	9	3	3	5	15	11	5	56	SE
March.....	9510	SW	SW	36	W	0	6	5	6	2	7	21	8	8	55	NE
April.....	8401	S	SW	38	S	0	7	3	5	4	15	7	10	9	67	SE
May.....	8175	S	SW	35	S	0	6	3	8	7	16	11	7	4	53	NE
June.....	6816	S	SW	38	NW	0	2	1	6	6	23	12	8	3	58	NE
July.....	8348	S	SW	64	N	2	4	7	5	15	14	12	1	4	64	N
August.....	6496	SW	SW	31	NE	0	7	6	9	1	13	16	7	2	*106	SE
September.....	7455	NE	NE	31	NE	0	18	15	3	7	9	4	1	3	62	S
October.....	10331	N	NE	44	NE	1	24	19	4	1	6	5	1	2	64	N
November.....	6759	N	N	34	SW	0	11	19	4	2	6	7	4	7	54	SE
December.....	7717	NE	N	44	S	1	6	13	4	3	8	12	10	6	50	SE
Means, etc., .....	96303	SW	SW	64	N	4	110	116	62	52	182	134	68	57	*106	SE
																August, 27, 1911

\*Not an instrumental record: estimated by comparison with record at Charleston Museum.

**WIND**  
**MEAN HOURLY VELOCITY FOR THE HOURS ENDING**

Months	1 A. M.	2 A. M.	3 A. M.	4 A. M.	5 A. M.	6 A. M.	7 A. M.	8 A. M.	9 A. M.	10 A. M.	11 A. M.	Noon	1 P. M.	2 P. M.	3 P. M.	4 P. M.	5 P. M.	6 P. M.
January	10.7	9.7	11.0	10.4	9.5	9.1	9.0	8.8	9.2	9.8	11.1	12.6	13.1	12.7	12.5	12.1	11.4	10.9
February	11.2	11.6	11.4	11.4	11.1	10.4	11.0	11.4	12.1	12.2	12.8	13.1	14.0	14.3	14.0	14.4	14.1	12.5
March	10.0	10.3	10.8	11.5	11.8	11.5	10.9	11.6	13.1	13.4	13.8	14.8	15.2	15.0	16.4	16.4	16.2	14.0
April	9.8	9.4	9.4	9.6	9.5	9.6	10.0	11.0	12.5	13.2	14.0	14.0	14.9	15.6	15.5	15.0	14.5	13.3
May	9.8	9.6	9.1	9.3	9.1	8.6	8.5	9.2	10.6	10.7	11.4	12.4	13.5	14.4	14.5	14.4	13.9	12.7
June	7.8	8.2	7.7	7.2	7.3	7.5	7.1	7.9	8.8	9.1	9.0	9.5	11.5	12.3	13.0	12.5	12.0	11.7
July	10.0	9.5	9.3	9.5	9.1	8.6	9.4	10.1	11.3	11.5	11.2	11.7	12.8	13.8	14.5	14.3	13.9	13.6
August	6.6	6.5	6.5	6.6	6.4	6.5	6.3	7.5	8.4	8.2	8.2	9.6	10.7	11.9	12.2	12.4	12.0	11.1
September	8.4	8.4	8.1	8.3	8.5	9.2	9.6	10.2	11.3	11.1	11.2	11.0	12.1	12.4	13.3	13.0	13.3	12.1
October	12.4	12.9	13.0	13.2	13.0	13.1	13.6	14.5	15.3	15.1	15.6	15.8	15.7	16.6	16.3	16.2	15.7	13.1
November	8.7	8.6	8.4	8.8	9.0	8.7	8.3	8.9	9.3	9.9	10.3	10.8	10.5	11.0	11.6	11.4	10.9	9.3
December	8.8	9.3	10.3	10.0	10.5	10.4	10.1	11.2	11.2	11.4	11.3	11.4	12.4	12.0	12.1	11.0	11.0	10.0
Means, etc.	9.5	9.5	9.6	9.6	9.6	9.4	9.5	10.2	11.1	11.3	11.7	12.2	13.0	13.5	13.8	13.5	13.2	12.0



WIND										NUMBER OF DAYS WITH				
MEAN HOURLY VELOCITY FOR THE HOURS ENDING														
Months.	Mean Hourly Velocity						Precipitation		Hall	Dense Fog	Thunderstorms			
	7 P. M.	8 P. M.	9 P. M.	10 P. M.	11 P. M.	Midnight	For the Month	Normal				0.01 inch or over		
												0.04 inch or over	0.01 inch or over	
January	10.0	10.2	10.3	10.2	10.5	10.5	10.6	10.8	9	7	0	0		
February	10.4	10.2	10.8	11.9	12.1	11.2	12.1	11.8	8	5	0	4		
March	12.3	12.1	11.7	11.6	11.2	11.1	12.8	11.4	6	5	0	1		
April	11.5	10.1	9.7	9.4	9.2	9.8	11.7	11.7	5	4	0	4		
May	11.2	10.4	10.1	9.9	10.1	10.4	11.0	11.1	3	3	0	1		
June	10.9	9.9	9.3	9.1	9.4	8.5	9.5	10.5	12	11	0	13		
July	12.5	11.5	10.4	10.4	10.5	9.9	11.2	9.9	16	13	0	9		
August	10.2	9.5	8.9	8.3	7.6	7.3	8.7	9.4	9	8	0	11		
September	10.6	10.2	9.4	8.7	8.8	9.3	10.4	10.9	8	6	0	4		
October	12.2	11.7	12.3	12.2	11.8	12.1	13.9	11.5	9	7	0	2		
November	8.5	8.6	8.8	8.4	8.5	8.5	9.4	10.0	6	4	0	0		
December	9.4	9.3	9.3	8.9	8.7	8.8	10.4	10.4	12	9	0	0		
Means, etc.	10.8	10.3	10.1	9.9	9.9	9.8	11.0	10.8	103	82	13	50		

J. H. SCOTT,  
*Meteorologist U. S. Weather Bureau.*

# Report of City Electrician

REPORT OF CITY ELECTRICIAN

*To the Honorable the Mayor and Aldermen  
of the City of Charleston, S. C.*

*Gentlemen:*

I beg leave to submit for your consideration my first annual report, for the year 1916.

Forty-five permits were issued to, and one hundred and thirty-nine poles set, by the Charleston Consolidated Railway & Lighting Company.

Two permits were issued to, and twenty-one poles were reset, by the Fire Department.

Three permits were issued to, and twelve poles were reset by, the Western Union Telegraph Company.

The Charleston Consolidated Railway & Lighting Company has done a great deal of work on their power, lighting and trolley lines during the past year.

Rebuilding their lines from East Bay to Meeting Street, on Broad, and from Rutledge Avenue to Ashley Avenue; also rebuilt the trolley line on Rutledge Avenue, from Wentworth Street to Calhoun.

Have inspected the new work on President Street, and on Charlotte Street, and removed the poles from the street to the sidewalk wherever possible.

The Water Works fire alarm has been rebuilt and repaired by the Southern Bell Telephone Company, as per contract, from the Police Station to the Pumping Station, and is now in working condition. The batteries and wires in the Police Station have been overhauled and repaired.

The Charleston Consolidated Railway & Lighting Company have changed one-third of the old arc lights to the new type of lamp as required by their agreement with the City.

## MUNICIPAL INSPECTION

During the year this department has issued 1,082 permits to do electrical construction work, made 2,564 inspections covering old and new work, issued 834 certificates, covering 8,233 incandescent lights, forty receptacles, 104 fans, twenty-three meter loops, one X-ray machine, one rectifier, three rewirings, two cut-in, and sixty motors (equivalent to 270-horse power).

## Statement of the inspection account :

Salary City Electrician .....	\$1,800.00
Salary Assistant City Electrician .....	1,200.00
Salary of Lineman .....	600.00
	<hr/>
	\$3,600.00
Post Office Stamps .....	15.00
Printing and Stationery .....	53.00
Post Office Box .....	4.00
Miscellaneous .....	21.00
	<hr/>
	\$3,693.60
Appropriation .....	\$3,700.00
Expenditures .....	3,693.60
	<hr/>
Bal. to income account....	\$ 6.40

The following work has been done on the Fire and Police Alarm Telegraph during the year :

Transferred cable box from old pole to new one, and reset three new poles on Archdale Street, taking down old poles and rebuilt the line.

Repaired cables on Meeting Street, from Line Street to

Queen Street, and cable from cable-box on St. Philip Street, to Police Station.

Repaired circuits No. 1, 2, and 3; signal and telephone damaged by the storm in July, and cable on Rutledge Avenue, from Morris Street, to Spring Street, damaged at the same time.

Changed the position of the Charging Panel and Police Desk at the request of the Chief of Police, and overhauled the batteries and wires for the Water Works fire alarm.

Cost of the above work as follows:

Freight and wagon hire .....	\$ 50.00
Wire .....	571.66
Car fare .....	50.00
Miscellaneous .....	12.45
Labor .....	127.00

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\$ 811.11

Appropriation ..... \$1,100.00

Expenditures ..... 811.00

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Bal. to income account.... \$ 288.89

Calls sent in over the system:

Telephone calls .....	87,974
Wagon, automobiles and special calls .....	6,559
Total calls .....	94,533

#### POLICE ALARM AND TELEGRAPH SYSTEM

Have mended several breaks in the telephone system and

three breaks in the signal system, exclusive of trouble due to the storm last summer, when we had to repair all of the circuit, and rebuild circuit No. 3, from Cleveland and King Streets, to the City boundary.

Cost of maintenance of Police Alarm system for the year:

Supplies .....	\$ 494.95
Labor .....	480.00
	<hr/>
	\$ 974.95
Appropriation .....	\$1,062.00
Expenditures .....	974.95
	<hr/>
Bal. to income account....	\$ 87.05

#### INSPECTION OF THEATERS

Under this ordinance this department has inspected the performances at the Victoria Theater and the Academy of Music and the moving picture houses, examined the electrical apparatus used in the buildings.

Under the picture ordinance we have examined and issued licenses to three (3) moving picture operators, and nine licenses were renewed and turned into the Treasurer's Department, twenty (\$20.00) dollars collected for same.

#### Expenses of Examining Board:

Appropriation .....	\$5.00
Expenditures .....	.00
	<hr/>
Bal. to income account.....	\$5.00

I have recommended to change the present Police System for a new one, as I think the City, and especially the Police Department, would get more efficiency and much better service than they are getting now.

Very respectfully submitted,

C. C. SCHIRMER, JR.,  
*City Electrician.*

Approved:

JOHN F. RILEY, *Chairman,*  
*Committee on Electric Wires.*

## LIGHTING THE CITY.

*To the Honorable the Mayor and Aldermen of the  
City of Charleston, S. C.*

*Gentlemen:*

I beg leave to submit for your consideration my Annual Report on lighting the streets of the city for the year 1916.

The Streets of the city are now lighted with 372 Arc Lights of 1,200 (normal) candle power, 610 gas lights of 60 (normal) candle power, and 11-32 candle power series incandescent lights.

During the month of June three Arc lights were put in, July two arc lights, August one arc light, and in November one arc light making a total of 372 arc lights.

During the month of March one gas light was put in service and in December two gas lights were put in service, making a total of 610 gas lights now in service.

During the year the Charleston Consolidated Railway & Lighting Company have changed one third of their old arc lights for the new type "C" nitrogen lamps and they are a great improvement on the old lights.



STATEMENT OF LIGHTING ACCOUNT

Arc and Series lights .....	\$19,772.55
Deductions per Police Reports .....	196.80
	<hr/>
Amount paid .....	\$19,575.75
 Gas lights .....	 \$15,474.73
Deductions per Police Reports .....	13.87
	<hr/>
Amount paid .....	\$15,460.86
 Ornamental lighting of King Street from Broad to Line Street.....	 \$ 3,999.88
Car tickets .....	55.00
Lighting Columbus Street.....	100.00
	<hr/>
	\$39,191.49
Appropriations .....	\$39,663.00
Expenditures .....	39,191.49
	<hr/>
Balance to income account .....	\$ 471.51

Very respectfully submitted,

C. C. SCHIRMER, JR.,  
*City Electrician.*

# Report of Meter Inspector

REPORT OF INSPECTOR OF METERS

Charleston, S. C., December 31, 1916.

*To the Honorable the Mayor  
and City Council of Charleston, S. C.*

*Gentlemen:*

I have the honor to submit my first report as Inspector of Meters; my term of office commenced February 1, 1916.

There are two recommendations I have to offer which I truly hope will meet with your approval:

As I have had several complaints that meters were tampered with after complaints were filed in my office, I would respectfully recommend that you have introduced and passed an ordinance providing that all meters to be tested be first sealed on the premises by the City Inspector of Meters, and then to be removed by the Company, within three (3) days and then tested by the City Inspector of Meters, in the presence of a representative from the Company, and the consumer, should he desire to be present.

The other recommendation, I beg to submit, is for the purchase of a Standard Prover, for testing water meters, as it will only be a short time before meters will be installed on all premises, and as I have only a portable test meter, which has to be sent to the factory occasionally to be checked against a standard prover, and I will include same in my estimate for appropriations for the year 1916.

A considerable number of complaints were filed with me about the new water meters that the Water Company were installing, and in March, I made arrangements with the Water Company to test and seal all the new meters before they were installed, and I have continued this up to the present time.

I append hereto as part of my report schedules of expenses for the year 1916, equipments I now have, together with a report of meters inspected and tested.

All of which is respectfully submitted,

JOHN F. FERGUSON,

*Inspector of Meters.*

EXPENDITURES FOR 1916

Appropriation .....	\$1,550.00
Salary .....	\$1,375.00
Printing and Stationery .....	22.50
Stamps, Car Tickets, Wire and Seals .....	27.11
Total.....	1,424.61
Balance to income account .....	\$ 125.39

EQUIPMENT OF HAND

- 1 Five-foot Gas Meter Prover.
- 1 Portable 5-light Gas Test Meter.
- 1 Portable Water Test Meter.
- 1 110-volt A. C. Voltmeter.
- 1 500-volt D. C. Voltmeter.
- 1 Portable A. C. Rotating Standard.
- 1 Portable D. C. Rotating Standard.
- 1 Rheostat.
- Wrenches, Leads and Seals.

METERS INSPECTED AND TESTED

	<i>Gas.</i>	<i>Water</i>	<i>Elec.</i>	<i>Total</i>
Tested .....	61	2,112	18	2,191
Found slow .....	24	2	1	27
Found fast .....	32	3	9	44
Found correct .....	5	2,107	8	2,120
General Inspection.....	149	236	271	656

JOHN F. FERGUSON,  
*Inspector of Meters.*

# Inspector of Plumbing

## REPORT OF PLUMBING INSPECTOR

*To the Honorable the Mayor and Aldermen  
of the City of Charleston.*

*Gentlemen:*

I beg leave to submit for your consideration my Annual Report for the year 1916:

During the year there was issued:

1,378 Plumbing permits.

916 Sewer permits.

242 Final Certificates.

2, 904 Inspections of old and new work, including sewer connections.

Statement of Plumbing Inspector's account:

Salary Plumbing Inspector .....	\$1,200.00
Salary, Dec. 21, 1915, to Jan. 1, 1916.....	35.48
Car Tickets .....	15.00
One new Bicycle .....	30.00
Repairs to Bicycle .....	13.30
Office Supplies .....	4.00
	<hr/>
	\$1,297.78

Appropriation ..... \$1,300.00

Expenditures ..... 1,297.78

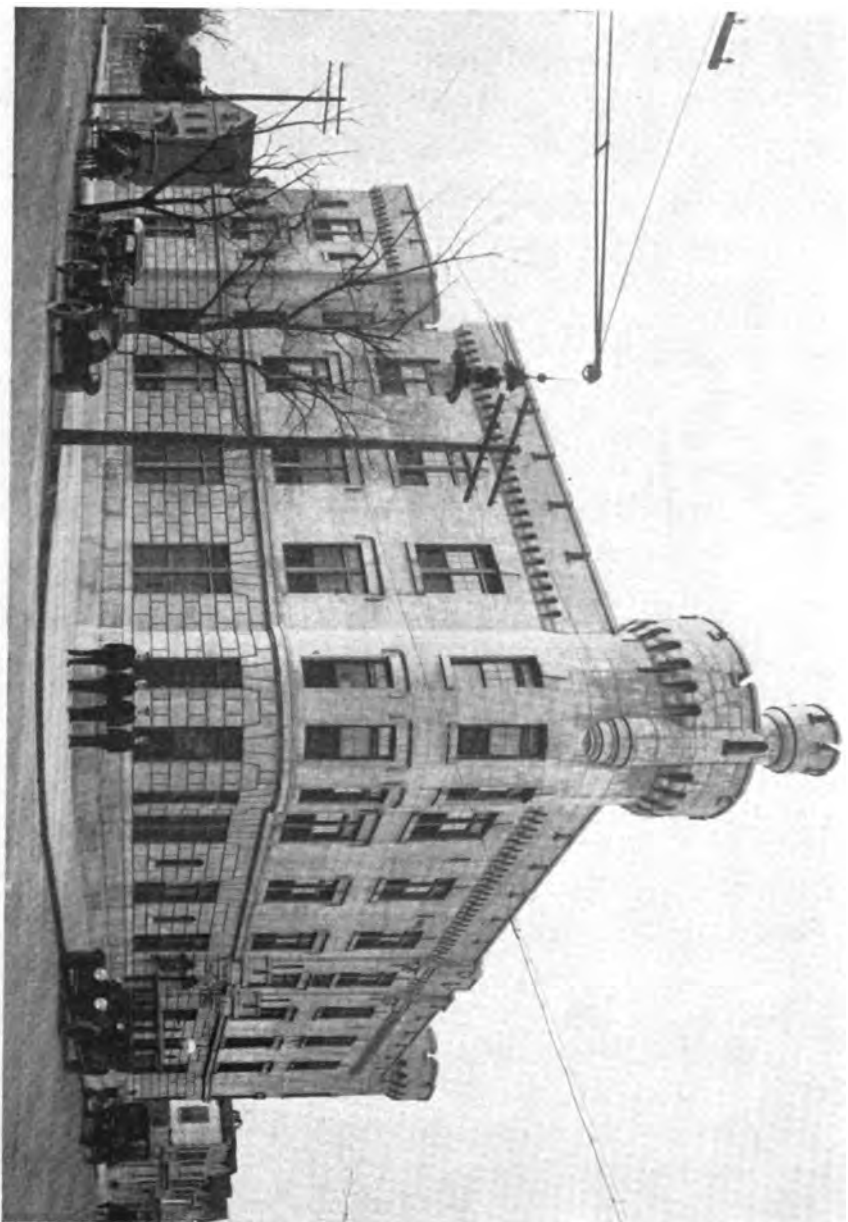
Balance ..... \$ 2.22

Respectfully submitted,

J. D. MASTERS,  
*Plumbing Inspector.*

# Report of Chief of Police





POLICE STATION

## REPORT OF CHIEF OF POLICE.

Charleston, S. C., January 1, 1917.

*To the Honorable Tristram T. Hyde, Mayor,  
and the City Council of Charleston.*

Gentlemen: I have the honor to submit herewith my First Annual Report of the Department of Police for the fiscal year ending December 31st, 1916, the tabulations set forth in detail, the cost of maintenance, the amount of fines paid and deposited with the City Treasurer, and all data pertaining to the Department.

The work of the Department during the past year has been successfully carried on, and I feel that the entire personnel of the Department is deserving of commendation.

## STRENGTH OF THE DEPARTMENT.

## ONE CHIEF.

Three Lieutenants.	One City Electrician.
One Clerk.	Ninety-one Privates.
Two Orderly Sergeants.	One Detective Sergeant.
Eight Duty Sergeants.	One Stable Foreman.
One Chief of Detectives.	Two Chauffeurs.
Six Detectives.	Two Special Officers.
One Fireman for Furnace.	Two Gatemen.
Two Daymen.	Two Drivers.
Two Matrons.	One Stenographer.

## HEALTH OF THE DEPARTMENT.

The health of the Department has been good and free from epidemic of any character. It is with deep sorrow and regret that I report the death of Private James J. Duffy, who was fatally shot on Sunday morning, July 16th, 1916, while faithfully discharging his duty. It is also painful to report the death of Private Henry G. Phillips and Chauffeur James Simons, (colored). These were faithful and efficient officers and a page of this report is dedicated to their memory.

### THE DISCIPLINE.

The discipline of the Department has been maintained, and I do not believe there is a man on the force who is at any time in other than good condition to handle the business of the Department to which he is assigned.

During the past few months it has been necessary to make several changes for the good of the Department, which I am pleased to report have worked out very satisfactorily. It has been my aim to put the right man in the right place, and this I mean to do as far as possible, so that we may receive the very best that is in our men by placing them in such places to which they are adapted.

### RECORDS FILED.

I am enforcing rigidly a rule that a record be made and kept of all transactions handled through the Police Department, so that a copy of same can be furnished at any time it may be desired, and feel that this is a great improvement to the Department and also of vast importance.

### COCAINE.

The Ordinance prohibiting the sale of this atrocious drug has been vigorously enforced, and the sale of this drug has been considerably decreased. I feel positive that this drug is only obtainable from pharmacists in a legal way.

### CONCEALED WEAPONS.

The records show a decrease in convictions for carrying concealed weapons over the previous year, as there were 76 convictions during the year 1915 and 47 during the year 1916. There is also a decrease in the total shooting affairs during the year, as the records show 7 fatal affairs as compared to 9 during the year 1915. This shows the vigilance

of the Department in suppressing the practice of carrying concealed weapons.

#### DISORDERLY PERSONS.

While the records show an increase of 83 disorderly persons over the previous year, this is not to be taken as an evidence of a decrease of the law-abiding spirit among our citizens. Outside of the increased number of arrests caused by the growth of our City, I believe the economic conditions growing out of the great war have increased the wandering population of our country and Charleston is getting its share of this.

#### PLACES FOUND OPEN AND SECURED.

There were 154 stores and offices found open and secured by the Department for the past year. This shows the continued carelessness on the part of the owners and occupants.

#### TRAFFIC ORDINANCE.

The Traffic Ordinance has been rigidly enforced which appears from the number of arrests made during the past year. The regulations of same has been dealt with in a cautious, civil manner, and owners have been furnished with copies of "The Traffic Regulation Ordinance." The Traffic Officers have efficiently handled the situation. I also wish to extend thanks to the Board of Examiners of Chauffeur's Licenses for their hearty co-operation during the year.

#### LAW ENFORCEMENT.

I am endeavoring in every possible way to carry out the law enforcement platform of the present administration. It is gratifying, indeed, to have the support of the Mayor and Aldermen in this undertaking. I have endeavored to cause places where crimes of various kinds are committed

to be reduced to a minimum, and this we have done. Whenever any illegal act springs up we try to suppress it at once so as to give no excuse for anyone to start in the same business. I must admit that in some instances, with the limited number of men at my disposal, I have been unable to do many things in the way I wanted them done. However, I have placed the men in such positions as to get the best results.

#### DISTURBANCES AND DISORDERS.

The most serious disturbance in the City during the past year, and the only crime of great excitement, was the shooting and killing of Private James J. Duffy by Leroy Michel, on July 16th, 1916. Private Duffy died a few minutes after being wounded. Leroy Michel was located about three hours after the shooting, and within six hours after this occurrence we were successful in having all witnesses at the Police Station. I feel that the Department deserves commendation for the prompt apprehension of Leroy Michel, as none of the members of the Department knew which one of the party was responsible for the crime, and the City at that time was in comparative darkness, without telephone service, owing to the storm which occurred on the night of July 14th, which was the night previous to the killing of Private Duffy.

There were several other murder cases in which all guilty parties were promptly apprehended.

#### IMPROVEMENTS.

Since taking charge of the Department I have had the entire building renovated, the interior being whitewashed and all furniture varnished. I have had a Matron's room installed, which has added greatly to the Department and the comfort of the Matrons. By making this addition the

room formerly used by the Matrons has been converted into the much needed "Jury Room."

The thirty by sixty-foot space between the east and west wing of the building on Vanderhorst Street, which has been a continuous annoyance to the Department on account of the children using this space for a skating rink, has been fenced and converted into a Flower Garden, which adds considerably to the Police Department building.

A new entrance has been made to the Court Room on Vanderhorst Street, which enables the colored people to enter the Court Room without passing through the main lobby and which leaves the main entrance for white people only.

The stable has been thoroughly repaired and room made inside for the storing of the patrol cars, which were subject to the weather in previous years.

A gate was placed at the entrance of stables, thus enabling us to dispense with the service of a day watchman, which saves the Department \$720.00 a year and gives the Department the service of this man elsewhere.

There has also been installed a Bowling Alley and reception room for the pleasure and comfort of the men while off duty. The rifle range, which has also been added, is fully equipped for target practice of 25-50-75 and 100-foot distance. We have two of the latest model rifles, viz.: U. S. Springfield Armory Model and King's Improved Winchester. I feel that the rifle practice has been a great benefit to the members of the Department, as anyone of the members can puncture a 3-inch bull's-eye three times out of five at a 50-foot distance with pistols, and four times out of five with a rifle at a distance of seventy-five feet.

#### FIRE ESCAPE.

We were successful in having a fire escape installed for

the protection of the members of the Department. There have been placed two fire escapes from the second to the third story, one on the east and the other on the west side of the building; and one from the ground floor to the second story. Previous to this there was only one exit, which was the stairway on the north side of the building over the boiler room, which made it quite dangerous for the lives of about 35 or 40 men who were compelled to sleep in the Station each day and night.

#### AUTOMOBILE PATROL.

The new Ford automobile patrol which I designed has proven very beneficial to the Department in giving prompt and efficient service, and also in answering emergency calls. This car has cut down the expense considerably, as we can operate same on less than half of the cost of operating the large Cadillac patrol. Within the past few months I have added a new Ford touring car to be used by the Lieutenants, Chief Detective and Sergeants in charge of the Raiding Squad for emergency cases only, and this car has proven greatly beneficial.

#### MOTORCYCLES.

During the year I purchased a motorcycle, which has been a source of benefit in handling traffic cases and pursuing those who exceed the speed limit. There has also been added six bicycles, which have been of great assistance to the Raiding Squad and gave an opportunity to patrol the outskirts of the City, which has been commended by the citizens of that vicinity, as this is the first protection that they have had since the organization of the Police Department.

#### HORSES.

When I took charge of the Department there were only four out of the nine horses that could be used, as the other

five horses were old and unfit for service. Five of these were sold at public auction and two were traded for stock that we now have on hand. I beg to say that the money for these horses that were sold was all turned over to the City Treasurer. There has been added to the Department seven new young horses. Of the Police Department's general appropriation for the year 1916 there has been spent, in addition to the special appropriation for horses only, \$36.15 for the purchase of the horses we now have on hand. I feel that there is no City in the South equipped with a better class of horses than we have at the present time.

#### JUVENILE WORK.

Since the association of the Juvenile Protective League with the Police Department it is gratifying to say that the City has been helped to a great extent with caring for the petty offenders. When a boy is brought to the Police Station, instead of charges being made against him, an investigation is made by the officer of the day of the case and efforts are made to adjust matters without subjecting the offender to trial, the discretionary powers of myself and the officer of the day being used, unless the prosecutor desires that the case be handled by the Recorder instead of the Juvenile Protective League. Mr. W. R. Lunk, Executive Secretary of the J. P. L. Association, in every case considers the welfare of the boy. He has labored faithfully in the Juvenile work for the past year, and I desire that he be given much credit for same, as he deserves commendation for his noble work.

In this connection I might add that it would be very beneficial to have some kind of institution of correction for the colored boys and girls, and also for the white boys and girls, which I think would be a source of relief to the community and those interested in this kind of work.



## DETECTIVE DEPARTMENT.

The Detective Department under Chief Detective Thomas M. O'Brien during the past year I consider excellent and worthy of commendation, having recovered stolen goods valued at \$13,450.45 and apprehended 415 prisoners, who were referred to Magistrates and the Court of General Session for trial of different offenses. This department has successfully waged an incessant campaign against gambling in every form.

## SALARIES.

In reference to the pay roll I wish to say that the increase as provided by Ordinance for the members of the Department will amount to \$2,700.00 during the year 1917, which I am sure will be greatly appreciated by the members of the Department and will greatly encourage them in their work.

## APPROPRIATIONS.

The appropriation made for the year 1915 amounted to \$143,399.21. At the end of the year the Department was in debt \$676.40, with 38 cents in the treasury, making a total spent by the Department of \$144,075.23 for the year 1915.

The appropriation made for the year 1916 was \$139,506.60, from which the City Council set aside \$3,000.00 for the Pension Fund, leaving me a balance of \$136,506.60, in addition to which the Department received an extra appropriation of \$1,500.00 and the balance of the dog pound Fund of \$414.50, making a total appropriation for the year of \$138,421.10, out of which amount I paid the debt of the Department for the year 1915, amounting to \$676.40. My expenditures for the year 1916 amounted to \$137,727.63, with a balance of \$17.07 in the treasury,

showing a saving for the City of \$6,347.60 over the previous year.

#### DEATH BENEFIT ASSOCIATION ORGANIZED.

It gives me great pleasure to report the successful efforts in organizing a death benefit association for the members of the Police Department. With the co-operation of several members of the Department and the Honorable Mayor we were successful in holding our first meeting of the association on December 1st, 1916. After talking the matter over seriously with the men it was decided to call our next meeting on January 1st, 1917, at which time the meeting was held and rules adopted, giving the Police Department now a death benefit association.

The following officers were elected to serve for one year, from January 1st, 1917, to January 1st, 1918:

President, Mayor of the City, Hon. T. T. Hyde.

Vice-President, Chief of Police, Joseph A. Black.

Secretary and Treasurer, Chief's Clerk, H. Wilbur.

Board of Directors: Lieutenant Conrad H. Stender, Chief Detective T. M. O'Brien, Sergeant H. F. Schultze, Privates Philip Shokes, C. M. Eaton and George McNeil.

It is indeed gratifying to know that the policemen are protecting their families through an association of this kind and that it will not be necessary to take up a collection as in former years, which has in some cases caused embarrassment to the members' families, as they felt that they were accepting a charitable collection, and now coming through an association it will be received without embarrassment. The organization will be known as The Police Death Benefit Association.

In conclusion I desire to thank His Honor, the Mayor; the Members of City Council, His Honor, the Recorder; the Officials of the City Departments and to the press for their many courtesies and co-operation during the past year.

All of which is respectfully submitted,

CAPT. JOSEPH A. BLACK,

*Chief of Police.*



**CAPT. J. A. BLACK, Chief of Police**



**T. M. O'BRIEN, Chief Detective**

Charleston, S. C., January 1st, 1917.

Mr. Joseph A. Black,  
Chief of Police,  
Charleston, S. C.

Dear Sir:-

I beg to herewith submit my report of the Detective Department for the year ending December 31st, 1916.

Amount of goods recovered and delivered to owners.....	\$13,350.45
Amount of goods recovered and Unclaimed .....	100.00
	<hr/>
	\$13,450.45
Number of Complaints and requests.....	1,024

There were 415 arrests made by this department during the year. Seventy seven were convicted in the Court of General Session and twenty six cases still pending and 312 cases handled through the Recorder's Court.

I beg to say that in my humble judgment the several improvements made by you in the Detective office, particularly the private room installed, is a great improvement and will tend to promote the efficiency of the corps. Thanking you for the many considerations shown me and my men, I am,

Very truly,

T. M. O'BRIEN,

Chief Detective.

**REPORT OF RAIDING SQUAD FROM JANUARY 1ST, 1916  
TO DECEMBER 31ST, 1916.**

Raids without warrants .....	1,263
Raids with warrants .....	804
<b>Total.....</b>	<b>2,067</b>

**AMOUNT OF LIQUOR SEIZED**

Gallons of Whiskey .....	1,461
Quarts of Whiskey .....	2,544
Pints of Whiskey .....	233
Half-pints of Whiskey .....	10,374
Bottles, Beer .....	3,339
Gallons, Beer .....	15
Gallons, Bounce .....	755
Gallons, Cider .....	15
Gallon, Alcohol .....	1
Quarts, Alcohol .....	3
Half-pints, Alcohol .....	1
Quarts, Wine .....	21
<b>Total retail value of above.....</b>	<b>23,887.25</b>

Of the above amount, One thousand four hundred and forty four gallons of whiskey was returned to owners by legal rights during the past year.

**MISCELLANEOUS SEIZED**

Whiskey glasses .....	16
Corks and labels used in bottling, (boxes).....	2
Grips and Suit-Cases .....	25
Crates of empty bottles .....	19
Trunks .....	15
Bundle of rubber tubing .....	1
Bottle, coloring .....	1
Automobiles .....	3
Selling cases or empty boxes .....	10
Demijohns .....	40
Slot Machines .....	7
Pool Tables .....	2
Horse and Buggy .....	1
Typewriter .....	1
Tables .....	8
Desk .....	1

There was also seized in addition to the above about three dozen chairs, junk and other paraphernalia amounting to about one hundred and fifty dollars.

## MATRON'S REPORT.

Charleston, S. C., January 1, 1917.

Mr. Joseph A. Black, Chief of Police, Charleston, S. C.:

Dear Sir: I beg to submit the following report showing the number of female prisoners who came under our charge during the year 1916, and the disposition of the cases against them.

January .....	20	July .....	27
February .....	17	August .....	26
March .....	14	September .....	46
April .....	40	October .....	27
May .....	31	November .....	21
June .....	24	December .....	37
Total .....	330		

## DISPOSITION.

Dismissed .....	8
Sentenced .....	306
Turned over to parents .....	3
Turned over to Associated Charities .....	2
Turned over to Crittenton Home .....	2
Sent out of the city .....	9
Total .....	330

Very respectfully,

MRS. H. L. THOMPSON.  
MRS. ELLIS A. FISCHER.  
Matrons.



# **In Memoriam**

---

**PRIVATE JAMES J. DUFFY,**

**Died July 16th, 1916.**

---

**PRIVATE HENRY G. PHILLIPS,**

**Died October 18th, 1916.**

---

**CHAUFFEUR JAMES SIMONS,**

**Died January 18th, 1916.**

**FAITHFUL**

**CHIEF OF POLICE ANNUAL REPORT OF JUVENILE WORK  
HANDLED THROUGH POLICE DEPARTMENT.**

OFFENCES.	Sex.		Color.		Disposition.										
	Male.	Female.	White.	Colored.	Probation.	Jail.	Fined.	Released.	Punished.	J. Orphanage.	City Orphanage.	Day Nursery.	Sent Away.	Returned To Parents.	Sent to Hospital.
Petty larceny	72	4	4	72	29	8	8	26	32	1					1
Throwing rocks	31	1		32	1	3	1	7	21						
Disorderly conduct	34	1	3	32	3		2	17	15						
Fighting on streets	16	1	3	14	4	3		5	5						
Grand larceny	22	1	11	12	14	5		3	10	1					
Trespassing	7			7				2	3					2	
Vagrancy and walf	30	4	2	32			1	19	1	7				6	1
Infant abandoned	1		1											1	
Incorrigible	7	5	4	8	4			6	3	1					
Shooting sling shot	1			1			1								
Shot'g air gun-B.B.rife	3		3		2				1						
Gambling	6		1	5	1	1		3	3						
City Orphanage			3	3							3				
Day Nursery			3	3								3			
Riding without bell	5			5			5								
Transporting whiskey	1			1					1						
Runaway returned home	10	2	9	3	1			11							
Riding on sidewalk	5		1	5		6									
Writing anon. letters	1		1		1										
Careless ridd'g and driv'g.	4			4	2			2							
Loitering	3		1	2				3							
Playing ball in street	1			1			1								
Lost children returned	3		2	1											
Truants	2		1	1											
Non-support	5		2	3		1		4							
Interfer'g with Dog Catch.	8			8	3			7	5						
Cruelty to children		1		1		1									
Accidental shooting	1		1												
Carrying conceal'd weapon	1			1		1									
Beating another boy	1			1		1									
Burgary, Sect. No. 387	3		3		3			1	1						
Skating on sidewalk	1			1				1							
Totals	286	26	59	253	68	30	14	116	101	10	3	3	1	8	2

Grand total of cases handled ..... 312

Complaints ..... 49

Investigations ..... 49

Repeaters ..... 30

Transportation granted ..... 15

Transportation furnished paupers out of Charleston .....\$178.21

MR. J. O. LEA, CITY TREASURER, STATEMENT FOR YEAR  
ENDING DECEMBER, 1916.

January 4, 1917.

Salaries Officers, Privates, Gatemmen, Matrons, etc. ....	\$122,269.82
Salary Veterinary .....	300.00
Petty cash .....	550.00
Salary Fireman to heater .....	254.00
Telephones .....	103.80
Printing stationery, etc. ....	615.96
Line and signal supplies—salary to Lineman .....	974.95
Sawdust for bedding for horse .....	60.00
Rubber and overcoats .....	759.60
Forage, horseshoeing and medicine .....	1,789.99
Fuel for heater .....	495.50
Bread for prisoners .....	108.48
Expense after prisoners .....	63.66
Light, oils and lanterns .....	1,700.37
Repair to automobiles .....	920.00
Renewals .....	908.77
Purchase of horses .....	1,161.15
Insurance .....	88.75
Purchase of automobiles .....	1,097.14
Miscellaneous .....	1,800.22
Buttons, pistols, etc. ....	453.20
Equipment to Detective Department .....	17.66
Repairs to Building .....	1,911.01
<b>Total</b> .....	<b>\$138,404.03</b>

FINES—RECORDER.

January .....	\$1,373.00	July .....	1,104.00
February .....	1,591.50	August .....	1,061.50
March .....	1,333.00	September .....	1,475.50
April .....	1,431.00	October .....	1,671.00
May .....	1,732.00	November .....	1,823.50
June .....	1,092.00	December .....	2,217.50
<b>Total</b> .....	<b>\$17,905.50</b>		

DOG POUND.

Badges .....	\$ 20.75
Wagon .....	303.75
Catcher .....	261.00
<b>Total</b> .....	<b>\$ 585.50</b>
Appropriation .....	1,000.00
Expended .....	585.50
Unexpended .....	<b>\$ 414.50</b>

## POLICE RELIEF AND PENSION FUND.

FINES, \$84.50; FORFEITURES, \$1,970.36.

## INCOME ACCOUNT.

Sale of goats .....	\$ 7.25
Sale of horses .....	545.50
Sale of guns .....	6.00
Sale of wagons .....	10.00
Sale of junk .....	16.60
Sale of auto .....	10.00
Sale of sweeper .....	1.00
Sale of manure .....	13.45
Sale of M. T. barrels .....	6.30
Sale of clubs .....	42.00
Sale of belts .....	12.50
Sale of M. T. sacks .....	35.49
Unclaimed cash .....	272.83
Total .....	<u>\$978.92</u>

## TRANSPORTATION.

Appropriation .....	\$250.00
Expended .....	178.21
	<u>\$ 71.79</u>
Appropriation .....	\$138,421.10
Expended .....	138,404.03
	<u>\$ 17.07</u>

Yours respectfully,

H. WILBUR,  
Clerk Police Department.

REPORT OF THE CHIEF OF POLICE TO THE MAYOR AND CITY COUNCIL OF THE CITY OF CHARLESTON, SHOWING THE NUMBER OF PERSONS ARRESTED IN THE CITY OF CHARLESTON DURING THE YEAR ENDING DECEMBER, 1916, AND THE CAUSE OF THEIR ARREST.

OFFENCES.	White.		Colored.		Total Number Arrests.
	Males.	Females.	Males.	Females.	
Abandonment of child .....			2		2
Adultery .....	1	1			2
Assault, aggravated .....	18	1	39	19	77
Applied for lodging .....	218	21	336	55	630
Allowing chimney to blaze .....	1		1	1	3
Allowing dog to bite .....	4		3	2	9
Abduction .....	1				1
Allowing horse to mutilate trees .....			1		1
Attempted suicide .....	1		1		2
Abusing police .....			1		1
Accidental killing .....	1				1
Burglary and larceny .....	2		20		22
Breach of peace .....	5	4	18	12	39
Buying junk without license .....	3				3
Buggery .....	1				1
Buying stolen goods .....				1	1
Burglary .....			1		1
Carrying concealed weapon .....	14		32	1	47
Cruelty to animals .....	12		20	1	33
Car breaking .....			4		4
Carrying contraband liquor .....	3		4		7
Chimney fire .....			1	3	4
Drunk .....	96	1	23	1	121
Drunk and disorderly .....	198	33	141	82	454
Disorderly conduct .....	133	25	217	123	498
Disorderly person .....	31	8	238	99	376
Disorderly house .....				8	8
Escape convict .....			2		2
Firing firearms .....			6		6
Found sick .....	79	10	125	50	264
Found injured .....	55	9	91	17	172
Found wounded .....	19		74	44	137
Found dead .....	10	2	25	8	45
Found insane .....	4	2	28	27	61
Forgery .....	1		3		4
Found distributin Ad. matter .....	2				2
Found killed .....			2		2
Gambling .....	47	1	361	1	410

OFFENCES.	White.		Colored.		Total Number Arrests.
	Males.	Females.	Males.	Females.	
Housebreaking and larceny .....	2	.....	37	3	42
Highway robbery .....	4	.....	3	.....	7
Homicide .....	1	.....	.....	.....	1
Larceny from person .....	.....	.....	4	1	5
Larceny, petty .....	6	.....	136	36	178
Larceny, grand .....	19	1	48	10	78
Lodged on warrant .....	47	6	27	10	90
Leaving house unattended .....	.....	.....	1	.....	1
Malicious mischief .....	.....	.....	2	.....	2
Murder .....	1	.....	3	.....	4
Maintaining lottery .....	2	.....	5	.....	7
Obstructing sidewalk with goods .....	4	.....	.....	.....	4
Peddling without license .....	6	.....	.....	.....	6
Passing counterfeit money .....	.....	.....	.....	1	1
Riding bicycle without bell .....	.....	.....	5	.....	5
Riding bicycle without light .....	.....	.....	17	.....	17
Rape .....	1	.....	2	.....	3
Recovering stolen goods .....	3	.....	.....	.....	3
Riding bicycle on sidewalk .....	.....	.....	9	.....	9
Reckless riding of bicycle .....	.....	.....	1	.....	1
Reckless driving of auto .....	.....	.....	2	.....	2
Selling without stamped measure .....	.....	.....	14	.....	14
Selling liquor .....	2	.....	1	.....	3
Sending in false alarm .....	1	.....	2	.....	3
Trespassing .....	1	.....	.....	.....	1
Violation Board of Health .....	243	48	15	12	318
Violation Traffic Ordinance .....	598	15	122	2	735
Violation Plumbers' Ordinance .....	4	.....	.....	.....	4
Violation Ordinance Rel. to Signs .....	10	1	9	3	23
Violation Prohibition Law .....	62	5	50	5	122
Violation Pawn Brokers' Ordinance .....	2	.....	.....	.....	2
Violation Sunday Law .....	74	1	8	1	84
Violation Garbage Law .....	7	1	.....	2	10
Vehicle without license .....	16	.....	.....	.....	16
Writing and selling lottery tickets .....	28	.....	36	.....	64
	2,104	196	2,387	635	5,322

## SENTENCES.

	White.		Colored.		Total Number Arrests.
	Males.	Females.	Males.	Females.	
Bail forfeited .....	390	41	420	111	962
Dismissed .....	781	81	815	170	1,854
Delivered to Magistrate .....	139	18	236	40	433
Delivered to other Counties of State.....	.....	.....	1	.....	1
Delivered to Coroner .....	16	2	39	13	70
Disposed of as per Ordinance .....	16	.....	.....	.....	16
Sent home .....	1	3	1	1	6
Sent to Jail .....	423	25	136	163	747
Sent to Hospital .....	165	18	317	136	636
Sent to Chain Gang .....	173	1	422	1	597
	2,104	196	2,387	635	5,322

Amount of Fines Im- posed at Police Court.	Amount of Fined Paid by Prisoners.	Paid to Treasurer.	Amount of Forfeitures Deducted from Pay of of Police for Lost Time.	Amount of Fines Im- posed on Police for Violation of Rules and Regulat's.
\$ 1,454.00	\$ 1,373.00	January	\$ 109.73	\$ 2.00
2,990.50	1,591.50	February	107.01	1.00
1,953.00	1,333.00	March	180.19	1.00
2,153.00	1,431.00	April	195.81	-----
3,124.00	1,732.00	May	173.14	15.00
1,430.00	1,092.00	June	161.33	11.00
1,270.00	1,104.00	July	147.98	8.00
2,309.50	1,061.50	August	174.22	1.50
2,275.00	1,475.00	September	291.61	7.00
2,986.00	1,671.00	October	260.13	3.00
2,925.00	1,853.50	November	112.45	11.00
2,749.00	2,217.50	December	56.76	24.00
<b>\$27,619.00</b>	<b>\$17,935.00</b>		<b>\$1,970.36</b>	<b>\$84.50</b>

## ELECTRICAL DEPARTMENT.

Still alarms ..... 48  
 Calls sent in by Police ..... 87,974

Prisoners brought in by Patrol ..... 2,747  
 Prisoners brought in by Officers ..... 117  
 Reported cases ..... 1,427

**4,291**

	Calls.	Miles.
Alarms responded to by Patrol .....	1,152	2,304
Wagon sent to Jail with Prisoners .....	295	590
Wagon sent to Magistrate Court .....	308	616
Wagon sent on special calls .....	13,086	26,172
Automobile sent to fire .....	92	184
Automobile sent to Hospital .....	611	1,222
Automobile sent on special calls .....	5,407	10,814
	<b>20,951</b>	<b>41,902</b>



**PROPERTY RECOVERED AND DISPOSED OF.  
PER ORDINANCE.**

January .....	\$ 674.54
February .....	2,792.92
March .....	1,460.97
April .....	2,421.51
May .....	2,276.38
June .....	697.25
July .....	1,315.59
August .....	1,131.50
September .....	2,291.72
October .....	1,347.25
November .....	1,557.42
December .....	1,047.35
	<hr/>
	\$19,034.40

**TAKEN UP RUNNING AT LARGE.**

Horse and wagon, 2; goats, 24; horses, 19; horse and hack, 2; mules, 5; double truck, 1; pig, 1; dog, 1; cow, 1.

**SHOT AT REQUEST OF OWNER.**

Mules, 6; horses, 30; dogs, 48; cats, 3.

**FOUND OPEN, SECURED AND OWNERS NOTIFIED.**

Academy of Music, 4; barber shop, 5; church, 1; hall, 3; laundry, 1; Victoria Theater, 1; Medical College, 2; stores, 56; offices, 55; shop, 1; pool room, 2; banks, 7; Woman's Exchange, 2; Chamber of Commerce, 5; bakery, 1; railroad car door, 1; store room, 1; City Hall, 1; windows, 2; Meat Market, 3.

I certify that the foregoing is a correct Report as per Recorder's Morning Reports.

CAPT. J. A. BLACK,  
Chief of Police.

H. WILBUR,  
Clerk of Police Department.

**RECEIPTS AND DISBURSEMENTS POLICE RELIEF AND PENSION FUND.  
JANUARY 1, 1916, TO DECEMBER 31, 1916.**

**RECEIPTS**

To Balance from last Annual Statement:		
Permanent Fund .....	\$31 228.09	
Aged and Decrepit Fund.....	500.00	
	<u>\$31 723.09</u>	
Permanent Fund:		
5% on \$16,577.50 collected from Recorder's Court,		
year ending November 30, 1916.....		828.88
Fines and Forfeitures, per pay rolls.....		1 370.38
Aged and Decrepit Fund:		
Fines and Forfeitures, per pay roll.....		685.18
Interest Account:		
Interest on Deposits .....		1 593.65
		<u>\$36 201.18</u>

**EXPENDITURES**

By Aged and Decrepit Fund:		
Pension, E. Duffy .....	\$ 219.00	
Pension, Louis Thomas .....	350.00	
Pension, C. H. Westendorff .....	433.50	
Pension, M. J. Powers .....	577.95	
Pension, H. Martens .....	506.00	
Pension, W. H. Charlton .....	407.97	
		<u>2 294.42</u>
Balance .....		33 906.76
		<u>\$36 201.18</u>

As required by Ordinance, ratified December 9, 1902, the amount of \$15.59 has been carried to the Aged and Decrepit Fund from the Permanent Fund, being amount overpaid in former Account in 1916. The funds have to their credit, December 31, 1916:

Pension Fund .....	\$33 406.76
Aged and Decrepit Fund.....	500.00
	<u>\$33 906.76</u>

Respectfully submitted,

J. O. LEA,

City Treasurer.

Examined and found correct,

JULIUS H. JAHNZ,

Commissioner Police Relief and Pension Fund.

# Report of Fire Department

## BOARD OF FIRE MASTERS.

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TRISTRAM T. HYDE, Mayor, Ex-officio

CHARLES R. VALK, Chairman.....appointed November, 1881  
A. J. RILEY.....appointed July, 1896  
THEO. POPPEN.....appointed July, 1901  
HENRY P. WILLIAMS.....appointed May, 1910  
JOHN F. RAFFERTY.....appointed October, 1913  
JOHN P. MICHEL.....appointed October, 1913  
BOARD.....reappointed October, 1913

REPORT OF THE BOARD OF FIRE MASTERS

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Office of Board of Fire Masters,  
Charleston, S. C., January 1, 1917.

To the Honorable the Mayor and City Council,  
of Charleston, S. C.

The Board of Fire Masters respectfully submit the operation of this Department for the year 1916, and its condition at this date, as contained in the annexed statements:

The Force of the Department.

Condensed Expenses.

Capacity and Make of Steamers.

Summary of Expenses by Companies.

Inventory of Property and Location of Same.

Inventory of Property Controlled by the Board of Fire Masters, with Value of Same.

Amounts drawn from City Treasurer from 1st January, 1882, to 31st December, 1916, and actual cost of maintaining the Department for Thirty-five Years.

Record of Fires.

Comparative Statement of Property at Risk, Insurance and Loss.

Report of Chief to the Board.

Report of Electrician, Fire Alarm Telegraph to the Board.

Report of Superintendent of Horses to the Board.

Report of Treasurer of the Pension Fund.

CHARLES R. VALK,  
Chairman Board Fire Masters.

**THE FORCE AND EQUIPMENT OF THE DEPARTMENT,  
DECEMBER 31, 1916.**

93	Officers and Men.
9	Steam Fire Engines.
1	Motor Triple Combination Pumping Engine.
1	Motor Combination Pumping Engine and Hose Wagon.
1	Motor Combination Chemical, Hose Wagon and Tractor.
1	Chemical Engine.
13,550	Feet Serviceable 2½ inch Hose.
550	Feet Serviceable 1½ inch Hose.
1,650	Feet Chemical Hose.
1	Deluge and Cellar Pipe.
2	Monitor Nozzles.
1	Monitor Nozzle Tug Waban.
2	Fuel Wagons.
2	Carts.
2	Combination Hose Wagons.
7	Hose Wagons.
3	Hose Carriages.
1	Aerial Truck and Equipment with water tower.
1	Truck and Equipment.
1	Life Net.
2	Tarpaulins.
2	Automobiles.
1	Buggy.
4	Smoke Helmets.
22	Horses.
1	Training Tower, with Equipment of ladders, belts, etc.
3	Alarm Bells, 127 Fire Alarm Boxes, and Complete System of Fire Alarm Telegraph.

**CONDENSED EXPENSES OF THE FIRE DEPARTMENT FROM  
JANUARY 1ST, TO DECEMBER 31ST, 1916.**

Pay Roll .....	\$71,602.45
Forage .....	3,105.79
Coal and Wood .....	855.09
Horse-Shoeing and Medicine .....	405.92
Synchronizing Clock .....	12.00
Light and Current .....	430.18
Printing, Stationery and Stamps .....	337.46
Saw-dust .....	116.20
Ice for all Stations .....	49.65
Hose and Suctions .....	1,253.75
Telephones .....	431.40
Poles, Wire, Labor Fire Alarm Telegraph.....	1,050.87
Chief's Expenses Convention, Providence, R. I. ....	63.30
Insurance .....	24.00
Uniforms .....	235.93
Floral Offering .....	10.00
Bed Clothing .....	93.20
Street Improvements .....	132.56
Pensions, Widows and Children of Firemen killed in service .....	1,990.00
Contingent Fund .....	279.15
Erection Training Tower .....	364.27
	<hr/>
	<b>\$82,843.17</b>

## Renewals—

Oil, Waste, and Engine Supplies .....	\$	949.26	
Soda and Acid .....		87.93	
Repairs to Apparatus .....		1,610.60	
Repairs to Chief's Automobile .....		422.27	
New Casing Chief's Automobile .....		129.56	
New Casing Motor Engine No. 6 .....		141.02	
Repairs to Houses .....		768.48	
Repairs to Harness .....		118.28	
Repairs to Heaters .....		64.43	\$4,291.83
			<hr/>
			\$87,135.00

## MAKERS AND CAPACITY OF ENGINES.

First size Motor Triple Combination Pumping Engine, Chemical and Hose Wagon; capacity, 1000 gallons per minute; built by Seagrave Co., Columbus, Ohio; in September, 1915. Weight, when loaded, with seven men, 17,000 pounds. In service with Engine Company No. 2.

First size Motor Combination Fire Engine and Hose Wagon; capacity, 800 gallons per minute; built by Webb Motor Fire Apparatus Co., St. Louis, Mo., in October, 1910. Weight, when loaded with seven men, 8,570 pounds. In service with Engine Company No. 6.

Steamer No. 1—Second size Silsby, Rotary; capacity, 800 gallons per minute; built by Silsby Manufacturing Co., Seneca Falls, N. Y., in 1888. Rebuilt by American-La France Fire Engine Co., Seneca Falls, N. Y., with Fox water tube boiler, September, 1904. Weight, loaded, and with three men, 8,510 pounds. In service with Combination Co. No. 3.

Steamer No. 2—Third size Amoskeag, double pumps; capacity, 600 gallons per minute; built by Manchester Locomotive Works, Manchester, N. H., in 1868. Rebuilt by the same company in January, 1893. Weight, loaded, and with three men, 7,580 pounds. In reserve with Combination Co. No. 3.

Steamer No. 4—Third size Silsby, Rotary; capacity, 600 gallons per minute; built by Silsby Manufacturing Co., Seneca Falls, N. Y., March, 1895. Rebuilt with new Fox water tube boiler, August, 1905. Weight, when loaded, with three men, 7,800 pounds. In service with Engine Company No. 8.

Steamer No. 5—Second size Clapp & Jones, double pumps; capacity 600 gallons per minute; built by Clapp & Jones, Hudson, N. Y., January, 1884. Rebuilt with new Fox water tube boiler, August, 1905. Weight, when loaded, with three men, 8,300 pounds. In reserve with Combination Company No. 3.

Steamer No. 6—Second size Clapp & Jones double pumps; capacity, 600 gallons per minute; built by Clapp & Jones, Hudson, N. Y., January, 1884. Rebuilt by Nott Fire Engine Company, Minneapolis, Minn., with water tube boiler, in February, 1903. Weight, loaded, with three men, 8,430 pounds. In reserve with Engine Company No. 7.

Steamer No. 7—Second size Silsby, Rotary; capacity, 800 gallons per minute; built by Silsby Manufacturing Co., Seneca Falls, N. Y., May, 1890. Rebuilt by American-La France Fire Engine Co., Seneca Falls, N. Y., with Fox water tube boiler, in September, 1904. Weight loaded, with three men, 8,740 pounds. In service with Engine Company No. 7.

Steamer No. 8—Second size Amoskeag, double pumps; capacity, 700 gallons per minute; built by Manchester Locomotive Works, Manchester, N. H., in 1870. Rebuilt by American Fire Engine Co., Cincinnati, Ohio, with Fox water tube boiler, in August, 1900. Weight, loaded, and with three men, 8,760 pounds. In reserve with Engine Company No. 4.

Steamer No. 9—Second size Metropolitan, double pumps; capacity, 750 gallons per minute; built by American Fire Engine Co., Seneca Falls, N. Y., with Fox water tube boiler, in September, 1903. Weight, loaded and with three men, 9,315 pounds. In service with Engine Company No. 4.

Steamer No. 10—Second size Metropolitan, double pumps; capacity, 750 gallons per minute; built by American Fire Engine Co., Seneca Falls, N. Y., with Fox water tube boiler, in May, 1907. Weight, loaded, with three men, 9,300 pounds. In service with Engine Company No. 1.



INVENTORY OF PROPERTY ON HAND DECEMBER 31ST,  
1916, AND VALUE OF SAME.

1	Motor Triple Combination Pumping Engine.....	\$ 10,500.00
1	Motor Combination Pumping Engine .....	8,275.00
1	Motor Combination Chemical, Hose Wagon, and Tractor .....	6,000.00
2	Steam Fire Engines at \$5,000.00 each .....	10,000.00
7	Steam Fire Engines at \$3,000.00 each .....	21,000.00
7	Hose Wagons at \$400.00 each .....	2,800.00
3	Hose Carriages at \$100.00 each .....	300.00
2	Combination Wagons at \$1,000.00 each.....	2,000.00
1	Chemical Engine .....	2,000.00
1	Aerial Truck and Equipment .....	2,500.00
1	Truck and Equipment .....	1,500.00
2	Automobiles .....	2,000.00
22	Horses .....	5,500.00
13,550	Feet serviceable 2½ inch Hose .....	6,775.00
550	Feet serviceable 1½ inch Hose .....	220.00
1,650	Feet Chemical Hose .....	412.00
4	Wagons and Carts .....	600.00
1	Deluge Set, Cellar pipe and Monitor nozzles.....	750.00
	Fire Extinguishers, Life-net, Smoke Protect- ors, etc. ....	1,400.00
	Beds and Bedclothing .....	1,200.00
	Harness .....	2,000.00
13	Engine Houses, Water Works, Heaters, and Heating Apparatus .....	58,000.00
	Drill Equipments and Training Tower.....	1,000.00
	Fire Alarm Telegraph and Equipment, Two Bell Towers, and Three Bells .....	27,000.00
		<hr/>
		\$173,732.00

**AMOUNTS DRAWN FROM CITY TREASURER FROM  
JANUARY 1, 1882, TO DECEMBER 31, 1916.**

Real Estate received from the city, without charge...	\$	10,000.00
During the year 1882.....	\$92,000.00	
" " 1883.....	59,115.23	
" " 1884.....	51,008.82	
" " 1885.....	43,319.90	
" " 1886.....	43,311.43	
" " 1887.....	44,000.00	
" " 1888.....	82,000.00	
" " 1889.....	43,968.16	
" " 1890.....	47,659.91	
" " 1891.....	43,845.19	
" " 1892.....	47,005.53	
" " 1893.....	48,500.00	
" " 1894.....	46,500.00	
" " 1895.....	49,845.25	
" " 1896.....	44,964.14	
" " 1897.....	49,939.03	
" " 1898.....	47,900.00	
" " 1899.....	48,100.00	
" " 1900.....	52,500.00	
" " 1901.....	50,839.20	
" " 1902.....	57,445.00	
" " 1903.....	52,600.00	
" " 1904.....	52,000.00	
" " 1905.....	54,000.00	
" " 1906.....	52,000.00	
" " 1907.....	60,500.00	
" " 1908.....	59,000.00	
" " 1909.....	70,075.00	
" " 1910.....	75,000.00	
" " 1911.....	74,679.13	
" " 1912.....	78,258.55	
" " 1913.....	82,890.34	
" " 1914.....	80,963.31	
" " 1915.....	95,136.49	
" " 1916.....	87,135.00	
	<hr/>	2,068,005.61
Total Amount .....		\$2,078,005.61
Deduct property on hand as per inventory..		173,732.00
Leaves balance of .....		<hr/> \$1,904,273.61

Being actual cost of maintaining the Department for thirty-five years, or an expense of \$54,407.80 per annum.

Amount drawn from City Treasurer, 1916.....	\$87,135.00
Amount paid City Treasurer, in accordance with City Ordinance, requiring proceeds from sale of Horses, Hose, etc. ....	85.42

**COMPARATIVE STATEMENT OF PROPERTY AT RISK,  
INSURANCE AND LOSS.**

Year	No. of alarms	Property at Risk	Insurance	Loss on Real Estate	Loss on Personal Property	Total Loss
1882	34	\$ 293 500 00	\$ 106 205 00	\$12 539 09	\$ 20 087 52	\$ 32 026 61
1883	72	1 229 885 41	1 112 305 00	50 261 19	243 699 11	293 960 30
1884	43	412 163 00	305 238 54	31 665 00	70 494 98	102 159 98
1885	50	394 802 14	251 100 00	5 193 80	22 359 79	27 463 59
1886	57	431 774 43	356 024 43	46 325 55	62 216 09	108 541 04
1887	43	1 191 577 00	1 125 025 00	5 081 00	42 455 17	47 536 17
1888	35	1 256 991 88	1 241 685 00	17 127 00	86 042 88	103 169 88
1889	52	941 975 00	898 555 00	17 413 00	50 475 00	67 888 00
1890	38	521 275 00	341 850 00	16 431 00	31 128 00	47 556 00
1891	54	1 549 725 00	1 320 350 00	12 086 50	27 928 17	40 014 67
1892	66	380 887 00	243 262 00	42 102 40	20 989 25	63 091 65
1893	50	1 306 406 79	1 148 958 49	21 336 41	119 084 73	140 421 14
1894	81	499 942 00	267 540 00	35 264 20	31 184 50	66 448 70
1895	80	811 561 12	568 321 12	14 909 20	16 895 77	31 804 97
1896	81	387 590 51	212 442 51	11 318 85	25 001 60	36 320 45
1897	79	1 271 817 00	803 900 00	9 284 00	11 982 83	21 266 83
1898	121	784 111 00	514 975 00	14 758 80	17 695 87	32 484 67
1899	94	456 500 00	320 750 00	17 749 21	11 826 50	29 575 71
1900	118	371 360 00	213 700 00	11 237 70	6 355 17	17 592 87
1901	151	1 025 122 42	260 425 00	33 199 49	33 610 86	66 810 35
1902	145	603 020 00	412 325 00	18 998 43	13 381 77	32 380 20
1903	189	579 705 00	293 755 00	13 065 75	15 784 60	28 850 35
1904	152	994 355 00	559 400 00	11 535 29	35 686 83	47 222 12
1905	186	1 502 015 59	1 226 250 00	16 744 40	24 425 86	41 170 26
1906	181	475 016 94	264 975 00	12 999 78	6 099 73	18 099 51
1907	204	1 028 600 51	671 947 10	26 385 90	50 415 53	76 801 43
1908	185	584 823 60	349 432 65	25 760 96	31 413 43	57 174 39
1909	233	1 555 788 53	727 415 00	18 582 17	30 661 79	49 243 96
1910	275	1 951 837 03	1 407 561 00	84 396 20	188 955 29	273 851 49
1911	304	1 401 949 00	1 067 693 83	15 026 36	23 111 21	38 187 57
1912	267	1 587 075 00	1 039 220 00	11 951 63	26 212 50	38 164 13
1913	207	1 596 524 72	1 350 861 00	64 194 55	23 460 75	87 655 30
1914	247	968 940 00	700 190 00	16 647 60	20 393 56	37 041 16
1915	227	786 510 12	628 510 00	16 912 15	78 607 00	95 519 15
1916	221	914 146 52	677 150 00	23 172 52	12 216 15	35 388 67
		\$32 110 056 26	\$23 089 339 79	\$801 597 54	\$1 531 336 79	\$2 332 934 33

**AVERAGE FOR 35 YEARS.**

Property at Risk .....	\$917,430.12
Insurance .....	659,695.42
Loss on Real Estate .....	\$ 22,902.78
Loss on Personal Property .....	43,752.47
Average Loss per Annum .....	\$ 66,655.25

**REPORT OF CHIEF OF FIRE DEPARTMENT TO THE BOARD  
OF FIREMASTERS.**

Charleston, S. C., January 1st, 1917.

To the Chairman and Board of Firemasters:

Gentlemen:—

I respectfully submit to your Honorable Body the thirty-fifth annual report of the Fire Department for the year ending December 31st, 1916.

The report contains statements embracing the amount of expenditures, department property and apparatus, the total number of alarms responded to, the loss and insurance on property involved and reports of the Supervising Engineer, Electrician of Fire Alarm Telegraph, Surgeon, Superintendent of Horses, and of the Trustees Firemen's Insurance and Inspection Fund; also such recommendations deemed necessary to keep pace with the growth of our city, and such other information as is thought worthy of your consideration.

**ALARMS, LOSSES AND INSURANCE.**

During the year the Department responded to 221 alarms, this being 6 less than the year 1915. There were 18 false alarms; 3 calls for assistance outside of city limits.

We have used during the year for extinguishing fires 131 Three-gallon Extinguishers, 58 chemical tanks, raised 3,696 feet of ladders, and laid 56,750 feet of 2½-inch hose.

There were no very serious fires, although in several instances it was only the good work of the officers and men that prevented threatening fires from developing into bad ones.

As you are aware, next in importance to fire extinguishing is fire prevention, and I am quite sure that the work done by the Department along the line of fire prevention for the past five years has borne excellent results, showing decreased losses and decreased number of alarms. Lack of serious fires this past year I attribute in good part, also, to fire prevention work.

The more serious fires were:

July 14th, 1916—Telephone at 4.45 a. m. Power House C. C. Railway and Light Company, Meeting Street, one-story brick. Loss to Building and Contents, \$4,586.00. Insurance on Building and Contents, \$234,500.00. Cause: Electric Wires.

July 14th, 1916—Telephone at 5.45 a. m. No. 45 Smith Street, two and one-half story brick residence. Loss to Building and Contents, \$9,001.85 insurance on Building and Contents, \$9,500.00. Cause: Electric Wires.

December 12, 1916—Box 436 at 5.28 a. m. No. 270-272-274

King Street, three-story brick, occupied as stores and lodge hall. Loss to Building and Contents, \$4,845.75. Insurance on Building and Contents, \$64,000.00. Cause: Defective stove-pipe.

December 16, 1916—Box 624 at 5.33 a. m. No. 30 Bee Street, two and one-half story frame residence. Loss to Building and Contents, \$7,500.00. Insurance on Building and Contents, \$7,500.00. Cause: Overheated Stove.

The total loss through these four fires aggregated \$25,933.60, leaving a balance of loss on all other fires of only \$9,455.07. The heavy losses of July 14th were due to the fact that the Hurricane of July 13th had disabled the entire fire alarm system, and the telephone system was also a sufferer through the severity of the Hurricane. With unimpaired fire alarm system, both of these losses could have been greatly reduced.

While the Fire Alarm System was being repaired all firemen were called in, also firemen patrolled the city day and night on the lookout for fires.

On several occasions during the past year there were at least two fires in progress at the same time, the double calls being handled promptly and efficiently under the system in force.

The figures for the year 1916 for losses, both in insurance on and valuation of buildings, together with contents, as neraly as could be procured, are as follows:

#### VALUE OF PROPERTY AT RISK.

Value of buildings where fires occurred.....	\$427,250.00
Value of contents where fires occurred.....	486,896.52
Total value of property at risk .....	<u>\$914,146.52</u>

#### INSURANCE AT RISK.

Insurance on Buildings .....	\$278,650.00
Insurance on Contents .....	398,500.00
Total insurance involved .....	<u>\$677,150.00</u>

#### UNINSURED LOSS.

Loss on Buildings .....	\$ 422.00
Loss on Contents .....	364.00
Total uninsured loss .....	<u>\$ 786.00</u>

## LOSS INSURED AND UN-INSURED.

Loss on Buildings .....	\$ 23,172.52
Loss on Contents .....	12,216.15
Total loss for year .....	\$ 35,388.67

## DEPARTMENT BUILDINGS.

Needed repairs and improvements have been made at the various fire stations, the firemen being, wherever possible, employed in making such repairs. Buildings are in good order.

## APPARATUS.

The condition of the apparatus of this Department is kept at a high standard and they are fully equipped with all necessary tools and appliances. At the present time consisting of the following:

One Motor triple-combination pump, chemical and hose wagon; one motor combination pump and hose wagon; one motor combination chemical, hose wagon and tractor; five steam fire engines; two combination hose and chemical wagons; three hose wagons, plain; two hook and ladder trucks, one of which is Aerial and equipped with three-inch hose and Harts ladder nozzle; one motor car for the Chief and Assistant Chief, and one fuel wagon.

## SPARE APPARATUS FOR EMERGENCY USE.

Four steam fire engines are in reserve. Three of these are in good working order. The other is considered unfit for any reliable work. One chemical engine with two 80-gallon tanks; four hose wagons, plain; one fuel wagon; one chief's buggy and one motor car are also in reserve. All are kept in readiness for instant service.

## HEATERS.

All heaters used by the Department are in good condition.

## HORSES.

A year ago the Department had in service twenty-six horses. During the year one was sold and three died, leaving at this date twenty-two horses.

Some of the horses are old and should be replaced by younger animals.

**HARNESS.**

All harness used by the Department is in good condition.

**HOSE.**

There is on hand 13,550 feet of 2½-inch rubber-lined double-jacket, cotton fire hose; 550 feet 1½-inch rubber-lined cotton fire hose and 1,650 feet chemical hose; all of which seems to be in excellent condition.

All of the 2½-inch hose is tested annually under 150 to 175 pounds hydrostatic pressure, and those sections that show a leakage or do not stand this pressure, are condemned and sold, and the proceeds from such sale are paid over to the City Treasurer.

During the year we condemned 1,950 feet of 2½-inch hose; some having been in service about seven years, and some having been injured at fires.

With the new hose which will be purchased this year the supply should prove ample.

**FIRE ALARM TELEGRAPH.**

This branch of the service is in good working condition. During the year much progress has been made in this Department in placing wires and new poles.

The underground cables will require repairing during the coming year.

**DRILL SCHOOL.**

Under the efficient direction of Drill Master, Foreman J. H. Wohlers, school work was continued according to the usual program, with individual work from July 15th to September 7th.

Seven classes of eight men each successfully passed the required test during the year.

Regular instruction and practice by the various companies were also held so as to train the members to work together in organization and to give the officers of the companies practice at directing their men in using all tools and appliances of the Department.

With the completion near the end of the year of the new training tower, erected by the members of the Department, the school work will now embrace the handling scaling ladders, life lines, and other life-saving equipment. The benefits derived from the school are apparent at all fires.

**FIRE PREVENTION AND INSPECTION OF PUBLIC AND SEMI-PUBLIC BUILDINGS.**

A systematic method of building inspection with due regard to business interests in the examination of premises where conditions of a fire menace exist is an important feature of the daily routine. It is believed that the results will justify the means to the end, that a reduction in fire losses will ensue and that danger to life and limb will be minimized.

If property owners and tenants of those buildings where the fire risk is present in greater or less measure give sufficient attention to the correction of defects in their structures, to the elimination of dangers caused by the collection of rubbish and litter of all kinds, and to the prevention, so far as possible, of the careless use of matches and the handling and storage of combustibles, the fire menace will be reduced to a marked degree.

During the year the buildings inspected monthly in the mercantile districts for the purpose of instructing firemen in the peculiarities of buildings and also of reporting inflammable material totalled 8,678, and the yearly inspections, which include all buildings within the limits of the City, covered 12,012 places; a grand total of 20,690 buildings inspected.

A total of 499 recommendations for permits for erection of and repairs was given. Chimneys and hearths were inspected in 85 buildings, 274 complaints of conditions about stove pipes, and 63 defective chimneys were attended to, owners and tenants being instructed how to comply with the ordinances in these cases.

I am satisfied that these inspections are mainly responsible for the greatly reduced number of alarms of fire and the small average fire losses in our city.

Aside from the reduction of the Fire hazard to a minimum much knowledge is gained by the members of the Department as to the character of construction of the buildings inspected and their interior outline.

I am pleased to state there was not a single case that I was compelled to report to the Recorder's Court for failure to remove inflammable material. This speaks well for the interest taken by and the co-operation of the business people and the general public in keeping their premises free from material likely to start a fire.

During the year there has been in attendance at all performances at the Academy of Music, Victoria Theatre and other places of amusement, as required by City Ordinances, a detail of firemen, whose duty it is to see that no chairs are placed in the aisles or passageways, to prevent smoking in any part of the house except on the stage by actors for scenic effect, to keep all exits free from obstructions and to look out generally for the safety of the public.



Inspections are frequently made of the moving picture houses in the city, to make certain that the booths and picture machines comply with the ordinances. In fact, every possible precaution has been taken to guard the safety of citizens against fire danger at places of public amusement.

I am pleased to state that the managements of all theatres and moving picture show houses work in harmony with the Department.

#### DISCIPLINE.

It is gratifying to state that the efficiency and discipline of the Department, taken on the whole, has been very good, the officers and members being ever ready to execute their duties and obey orders. Whatever measure of credit this Department may be entitled to is due to the faithful and intelligent co-operation which has always been cheerfully rendered by the men under me.

Several transfers from company to company were made for the purpose of increasing the efficiency of the Department as a whole.

## Fire Duties Performed By Companies.

	Time on Duty		Engine Worked		Hrs. and Comb. Motor Chem. Hose Wagon	Lines Hose Laid	Number of Feet Hose Laid	No. of Fires Attended	Sect's Hose burstd	Extinguishers Used	Feet Ladders Raised	Hooks Used	Axes Used	Tanks Used	Tarpsaulins Used
	Hrs.	Min.	Hrs.	Min.											
Chief's Automobile								118		13				1	
Engine Co. No. 1	47		3	37		14	5,190	29	1		60			1	
Motor Engine Co. No. 2	52	02	3	23		14	5,150	33		3	57	5		8	8
Motor Chemical and Hose Wagon No. 3	24	20			9 20	10	2,950	52		17	342	6	17	30	
Steamer No. 3	53	02	5	57		20	9,900	35	1	19	124	13	22		
Aerial Truck No. 3	14	44						21			397	10	16		
Engine Co. No. 4	46	42	5	40		14	7,250	40	1	1			1		
Motor Engine Co. No. 6	83	08	5	25		23	4,550	112	1	38	634	1	44		
Engine Co. No. 7	58	40	10	55		22	10,750	56	2	9	96	4	5	9	
Engine Co. No. 8 Engine	46	15	6	05		9	5,850	23	1	4	170	4	7		
Engine Co. No. 8, Wagon	24	22			1 50	6	4,250	20		13	96	5	6	11	
Truck Co. No. 1	66	55						97		14	1,720	121	146		6
Total	618	10	41	02	11 10	132	56,750	*	7	131	3,696	169	274	58	6

Working time of Steamers 41 Hours, 02 Minutes, Estimated number of gallons water used, averaging 250 gallons per minute, with 1½ inch smooth nozzle, 615,500 gallons.

Working time of Motor Chemical Engine No. 3, and Combination Wagon No. 8, 11 Hours, 10 Minutes,  
 Triple Combina. Motor Co., No. 2, Chemical Tanks 8 320 Gals.  
 Motor Combina. Chem. Co., No. 3, Chemical Tanks 30 1500 Gals.  
 Combination Wagon, No. 7, Chemical Tanks 9 360 Gals.  
 Combination Wagon, No. 8, Chemical Tanks 11 330 Gals.  
 Three Gallon Extinguishers 131 393 Gals.

Total number of gallons chemicals used, 2,903 Gals.

\*Fire Alarms, 221.

## RESIGNATIONS

August 1st.—Fireman E. W. Smith, Engine Company No. 2.

November 1st.—Asst. Engineer L. A. Roumillat, Engine Company No. 2.

December 16th.—Fireman J. L. Doran, Engine Company No. 6.

## APPOINTMENTS ON PROBATION

October 1, 1915—J. A. Gooley, Callman, Engine Co. No. 7.

October 1, 1915—D. R. Dixon, Callman, Engine Co., No. 4.

October 1, 1915—J. H. Meyers, Callman, Engine Co. No. 7.  
January 1, 1916—W. Woods, Fireman, Engine Co. No. 8.  
February 1, 1916—E. B. Hendricks, Callman, Engine Co. No. 4.  
April 1, 1916—A. J. Britton, Fireman, Engine Co. No. 3.  
April 1, 1916—L. Stelling, Fireman, Engine Co. No. 1.  
October 1, 1916—C. H. Smalls, Driver Hook and Ladder Co.,  
Number 1.  
November 1, 1916—A. Rubuzzi, Fireman, Engine Co. No. 2.  
November 1, 1916—H. L. Meyers, Fireman, Engine Co. No. 2.  
November 1, 1916—P. Verdi, Callman, Engine Co. No. 4.  
December 1, 1916—W. G. Linguist, Fireman, Engine Co. No. 2.  
December 16, 1916—O. Jackson, Fireman, Engine Co. No. 6.

#### DEATHS

May 27th.—Asst. Engineer M. L. Prince, Engine Co. No. 3.  
August 20th.—Ladderman J. L. Shecut, Hook and Ladder Co.,  
No. 1.  
November 26th.—Foreman G. Moore, Engine Co. No. 3.  
December 17th.—Ass't Foreman T. Doran, Engine Co. No. 3.  
December 22nd.—Helper, J. Ladson, Engine Co. No. 1.

#### INJURIES TO MEMBERS OF THE DEPARTMENT

May 21st.—Assistant Engineer M. L. Prince, Engine Co. No. 3,  
While responding to Box 613, engine skidded on street car track  
and turned over. Assistant Engineer Prince jumped and received  
internal injuries, dying six days later.

May 21st.—Engineer T. W. Halsall, Engine Co. No. 3.  
While responding to Box 613, engine skidded on street car track and  
turned over. Engineer Halsall was thrown from tender of engine.  
His injuries were found to be only slight. He was laid up for 19  
days, and upon his return to work was placed on light duty.

August 2nd.—Fireman E. N. Millar, Engine Co. No. 3.  
Leg and Back injured in moving Reserve Engine No. 5, in station;  
12 days disability.

November 12.—Ass't Foreman E. M. Droze, Engine Co. No. 6.  
Ran nail into foot at fire, No. 629 King Street. His injuries were  
attended to by Department Surgeon. He was only off duty a few  
hours.

December 7th.—Ass't Foreman E. M. Droze, Engine Co. No. 6.  
While working at fire A. C. L. R. R. Yard his leg was scalded.  
Remained on duty.

December 16th.—Substitute J. G. Brandt, ran nail into foot  
at fire, No. 30 Bee Street. His injuries were attended to by Depart-  
ment Surgeon. 4 days disability.

## GENERAL REMARKS AND RECOMMENDATIONS

It is not to be expected that everything mentioned under this head can be done at once, nor perhaps in the very near future, but the items noted constitute what is necessary, in my opinion, for the better fire protection of the city.

First: The Aerial Truck located at the Central Station which has been in commission since 1892 and is now showing signs of weakening, I desire to recommend, be sold or exchanged in part payment for a new motor-drawn, seventy-five foot, aerial hook and ladder truck.

Second: Our city has made rapid strides in the past year in building many valuable residences on the Boulevard and Hampton Park Terrace, and some provision should be made for proper fire protection in these districts. I would therefore recommend the extension of the water mains and the addition of a few more hydrants therein.

Third: I must call your attention to the deplorable condition of Huger Street from Rutledge Avenue westward, that section of this street being absolutely impassible for our heavy fire apparatus at all times and during rainy weather our machines trying to roll through this heavy road would sink to the hubs and the apparatus would never reach its destination. I would therefore recommend that your board take such steps with the proper authorities as will result in the improvement of these conditions on Huger Street; that is, in the laying of paving of an approved character for the passage of our fire apparatus.

Fourth: In the matter of obtaining a better and larger water supply, I beg again to renew my former recommendation which were to extend water mains as follows:

The mains on the Eastern water front from the Southern Wharf to Laurens Street, where new and extensive terminals have been built, are not more than six inches in diameter.

General experience with these mains has fully demonstrated their lack of capacity to furnish an adequate water supply for fire fighting purposes under ordinary conditions. Six-inch mains when under considerable pressure, well gridironed and reinforced at close intervals by mains of larger size, may when in good condition prove satisfactory; but when some of the controlling conditions are unfavorable, as in the case here, it is practically certain that these small mains will fail to meet emergency requirements, and I urgently recommend that the system be strengthened by the insertion of larger mains in the following locations.

Tradd Street—East Bay to Prioleau Street, 8 inch main; Gillon Street—East Bay to Prioleau Street, 8 inch main; Vendue Range East Bay to Concord Street, 8 inch main; Hasell Street—East Bay

to Concord Street, 8 inch main; Society Street—East Bay to Concord Street, 8 inch main.

I would also recommend the extension of the main in Inspection Street, from Concord to Wharf Street, connecting to Vernon Street, and the placing of one hydrant at corner of Inspection and Wharf Streets; and the extension of the main in Marsh Street, from Calhoun, connecting same to Concord Street main opposite Crabb Street.

In concluding my annual report, I acknowledge with grateful appreciation the valuable assistance of the Chairman and Members of the Board, rendered me at all times. Your hearty co-operation has been a sustaining influence, while the many suggestions which you have made have enabled me to improve the character of my work.

To all the officers and members of the Department under my charge, I tender my sincere thanks for their loyal support, and for the efficient manner in which they have performed their public service and for the courage and efficiency they have displayed in their calling.

The Chief of Police, and various other Department heads, have at all times been eager to render such aid as was in their power for which I am deeply indebted.

To the foremen and linemen of the Consolidated Company, I wish to acknowledge my thanks for their promptness in responding to alarms and in giving us all desired assistance.

To Superintendent Bennett, of the water works, for his watchful care of the hydrants, that they always be in readiness for use.

To the citizens and the local representatives of the insurance companies, I wish to extend my thanks for the information received relative to the amount of insurance paid on losses at fires; also to the members of other departments who have been in touch with this department, and to the representatives of the press for their fair and impartial reports of the Fire Department's work.

Finally I desire to state that I have scanned carefully fire department reports from many of the cities in the United States. I have listened with a great deal of care and attention to debates in the Conventions of the International Association of Fire Chiefs, as to the progress which other cities are making in fire department work and from results accomplished by our own department I can say without fear of contradiction, that the fire department of the City of Charleston today is equal of that of any city of like size in this country and one of which our citizenship may well feel proud.

Respectfully submitted,

L. BEHRENS,

Chief Fire Department.

## **In Memoriam**

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### **Asst. Engineer M. L. Prince**

Joined the Department December 15, 1909,

Died May 27, 1916.

Length of Service—Six Years, Five Months,  
Twelve Days.

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### **Ladderman J. L. Sherut**

Joined the Department February 1, 1892,

Died August 20, 1916.

Length of Service—Twenty-four Years, Six Months,  
Nineteen Days.

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### **Foreman G. Moore**

Joined the Department July 15, 1882.

Died November 26, 1916.

Length of Service—Thirty-three Years, Four Months,  
Eleven Days.

## **In Memoriam**

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### **Asst. Foreman T. Boran**

Joined the Department February 19, 1908.

Died December 17, 1916.

Length of Service—Eight Years, Nine Months,  
Twenty-nine Days.

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### **Helper J. Ladson**

Joined the Department March 1, 1890.

Died December 22, 1916.

Length of Service—Twenty-six Years, Nine Months,  
Twenty-one Days.

**RECORD OF ATTENDENCE AT BELL ALARMS**

Chief in service 35 years, leave of absence 5, sick 2, attended 88.  
Assistant Chief, in service 30 years, leave of absence 1, attended 94.  
Batteryman, H. F. Behrens, in service 25 years.  
Electrician, E. Corcoran, in service 5 years, attended 95.  
Fireman, A. J. Jager, in service 35 years.  
Fireman, C. F. Pequette, in service 25 years, detailed to light duty.  
Driver, D. H. Swinton, in service 24 yrs, did not hear 2, attended 93.  
Driver, J. Heyward, in service 1 year, sick 22, attended 73.

**ENGINE COMPANY No. 1, PERMANENT FORCE**

Supervising Engineer, B. E. Bicaise, in service 35 yrs, attended 95.  
Assistant Engineer, T. E. Watson, in service 31 years, did not hear 1, attended 94.  
Fireman, W. A. Brandies, in service 20 years, attended 95.  
Fireman, James Lavelle, in service 4 years, attended 95.  
Fireman, L. Stelling, in service 1 year, attended 95.  
Driver, G. Wethers, in service 1 year, attended 95.  
Driver, J. Gibbs, in service 28 years, attended 95.

**CALL FORCE**

Foreman, H. D. Ramke, in service 35 years, did not hear 2, attended 93.  
Callman, P. Lynch, in service 28 years, attended 95.  
Callman, A. H. Schneider, in service 8 years, attended 95.  
Callman, J. Moore, in service 19 years, did not hear 2, attended 93.  
Company attendance 99½ per cent.

**MOTOR ENGINE COMPANY No. 2, PERMANENT FORCE**

Foreman, J. H. Wohlers, in service 14 years, leave of absence 1, attended 94.  
Engineer, G. H. Benedict, in service 18 years, did not hear 1, attended 94.  
Assistant Engineer, W. M. Ogilvie, in service 5 years, attended 95.  
Fireman, J. F. Bequest, in service 5 years, attended 95.  
Fireman, F. Stelljes, in service 5 years, leave of absence 1, sick 5, attended 89.  
Fireman, J. E. Duc, in service 4 years, attended 95.  
Fireman, H. L. Meyers, in service 1 year, attended 95.  
Fireman, W. Lindquist, in service 1 year, attended 95.  
Company attendance 99 per cent.



## COMBINATION COMPANY No. 3, PERMANENT FORCE

Engineer, E. A. Lloyd, in service 32 years, attended 95.  
Engineer, T. W. Halsall, in service 34 years, attended 95.  
Fireman, R. McKay, in service 5 years, attended 95.  
Fireman, W. Castillo, in service 14 years, attended 95.  
Fireman, C. Vose, in service 5 years, attended 95.  
Fireman, J. T. Corcoran, in service 4 years, leave of absence 1, attended 94.  
Fireman, H. Taylor, in service 4 years, attended 95.  
Fireman, E. C. Myatt, in service 5 years, leave of absence 1, attended 94.  
Fireman, E. N. Miller, in service 4 years, sick 2, attended 93.  
Fireman, A. J. Britton, in service 4 years, attended 95.  
Fireman, A. Rabuzi, in service 3 years, did not hear 1, attended 94.  
Company attendance 99½ per cent.

## ENGINE COMPANY No. 4, PERMANENT FORCE

Engineer, T. P. Daggett, in service 26 years, sick 2, attended 93.  
Assistant Engineer, T. G. McIndoe, in service 6 years, did not hear 1, attended 94.  
Driver, F. Bowman, in service 11 years, attended 95.  
Driver, C. R. Bates, in service 27 years, attended 95.  
Helper, H. Crum, in service 11 years, sick 1, attended 94.

## CALL FORCE

Foreman, E. J. Lacassagne, in service 34 years, did not hear 1, attended 94.  
Callman, D. R. Dixon, in service 2 years, did not hear 1, attended 94.  
Callman, L. J. Burmester, in service 17 years, leave of absence 1, attended 94.  
Callman, O. R. I. Vicadomini, in service 21 years, sick 2, did not hear 1, attended 92.  
Callman, J. E. Smith, in service 20 years, did not hear 3, attended 92.  
Callman, E. B. Hendricks, in service 2 years, did not hear 1, sick 1, attended 93.  
Callman, P. Verdie, in service 1 year, attended 95.  
Company attendance 98¾ per cent.

## ENGINE COMPANY No. 6, PERMANENT FORCE

Foreman, R. M. Sigwald, in service 16 years, attended 95.  
Acting Engineer, J. J. Farrell, in service 12 years, sick 2, attended 93.

Assistant Engineer, Chas. Michel, in service 6 years, attended 95.  
Fireman, E. M. Droze Jr., in service 9 years, did not hear 1, attended 94.  
Fireman, J. H. Tiedeman, in service 7 years, leave of absence 1, sick 1, attended 93.  
Fireman, I. S. K. Ellsworth, in service 6 years, attended 95.  
Fireman, O. Jackson, in service 2 years, did not hear 2, attended 93.  
Company attendance 99 per cent.

#### ENGINE COMPANY No. 7, PERMANENT FORCE

Engineer, W. H. Sigwald, in service 35 years, sick 2, attended 93.  
Assistant Engineer, A. R. Krantz, in service 10 years, sick 2, attended 93.  
Driver, W. Robinson, in service 10 years, did not hear 2, attended 93.  
Driver, A. Simmons, in service 30 years, sick 2, attended 93.  
Helper, D. Bowman, in service 30 years, attended 95.

#### CALL FORCE

Foreman, J. R. Lewis, in service 19 years, leave of absence 1, did not hear 2, attended 92.  
Callman, R. Dohrman, in service 26 years, did not hear 2, sick 8, attended 85.  
Callman, H. H. Ridgeway, in service 18 years, did not hear 5, attended 90.  
Callman, R. J. Ortman, in service 1 year, did not hear 1, attended 94.  
Callman, J. A. Gooley, in service 2 years, did not hear 1, attended 94.  
Callman, J. H. C. Meyer, in service 1 year, did not hear 2, attended 93.  
Callman, L. J. Reynold, in service 1 year, did not hear 1, attended 94.  
Company attendance 97½ per cent.

#### ENGINE COMPANY No. 8, PERMANENT FORCE

Foreman, J. Bennett, in service 28 years, did not hear 1, attended 94.  
Acting Engineer, J. H. Shriver, in service 25 years, attended 95.  
Assistant Engineer, W. Stello, in service 5 years, attended 95.  
Fireman, H. L. M. Kuck, in service 13 years, sick 37, attended 58.  
Fireman, P. Mandich, in service 28 years, attended 95.  
Fireman, R. Ravenel, in service 6 years, did not hear 1, attended 94.  
Fireman, H. Leopold, in service 5 years, did not hear 1, attended 94.  
Fireman, W. Wood, in service 2 years, attended 95.  
Company attendance 94¾ per cent.

**TRUCK COMPANY No. 1, PERMANENT FORCE**

Ladderman, H. C. Ford, in service 26 years, attended 95.  
Ladderman, R. H. Mears, in service 16 years, attended 95.  
Ladderman, W. W. Wheeler, in service 12 years, did not hear 1, attended 94.  
Ladderman, J. W. Marshall, in service 18 years, did not hear 2, attended 93.  
Driver, B. Lawrence, in service 12 years, attended 95.  
Driver, C. H. Smalls, in service 1 year, attended 95.

**CALL FORCE**

Foreman, W. G. Fridie, in service 33 years, did not hear 4, sick 5, attended 86.  
Callman, J. A. Nell, in service 33 years, did not hear 3, sick 7, attended 85.  
Callman, J. H. Green, in service 18 years, attended 95.  
Callman, F. C. Bestman, in service 10 years, did not hear 1, attended 94.  
Callman, G. M. Mears, in service 17 years, leave of absence 2, did not hear 2, attended 91.  
Company attendance 97½ per cent.

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**REPORT OF SUPERVISING ENGINEER.**

Charleston, S. C., January 1, 1917.

The Chairman and Board of Fire Masters:

Gentlemen: During the past year I have had all Engines tested quarterly, and superintended each test, Engines draughting from well. Have also instructed Engineers and Assistants in the proper care and management of Engines, and where any defects were perceptible, had same remedied. I also superintended the yearly capacity test, draughting salt water and using fresh water in boilers. Instructed men promoted to Assistant Engineers, and tested their ability to take charge of Engines. Examined all Fire Alarm Boxes and sent in test alarms three times a week. Looked after Fire Alarm Telegraph, during sickness of Electrician, and gave instruction and assistance in finding trouble and making repairs to all Fire Alarm apparatus when needed. Repaired and refitted nine Boxes and one Fire Alarm Gong burnt out during the storm in July. Boxes required new magnets, main springs cleaning, etc. Straightened shaft in bell striker and fitted new crank handles, also made a great many interior repairs to Fire Alarm Boxes, indicators, gongs, etc. Used Fire Department labor

and facilities in all work done to apparatus when possible to use them, and personally superintended same.

Relieved Ass't Engineer of No. 1 meal hours and nights off, and performed all duties as Engineer of No. 1, also examined parts ordered for repairs to Engine, boilers, heaters, etc. Superintended and repaired Engines as follows:

No. 8—Badly damaged by turning over at corner of Society and King Streets. About six weeks' work necessary to repair same by Engineer Benedikt.

Straightened frame and iron work Motor Engine No. 6, pump and machinery overhauled and renewed, two weeks' work; new radiator ordered. Assisted by Engineer Farrel.

Reserve Engine No. 6—Boiler tubes overhauled, two bad tubes taken out and plugs made for same. Assisted by Assistant Engineer Krantz.

Reserve Engine No. 5—Pumps overhauled and new grate bars, boiler painted, packing and other minor repairs. Assisted by Engineer Halsall.

Tractor Truck repaired, support mended, stuffing box bushed, etc. Assisted by Engineer Myatt.

Minor repairs to (No. 9 with No. 4), springs in pump, pet cocks, etc. Assisted by Engineer Daggett.

No. 7—Repairs to heater connections, brace for suction, etc. Assisted by Engineer Sigwald.

No 1 with No. 3—Grinding throttle and other minor repairs to brakes, valves, bolts, roller bearings, etc. Assisted by Engineer Lloyd.

No. 3—Repaired Shut-off nozzles, chemical nozzles, extinguishers. Made studd bolts, set bolts, small brass pipe, speed meter. Turned and chased brass bushings, special plugs, screws. Reboring and chasing couplings.

Repaired gauges, turned and chased new center and rebuilt circulating pump for Motor Engine No. 6.

Fitted up time gears, two new teeth, dressed up other teeth, made twelve pins, besides superintending various repairs and giving instructions concerning same.

Respectfully,

B. E. BICAISE,  
Supervising Engineer.

#### REPORT OF ELECTRICIAN OF FIRE ALARM TELEGRAPH.

Charleston, S. C., January 1, 1917

To the Chairman and Board of Fire Masters:

Gentlemen: I beg leave to tender this my annual report of the working and maintenance of the Fire Alarm Telegraph for the year ending December 31, 1916.

**NEW WIRES AND POLES.**

Wires were put up and replaced on Tradd Street, East Bay, Bull Street, Ashley Avenue, Archdale Street, Columbus Street, Morris Street, King Street, St. Philip Street, Wentworth Street, Coming Street, Line Street, Wolfe Street, Calhoun Street.

Overhead wires were run from Headquarters to Horlbeck's Alley, on Meeting Street, so that cable could be repaired; also on Meeting Street from Society to Calhoun, and from Mary to Wolfe Street.

Wentworth Street, from St. Philip to Smith; Tradd Street, from Meeting to East Bay, and from King to Legare Street, until cable is repaired.

**NEW POLES.**

Three, on Archdale Street; one, on Line Street; two, on Morris Street; one, on Columbus Street; two, on America Street; one, on Amherst Street; three, on Adger's Wharf; one, on Cleveland Street.

**DAMAGE DONE BY STORM.**

A blow on June 6th caused considerable damage to the Fire Alarm Telegraph. A tree falling on Archdale Street disabled the System for six hours.

The storm of July 13th put the Fire Alarm System out of order for twelve hours, and some parts of the line and boxes about ten days before repairs could be completed. Most of the repairs of wires and poles were caused by these storms.

**BOXES AND MACHINERY REPAIRED.**

Ten Boxes and Gong at No. 8 Station burnt out, caused by power wires falling on Fire Alarm wires during storms of June 6th and July 13th. Boxes 434, 243, 213, 724, 821, 723, 86, 811, 65, 83, 452, 615, 812. Indicator at Power House. Bell Strikers, Meeting Street and Cannon Street; minor repairs to other boxes, etc.

**BREAKS IN LINE.**

Several breaks caused by defective wires, accidents, and fuses burnt out by lightning, all promptly repaired.

**MATERIAL USED.**

Thirteen Poles, 45 Arms, 20 Box boards, 15 Rolls tape, 5 Miles of Wire. About 500 Glasses used for trap doors.

## SIGNALS.

Fire Alarms .....	95
Noon Signals .....	312
Test Alarms .....	126
Cold Wave .....	4
Cyclone .....	1
	<hr/>
	538

## NUMBER OF INSTRUMENTS ON CIRCUIT.

Circuits .....	1	2	3	4	5	6	7	8	Total
Boxes .....	19	21	18	15	18	18	9	8	126
Gongs .....	5	5	3	1	5	1	2		22
Indicators .....		3	1	1		1	1		7
Bells .....				2		1			3
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	24	29	22	19	23	21	12	8	158

Respectfully submitted,  
**E. CORCORAN,**  
 Electrician.

## REPORT OF THE SURGEON.

Charleston, S. C., January 1st, 1917.

To the Chairman and Board of Fire Masters:

Gentlemen: I have the honor to submit the following report of work done in the Department for the fiscal year ended December 31st, 1916.

Assistant Engineer M. L. Prince—Ruptured intestines, abdominal section, May 21st, 1916.

Engineer T. W. Halsall—Contused ribs; ribs strapped, May 21st, 1916.

Driver John Heyward—Contused and lacerated wound of left hand, July 15th, 1916.

Fireman E. N. Miller—Contusion of chest and abdomen and laceration of left knee, August 2nd, 1916.

Fireman J. E. Duc—Punctured wound of right hand, August 2nd, 1916.

Fireman J. T. Corcoran—Laceration of knuckles, September 26th, 1916.

Ladderman J. W. Marshall—Examined for promotion, September 28th, 1916.

Fireman Louis Stelling—Lacerated finger, November 7th, 1916.

Fireman E. M. Droze, Jr.—Lacerated finger of left hand, artery taken up, November 12th, 1916.

Engineer G. H. Benedikt—Sprained hand and leg, November 28th, 1916.

Ladderman W. W. Wheeler—Punctured wound of right hand, December 13th, 1916.

Callman J. Brandt—Punctured wound of right foot, December 17th, 1916.

Fireman J. T. Corcoran—Lacerated wound of left hand, December 17th, 1916.

Fireman C. F. Pequette—Visited weekly.

Respectfully submitted,

EDWARD RUTLEDGE, M. D.,  
Surgeon in Charge.

ANNUAL REPORT OF SUPERINTENDENT OF HORSES OF  
CHARLESTON FIRE DEPARTMENT.

Charleston, S. C., January 1st, 1917.

To the Chairman and Board of Fire Masters:

Gentlemen: I beg to submit herewith my annual report of attendance to the horses for the year 1916.

## ENGINE HOUSE No. 1.

Attended—

Jan. 12, Wagon horse for sore foot.  
Feb. 26, Wagon horse for sore foot.  
March 16, Engine horse lame hind leg.  
April 3, Engine horse lame front leg.  
July 1, Wagon horse for sore foot.  
July 12, Wagon horse for sore foot.  
Oct. 15, Wagon horse for sore foot.

## ENGINE HOUSE No. 3.

Attended—

Jan. 3, Wagon horse for colic.  
March 15, Wagon horse fracture of shoulder.  
April 8, Wagon horse for lameness.  
May 12, Wagon horse for colic.  
July 10, Wagon horse for colic.  
July 15, Wagon horse for lameness.  
Aug. 2, Wagon horse for lameness.  
Aug. 12, Wagon horse for colic.  
Oct. 16, Wagon horse for lameness.  
Nov. 6, Wagon horse for colic.

## ENGINE HOUSE No. 4.

Attended—

Jan. 6, Engine horse for lameness.  
March 12, Engine horse for colic.  
April 3, Engine horse for itch.  
May 6, Wagon horse for lameness.  
June 16, Wagon horse for lameness.  
June 23, Engine horse for lameness.  
July 6, Engine horse for colic.  
Aug. 17, Engine horse for lameness.  
Oct. 24, Engine horse for lameness.  
Nov. 4, Engine horse for lameness.



CHEMICAL HOUSE.

Attended—

Feb. 3, Engine horse for colic.  
May 16, Engine horse for lameness.  
June 2, Engine horse for colic.  
Aug. 4, Engine horse for colic.  
Oct. 22, Engine horse for lameness.  
Oct. 26, Engine horse for lameness.  
Nov. 1, Engine horse for no appetite.  
Nov. 12, Engine horse for bad tooth.  
Dec. 2, Engine horse for colic.  
Dec. 12, Engine horse for lameness.

ENGINE HOUSE No. 7.

Attended—

Jan. 21, Engine horse for colic.  
March 6, Engine horse for colic.  
April 15, Engine horse for lameness.  
May 16, Engine horse for nail in foot.  
June 12, Wagon horse for tetanus.  
July 15, Wagon horse for lameness.  
Aug. 12, Wagon horse for lameness.  
Oct. 25, Wagon horse for lameness.

ENGINE HOUSE No. 8.

Attended—

Feb. 16, Engine horse for lameness.  
March 3, Wagon horse for colic.  
April 25, Wagon horse for colic.  
June 10, Engine horse for lameness.  
July 23, Wagon horse for lameness.  
Aug. 6, Wagon horse for lameness.  
Oct. 22, Wagon horse for lameness.  
Nov. 3, Wagon horse for lameness.

TRUCK HOUSE.

Attended—

July 15, Truck horse for lameness.  
Dec. 20, Truck horse for sore foot.

## SUPPLY HOUSE.

## Attended—

Jan. 16, Wagon horse for colic.  
Feb. 12, Wagon horse for lameness.  
April 6, Wagon horse for lameness.  
May 12, Wagon horse for colic.  
June 23, Wagon horse for lameness.  
July 17, Wagon horse for lameness.  
Aug. 9, Wagon horse for lameness.  
Aug. 24, Wagon horse for lameness.  
March 28, Wagon horse fell dead.  
June 16, Destroyed horse with tetanus.  
Oct. 14, Destroyed horse with fractured leg.

I visited the stations regularly every twenty-four to forty-eight hours, answered all second alarms for the care of horses, assisted in selection of feed and superintended the buying of horses for the Department.

Respectfully submitted,

C. DUDLEY HASBROUCK, D. V. S.,  
Superintendent of Horses.

RECEIPTS AND DISBURSEMENTS BOARD OF TRUSTEES OF  
THE FIREMAN'S INSURANCE AND INSPECTION  
FUND, JANUARY 1, 1916, TO  
DECEMBER 31, 1916.

RECEIPTS.

To balance from last annual statement:—	
Pension Fund .....	\$16,286.34
Disabled and Superannuated Fund .....	500.00
	<hr/> \$16,786.34
Pension Fund:—	
State of South Carolina from Premiums, Fire Insurance Companies .....	2,180.66
One per cent Voluntary Assessment per Pay Roll.....	480.66
Disabled and Superannuated Fund:—	
Fines per Pay Roll .....	62.50
Interest on Deposit .....	911.06
	<hr/> \$20,421.22

EXPENDITURES.

By Pension Fund—	
Five per cent on \$2,186.66 to Firemen's State Association by Act of Legislature .....	109.03
Disabled and Superannuated Fund:—	
Funeral Expenses M. L. Prince .....	\$100.00
Funeral Expenses J. L. Shecut .....	100.00
Funeral Expenses G. Moore .....	100.00
	<hr/> 300.00
Balance .....	\$20,012.19
	<hr/> \$20,421.22

Funds Have to Credit December 31, 1916:—	
Pension Fund .....	\$19,512.19
Disabled and Superannuated Fund .....	500.00
	<hr/> \$20,012.19

Respectfully submitted,

J. O. LEA,  
City Treasurer.

Examined and found correct:

L. BEHRENS,  
HENRY P. WILLIAMS,  
Committee.

**RECEIPTS AND DISBURSEMENTS BOARD OF TRUSTEES OF THE FIRE-  
MAN'S INSURANCE AND INSPECTION FUND, JANUARY 1,  
1916, TO DECEMBER 31, 1916.**

**RECEIPTS.**

To balance from last annual statement:—	
Pension Fund .....	\$16,286.34
Disabled and Superannuated Fund .....	500.00
	<u>\$16,786.34</u>
Pension Fund:—	
State of South Carolina from Premiums, Fire Insurance	
Companies .....	2,180.66
One per cent Voluntary Assessment per Pay Roll.....	480.66
Disabled and Superannuated Fund:—	
Fines per Pay Roll .....	62.50
Interest on Deposit .....	911.06
	<u>\$20,421.22</u>

**EXPENDITURES**

By Pension Fund:—	
Five per cent on \$2,186.66 to Firemen's State Association by Act of Legislature .....	109.03
Disabled and Superannuated Fund:—	
Funeral Expenses M. L. Prince .....	\$100.00
Funeral Expenses J. L. Shecut .....	100.00
Funeral Expenses G. Moore .....	100.00
	<u>300.00</u>
Balance.....	\$20,012.19
	<u>\$20,421.22</u>
Funds Have to Credit December 31, 1916:—	
Pension Fund .....	\$19,512.19
Disabled and Superannuated Fund .....	500.00
	<u>\$20,012.19</u>

Respectfully submitted,

J. O. LEA,

City Treasurer.

Examined and found correct:

L. BEHRENS,

HENRY P. WILLIAMS,

Committee.

## Report of Market Commissioners

REPORT OF MARKET COMMISSIONERS

Charleston, S. C., January 10, 1917.

*The Honorable Mayor and Members of City Council,  
Charleston, S. C.*

*Gentlemen:*

Attached find Annual Statement of the Clerk of Market, showing collections and disbursement of the funds for the year 1916. I respectfully submit the same for your inspection.

Very truly,  
R. H. SIMONS,  
*Chairman Board of Market Commissioners.*

MARKET HALL

Charleston, S. C., January 1, 1917.

*To the Commissioners of the Public Markets.*

*Gentlemen:*

In accordance with law, I hereby submit a Statement of the transactions of this office from January 1, 1916, to January 1, 1917.

Respectfully submitted,  
OSKAR PRAUSE,  
Clerk of Markets.

## COLLECTIONS

From Vegetables, fruit, etc., .....	\$ 390.00
From Center Beef and Pork Markets, etc., .....	3,474.25
From Weights and Measures .....	68.37
From Scale Fees .....	168.46
From Fish Licenses .....	85.00
From Market Rent, for 1915 .....	5.00
From H. F. Brewer, Dispenser .....	200.00
From Two (2) Voting Precincts .....	6.00
Amount deposited in City Treasury .....	\$ 4,397.08
Expenditures .....	3,547.84
Balance in City Treasury .....	\$ 849.24

Note.—Damage of \$275.50 done Market during storm, paid by Insurance Companies.

Deposit of \$71.00, made January 2, 1917 to City Treasury, was too late to be credited to 1916 collections; this amount, therefore, goes in as 1917.

## EXPENDITURES

Gas .....	\$ 15.31
Repairs .....	176.82
Sundry Expenses .....	95.35
Insurance .....	83.25
Wages to Hand .....	543.75
Salary, Clerk of Market .....	1,200.00
Salary, Clerk Weights and Measures .....	900.00
Salary, Clery of Board of Market Commissioners, Miss Devereaux .....	100.00
Electric Lights .....	433.36
	\$ 3,547.84

## **Report of Park Commissioners**



BOARD OF PARK COMMISSIONERS.

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*January 1st, 1917.*  
*Term expires April 1919.*

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Samuel Lapham, *Chairman*  
Charles R. Valk, *Vice-Chairman*  
William M. Bird                      Waring P. Carrington  
George W. Williams                  William J. Storen  
George Kornahrens                  Louis Jacobs  
Joseph A. Patla                      Tristram T. Hyde, *Mayor*

---

J. A. Patla, *Secretary*  
57 Broad Street

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*Meetings, Third Tuesday in each month, 1 o'clock, P. M.,*  
*City Hall*

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COMMITTEES

CHICORA PARK COMMITTEE

George W. Williams, *Chairman*  
Tristram T. Hyde                      Joseph A. Patla

HAMPTON PARK COMMITTEE

Charles R. Valk, *Chairman*  
Samuel Lapham                      Tristram T. Hyde

## SHADE TREE COMMITTEE

Louis Jacobs, *Chairman*

William J. Storen

Joseph A. Patla

## LOWER WARD'S PARKS COMMITTEE

Waring P. Carrington, *Chairman*

George W. Williams

William M. Bird

## UPPER WARD'S PARKS COMMITTEE

William J. Storen, *Chairman*

George Kornahrens

Louis Jacobs

## SUPERINTENDENT OF PARKS

William H. Croghan

TWENTY-FIRST ANNUAL REPORT OF THE  
BOARD OF PARK COMMISSIONERS

December 31, 1916.

*To the Honorable Mayor and City Council:*

Gentlemen :--

The Board of Park Commissioners would respectfully present this, its 21st Annual Report for the fiscal year ending December 31st, 1916, together with the report of the Superintendent and Secretary, showing the work accomplished and a statement of the receipts and disbursements, vouchers being on file in the office of the City Treasurer.

Owing to the limited appropriation for parks, the funds at the disposal of the Board have been, with economy, only sufficient for the moderate care and maintenance of the parks, and thus but few improvements made.

The report of the Superintendent sets forth in detail the work that has been accomplished, during the past year, the principal improvements as to buildings being to the residence of the Superintendent and Gardener, and as to grounds, the new roadway in Hampton Park along the line of the Seaboard Air Line Railway.

The great need of a driveway along the river front of Hampton Park is again brought to the attention of City

Council, in hope that this year it may see its way clear to make an appropriation for this purpose. It is doubtful if any of the schemes of park development will meet with more general and hearty approval of the public than this proposed river drive, with its walks. This driveway along the marsh and bluffs will command the Ashley River scenery with all its beautiful vistas and views, and in the opinion of some of the most eminent landscape architects would make one of the most superb drives in this country. As Hampton Park has been developed and its use by the public increased the problems of maintenance are gradually taking the place of those of improvements and construction, and it is only by appropriations from City Council for improvements that this park can be further developed as it should be.

The urgent need of repairs to sea wall at South Battery, provided the contemplated driveway around South Battery be not authorized, should also be provided for, but if the proposed roadway be built, the sea wall of this roadway will take the place of the sea wall of the Battery.

The Northern half of Hampstead Mall has been turned over to the Play Grounds Commission, as no other place in the eastern section of the city could be obtained for a play ground, and is now under its jurisdiction.

The office of City Forester was established by City Council the past year and the Shade Trees and Grass Plots on the streets of the city have been placed in his charge, and under his supervision the planting, care and maintenance, of the

same. An effort should be made to follow a plan whereby districts throughout the city be intersected by tree-lined streets. Streets having street car lines and business frontage should be avoided as both are antagonistic to tree growth, and narrow streets are unfitted for tree planting. It is not enough that parks be beautiful and adorned, but the whole city should be, grass plots with trees and shrubs should be universal and where the abutting owners do not give the necessary care and attention, the city should assess the cost on the lots.

The band concerts at the Battery and Hampton Park have been largely attended and greatly appreciated by the citizens. The music furnished in these parks is no longer considered a luxury, but is looked upon as a necessity.

Charleston may take justifiable pride in her parks and derive pleasure from the praises of her guests but a cloud comes over the scene with the reflection that there is so much lacking in the completeness of the parks and the prospect of needed additions and improvement is so remote.

All of which is respectfully submitted:

BOARD OF PARK COMMISSIONERS

Samuel Lapham, *Chairman*

J. A. Patla, *Secretary*

**PARK AREAS.**

Chicora Park.....	318	acres
Hampton Park .....	317	"
Colonials Commons .....	9	"
White Point Gardens .....	7	"
Marion Square .....	6	"
Hampstead Mall .....	4	"
Cannon Park .....	3	"
Wragg Square .....	1	"
Wragg Mall .....	1	"
Washington Park .....	1	"

and following Public Squares:

Lucas, Market and Keystone Squares.

# **Superintendent's Report**

**December 31st, 1916.**

SUPERINTENDENT'S REPORT

For the Fiscal Year Ending December 31, 1916

*To the Board of Park Commissioners:*

Gentlemen:

I herewith present an account of the work accomplished during the year ending December 31, 1916.

HAMPTON PARK

To replace the driveway that was taken in by the Seaboard Air Line Railroad a new roadway has been laid out 1,500 feet long and 40 feet wide, and a 12 inch pipe drain laid under road. One hundred Hackberry and one hundred Dogwood trees have been set out on side of road, thus completing a continuous drive around entire park.

A cement basin has been built for Otter furnished with a continuous flow of fresh water, the overflow from same being carried to the lake. Pergola has been straightened and guyed with heavy wire on both sides and ends, and center or top supported by wire trusses and wood blocks. Band Stand has been repaired, all decayed sills taken out, and new ones put in their place. Green House has been enlarged twenty-four feet, so as to enable Gardener to take care of the enlarged gardening grounds, and all glass re-puttied so as to ensure against rain or cold. A new stove has been bought to keep temperature at even heat. Gardener's Cottage has been repaired and painted. Sanitary plumbing installed. Superintendent's Cottage enlarged; bath and toilet installed. Fifty rolls of rubber roofing purchased for barns and sheds.



A new mowing machine has been bought, also several hundred sticks for Chrysanthemums and dahlias. One hundred benches purchased. Wire fence has been placed along Dunneman's line to protect young hedge. Forty large Maple trees removed from Park and set out in groups on Rhett extension. Ten acres sowed in cowpeas to enrich soil, hay raised and barns filled for use of stock at Park. Several thousand bulbs bought and planted. These bulbs should make a fine show this spring. Several hundred each of Dogwood, Holly Wild Azaleas and roses set out. Manure has been purchased for gardens. Lawns, hedges and walks kept in good condition during year. From the effects of the storm or too wet condition of soil thirty large Oak trees died during the year, and had to be removed. During the early summer water in lakes became polluted and caused intestinal trouble among our water fowl, with the loss of 2 white swans, 2 wild geese and 30 ducks. Bay horse was sold for \$15.00 and check sent to City Treasurer

#### LOWER WARDS' PARKS.

All of these Parks have received their usual attention. Lawns, trees and hedges kept in good condition at

WHITE POINT GARDEN.—The South Sea Wall has been repaired to a point halfway between Meeting and King Streets, \$1,000.00 having been expended on same. Drain under Band Stand has been repaired, and a concrete floor laid. Six-inch drains have been put in on walks where needed, with eight catch basins. Benches have been repaired. Seventeen Palmetto trees set out. Twelve hundred Hyacinth and Tulip bulbs set out. Trees, lawns and walks kept in good condition.

## UPPER WARDS' PARKS.

All of these Parks have been kept in good condition and trees, lawns and walks received attention, and at

HAMPSTEAD MALL.—The Granite curb laid on walks from America Street northwest to Columbus Street. Wire picket fence placed at corner of Park, south of Columbus Street. Trees, lawns and benches kept in good condition. One Thousand bushels of Beach Shell purchased for walks on this Park.

## SHADE TREES.

The care of the Shade Trees has been turned over to the City Forester, and under his direction to carry out a systematic plan of street tree planting and maintenance.

Fifty Oaks set out on streets at Hampton Park Terrace. Fourteen Palmetto trees set out on Calhoun Street, and three on Boulevard. Caterpillars kept under control. The storm of July 17th played havoc with trees in City. We managed to straighten about one hundred and twenty-five, and made them secure by fastening to six-inch posts. There are very few valuable trees left in City streets. We employed two men to September 1st removing dead and dangerous limbs from trees.

## REMARKS.

Owing to the Chain Gang being taken from the Park during 1916, with the exception of but one month, the roads or drives were in a very poor condition, and caused many complaints. If we are to be deprived of the use of the Chain Gang during 1917, I would ask that provision be made for the employment of four additional men in

order to keep roadways in proper condition and free from weeds, as it is impossible to accomplish this with our present force of workmen.

There still remains two hundred and twenty-five feet of the sea wall at South Battery to be finished which will require an appropriation of \$600.00.

Attention is again respectfully called to the need of new pavements in Washington Square and of a Roadway at Hampton Park.

#### PARK PROPERTY.

HAMPTON PARK.—2 mules, 2 carts, 1 wagon, 1 hay rack, 1 watering cart, 2 mowing machines, 1 horse rake, 4 sets harness, 500 benches, 100 feet garden hose, 1 grind stone, 1 vise, 1 stone roller, 1 pipe wrench, 1 anvil, 1 crow bar, 24 shovels, 3 axes, 6 hay forks, 2 shell forks, 6 hoes, 6 rakes, 6 buckets, 2 brooms, 3 wheelbarrows, 6 mattocks, 2 scythes, 2 shears, 4 ladders, 4 saws, 1 lawn mower and 2 mole traps.

LOWER WARDS.—2 lawn mowers, 2 scythes, 2 wheelbarrows, 2 brooms, 2 spades, 2 shovels, 2 rakes, 2 shears, 2 saws, 2 ladders, 200 feet hose.

UPPER WARDS.—2 lawn mowers, 2 scythes, 2 saws, 2 rakes, 2 brooms, 2 ladders, 2 wheelbarrows, 2 shears, 2 spades.

SHADE TREES.—2 ladders, 2 mattocks, 200 feet rope, 1 block and tackle.

TURNED OVER TO FORESTER.—1 30-foot ladder, 2 hand saws, 1 Gator saw, 1 cross-cut saw, 1 pair pruners, 1 block and tackle, 100 feet of one-inch rope.

Respectfully submitted,

W. H. CROGHAN,  
*Superintendent.*

Receipts and Disbursements.  
**Secretary's Report.**  
December 31st, 1916.

## SECRETARY'S REPORT.

## DISBURSEMENTS FOR FISCAL YEAR 1916.

## HAMPTON PARK.

Care .....	\$4,637.13
Maintenance .....	1,983.86
Police .....	2,340 00
Trees .....	560.04
Improvements .....	169.00
Incidentals .....	24.25
	<hr/> \$ 9,714.28

## LOWER WARDS.

Care, labor .....	\$1,012.65
Maintenance .....	458.56
Trees .....	81.00
Improvements—Battery Wall .....	1,008.45
	<hr/> \$ 2,660.66

## UPPER WARDS.

Care .....	\$1,279.95
Maintenance .....	117.69
	<hr/> \$ 1,397.64

## SHADE TREES.

Care .....	\$1,020.24
Maintenance .....	167.67
Trees .....	85.50
Forester's account—Special .....	327.00
	<hr/> \$ 1,600.41

## ADMINISTRATION.

Superintendent .....	\$1,000.00
Secretary .....	300.00
Gardener .....	1,000.00
Music .....	105.00

Car tickets .....	125.00
Incidentals .....	88.62
	<hr/>
	\$ 2,618.62
Library Building—Special .....	40.50
	<hr/>
Total expenditures .....	\$18,032.11

## EXPENDITURES.

Hampton Park .....	\$9,174.28
Lower Wards' Parks .....	2,660.66
Upper Wards' Parks .....	1,397.64
Shade trees .....	1,600.41
Administration .....	2,168.62
Library Building—Special .....	40.50
Unexpended, covered into City Treasury .....	517.89
	<hr/>
	\$18,550.00
	<hr/>
Total appropriation for Parks .....	\$18,550.00

J. A. PATLA,  
Secretary.

CONDENSED STATEMENT EXPENDITURES BOARD OF  
PARK COMMISSIONERS AS PER THE BOOK  
OF THE CITY TREASURER.

## PARKS.

Salary of Superintendent .....	\$1,000.00
Salary of Secretary .....	300.00
Salary of Gardener .....	1,000.00
Salary of Police and Watchman .....	234.00
	<hr/>
	\$ 4,640.00
Car tickets .....	150.00
Petty cash .....	20.00
Music .....	105.00
Lights .....	131.84
Forage .....	387.85
Shoeing .....	16.88
Telephone .....	24.00
Incidentals, insurance, subscriptions, etc. ....	33.25
Printing Annual Report, stationery, etc. ....	59.25
Purchase trees, etc. ....	726.54

Pay rolls, care .....	8,049.97	
Pay rolls, special Library grounds .....	40.50	
Repairs, lumber, paint, cement roofing, etc. ....	2,159.58	
Improvements, glass green house, gravel and cement.....	365.30	
Pay roll .....	812.15	
Salary of Forester .....	\$300.00	
Expenses .....	10.00	310.00
		<hr/>
		\$18,032.11

# Playground Commission



## REPORT OF PLAYGROUND COMMISSION.

Charleston, S. C., January 12, 1917.

*To the Honorable Mayor and City Council  
of Charleston, S. C.*

*Gentlemen:*

Attached hereto please find the detailed Annual Report of the Supervisor of Playgrounds for 1916 which is marked Exhibit A. Also his suggested Budget for 1917, marked Exhibit B. A careful study of the first cannot fail to be a cause of intense satisfaction to each of you, for without the advice, leadership and support rendered cheerfully by you and each of you, none of the splendid results attained would have been possible. Indeed, our Commission has only been your immediate supervisory agent in Playground matters. The real proprietor and responsible factor in the very nature of the case is your honorable body. To paraphrase: the Commission proposes, you dispose. It must be a matter of pride to you to know that today as never before there are literally overwhelming evidences of the fact that individual citizens and bodies of citizens most heartily approve of this particular piece of civic work you are doing through us and evidence this fact in many encouraging ways.

## POLICY FOR 1916.

We have maintained efficiently and very economically the Playgrounds at Mitchel Park, Marion Square and the Mall. The only extension has been at the Mall, where with your approval in advance, we have substituted a reasonable adequate equipment for the poor, insufficient layout we had at beginning of the year. We have also carried out

our agreement with the Ways and Means Committee and separated the Mall, as the two other Playgrounds, into two sections, one for girls and one for boys. We have had the opportunity to open new playgrounds in unserved sections, grounds are much needed, but we have felt that our Commission should not ask for additional funds in the days when your honorable body is grappling with serious financial problems hitherto unknown. We have kept the faith and have lived strictly within our Budget.

In addition to the work on the above mentioned regular Playgrounds, your Commission as a body and through its agents has rendered at times supervision of play at various places in the city such as on the Boulevard, in Parks, and so on. We have cooperated actively and heartily with all affiliated public and private agencies having kindred aims. In particular, by granting a portion of Mr. Lunk's time to the Juvenile Protective League, we helped willingly in this exceedingly important work. We frankly believe that the time has arrived when we need all of the time of our Supervisor. We also heartily concur in the conclusion that the program of the Juvenile Protective League is essentially the work of the City of Charleston and we look forward to the time when from social, economic and moral advantages to be attained, your honorable body will undertake this work. It is as important as anything else you do. To lock up and restrain a man or woman, which you must do, is at best only addition; to properly guide and develop boys and girls inclined the wrong way or not having a fair chance, is multiplication. Miss Adele J. Minahan has also rendered valuable cooperation to various city building programs.

#### TRANSFER OF NORTH PART OF MALL.

Actuated by unselfish motives and by a desire for effi-

ciency in handling this part of the City's business, the Board of Park Commissioners addressed us a communication in December, stating that they would in their annual report recommend to City Council the transfer of the Northern half of the Mall from their supervision to ours. In this we most earnestly and heartily concur. We will occupy and use daily this whole territory. It goes without saying that if we are to be held responsible for it we ought to be given the right to control it in the name and interest of the City. We would appreciate early action in this regard, along such lines as may be suggested by Corporation Counsel.

#### BATH HOUSE COMMISSION.

Very wisely, your honorable body during 1916 unofficially referred the matter of plans and program of the Bath House Commission to us. We have done nothing in this connection because of two things. First, the fact that we have been given no actual authority by you; second, lack of funds. We recommend that you officially turn over to us the work of the Bath House Commission in such manner as you deem best, if you desire us to assume the responsibility for this work.

#### POLICY FOR 1917.

It is only wise and proper that we should present to you an ideal Budget, as per Exhibit B. We understand the difficulties financially which you face however, and we give you herewith the very least amount with which we can maintain the present Playgrounds on their present basis of efficiency:

(a) To maintain present work, \$5,365.00.

ITEM	Spent 1916	Supervisor's Request for 1917	Board needs for 1917
Salaries .....	\$3,332.35	\$6,500.00	\$3,900.00
Equipment & Supplies..	880.52	2,235.00	660.00
Repairs .....	101.83	325.00	175.00
Hauling .....	35.15	40.00	40.00
Petty Cash .....	60.00	60.00	60.00
Office .....	3.85	65.00	65.00
Labor .....	188.05	320.00	195.00
Miscellaneous .....	188.07	115.00	115.00
Light .....	20.30	25.00	25.00
Printing .....	7.00	30.00	30.00
Athletic Meets .....	100.00	100.00	100.00
Totals .....	\$4,917.12	\$9,815.00	\$5,365.00

You will see that the small increase is occasioned by our establishing a dual Playground at the Mall.

#### IN GENERAL.

The Board has ten members, five of them women and five men, one of the latter being the Mayor, Ex-Officio. Ten regular meetings have been held with an attendance of 62 and five special meetings with an attendance of 28 or fifteen board meetings with a total attendance of 90. That is an average attendance of more than sixty per cent. Add to this the many sub-committee meetings and you will see that every member of this Board takes his or her position thereon seriously. In addition members of the Board are appointed each month to have direct visitorial and supervisory relationship to each of the three Playgrounds.

Earnestly requesting your careful consideration of the more detailed reports which follow, I am for the entire Board,

Yours truly,

R. H. KING,

*Chairman of the Municipal  
Board of Playground Commissioners.*

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EXHIBIT A.

*Mr. R. H. King, Chairman,  
Municipal Play Ground Commission,  
Charleston, S. C.*

*My Dear Sir:-*

May I herewith submit the report of the work done on and through the Municipal Play Grounds for the year ending December 31, 1916.

ATTENDANCE

It is with enthusiasm that we view the work done during the past twelve months, for we feel there have been some definite results. It has been the aim of the Directors and Supervisor to provide supervised plays on the grounds every day that the weather would permit, Sundays excepted. The attendance, which has been most encouraging, has been as follows:

	Days.	
	Grounds Open	Attendance
January .....	20	12,745
February .....	23	10,115
March .....	26	13,360
April .....	22	16,005
May .....	26	12,144
June .....	23	11,390
July .....	20	13,370
August .....	22	11,160
September .....	28	10,545
October .....	22	6,436
November .....	22	5,265
December .....	20	5,060
	<hr/> 274	<hr/> 127,595

#### PROGRAM OF ACTIVITIES

At all times the health and welfare of the children have had first consideration. During the cooler months the heavier games and activities were carried on, such as Basket Ball, Foot Ball, Athletic games, etc., while during the hot months, the aim has been to conduct such work that those taking part could utilize the shade, which is plentiful on all the grounds. Beginning with May and continuing until the cooler weather, the Wading Pool on Mitchell Park, has been almost constantly used by scores of children.

For the first time an attempt was made by the Director on the Mitchell Park to conduct some sort of Industrial work during the Summer months. This work was carried on under great disadvantages and with very little equipment; but, from the interest manifested by the children, the efforts were well worth the while. Doll clothing was made

by the smaller children, while other hand work was done by the older girls: Kites and boats were made by the boys who engaged in competitive contests after they had completed the article on which they worked. Here again the wading pool was used very extensively for the boat races. Inexpensive prizes were given the winners in these contests.

#### CO-OPERATION.

The policy of co-operation on the part of the Directors and Supervisors has been continued throughout the year. Through the activities of Miss Minahan, it has been possible to conduct a limited amount of recess play on the grounds of the Craft and Mitchell Schools. Miss Minahan has also been instrumental in bringing to pass the equipment of the school grounds at Mount Pleasant. In co-operation with the Chamber of Commerce it was possible to arrange for and carry out Field Days at Edisto Island and Rockville; also to participate in the Chamber of Commerce day at the Isle of Palms; working with the Police Department the Supervisor has continued the handling of Juvenile Delinquent cases; while through the Juvenile Protective League, many phases of child welfare work have been taken care of: at Christmas time the Community Xmas tree was arranged for and promoted through the efforts of Miss Minahan, who led the committee. The Y. W. C. A. Civic Club, Junior Civic Club, City Orphan Asylum, Public School System, Mitchell Home and School Association, and the various City departments have been given all the assistance possible; and, in return we have received most valuable help from them. Especially would we thank in this formal way, City Engineer, J. H. Dingle for the help he has so generously given often at a sacrifice to his own department: The Wading Pool has been the source of a very great deal

of pleasure to hundreds of children, and will continue to be so.

#### INDIVIDUAL PLAYGROUNDS

In speaking of the work done on the several playgrounds, it is but just to recognize the personality of the director of the grounds. On Mitchell grounds the work has been planned and carried out for the fifth year by Miss Adele J. Minahan. Through her efforts the work has grown and expanded until it has become a real force in the neighborhood.

On the Mall, the directors have been face to face with some of the very hardest problems of the whole system. During the month of September it became necessary for Miss Ethel M. Cohen to sever her connection with us as one of the directors of this playground. Shortly after this Miss Gantt, too, was taken down with illness and was granted leave of absence until January 1st. Miss Jennie R. Porcher, who has been one of the valuable volunteer workers, was engaged to fill these places, and has taken charge most admirably. During the latter part of the year improvements were begun on the Mall playground. The first thing done was the moving of the bandstand from the center of the present grounds to the northeast corner. This has made supervision easier and more effective as well as more work possible a fence will be built around the grounds, as well as re-equipment of the whole plot. Provision will be made for a "baby corner," which will make the caring for the children who come with nurses more effective.

Marion Square, the newest of the Municipal Playgrounds, and because of its location, continues to be very popular. R. M. Means, Jr., Director of boys on this



ground, has been absent with the troops on the border since June. His place has been most admirably filled by Miss Hattie Palmer, who has been the Directress of the girls' work; Miss Palmer having the general supervision of the grounds as well as the work among the boys. Miss Phoebe Legare, who was another one of the volunteer workers, has been temporarily placed in charge of the girls and she is now carrying on the work in an excellent manner. Assisting in caring for the apparatus is Charles Miller, who is "one of the boys" on the grounds, and he is willing to do as directed.

#### NEW PLAYGROUNDS SUGGESTED

1. Northern section at the Royal Bagging Mills. This is most seriously needed.
2. Southern section, at King and South Battery.
3. The colored children at the colored Y. M. C. A., property on Cannon Street.
4. West side, either at Cannon or Lucas Street Park.
5. East side, place to be found.

The above playgrounds should be provided for as soon as practical in the sections named.

I strongly urge that the budget proposed in the appended Exhibit be adopted.

#### CONCLUSION

I am grateful for the help given by the members of the

staff, Misses Minahan, Palmer, Gantt, Porcher, Cohen and Legare; and Messrs. Means and Miller.

And again, I will mention the corps of volunteers, who worked early and late, and were willing to fill vacancies.

Respectfully submitted,

WM. R. LUNK,  
*Supervisor.*

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(Exhibit B.)

#### IDEAL BUDGET

##### *General Administration:*

Supervisor's Salary .....	\$1,500.00
General Labor .....	75.00
Petty Cash .....	60.00
Office Expenses .....	65.00
Printing .....	30.00
Hauling .....	40.00
Miscellaneous .....	115.00
Meets and Festivals .....	100.00
New Equipments .....	225.00
	<hr/>
	\$2,210.00

##### *Mitchell Playground:*

Salaries, at \$50.00 .....	\$ 600.00
Supplies and Equipments ....	145.00
Repairs .....	75.00
Labor .....	40.00
Light .....	25.00
	<hr/>
	885.00

*Mall Playground:*

Salaries, Men .....	\$480.00	
Salaries, Ladies.....	360.00	
		\$ 840.00
Supplies .....		145.00
Repairs .....		50.00
Labor .....		40.00
		\$1,075.00

*Marion Square:*

Salaries, Men.....	\$600.00	
Salaries, Ladies.....	360.00	
		\$ 960.00
Supplies .....		145.00
Repairs .....		50.00
Labor .....		40.00
		\$1,195.00

*North End, or Royal Bag Mills:*

Salary, at \$50.00 .....	\$ 600.00	
Equipment .....	150.00	
Repairs .....	25.00	
Labor .....	25.00	
		\$ 800.00

*Battery:*

Salary .....	\$ 300.00	
Equipment .....	300.00	
Repairs .....	25.00	
Labor .....	25.00	
Erecting Apparatus .....	75.00	

*Colored Playgrounds:*

		\$ 725.00
Salary .....	\$ 500.00	
Equipment .....	300.00	
Repairs .....	50.00	
Labor .....	25.00	
		\$ 875.00

*West Side:*

Salary .....	\$ 600.00
Equipment .....	300.00
Repairs .....	25.00
Labor .....	25.00
Erection of Apparatus .....	75.00
	<hr/> \$1,025.00

*East Side:*

Salary .....	\$ 600.00
Supplies and Equipment .....	300.00
Repairs .....	25.00
Labor .....	25.00
Erection of New Apparatus .....	75.00
	<hr/> \$1,025.00

Total.....\$9,815.00

## RECAPITULATION

	Budget '16.	Spent '16.	Needed '17.
Salaries .....	\$3,690.00	\$3,332.35	\$3,900.00
Equipm't and Supplies .....	600.00	881.52	660.00
Repairs .....	125.00	103.71	175.00
Hauling .....	30.00	35.15	40.00
Petty Cash .....	60.00	60.00	60.00
Office .....	75.00	3.85	65.00
Labor .....	125.00	188.05	195.00
Miscellaneous .....	75.00	188.07	115.00
Light .....	25.00	20.30	25.00
Printing .....	40.00	7.00	30.00
Meets and Festivals....	100.00	100.00	100.00
	<hr/>	<hr/>	<hr/>
Total present work	\$4,920.00	\$4,920.00	\$5,365.00
	<hr/>	<hr/>	<hr/>

## NEEDED FOR NEW GROUNDS

North End .....	\$ 800.00
Battery .....	725.00
Colored (Cannon Street) .....	875.00
West Side .....	1,025.00
East Side .....	1,025.00

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Total for New Grounds ..... \$4,450.00

*Budget needed for 1917* ..... \$5,365.00

*Budget needed for New Playgrounds* 4,450.00

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\$9,815.00

WM. R. LUNK,

*Supervisor.*

**Report of Commissioners  
Colonial Common and Ashley River  
Enbankment**

REPORT OF THE BOARD OF COMMISSIONERS  
OF COLONIAL COMMON AND ASHLEY  
RIVER EMBANKMENT

Charleston, S. C., March 5, 1917.

*To the Honorable T. T. Hyde, Mayor,  
and Members of City Council.*

*Sir:*

Attached herewith is the annual financial report of our Board for the year 1916.

The death on August 13th of Mr. Samuel S. Buist deprived this Board of the services of one of its most valued members. Appointed a member on October 11, 1881, at the time of the formation of the Commission, he has continuously served as Secretary and member of the Board for a period of thirty-five years, giving of his time and his services unstintingly, holding always the interest of the city in its relation to this pleasure ground near and dear to his heart. Present at almost every meeting of the Board, his good judgment and his unsparing efforts could always be relied upon.

Very respectfully,  
WILSON G. HARVEY, Chairman,  
J. N. NATHANS, Treasurer,  
ROBERT C. LEBBY, Secretary,  
JOHN M. RIVERS,  
ROBERT C. RICHARDSON,  
ROBERT P. EVANS,  
A. W. LITSCHGI,  
JOHN T. RODDY,  
C. C. WARING,  
A. E. BAKER, M. D.,  
*Commissioners.*

(Year 1917.)

## RECEIPTS

Balance from last year's report .....	\$ 2,454.32
Rentals from Anderson S. and B. Co. ....	1,000.00
Interest from Savings Department .....	80.39
	<hr/>
	\$ 3,534.71

## EXPENDITURES

Salary of Care Taker (51 weeks) .....	\$ 510.00
Extra labor, including new repairs to concrete .....	283.39

## Sundry Bills

M. H. Lazarus & Co. ....	1.50
Anderson Lumber Company .....	1.62
Ball Supply Company .....	4.08
Ball Supply Company .....	14.08
M. H. Lazarus & Co. ....	7.06
Anderson Lumber Company .....	5.08
I. S. K. Ellsworth .....	16.28
Ortmann Brothers .....	10.60
W. H. Elbrock .....	31.00
I. S. K. Ellsworth .....	4.00
H. A. Meyer .....	10.65
W. H. Elbrock .....	9.20
W. H. Elbrock .....	9.20
H. A. Meyer .....	5.00
Carolina Portland Cement Company .....	32.50
I. S. K. Ellsworth .....	5.20
T. H. Reynolds .....	42.00
M. G. Silvia .....	15.00
J. J. W. Luden .....	3.09
I. S. K. Ellsworth .....	5.00
Anderson Lumber Company .....	25.74
H. A. Meyer .....	4.00
Carolina Floral Company .....	5.00
	<hr/>
	1,060.27
Balance (Cash in Bank, Savings Dept.).....	\$ 2,080.39
Balance (Cash in Bank, General Dept.).....	394.05
	<hr/>
	2,474.44
	<hr/>
	\$ 3,534.71



**Report of Commissioners  
Marion Square**

MARION SQUARE

Charleston, S. C., January 10, 1917.

*To the Honorable The Mayor  
and City Council of Charleston.*

*Gentlemen:*

The Commissioners of Marion Square would respectfully call the attention of the City Council to the following recommendations for the improvement of the Square.

1. The parade ground is in urgent need of repair, its present condition being such that it can hardly be used for the purposes of a drill-ground, owing to the rough condition of the surface due to the washing away of the Georgia clay and the exposure of pebbles and rocks. We recommend that the surface be repaired with Georgia clay, well packed and rolled, or else that a permanent covering of asphalt or concrete be laid on the ground.

2. The lighting of the Square is inadequate for its protection from abuse. We recommend a new method of lighting according to plans submitted to the Committee on Lighting.

3. We also recommend that a policeman be detailed at night for the supervision of the Square. There is no particular need for such a detail during the day, but there is urgent reason for such supervision at night.

We make below the financial statement for the year 1916.

By appropriation .....	\$ 500.00
To salary of Keeper of Square..	\$ 400.00
To extra labor .....	57.70
To trees .....	5.00
To supplies .....	4.76
To balance unexpended .....	32.54
	<hr/> \$ 500.00

Respectfully submitted,

O. J. BOND, Chairman,  
*Marion Square Commission.*

# Education in Charleston

REPORT OF THE TRUSTEES OF THE COLLEGE  
OF CHARLESTON

Charleston, S. C., January 31, 1917.

*To the Honorable the Mayor and Aldermen  
of the City of Charleston, S. C.*

*Gentlemen:*

We beg to submit herewith in behalf of the Board of Trustees of the College of Charleston, the annual report of Dr. Harrison Randolph, the President of the Faculty giving a general account of the work of the College during the year 1916. A summary of the annual report of the Treasurer is also appended.

It will be observed that owing to its high standard of scholarship the College has been admitted to membership in the "Southern Association of Colleges." The fact that our City college is the only college for men in South Carolina which is entitled to hold membership in the association speaks volumes for the high standard of scholarship maintained in our venerable institution.

Attention is also called to the fact that in the competition here for the Rhodes scholarship at Oxford a graduate of our college, being the fourth of our graduates to do so, won the scholarship assigned to the State of South Carolina. This scholarship was awarded to Mr. A. C. Dick of the Class of 1915 and reflects great credit upon him as well as upon the College.

Respectfully submitted,

JNO. F. FICKEN,  
*President of the Board.*

## PRESIDENT'S REPORT

*To the Trustees of the College of Charleston:*

The President of the College has the the honor to submit the following report for the year ending December 31, 1916.

The most important matter before the College during the year under review was the question of so adjusting its academic requirements as to meet the standards by which college work is rated and certified. For us the requirements chiefly involved were those relating to the admission of students. In recent years the College has found itself facing a dilemma. Either recognized standards were to be instituted, or the milder requirements retained. If the second alternative stood, the baccalaureate degree of the College would be open to reproach; if the first alternative were chosen and such standards announced as would satisfy modern demands for the baccalaureate degree, there was grave danger of a diminution of numbers.

## STANDARDS OF ADMISSION

Now the College of Charleston has always stood, in its local field, for elevation of standards to such a point as educational conditions in South Carolina would permit. For many years it belonged to the Southern Association of Colleges and Secondary Schools, having become a member in 1900 and continuing so till 1909. It is the only college for men in South Carolina which has ever belonged to the Association. In 1909 the Association increased its standard of entrance requirements for the colleges belonging to it, and the College of Charleston felt it necessary to withdraw. The matter was debated carefully. The impulse was to advance requirements and continue the one South Carolina

college in the Association. But at that time the state of the high schools in South Carolina did not justify attempting so great an increase in entrance requirements.

Since then the improvement of the high schools in the interior of the State has enabled the College to institute a gradual improvement of standards. In 1913 the admission requirements of the College were increased to 12½ units with a minimum requirement of 10 units; in 1914 they were increased to 14 units with a minimum requirement of 10 units; and in 1915 they were finally made the same as the requirements of the Southern Association—14 units with a minimum requirement of 12 units. Our application for readmission to the Association was immediately filed, and in November, 1916, the College was admitted to the Association, being the only college, of the many applying for admission, which was received.

However, during this period of gradual elevation of requirements the College has by no means been unfaithful to its announced standards for the bachelor's degree. Although the gap between the highest class in most of the high schools outside of Charleston and the freshman class of the College forced us to admit students with less preparation than our full requirements, the College carefully regulated the admission and promotion of such students in order to preserve the high standard of the College work. Since 1909, forty-one per cent of those applying for admission by examination have failed to pass and were refused admission, and the deficiencies of those admitted on less than the full requirements have invariably been covered by a system of conditioned classes, in which these backward students were tutored.

Such work, however, did not count as part of the College work. As a result thirty-seven per cent of those entering on the minimum requirements since 1909 have

taken five years to secure the bachelor's degree. Of the entire freshman class, both those in full standing as well as those admitted on the minimum requirements, the percentage making sophomore standing has been very small. This year sixty-five per cent of last year's freshmen class make sophomore standing—the same percentage as in last year's statistics. For the six years previous the average percentage of freshmen promoted was thirty-eight per cent. In 1909-10 it was only twenty per cent. The general improvement shown by these figures has been caused both by the improvement in the high schools of the State and by the higher admission requirements exacted by the College. The percentage of those graduating for the same years is as follows: In 1910 there graduated twenty-five per cent of the original class which entered four years previously; in 1911, fifteen per cent; in 1912, fifteen per cent; in 1913, twenty per cent; in 1914, fifteen per cent; in 1915, twenty-five per cent; in 1916, twenty-nine per cent. These figures indicate the honest effort which has been made to adhere to the standards announced in the catalogue.

Besides this, the College endeavors in every way to give assistance to the movement for better high schools in South Carolina. It publishes in its catalogue full information of the school record of every student entering the College, and in further support of the movement declines to receive any student from a lower class of any high school in the State, a policy it has long followed with regard to the schools of Charleston. This policy has reacted disadvantageously upon the numbers in attendance; but the need of high classification as a protection to the bachelor's degree is the chief consideration and this can only be brought about by the adoption of accepted standards of admission.

Among the many evidences of the wisdom of maintaining high standards of instruction has been the notable suc-



cess of graduates of the College in the competition for the Rhodes scholarship. During the past year A. C. Dick, of the class of 1915, was selected for the scholarship assigned to South Carolina. His appointment received the following editorial comment in the Charleston Evening Post: "For the fourth time a graduate of the College of Charleston has been chosen Rhodes scholar from South Carolina, Mr. A. C. Dick, of the class of 1915, having been selected by the committee to enjoy the advantages of Oxford provided by the foundation of the builder of British empire in South Africa. The record of the College of Charleston in this distinction is eloquent of the institution's efficiency and a reward of its consistent maintenance of the high standard of scholarship, which has always characterized it. The recognition won by the graduates of the College in scholarly competition has testified to the value of the training given at this institution, one of the oldest, though one of the smallest, in the country, which the marked success of its former students in many walks of life is constantly illustrating."

#### THE FACULTY

Professor M. Alston Read, elected to the chair of biology in July, 1914, found himself unable to assume the duties of the position, and submitted his resignation in May, 1916. The chair was filled in June by the appointment of J. P. Richardson, who had served as acting-professor of biology during the session of 1915-16. His election to this professorship was a deserved recognition of his scholarly and successful administration of the affairs of the department of biology. No other changes in the Faculty have occurred during the year under review.

A gratifying incident of the year has been the recognition of Professor Stephenson, and thus of the College, by the

editors of the large and definitive History of America which is to be published in fifty volumes by Yale University. This new publication will be the largest venture that has yet been undertaken in the way of a history of the United States. It will be issued by the Yale University Press under the supervision of the department of American history of Yale. The title of the entire series is "The Chronicles of America." Professor Stephenson has been invited to write two of the volumes—The Civil History of the South, and The Civil History of the North, during the War.

#### ATTENDANCE

The enrolment at the present date is sixty-eight, being less by twelve students than the complete enrolment of last year. The loss is largely in the freshman class. Last year forty-seven upper classmen registered; this year there are forty-six. Last year the freshman class numbered thirty; this year there are twenty-two. The loss is to be ascribed partly to the elevation of our entrance standards, partly perhaps to the results of the storm in July and depressed financial conditions. Besides this a few of our students are still detained with the militia on the Mexican border. The percentage of applicants unable to meet the admission requirements was larger this year than usual, and several applicants who were on our lists as "admitted," were finally unable to meet the necessary expenses. In addition four of last year's students were not permitted to return on account of unsatisfactory records. But our advanced admission standards and the policy of adhering to a strict requirement in scholarship and deportment are in the interest of better college work and more than counteract the disadvantages of smaller numbers. The enrolment represents eighteen counties of the State, with four students from North Carolina and one, each, from Georgia and Tennessee.

## SHAKESPEARE TERCENTENARY

A noteworthy event during the year was the commemoration of the tercentenary of the death of Shakespeare, which was celebrated at the College on the afternoon and evening of April 13th. The celebration was undertaken by the College in co-operation with Ashley Hall, the Confederate College, Memminger School, the Musical Art Club, and the Wednesday Morning Club. A very beautiful open-air performance was given on the campus in the afternoon. It consisted of scenes from "A Midsummer Night's Dream" and the "Merchant of Venice;" of old English madrigals and country dances; and a final pageant with orchestral accompaniment. In the evening the celebration was concluded with a lecture in the College Chapel on "Our Heritage in Shakespeare," by Prof. L. M. Harris, and a musical programme of old English madrigals and Shakespearean songs, by the Wednesday Morning Club. Almost one thousand people attended the afternoon performance. A small admission fee was charged to cover expenses, which was further reduced for the students of the institutions participating. The expenses amounted to \$404.88. The receipts amounted to \$371.50. The small deficit of \$33.38 was paid from the president's contingent fund.

## LIBRARY

During the year ending December 31, 1916, there was added to the Library a total of 235 volumes, 2,308 pamphlets; and 1 map. Of these 185 volumes and 2,099 pamphlets were government publications; seven volumes and ninety-four pamphlets were presented by Sir Gilbert Parker; one volume by the Rockefeller Foundation; one volume by Mr. George Kennan; seven volumes and three

pamphlets by the Carnegie Endowment for International Peace; three pamphlets by Miss Emma S. Gibbes; two volumes and two pamphlets by the General Education Board; one volume by the Pennsylvania Society of Colonial Governors; two volumes by Dr. Wm. M. Polk; one volume by Mr. T. Iyenaga; one volume by Mrs. Henrietta G. Fitz; one volume by Mr. G. S. Stanton; one volume by the Ladies' Memorial Association, Charleston, S. C.; two volumes by Mr. Hudson Maxim; one volume by Mr. L. B. Frieze.

#### SCHOLARSHIPS

The endowed scholarships are fifteen in number, namely: the ten Boyce scholarships, founded in 1855 on the gift of the Hon. Kerr Boyce; the Edward R. Miles scholarship, founded in 1899 upon the bequest of Mrs. Mary Peronneau Miles as a memorial to her husband, the late Rev. Edward R. Miles; the Asher D. Cohen scholarship, founded in 1905 upon the gift of Mrs. Miriam Cohen as a memorial to her husband, the late Asher D. Cohen; and three O'Neill scholarships (the Dennis O'Neill, the Michael O'Neill, and the Daniel O'Neill scholarships), founded in 1908 by Mr. Michael C. O'Neill upon the sum of \$12,500, as a memorial to his three nephews. In October there were five vacancies—three Boyce scholarships, one O'Neill scholarship, and the Miles scholarship. The following students were appointed to fill them: J. F. Woods, C. W. Bailey, J. H. Easterby, H. R. Gaffney, B. W. P. Seymour.

#### COMMENCEMENT

The public exercises in connection with the conferring of degrees were held in the Hibernian Hall on May 16. Diplomas were awarded to nine bachelors of arts, Clyde

Oliver Ackerman, of Cottageville, S. C.; Paul Galloway Anderson, of Rock Hill, S. C.; Henry Ravenel Ashhurst, of Aiken, S. C.; Harold Gaston Dean, of Williamston, S. C.; John Duncan Holmes, of Barnwell, S. C.; Herman William Koopman, of Eutawville, S. C.; Charles Maffitt Moore, of Charleston; James Chester Reeves, of Orangeburg, S. C.; George Lamb Buist Rivers, of Charleston; and to three bachelors of science, John Andreas Wagener, Jr., of Charleston; Charles August Weinheimer, Jr., of Mount Pleasant, S. C.; Thomas Porcher White, of Cordesville, S. C. The master's degree was conferred on Paul Ehrman Scherer, of Charleston, and George Lamb Buist Rivers, of Charleston. The principal address was made by Professor Charles McLean Andrews, of Yale University. The Alumni Medal, which is given by the Alumni Association to the member of the junior class with the highest standing, was awarded to W. L. A. Welbrock, of Charleston. The Bingham Orator's Medal was won by Harry Simonhoff, of Charleston; and the Mathematical Prize, by H. R. Ashhurst, of Aiken, S. C.

Respectfully submitted,

HARRISON RANDOLPH,  
*President.*

## COLLEGE OF CHARLESTON

In Account with City Treasurer of Charleston, January 1 to  
December 31, 1916.

To cash received from City Treasurer:

Appropriation for current expenses .....	\$ 4,716.00
Appropriation for better advertising .....	750.00
Appropriation for dormitory.....	500.00

By cash paid on acct. salaries and expenses....	\$ 4,716.00
By cash paid for better advertising.....	750.00
By cash paid on acct. of dormitory.....	500.00

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\$ 5,966.00	\$ 5,966.00
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J. C. BALL, Treasurer,  
College of Charleston.

THE CHARLESTON MUSEUM

Charleston, S. C., January 20, 1917.

*To the Honorable the Mayor  
and City Council of Charleston.*

*Gentlemen:*

On behalf of the Trustees of the Charleston Museum I have the honor to submit the annual report of the Director of the Museum.

This report records a marked enlargement of the exhibits and increased educational and extension work. The institution has become a potent educational factor in our community and is becoming more popular from year to year.

Appreciating the financial difficulties which beset the City at this time, the Trustees are endeavoring to administer the Museum as economically as is possible without impairing its progress. They desire, however, to stress the urgent necessity of immediate provision for the installation of new skylights in place of those that were damaged by the storm of July last. The present skylights are considered unsafe and their replacement essential for the safety of the building as well as its contents. As guardians of public property placed in our care, we feel that we would be derelict in our duty if we failed to take every step possible for the protection of the Museum and, therefore, respectfully urge that provision be made to assure this protection as promptly as possible.

Respectfully submitted,  
SAMUEL G. STONEY,  
*President.*

REPORT OF THE DIRECTOR OF THE MUSEUM  
FOR THE YEAR 1916

*To the Trustees of The Charleston Museum:*

The director has the honor to submit the following report for the year 1916:

The second year of the Museum as an independent corporation and the one hundred and forty-fourth year of its history has been one of successful achievement. The most important results are the cleaning, repair, and installation of more than half of the Manigault osteological collection; the installation of the large casts of Egyptian and Assyrian sculpture and the formulation of plans for a comprehensive History of Man exhibit; the installation of a large portion of the mineral collection; the beginning of purchases to supplement the present collection; the printing of more labels than in any previous year; extension of the traveling school exhibit service; and conspicuous progress in the work of the library.

The most serious problems requiring attention are the inadequacy of the city appropriations for maintenance and the urgent need of new skylights for protection of the building and its contents.

FINANCES

The Maintenance Account received from City Council appropriations amounting to \$4,370.28, of which \$4,000 was for general maintenance, \$187.50 for fire insurance premiums, and \$182.78 for repair of hurricane damage. The actual expenditure for maintenance was \$5,577.26, which is more than \$1,200 in excess of the city appropriations. This deficit was adjusted by the transfer of \$772.37 from the



General Account to the Maintenance Account and by labor and material furnished by the General Account for maintenance purposes. The inadequacy of the city appropriations for maintenance and the serious inroads of the resulting deficits upon the slender resources of the General Account are matters which require immediate and serious consideration.

The General Account received from all sources \$2,942.63. Of this amount, \$2,560.00 represents the contributions of sixty-nine members whose names are appended to this report. This is an increase of \$140.00 and thirteen members as compared with 1915. The largest membership the Museum has had in previous years was sixty-eight in 1914 and the income from memberships in that year was \$70.00 more than in 1916.

The General Account has expended \$3,171.59 for all purposes. By cash transfers, by carrying the overhead expenses of the carpenter shop, and by furnishing labor and material for maintenance purposes, this account has supplemented the city appropriations for maintenance to the amount of \$1,238.45. It has expended for improvements \$1,753.98 and has increased the stock of reserve material on hand by \$161.71. If the funds of the General Account could be applied entirely to improvements, which are the primary purpose of this account, the development of the Museum would be accelerated to a most conspicuous and gratifying extent.

The Reserve-Endowment Account, which was created by the trustees at the time of the incorporation of the Museum in 1915, received \$52.96 interest and now amounts to \$1,099.31. Small as this sum is, it is hoped that it may serve to keep before the friends of the Museum the earnest desire of the trustees to acquire an endowment adequate to assure the permanent development of the institution.

Until such an endowment is obtained the position of the Museum must be precarious.

#### ADMINISTRATION

At the annual meeting of the trustees, Capt. Samuel G. Stoney was elected president of the Museum to fill the vacancy caused by the death of President Pinckney in November, 1915. The other officers were re-elected. Messrs. William M. Bird, R. Goodwyn Rhett, R. Hayne King, James Sottile, Robert L. Montague, and Philip H. Gadsden were elected trustees in the class of 1919. In the class of 1917 the following trustees were elected: C. R. Inness Brown, vice Thomas Pinckney, deceased; Montague Triest, vice Robert P. Tucker, resigned; Edward A. Simons, vice William E. Huger, resigned; and Harry L. Erckmann, vice Caleb B. Huie, resigned.

#### BUILDING

Aside from the usual operating expenses and minor repairs, the building has required no expenditure except for repair of damage caused by the hurricane in July. This storm was a very serious matter, not because of the cost of repairs, which was remarkably small, but because it exposed a fundamental defect in the construction of the building that jeopardizes the entire contents in every heavy storm. This defect is the skylights, which are so deficient in resistance to wind deflection that in the hurricanes of both 1911 and 1916 the glass was broken and blown with great force over the roof or into the main exhibition hall.

By almost inexplicable good fortune, none of the exhibition cases suffered more than trivial injury from either glass or water. The broken glass was driven over the roof,

however, with such force as to cut the composition roofing in 1916 as it did the tin roof in 1911. This caused leaks which literally flooded both the library and the storage collections. Only the combined efforts of the staff and of Mr. Jesse Sharpe, treasurer of the Museum, averted irreparable loss. It was necessary to relay 3,700 square feet of roofing, chiefly over the library, and the damage from the heavy rains following the hurricane would have been much greater had we not had sufficient roofing material on hand to make repairs immediately.

The absolute certainty of similar or greater damage from every heavy storm as long as the present skylights are retained and the imperative necessity of replacing them with others of suitable construction cannot be too strongly emphasized. The trustees presented these facts to City Council and were granted a special appropriation to cover the actual cash outlay for repairs. Action was deferred on the matter of replacing the skylights and the reserve stock of roofing. It is earnestly hoped that provision will be made in the budget for 1917 to give this protection to the building and its contents.

#### COLLECTIONS AND INSTALLATION

For more than ten years it has been the policy of the Museum to refrain from special effort to increase the collections until what we already have can be better installed. Except for the purchase of traveling exhibit material, almost nothing has been spent on improvements in the collections until this year. It is, therefore, with especial pleasure that I am able to report that improvement of the collections is now becoming of equal importance with improvement of installation.

The long labors of Dr. Manigault in the creation of the

remarkably complete osteological collection which is one of the most valuable possessions of the Museum, make it an especially agreeable duty to report that a large part of the Manigault collection has been thoroughly cleaned and repaired and installed in new cases. This work has given me peculiar pleasure from the fact that one of my first plans for the improvement of the Museum contemplated the arrangement of this collection in Holmes Hall in the College of Charleston. The work was well advanced when the prospect of removal to the present building necessitated its suspension. I cannot refrain from acknowledging the painstaking care and skill shown by Mr. McIntyre in the tedious work of rehabilitating this collection. The appearance of the two cases already installed promises a highly satisfactory effect when the entire Manigault collection is exhibited together. This is expected to be accomplished early in the coming year.

The work which Miss Bragg has been doing on the archeological collection during the past two or three years has borne fruit rapidly during this year in maturing and partially executing plans for a comprehensive History of Man exhibit. This will follow the Manigault osteological collection and will illustrate the development of civilization from the most primitive peoples through the Egyptian and Assyrians to modern times. The most spectacular portion of the exhibit will be the series of large casts of Egyptian and Assyrian sculpture, and these were installed last spring.

Mr. McIntyre again demonstrated his technical skill in erecting and finishing these casts so as to produce an unusually pleasing effect. When the introductory portion of this exhibit is completed we shall have new installation in the entire north half of the hall. In order to supplement the material already available for the History of Man exhibit, the Museum purchased from the Metropolitan

Museum of Art in New York a selection of fifteen pieces of Cypriote pottery from the Cesnola collection. This series illustrates successive periods in Mediterranean civilization from about 3000 B. C. to the third century A. D. and will greatly enhance the value of our exhibit.

A third important achievement of the year is the installation of a large part of the mineral collection in a case built especially for this purpose. The treatment of the minerals is perhaps one of the most original experiments we have made. The plan was first worked out by Mrs. Paul M. Rea about five years ago, and has been continued very successfully by Miss Bragg. The purpose constantly in view has been to make the exhibit attractive and instructive to visitors who have no technical knowledge of minerals. The results attained are due both to the rich store of information contributed by the honorary curator, Dr. Martin, and to the skill of those who have prepared the labels.

A fourth addition to the installation is an arctic painting installed in December as a background for the polar bear group, giving it much greater significance and interest. This improvement, although a small matter in itself, is interesting as the first effort of the Museum to supplement natural bases with scenic backgrounds.

In December, Mr. Edward A. Hyer constructed a rock base for the fur seals and secured a very effective grouping of the three specimens in the Museum collection. As soon as funds for the purchase of plate glass make possible the installation of this group it may be expected to attract as much attention as the bison and the polar bear groups.

To Dr. C. H. Prince the Museum is indebted for helpful co-operation in the printing of over 700 labels, the largest number ever added to the collection in a single year.

Mr. William G. Mazyck has continued his work on the Ravenel shell collection, and with assistance provided

through the interest of Miss Catherine Ravenel is bringing this long task near completion. Plans for cases to exhibit this collection should soon receive consideration.

One of the most important fields for the extension of the Museum collections and one which I hope may be actively cultivated while the opportunity is still present, is the preservation of characteristic objects illustrating the early history of South Carolina and the life of its people. A beginning in this direction was made some years ago when Mr. W. G. Hinson presented a large dugout plantation boat. To this beginning has been added this year, through the generosity of Mr. J. Swinton Whaley, of Little Edisto Island, one of the hand grist mills universally used in plantation days. The stones of this mill have been in Mr. Whaley's family for the past hundred and seventy-five years.

Material of this sort is already becoming rare and will soon be unobtainable. The Museum will gratefully receive articles of every description illustrating colonial and plantation life, and it is hoped that in time a representative collection may be gathered which will be one of the chief attractions of the Museum.

#### LIBRARY

A large amount of work has been accomplished in the library during the year, including 500 volumes accessioned, 276 volumes bound in pamphlet covers by the staff, and 623 catalog cards and 905 shelf cards written. All of this greatly increases the usefulness of the library.

The deposit of certain classes of government documents by the College of Charleston library, which was temporarily suspended at the time of the incorporation of the Museum, was renewed this year.

## BIOLOGICAL SURVEY

The biological survey is indebted to Miss Elizabeth Ravenel for copies of the labels of all South Carolina specimens in the herbarium of Dr. Henry W. Ravenel, at Converse College. Eight fascicles were analyzed in 1914 and the remaining fascicles in 1916. In addition to this work, which represents several months of effort, Miss Ravenel has poisoned nearly a thousand pressed plants collected during the past two years by Miss Bragg.

Miss Emma Gibbes has continued the poisoning and mounting of the herbarium of her father, Prof. Lewis R. Gibbes, which she presented to the Museum in 1915.

To these volunteer assistants is due most of the progress of the biological survey this year, since the time of the staff can be given to this work only incidentally.

Mr. Edward S. Dingle has given to the Museum a series of records for more than a hundred species of birds observed by him at Summerton, S. C., interesting for comparison with our records from the vicinity of Charleston.

Mr. W. H. Taylor presented alive a very handsome specimen of the Spiny Lobster (*Panulirus argus*) taken thirty miles off Charleston. This specimen, which is the third received by the Museum in the past five years, has been preserved and is now exhibited in the main hall.

An unusual local record was the stranding of ten Blackfish (*Globiocephalus brachypterus*) on Folly Island beach in March. Photographs and a skull were secured for the Museum collection.

Among the scientific visitors who have assisted the Museum by identifying material in their special fields, were Dr. John W. Small, of the New York Botanical Garden; Mr. W. W. Ashe, of the United States Department of

Agriculture, and Mr. A. H. Howell, of the United States Biological Survey.

#### PUBLICATION

The *Bulletin* has completed its twelfth volume. Its scope has been similar to that of past years, except that the May issue included an article by Mr. W. W. Ashe on the Pomaceae of South Carolina, in which several new species were described.

An index to volumes 6 to 10 of the *Bulletin* was published in February. This index would have been printed early in 1915 but for the financial stringency arising from the European war.

The third number of the *Contributions* was sent to press in December. It consists of a list of avian species for which the type locality is South Carolina, and is written by Mr. Arthur T. Wayne. It will be ready for distribution early in 1917.

#### PUBLIC INSTRUCTION

*Natural History Society.* This society has continued its work along the same lines as for several years past, with the exception that the Museum has found it impractical to conduct field trips as extensively as formerly. Some time ago the large trip became unwieldly and were replaced with a larger number of small trips. These proved highly successful but required so much time as to interfere seriously with the other work of the Museum. In 1916, therefore, most of the trips were arranged privately among the members, and this tended to stimulate individual work more effectively than the more formal trips conducted by the Museum. It is hoped that in the coming year even greater independence of action may be developed in the society.



The bird, butterfly, and mushroom classes met regularly until May, and formed one of the most desirable features of the work.

*Extension Work.* Ten new traveling school exhibits were completed, making a total of 74, with others in course of preparation. The circulation of these exhibits was extended to include all grades of the public schools except the fourth and fifth. When not engaged on the public school circuit, these exhibits go on a circuit including nearly all the private schools in Charleston, and arrangements have been made to extend this service in January, 1917, to a large proportion of the rural schools in Charleston county and to the Summerville schools.

Miss Bragg has nearly ready for circulation a nature-study course for the first three grades especially adapted to southern schools.

Nineteen visits to the Museum were made by teachers with their classes, the number of pupils being 541.

#### CONCLUSION

The work of the year has not only produced large visible results, but has prepared the way for extensive improvements during the coming year. All of this is due largely to the ability, industry, and enthusiasm of the members of the Museum staff who have struggled through many hard and discouraging experiences without faltering in their ambition to realize for Charleston the potential value of one of its oldest and most creditable institutions. There can be no doubt but that this ambition is in process of fulfillment.

The progress in installation has reached a point which justifies new publicity efforts to acquaint the people of the

community with what the Museum has to offer them, and I hope that this will be one of the prominent features of the work of the coming year.

Respectfully submitted,

PAUL M. REA,

*Director.*

## MEMBERS OF CHARLESTON MUSEUM

## PATRONS

## HENRY P. WILLIAMS

## Annual Patrons

William M. Bird	Robert L. Montague
Thomas W. Carroll	Thomas Pinckney Estate
James S. Farnum	Hon. R. Goodwyn Rhett
Philip H. Gadsden	James Sottile
J. Ross Hanahan	Capt. Samuel G. Stoney
William E. Huger	George W. Williams
C. Bissell Jenkins	Henry P. Williams
Julian Mitchell	J. H. Carsten Wulbern

## Sustaining Members

Dr. Archibald E. Baker	John F. Maybank
Hon. Joseph W. Barnwell	William R. Mayrant
*Hon. William H. Brawley	Leland Moore
Mrs. Edward W. Durant, Jr.	Andrew B. Murray
Edwin P. Frost	George F. Musladin
Henry W. Frost	Ernest H. Pringle
Hon. John P. Grace	James R. Pringle
George S. Holmes	J. R. Pringle Ravenel
Hon. Tristram T. Hyde	James M. Seignious
R. Bee Lebby	John C. Simonds
W. Gordon McCabe	Henry F. Welch
William J. McCormack	J. Swinton Whaley

## Annual Members

Dr. Charles P. Aimar	Frederick H. Horlbeck
William S. Allan	Edward W. Hughes
Isaac G. Ball	Dr. Henry P. Jackson
Clarence M. Benedict	R. Hayne King
Theodore W. Bethea	Normand M. Porter
Col. Oliver J. Bond	Robert Lathan
C. R. Inness Brown	Herman G. Leiding
J. Charles Bulow	William C. Miller
Morton L. Church	Dr. Charles W. Kollock
William H. Cogswell	Miss Catherine P. Ravenel
Henry H. Ficken	Jesse Sharpe
Hon. John F. Ficken	Edward A. Simons
Andrew J. Geer	Arthur V. Snell
Irvine K. Heyward	Edward H. Sparkman
William G. Hinson	Thomas R. Waring

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\*Deceased.

## HIGH SCHOOL OF CHARLESTON

Charleston, S. C., February 26, 1917.

*Hon. T. T. Hyde, Mayor*  
*of the City of Charleston.*

*Dear Sir:*

I have the honor to transmit herewith the report of the Principal of the High School of Charleston for the past year.

Yours very truly,  
 JAMES SIMONS,  
*President, Board of Trustees.*

## HIGH SCHOOL OF CHARLESTON

December 31, 1916.

*To the President and Board of Trustees*  
*of the High School of Charleston.*

*Gentlemen:*

I beg to submit the following report of the school for the year ending December 31, 1916.

The accompanying statement shows the attendance in the several classes during the three sessions of the scholastic year:

January 1, to March 31.

	PUPILS
First Class .....	17
Second Class .....	47
Third Class, Section "A" .....	31
Third Class, Section "B" .....	42
Fourth Class, Section "A" .....	44
Fourth Class, Section "B" .....	31
Fourth Class, Section "C" .....	28
<hr/>	
Total.....	240

April 1, to June 30.

	PUPILS
First Class .....	17
Second Class .....	47
Third Class, Section "A" .....	29
Third Class, Section "B" .....	40
Fourth Class, Section "A" .....	43
Fourth Class, Section "B" .....	28
Fourth Class, Section "C" .....	27
Total.....	231

October 1, to December 31.

	PUPILS
First Class .....	14
Second Class, Section "A" .....	24
Second Class, Section "B" .....	25
Third Class, Section "A" .....	37
Third Class, Section "B" .....	29
Third Class, Section "B" .....	20
Fourth Class, Section "A" .....	27
Fourth Class, Section "A" .....	29
Fourth Class, Section "B" .....	36
Fourth Class, Section "C" .....	37
Total.....	278

The enrollment at the opening of the session in October was the largest in the history of the school. The number could easily have been made three hundred if all applicants had been accepted. The limited accommodation in the class rooms rendered it necessary to apply rigidly the Rule for entrance requirements, and as a consequence quite a number were prevented from entering the classes for which they were making application.

In order to provide for the pupils accepted, it was found necessary to divide into sections the Second, Third and Fourth "A" classes to provide increased space for class rooms and to petition City Council for an extra appropriation for employing two extra teachers to take charge of the additional classes thus created.

This splendid growth is most gratifying and denotes the high regard in which the institution is held and the appreciation by the community of the advantages offered by the school for a thorough secondary education.

As was pointed out in the daily press in an editorial commenting on the increase in the attendance at the beginning of the year :

"It is a healthy thing for a community when it can show a steady and marked increase in the number of boys who continue their education through the high school. It means that the people see the benefits of keeping boys in school. It means that the grammar schools are doing their work well and that the atmosphere in which that work is done is what it ought to be. It means that the high school itself has the confidence of the people. It is the best of all auguries for the future of any community in which such a condition exists."

The City Council has manifested its interest in the institution and has continued its liberal policy toward the school by the usual generous appropriations for its support.

The following are the sums voted for the year 1916:

Education in Charleston GAL.—9

Contract with Board of Trustees High School	\$ 4,000.00
Afternoon tuition .....	1,125.00
Industrial department and building .....	5,000.00
Repairs and incidentals .....	250.00
Special appropriation for extra teachers and enlarging and furnishing class rooms	800.00
	<hr/> \$11,175.00

Expended for the following purposes:

Part payment of teachers' salaries.....	\$ 4,000.00	
Salaries for afternoon tuition .....	1,125.00	
Balance for erection Industrial annex .....	1,500.00	
Salaries, teachers, Industrial department.....	2,400.00	
Expenses, Industrial department .....	1,100.00	
Salaries of two extra teachers for two months	300.00	
Enlarging and furnishing rooms .....	500.00	
Repairs and incidentals .....	250.00	
		<hr/> \$11,175.00

By contract with the City Board of Public School Commissioners, the graduates of the Bennett, Courtenay, Crafts and Mitchell schools are admitted to the Fourth class of the school and are given the privilege of pursuing the prescribed courses of study for four years. On entering, a pupil is allowed to make a selection of the classical, the business, or the industrial course. Students entering the business course take all the studies of the regular course with the exception of classical studies and modern languages. In place of these subjects is offered a working knowledge of bookkeeping in its various forms, an acquaintances with commercial usages, the ability to take down dictated matter in shorthand and the use of the typewriter.

The pupils in the vocational department are required to pursue the regular courses in mathematics and English laid down in the curriculum in addition to the studies and practical instruction provided in the shops and drafting room.

No attempt is made to make finished workmen in any of these departments of office work or in the vocational studies. Education is intended to develop the mind and character of the boy and the pupils are drilled carefully in English, mathematics, physics, and other studies which lie at the foundation of a person's education and along with this work the student is given an insight into business forms

and commercial processes and trained in that manual manipulation which forms the basis of all the mechanical trades.

The afternoon school which was established some years ago for the purpose of giving assistance to pupils in the afternoon, thus enabling them to overcome difficulties met with in the recitation of the morning, as well as to aid them in preparing the lessons assigned for the following day, has been continued with gratifying success. Instruction is given in English, mathematics, and Latin by the instructors who have charge of these departments. Attendance at these afternoon sessions is voluntary on the part of the pupils and the large number who avail themselves of the opportunity to obtain individual instruction when the teacher is at hand to help them over difficulties, proves the wisdom of the Board in establishing and maintaining this plan for the improvement of the efficiency of the school.

In June two vacancies were created in the faculty. Mr. Harold A. Mouzon, who had been an assistant in the English department, resigned to enter upon the study of the law. Mr. Mouzon was a faithful and skilful teacher and rendered most satisfactory service in the position he held in the school. A vacancy was also created in the department of French and German, which was held by Mr. George O. Jager.

The position made vacant by the resignation of Mr. Mouzon was filled by the election of Mr. C. Emile Aimar, a graduate of the High School and of the College of Charleston. Mr. Aimar had also pursued his studies at Harvard University, after graduating at the College of Charleston and had specialized in the subject of English. The position of instructor in the department of modern languages was filled by the election of Mr. Milton B. Kennedy, who had graduated from the High School and the



College of Charleston. Mr. Kennedy had been engaged as an assistant tutor at the College and had taken post-graduate work at Columbia University, New York.

The large enrollment at the beginning of the session in October rendered it necessary to secure additional help and Mr. Frank J. Simons and Mr. Harold E. Jervay were elected to fill the places created by the division of the classes into sections and the readjustment of the work that became necessary. Mr. Simons is a graduate of the South Carolina Military College and Mr. Jervay had taken the shorter course at the College of Charleston. There is now provision in the school for three regular courses of study: the classical, the commercial, and the vocational. On entering the school a pupil is allowed to select one of these courses, which must then be pursued until the end of his four years at the institution. The amount of mathematics and English is the same no matter what selection is made. The classical course includes Latin or Greek, as well as French or German, and has for its object the admission to college. The commercial course gives practice in bookkeeping, stenography, and typewriting and aims to give some preparation for the duties of the business office. The vocational course is practical in its design and is adapted to the needs of those pupils who desire a training nearer to the needs of those who do not desire to enter college or to pursue commercial work.

The seventy-seventh session of the school closed June 21, 1916. The exercises were held in the main hall of the building and were largely attended by the friends of the pupils and those interested in the welfare of the school. An interesting program was offered and the parts assigned to the various members of the graduating class were well rendered.

The class of 1916, seventeen in number, received from

the President of the Board of Trustees, the Hon. James Simons, the certificates attesting that they had successfully completed the courses of study prescribed by the Board. The following are the names of the graduates :

Benjamin Ernest Bicaise  
Edward Townes Bunch  
James Harold Easterby  
Louis Young Dawson, Jr.  
Louis Roessler Eisenmann  
William Henry LaFar, Jr.  
Thomas Hazlehurst Middleton  
George Dorkewitz Morgan  
John Thomas Oglesby, Jr.  
Albert Clarence Prause  
Edward Leo Price  
Robert Gray Radcliffe  
Daniel Ravenel, Jr.  
Edgar Wetzel Rugheimer  
Samuel Marshall Sanders  
Brantley W. P. Seymour  
Leon Steinberg

The Ferguson-Colcock Conduct Medal, which is awarded by the members of the first class to that one of their number, who in their estimation has exhibited the best conduct and during the entire four years has been most noted for gentlemanly bearing and honorable deportment, was voted to B. Ernest Bicaise.

In presenting the Colcock Medal, Mr. Simons spoke of the way in which the medal had been instituted, of the stimulus which it set to honor, truth, and that gentle courtesy which is the highest type of manhood. He urged the recipient and the pupils of the school to emulate the spirit which prompted the establishment of the medal and

to cultivate gentleness, firmness and consideration for others, and thus to form character, which is the only attribute which ennobles self and benefits humanity.

In the month of May, the Society of the Sons of the American Revolution offered to the pupils in the higher classes of the secondary schools of the city a medal and twenty-five dollars in gold for the best essay on some subject connected with the American Revolution. The prize was awarded by the judges to J. Elmore Stickney, a member of the second class. The presentation was made in behalf of the Society by William C. Bissell, Esq., one of the officers of the society. This is the third time that the prize has been carried off by pupils of the High School. In 1914, the first year in which the contest was held, the award was made to James O'Hear Sanders, and in 1915, the coveted honor fell to Halstead C. Fowler. The Carolina Art Association offered a number of prizes to be contested for by pupils in still life, design, and mechanical drawing. All of the honors for mechanical drawing were taken by pupils at the High School of Charleston. These prizes were presented to the successful contestants on commencement day. They were as follows: First prize, \$10, Isidore Cohen; Second prize, \$3, Mitchell Needle; honorable mention, \$1 each, Edward L. Price and John J. Tecklenburg.

The City scholarship to The Citadel, The Military College of South Carolina, was won this year by Philip C. Doyle, a member of the second class at the High School.

The past year has been a successful one and the teachers have labored faithfully to maintain the standard for which the school has been noted.

Very respectfully,

W. M. WHITEHEAD,

*Principal, High School of Charleston.*

REPORT OF THE CITY BOARD OF PUBLIC  
SCHOOL COMMISSIONERS

Charleston, S. C., December 1, 1916.

*To the Honorable Senator and the Members of the Delegation from Charleston in the General Assembly of the State of South Carolina.*

*Gentlemen:*

The City Board of Public School Commissioners for the City of Charleston have the honor to submit to you their report for the year ending June 30, 1916, as required by the Act of the General Assembly approved February 24, 1908.

Very respectfully yours,

JAMES SIMONS,  
*Chairman.*

## REPORT

of the City Board of Public School Commissioners for the City of Charleston for the year ending June 30, 1916, pursuant to Act of the General Assembly, approved February 24, 1908 (25 Vol. Statute, page 1349).

## ACCOUNT OF CLERK OF THE BOARD

## Receipts.

Balance, July 1, 1915 .....	\$ 890.87
From City Treasurer, on Warrant of Chairman .....	156,811.25
From County Board of Education .....	500.00

## Refunds.

Tucker & Kinloch .....	\$ 2.20
Charleston Consolidated Railway & Lighting Co. ....	240.00
	<hr/>
	242.20
Total.....	<hr/>
	\$157,944.32

## Special.

Balance, July, 1915, Agricultural Prizes, Colored Industrial School.....	6.00
Interest on Note, Pelzer Mfg. Co., Agricultural Prizes, Colored Industrial School .....	9.00
Interest on Bond, Mitchell Medal Account (as Treasurer of this Account) .....	12.00
Total.....	<hr/>
	\$157,971.32

## ACCOUNT OF THE CLERK OF THE BOARD

## Expenditures

(Showing Special Accounts Kept During the Year.)

Salaries .....	\$104 426.23
Repairs on School Houses .....	4 782.29
School Furniture and Apparatus .....	979.17
Fuel and Incidentals .....	3 276.76
School Supplies .....	1 353.34
Building School Houses .....	23.29
Books for Libraries .....	18.43
Other Purposes .....	9 901.26
New Room, Mitchell School .....	247.17
Special Fund, Memminger School .....	97.05
Drain, Colored Industrial School .....	80.60

Remodeling Courtenay School .....	387.91	
Furniture and Fixtures, Courtenay School .....	15.00	
Remodeling Crafts School .....	28 699.74	
Furniture and Fixtures, Crafts School .....	8 025.55	
Total.....		\$157 263.79
Mitchell Medal Account (as Treasurer) .....		12.00
Total.....		\$157 275.79
Total Current Expenses .....	\$124 276.22	
Total Outlays, for New Buildings, Remodeling Old Buildings, etc. ....	32 987.57	

In this Exhibit, the "Other Purposes" Account includes the Account, "Rent of Schoolhouses," as shown on page 7 of this Report.

Under this head "Other Purposes" is entered the \$8,500.00 paid to the Board of Trustees of the High School of Charleston, as noted on page 9 of this Report.

#### ACCOUNT OF THE CLERK OF THE BOARD

##### Summary.

Total Receipts .....		\$157 971.32
Total Expenditures .....	\$157 275.79	
Balance, June 30, 1916 .....	695.53	

#### ACCOUNT OF CITY TREASURER

The City Treasurer being the custodian of the funds coming to the City Board of Public School Commissioners for the City of Charleston, the following account of the City Treasurer for the year ending June 30, 1916, shows the amounts received by him for the Public Schools of the City of Charleston as well as the amounts paid by him to the Clerk of the Board during the said period; the account of the Clerk of the Board hereinbefore given showing the disbursement of the same.

#### GENERAL ACCOUNT

To Balance from last Annual Statement .....		\$ 5 717.08
County Dispensaries .....		15 592.08
County Treasurer, 3 mill Tax .....	\$ 39 842.10	
County Treasurer, Poll Tax .....	3 963.62	
County Treasurer, Dog Tax .....	38.69	
County Treasurer, Marriage Licenses .....	376.13	
County Treasurer, Game Wardens .....	346.30	
		<u>44 461.84</u>

County Treasurer, School Districts .....		4 500.00
City Council, amount appropriated .....		1 000.00
City Taxes, 1912 .....	\$	.13
City Taxes, 1913 .....		23.47
City Taxes, 1914 .....		338.83
City Taxes, 1915 .....		17 476.84
City Taxes, 1916 .....		17 877.32
		<hr/>
		35 216.59
Teachers' Salary Fund, amount transferred to this Fund .....		5 735.90
		<hr/>
By amount on order, Chairman .....	\$104 580.47	
Balance .....	7 642.97	
		<hr/>
		\$112 228.44

## SPECIAL ACCOUNT

To Balance from last Annual Report .....		\$ 11 797.63
City Taxes, 1912 .....	\$	.50
City Taxes, 1913 .....		81.28
City Taxes, 1914 .....		451.80
City Taxes, 1915 .....		28 302.51
City Taxes, 1916 .....		18 901.86
		<hr/>
		37 687.95
		<hr/>
		\$ 49 485.64
		<hr/>
By amount on order of Chairman .....	\$ 48,166.68	
Balance .....	1 318.96	
		<hr/>
		\$ 49 485.64

## Teachers' Salary Fund.

To Balance from last Annual Statement .....		\$ 1 988.12
City Tax, 1913 .....	\$	7.81
City Tax, 1914 .....		112.95
City Tax, 1915 .....		5 825.62
City Tax, 1916 .....		3 475.44
		<hr/>
		9 421.82
		<hr/>
		\$ 11 409.94
		<hr/>
By amount on order Chairman .....	\$ 3 564.10	
Amount Transferred to the General Fund .....	5 735.90	
Balance .....	2 109.94	
		<hr/>
		\$ 11,409.94

## Summary Balances, July 1, 1916—

General Account .....	\$ 7 642.97
Special Account .....	1 318.96
Teachers' Salary Fund .....	2 109.94
	<hr/>
	\$11 071.87

NOTE—Assessed value of Real and Personal Property for City Taxation, 1915.

Real Estate .....	\$15 670 275.00	
Personal .....	5 116 830.00	
	<u>20 787 105.00</u>	
		@ 4 mills, \$ 83 148.42
Collected by City Treasurer .....	\$ 78 866.42	
Collected by City Sheriff .....	2 542.24	
Nulla Bonas, City Sheriff .....	328.90	
		<u>81 737.56</u>
Balance uncollected in office City Sheriff, July 1,		
1916 .....		<u>1 410.86</u>
Percentage uncollected, .016*		

Respectfully submitted,

J. O. LEA,

City Treasurer.

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\*Amount transferred from Teachers' Salary Fund, \$5,735.90, to General Fund.  
The amount due "The Teachers' Retirement Fund" has not been deducted from the Balance of cash on hand.



## TOTAL RECEIPTS, CHARLESTON PUBLIC SCHOOLS

Session 1915-16.

Cash Balance on hand from all sources, July 1, 1915—

City Treasurer .....	\$ 19 502.84	
Clerk of the Board .....	890.87	
		\$ 20 393.71
Poll Tax .....		3 868.62
Three mill Constitutional Tax .....		39 842.10
Dog Tax .....		38.69
Dispensary Profits .....		15 592.08
Special Appropriation from County Board .....		500.00
Special Local Tax from City Treasurer .....		82 326.36
From School Districts .....		4 500.00
Refunds .....		242.20
Interest from City .....		1 000.00
Marriage Licenses .....		376.13
Game Wardens .....		346.80
		<hr/>
		\$169 016.19

## SPECIAL—

Balance July 1, 1915, Agricultural Prizes, Colored Industrial School .....	\$ 6.00
Received during the year for this account.....	9.00
Received interest on Bond, Mitchell Medal Account, as Treasurer .....	12.00
	<hr/>
	\$169 048.19

## TOTAL EXPENDITURES, CHARLESTON PUBLIC SCHOOLS

Session 1915-16.

	White	Negro	For both Races
Teachers' Salaries (Men) .....	\$ 9 451.18	\$ 8 715.22	\$ 18 166.40
Teachers' Salaries (Women) .....	54 770.63	26 606.20	81 376.83
Furniture and Apparatus .....	3 959.75	157.02	4 116.77
Fuel and Incidentals .....	5 254.56	2 519.04	7 773.60
Repairs on school property .....	2 228.99	2 553.30	4 782.29
†Rent of schoolhouses .....	75.00	....	75.00
Building schoolhouses .....	29 284.82	103.89	29 388.71
Books for Library .....	17.54	.89	18.43
Salaries, Librarians .....	45.00	4.50	49.50
†Other purposes .....	8 971.50	854.76	9 826.26
Salary, Treasurer of Board .....	....	....	750.00
Salary, Assistant Clerk of Board.....	....	....	400.00
Salary, office Stenographer .....	....	....	540.00
	<hr/>	<hr/>	<hr/>
	\$114 058.97	\$ 41 514.82	\$157 263.79
Also expended by Treasurer: .			
Mitchell Medal Fund .....	....	....	12.00
	<hr/>	<hr/>	<hr/>
	\$114 058.97	\$ 41 514.82	\$157 275.79

Note:—In this statement the various Special Accounts,

such as Special Fund, Memminger School, Drain Colored Industrial School, New Room Mitchell School, and the Remodeling and Refurnishing of the Crafts and Courtenay Schools are merged into the General Accounts required for the report to the State Superintendent of Education.

SUMMARY

Total Receipts, Charleston Public Schools, City Treasurer and Clerk of the Board, Session 1915-1916 .....	\$169 043.19
Total Expenditures .....	157 275.79
Balance, June 30, 1916 .....	\$ 11 767.40

STATEMENT OF BALANCES

J. O. Lea, City Treasurer .....	\$ 11 071.87
A. B. Rhett, Clerk, General .....	680.58
A. B. Rhett, Clerk, Special .....	15.00
	<u>\$ 11 767.40</u>

The Public Schools of the City of Charleston during the year ending June 30, 1916, employed the following:

	1 Superintendent.
	1 Superintendent's Secretary.
	1 Treasurer.
	1 Assistant Clerk of the Board.
	9 Principals.
	1 Vice Principal.
	1 Supervisor of Music.
	1 Supervisor of Primary Methods.
	2 Instructors in Carpentry.
	144 Teachers.
Total,	<u>162</u>
	8 Janitors.
	5 Janitors' Assistants.
Total,	<u>175</u>

†In this Exhibit, the "Other Purposes" Account is subdivided into "Other Purposes and Rent of Schoolhouses."

Under the head of "Other Purposes" is entered the \$8,500.00 paid to the Board of Trustees of the High School of Charleston, as noted on page 9 of this Report.

	Principals.	Vice Principals.	Teachers.	Total.
1 Memminger .....	1	0	20	21
2 Crafts .....	1	0	14	15
3 Bennett .....	1	0	15	16
4 Courtenay .....	1	0	20	21
5 Mitchell .....	1	0	21	22
6 Shaw .....	1	0	17	18
7 Simonton .....	1	1	19	21
8 Colored Industrial.....	1	0	16	17
9 Boys' Night .....	1	0	8	4
Boys' Night (Ind.)....	....	....	1	1
	<hr/> 9	<hr/> 1	<hr/> 146	<hr/> 156

By special arrangement the Board of Public School Commissioners pays to the Board of Trustees of the High School of Charleston \$8,500.00 a year, for which any boy who graduates at one of the public schools is entitled to attend the High School free of charge and is allowed his choice among the classical, commercial and industrial courses.

## **Department of Charities**

## **CHARLESTON ORPHAN HOUSE**

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### *BOARD OF COMMISSIONERS.*

GEO. W. WILLIAMS, CHAIRMAN.

SAM'L G. STONEY, VICE-CHAIRMAN.

S. E. WELCH, VICE-CHAIRMAN PRO TEM.

DR. B. A. MUCKENFUSS,	ROBT. C. LEBBY,
V. C. DIBBLE,	D. B. HENDERSON,
F. Q. O'NEILL,	R. H. DURYEA,
I. W. HIRSCH,	A. B. MURRAY,
PAUL W. SANDERS.	

### *OFFICERS.*

*Principal and Superintendent.*

MISS MARY L. LEQUEUX.

### *Teachers.*

Mrs. Amelia L. Reilly,	Miss O. A. Eiserhardt,
Miss Ellen King,	Miss Mary E. Hamlin,
Miss Mary McNeill,	Miss Alice Smith,
Miss Barnwell R. Williams.	

*Organist and Instructor of Music.*

MISS ELLA I. HYAMS.

*Engineer and Assistant to Superintendent.*

ASHLEY L. BARTON.

### *Matrons.*

Mrs. B. C. Harris,	Mrs. R. H. Bulwinkle,
Miss M. Murrill,	Miss E. Escoffier,
Mrs. Louise Scott.	

*Sewing Department.*

MISS DORA SWEATMAN.

*Kindergarten.*

Mrs. M. L. McCue,                      Miss E. L. McCallman,  
Miss Loula B. Ham.

*Physician to the Institution.*

DR. T. GRANGE SIMONS.

*Secretary and Treasurer of the Board.*

ST. JOHN P. KINLOCH.

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*STANDING COMMITTEES.*

COMMITTEE ON IMPROVEMENTS AND  
DISCIPLINE.

GEO. W. WILLIAMS, EX-OFFICIO CHAIRMAN.

SAM'L G. STONEY, EX-OFFICIO VICE-CHAIRMAN.

B. A. Muckenfuss,	F. Q. O'Neill,
D. B. Henderson,	I. W. Hirsch,
Robt. C. Lebby,	S. E. Welch,
A. B. Murray,	

COMMITTEE ON SCHOOLS.

S. E. Welch, Chairman.	V. C. Dibble,
B. A. Muckenfuss,	A. B. Murray,
S. G. Stoney.	

COMMITTEE ON REPAIRS.

S. G. Stoney, Chairman,	D. B. Henderson,
I. W. Hirsch,	Paul W. Sanders.

COMMITTEE ON RETRENCHMENT AND  
REFORM.

F. Q. O'Neill, Chairman,	Robt. C. Lebby,
R. H. Duryea,	D. B. Henderson.

COMMITTEE ON PURVEYANCE.

D. B. Henderson, Chairman,	B. A. Muckenfuss,
R. H. Duryea,	Paul W. Sanders.

COMMITTEE ON ACCOUNTS.

I. W. Hirsch, Chairman,	S. G. Stoney,
Robt. C. Lebby,	S. E. Welch.

COMMITTEE ON CHAPEL AND ANNIVERSARY.

B. A. Muckenfuss, Chairman,	F. Q. O'Neill,
S. E. Welch,	V. C. Dibble.

BINDING-OUT COMMITTEE.

Robt. C. Lebby, Chairman,	I. W. Hirsch,
V. C. Dibble,	A. B. Murray.

COMMITTEE ON LIBRARY.

A. B. Murray, Chairman,	R. H. Duryea,
V. C. Dibble,	F. Q. O'Neill.

## CHARLESTON ORPHAN HOUSE.

Charleston, S. C., Jan. 1, 1917.

*To the Mayor and Aldermen of the City of Charleston:*

Gentlemen: I have the honor to present herewith the statement of Receipts and Expenditures of the Charleston Orphan House for the year 1916; statement of the transactions of the Trustees of the Orphan House Funds and Estate; statement of the Receipts and Expenditures of the Private Fund of the Commissioners; also the reports of the various Standing Committees for the fiscal year ending December 31, 1916, together with my report as Chairman.

All of which is respectfully submitted,

GEO. W. WILLIAMS,

*Chairman of the Board of Commissioners of the Charleston Orphan House.*

Statement of the Receipts and Expenditures of the Charleston Orphan House for the year ending December 31st, 1916.

## RECEIPTS.

To amount received from interest on Public Fund .....	\$10,843.48
To amount received from interest on W. Jefferson Bennett Memorial Fund .....	2,000.00
To amount received from Commissioners Trust Fund .....	6,797.77
To amount received from Estate of Dr. R. L. Brodie .....	1,785.00
To amount received from City Council .....	12,410.84
	<hr/>
	\$33,837.09



EXPENDITURES.

By amount expended as per monthly returns to	
City Council .....	\$24,554.32
By House Physician's Salary .....	700.00
By amount expended from Commissioners Trust	
Fund .....	8,582.77
	<hr/>
	\$33,837.09

ST. JOHN P. KINLOCH,  
Treasurer B. C. C. O. H.

Cash transactions of the Trustees of the Orphan House  
Funds and Estate, January 1, 1916, to December 31, 1916.

RECEIPTS.

*To Balance from last Annual Statement:*

Trustees .....	\$ 36.63
W. J. Bennett Memorial Fund ..	8,865.85
	<hr/>
	\$ 8,902.48

*Trustees' Interest Account:*

12 mos. interest on \$201,500 City	
4 per cent. Bonds .....	8,060.00
Interest on \$38,176.20 4½ State	
Stock redeemed .....	1,176.19
Interest on deposits .....	1,607.29
	<hr/>
	10,843.48

*W. J. Bennett Memorial Fund:*

12 mos. interest on \$98,000 4 per	
cent. City Bonds .....	3,920.00
12 mos. interest on \$11,000 5 per	
cent. City of Columbia Bonds.....	550.00
12 mos. interest on \$10,000 City 4	
per cent. Sewerage Bonds .....	400.00
Interest on deposits .....	568.56
	<hr/>
	5,438.56

*Trustees' Stock Account:*

\$38,176.20 4½ per cent State Stock	
redeemed .....	38,176.20
	<u>\$ 63,360.72</u>

## EXPENDITURES.

*By Trustees' Interest Account:*

Current expenses of Charleston Orphan House .....	\$ 10,843.48
---	--------------

*W. J. Bennett Memorial Fund:*

Current expenses of Charleston Orphan House .....	2,000.00
Balance: Trustees .....	38,212.83
Balance W. J. Bennett Memorial Fund .....	12,304.41
	<u>50,517.24</u>
	<u>\$ 63,360.72</u>

## ASSETS.

*Trustees:*

Cash .....	\$ 38,212.83
4 per cent. City of Charleston Bonds .....	201,500.00
	<u>239,712.83</u>

*W. J. Bennett Memorial Fund:*

4 per cent. City of Charleston Bonds .....	98,000.00
4 per cent. City of Charleston Sewerage Bonds .....	10,000.00
5 per cent. City of Columbia Bonds .....	11,000.00
Cash .....	12,304.41
	<u>\$131,304.41</u>

Respectfully submitted,

J. O. LEA,

*City Treasurer and Trustee.*

Examined and found correct,

GEO W. WILLIAMS,

*Chairman Commissioners Charleston Orphan House and  
Trustee Orphan House Funds and Estate.*

W. J. BENNETT MEMORIAL FUND.

1916 Cash in Bank .....	\$ 12,304.41
1913 Bonds purchased .....	2,500.00
1912 Bonds purchased .....	1,500.00
1911 Bonds purchased .....	5,400.00
1909 Bonds purchased .....	1,000.00
1908 Bonds purchased .....	2,300.00
1907 Bonds purchased .....	2,200.00
1906 Bonds purchased .....	2,100.00
1905 Bonds purchased .....	2,000.00
	<hr/>
	\$ 31,304.41
Original donation .....	100,000.00
	<hr/>
	\$131,304.41

Cash in bank drawing 4 15/16 per cent, on daily balances.

List of Stocks, Bonds and other Securities belonging to the Private Fund of the Commissioners of the Charleston Orphan House exhibited to us by St. John P. Kinloch, Treasurer, and deposited by us in lock box at the Germania Savings Bank, this 13th day of October, 1916.

38 City of Charleston 4% bonds, each..\$1,000	\$38,000.00
64 City of Charleston 4% bonds, each.. 500	32,000.00
3 City of Charleston 4½% b'nds, each 500	1,500.00
2 City of Columbia 4½% bonds, each 1,000	2,000.00
4 City of Florence 4½% bonds, each.. 1,000	4,000.00
1 Certificate for 20 shares Magnolia, Cemetery Stock, par .....	2,000.00
1 Certificate for 7 shares Bank of Charleston, N. B. A., Stock, par .....	700.00
1 Certificate for 5 shares Walker, Evans & Cogswell Stock, par .....	500.00
1 Deed for Six Lots in Magnolia Cemetery.	

Property of the Dr. William H. Huger  
Scholarship Fund—

5 City of Charleston 4% Bonds, each \$1,000..	5,000.00
Accrued interest on deposit in Savings Department, Carolina Savings Bank, December 31, 1916 .....	534.96

I. W. HIRSCH, *Chairman*.  
SAM'L G. STONEY,  
ROBT. C. LEBBY,  
S. E. WELCH,

*Finance Committee.*

GEO. W. WILLIAMS,  
*Chairman*.

Abstract of the Receipts and Expenditures of the Private Fund of the Commissioners of the Charleston Orphan House for the year ending December 31st, 1916.

DR.

To Balance from last account .....	\$ 163.88
“ Interest on Securities .....	3,455.55
“ State of South Carolina Bonds matured .....	4,500.00
“ Income from Estate of Dr. R. L. Brodie .....	1,785.00
	<hr/>
	\$9,904.43

CR.

By paid Salaries of Officers and Employees .....	\$2,404.59
“ “ Balance on Bath-house and equipment....	551.33
“ “ Tornado and Fire Insurance Premiums....	298.29
“ “ Bank box rent and City Directory.....	18.00
“ “ City Florence Bonds and interest.....	4,221.64

*Department of Charities*

431

" "	Donations to Officers and Inmates.....	175.00
" "	'Expenses of Annual Picnic .....	153.04
" "	Glasses for children .....	11.00
" "	Funeral notices and floral tributes.....	35.15
" "	Erecting Memorial Tablets .....	72.72
" "	Sunday School books, School prizes, etc..	119.35
" "	Care lot in Magnolia Cemetery .....	30.00
" "	Hospital charges and nurse for child.....	46.42
" "	Advanced education of Junior Teachers..	382.26
" "	Expenses of High School boy .....	61.98
" "	Postal cards, stamps, etc.....	2.00
		<hr/>
		\$8,582.77
	Balance in Bank .....	1,321.66
		<hr/>
		\$9,904.43

Examined and found correct:

I. W. HIRSCH, *Chairman.*

SAM'L G. STONEY,

ROBT. C. LEBBY,

S. E. WELCH,

*Committee on Accounts.*

GEO. W. WILLIAMS,

*Chairman.*

REPORT OF THE COMMITTEE ON SCHOOL FOR  
THE YEAR ENDING DECEMBER 31, 1916.

The 126th Anniversary of the Charleston Orphan House was celebrated by exercises in the school room on the afternoon of October 19th, 1916, in the presence of the Board of Commissioners, Mayor Hyde and a number of visitors. The Chairman of the Board, Mr. George W. Williams, presided at the exercises.

An excellent program was very creditably carried out. Special mention should be made of the commendable progress of the children in the Sight Singing course, established in the School two years ago. The purity of tone, and the two and three part singing demonstrated the care with which they had been trained in this part of the work.

#### ORDER OF EXERCISES.

Welcome Song by the School.

Prayer by Rev. Melton Clark, D. D.

Recitation of the 24th Psalm by the School.

Song, "My Country," School.

Recitations on "Patriotism and Loyalty."

Song "The Star Spangled Banner," by the School.

(Twenty girls illustrating by appropriate attitudes.)

Instrumental Solo, "Valse Excentrique."

"Etude."

Presentation of the "Bennett Medal."

Presentation of "Fidelity" Prizes.

Songs, "Bye Low."

"Sleigh Ride."

Presentation of the "Cart Medal" for Mathematics.

Presentation of Prizes for Industrial Department.

Shepherd Song, School.

Presentation of Premiums.

Presentation of the "Carrington-Thomas Medal."

Anniversary Anthem, School.

Benediction by Commissioner, Rev. V. C. Dibble.

The "Bennett Medal" for Scholarship, Attendance and Conduct was presented to Bartow Harris by His Honor, Mayor T. T. Hyde.

The "Williams" Prizes for Industry and Fidelity were

presented to Isabelle H. Legare and George R. Rivers by the Chairman.

The "Cart Medal" for proficiency in Mathematics was presented to Rutilla S. LaCoste by Commissioner I. W. Hirsch.

The "Carrington-Thomas Prizes" for General Helpfulness were presented to Katie Voigt and Gatewood Smith, and the Prize for the Industrial Department to Blackwell Webb by Commissioner I. W. Hirsch.

Jennie Oplan, who played the Instrumental Solos, was specially commended for proficiency in Music.

Presentation of Premiums by Chairman George W. Williams:

**FIRST CLASS.**

Katie Voigt.

**FIRST DIVISION, SECOND CLASS.**

Bernie Messel.

**SECOND DIVISION, SECOND CLASS.**

Helen Mazyck and Bessie Proctor.

**THIRD CLASS.**

Dorothy Heins, Belle Legare, Bettie Wise.

**FOURTH CLASS.**

Helen Blitch, Richard Sonnichsen.

**FIFTH CLASS.**

Charlie Blitch, Theo. Benke, Jno. Price, Dora Sonnichsen.

## SIXTH CLASS.

Myrtle Heisenbottle, Helen Breuer, Hagood Johnson,  
Cecil Martin, Lucius Elsey.

## SEVENTH CLASS.

Jennings Byrd, Eliza Sonnichsen, Morris Addison,  
Jennie Jones.

## KINDERGARTEN TABLE NO. 1.

Fred Webber, Margaret Messel, Aurelia Connollee.

## KINDERGARTEN—TABLE NO. 2.

Ruth Byrd, Leroy Heissenbottle, Lois Ballentine.

## REPORT OF SCHOOL ATTENDANCE.

Highest number of Scholars on register during the year :

Boys, 141; Girls, 128. Total, 269.

The average attendance at School during the year :

Boys, 135; Girls, 123. Total, 258.

Admitted during the year :

Boys, 23; Girls, 31. Total, 54.

Discharged during the year :

Boys, 24; Girls, 30. Total, 54. -

The usual course of studies was pursued during the year—the First Class continuing until the Summer vacation to receive special training in Mathematics and Bookkeeping by two of the teachers of the High School.

Lucia Hutchinson, who is attending Lander College, is doing well and quite in earnest in her work.

Of the number admitted during the year, fifty-two entered the Kindergarten or the lowest Primary Grade.



## BOYS INDUSTRIAL DEPARTMENT.

794 Pairs Shoes repaired; 198 Mattresses made; 96 Pillows made; 6 Doors repaired; 244 Window Glass put in; 47 Sash Cords adjusted; 4 New Doors hung; 8 Glasses placed in Doors; 2 Old Doors replaced; 4 Screen Doors put in; 2 Mitre Boxes made; new Steam Pipes put in Commissioners' Room; Counter Shaft put up for New Pump; 12 Dining Room Windows Screened; 9 Bedsteads repaired and painted; 4 New Tables made and 5 repaired; 26 Chairs repaired and caned; 2 Life Savers recovered and 4 Boxes made; 7 New Locks put on doors.

Windows in the Lodge repaired and many smaller matters were carefully attended to, thus saving a considerable amount in the expenses of the Institution.

In the Industrial Department for the Girls, the following report shows the value of the training and the efficiency manifested :

17 Boys Uniforms; 61 Rompers; 284 Summer Dresses; 495 Aprons; 170 Pairs Garters; 55 Pairs Trousers; 672 Shirt Waists; 223 Fall and Winter Dresses; 780 Boys' and Girls' Underwear; 58 Doilies and Table Cloths Hemmed; 1,395 Sheets, Towels, Pillow Cases and Bed Ticks Hemmed; 481 Suits and Dresses altered and repaired; 120 Collars made and fitted.

This was in addition to general Seamstress, Tailoring and Dressmaking work. The greater part of the darning and mending for the boys and the marking of every article of clothing were also done in this Department. Here the children are taught from one-half to an hour and a half each day, the older girls giving the time they can spare from school and other duties. The Laundry work has been done by three washers with the aid of the girls.

This year's washing amounted to 709,347 pieces.

As an Easter Gift, Mr. Andrew B. Murray presented the School with a set of the "Handy Volume" issue of the Encyclopedia Britannica (29 Volumes), with a handsome stand, which is greatly appreciated.

Respectfully submitted,

S. E. WELCH, *Chairman.*  
A. B. MURRAY,  
VIRGIL C. DIBBLE,  
SAM'L G. STONEY,  
B. A. MUCKENFUSS.

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#### REPORT OF COMMITTEE ON IMPROVEMENTS AND DISCIPLINE.

The Committee on Improvements and Discipline is pleased to report many improvements made during the past year, which have contributed much to the comfort and welfare of the wards and other inmates of the House.

The excellent discipline which for many years has been so conspicuous in the management of affairs, and has given the Charleston Orphan House its high reputation as second to no similar institution anywhere, is still fully maintained. Respect for law and those in authority is general and habitual. This not only finds expression in prompt obedience and good order, but adds greatly to the happiness of the wards, and is preparing them to properly meet the responsibilities and discharge the obligations of citizenship, and of manhood and womanhood, when they leave the home

of their childhood, to take their place and do their work in the world without.

GEO. W. WILLIAMS,  
*Chairman.*

S. E. WELCH,  
B. A. MUCKENFUSS,  
S. G. STONEY,  
F. Q. O'NEILL,  
I. W. HIRSCH,  
D. B. HENDERSON,  
A. B. MURRAY,  
ROBT. C. LEBBY.

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#### REPORT OF COMMITTEE ON RETRENCHMENT AND REFORM.

Your Committee makes no recommendation, as they find Economy practiced in all departments and a disposition on the part of the management to retrench wherever possible.

We are unable, after investigation, to note or suggest any necessity for reform.

Respectfully submitted,  
F. Q. O'NEILL, *Chairman.*  
ROBT. C. LEBBY,  
D. B. HENDERSON,  
R. H. DURYEA.

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#### REPORT OF COMMITTEE ON REPAIRS.

In addition to the usual amount of repair work necessary on a large plant of this size, there were several items of additional repair work resulting from the storm of July

15th, 1916. Owing to the substantial character of the building the damage by the storm was not as severe as might have been expected from the height and great exposure of the main building, cupola, etc. All of the repairs have been made of a most substantial and satisfactory manner.

Details of the work:—

The front portico scraped and painted.

Slate roof of main building thoroughly overhauled and repaired.

Wood work and metal work on the center cupola repaired thoroughly and overhauled.

Bath room in fifth story painted.

Ceiling and pool in bath house painted.

Two large sashes removed and put in class room windows.

Eight dormitories and entries calcimined.

School room floor and floor of passage and main hall painted.

New concrete foot bath built in No. 8 lavatory.

City sewerage connections on west side of premises made with street system.

Fences and drains on premises all overhauled and repaired.

Furnaces to boiler rebricked, clayed and repaired.

All steam and water pipes repaired.

Forty-seven window glasses and twenty-three sash cords put in main building.

New storm doors and partitions erected at No. 4 stairway in main building.

All plaster to ceiling and woodwork throughout the house repaired.

All of this work has been done thoroughly and satisfactorily under the efficient management of our assistant

Supintendent and Engineer, Mr. Barton. The valuable and very satisfactory work done by Mr. Hudson and the boys in the workshop is fully reported under the School Committee's report. Many of the boys have assisted materially in the repair work during the year, and we commend highly this method of instructing and employing our boys continuously, when not conflicting with their school duties, and especially during the summer months.

Your Committee would suggest that every effort be made to paint the walls on Calhoun Street and St. Philip and Vander Horst Streets during the summer, and we also ask that every effort be made to have the City Council repair the sidewalks on St. Philip from Calhoun to Vander Horst, and on Vander Horst from St. Philip to King Street, as these sidewalks are in a wretched condition. We would also suggest that immediate steps be taken to repair the damage to all the trees on the place, and to plant out additional trees as suggested in detail after consulting with Mr. LaFar Bissell, in charge of the City Trees.

A substantial gravel cement driveway has been laid in front of the main building.

Respectfully submitted,

SAM'L G. STONEY,

*Chairman.*

D. B. HENDERSON,

I. W. HIRSCH,

PAUL W. SANDERS,

*Committee on Repairs.*

## REPORT OF COMMITTEE ON PURVEYANCE.

The Committee on Purveyance begs to submit their report of the purchases and expenses for the year 1916.

Groceries, Soap, etc.....	\$3,400.87
Bread .....	2,254.42
Meat .....	1,010.37
Dry Goods, Shoes, etc.....	2,497.39
Milk .....	1,176.80
Repairs .....	2,017.11
Salaries .....	8,230.25
Petty Cash .....	1,500.00
Insurance .....	40.00
Fuel .....	1,452.85
Forage .....	83.46
Books, Printing, etc.....	188.02
Lights .....	184.23
Drugs .....	152.31
Miscellaneous .....	366.24
	<hr/> \$24,554.32
Salary of House Physician, paid by City Treasurer .....	700.00
	<hr/> \$25,254.32

The Garden furnished the following under very unfavorable circumstances: (The boys assisted the Gardener.)

299	Bunches of Turnips.
166	Bunches of Beets.
417	Bunches of Carrots.
6½	Barrels of Carrots.
265	Dozen of Tomatoes.
71	Dozen ears of New Corn.
1,680	Bunches of Radishes.

18½ Baskets of Beans.  
 2½ Bushels of Red Peppers.  
 60 Dozen of Onions.  
 16 Dozen of Squashes.  
 29½ Pecks of Okra.  
 2,000 Pounds of Forage for Donkey.  
 Respectfully submitted,  
 D. B. HENDERSON, *Chairman*.  
 ROBT. H. DURYEY,  
 B. A. MUCKENFUSS,  
 PAUL W. SANDERS.

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#### REPORT OF BINDING OUT COMMITTEE.

The Binding Out Committee respectfully submits the following report of admissions to and discharges from the Orphan House during the year ending December 31, 1916.

Boys admitted .....	23
Girls admitted .....	23
	<hr/>
Total .....	46
Boys discharged .....	26
Girls discharged .....	35
	<hr/>
Total .....	61

Six of the boys discharged, and eight of the girls, had secured good positions before leaving the Home, and so far have made a fine record. One girl is taking a business course. Two of the girls, when they attained their majority, remained in the Home, one taking charge of a dormitory and the other assisting in the Sewing and Housekeeping Departments.

The other children who were withdrawn were given to relatives and are now, with few exceptions, attending school.

R. C. LEBBY, *Chairman.*

I. W. HIRSCH,

A. B. MURRAY,

VIRGIL C. DIBBLE.

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#### REPORT OF THE COMMITTEE ON LIBRARY.

The Committee on Library begs to report that there are now in the Library 5,245 volumes and 450 pamphlets and magazines.

Since last report there have been donated to the Library 34 books and 25 magazines ("National Geographic.")

The children draw books from the Library regularly throughout the year, but in the summer vacation devote more time to reading, under the supervision of the Librarian—the assistant teachers and older girls assisting by reading suitable books to the younger children.

3,500 books have been drawn during the year.

Respectfully submitted,

A. B. MURRAY, *Chairman.*

VIRGIL C. DIBBLE,

R. H. DURYEA,

F. Q. O'NEILL.

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#### REPORT OF COMMITTEE ON CHAPEL. AND ANNIVERSARY

The Sabbath afternoon services have known no interruption throughout the year. Three visiting Ministers have



officiated: The Rev. Robert C. Hilson and Rev. J. R. Graham, Missionaries from China, and Rev. W. E. Abrams, of Wytheville, Va., the latter was one of our former boys. The music has been, as usual, a very attractive feature of the services, and the children have maintained their reputation for close attention and good conduct. The Committee again returns thanks to those of the resident Clergy and Y. M. C. A. who have so readily responded to the demands made upon them.

Respectfully submitted,

B. A. MUCKENFUSS, *Chairman*.....

S. E. WELCH,

V. C. DIBBLE,

F. Q. O'NEILL.

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#### REPORT OF THE CHAIRMAN.

On March 31st, Mr. Francis J. Pelzer, the 17th Chairman of the Board of Commissioners, passed away. The Board adopted appropriate resolutions as a tribute of respect to his memory, a copy of which will be found following this report. Mr. Paul W. Sanders was elected a Commissioner to fill the vacancy caused by the death of Mr. Pelzer.

As succeeding Chairman of the Board, it becomes my duty to transmit to you the foregoing financial statements and the Reports of the Standing Committees of the Board of Commissioners of the Charleston Orphan House for the year 1916, and in doing so, it gives me pleasure to state that the members of the Board have, as individuals and as a Board, performed every duty as it has been presented, thereby maintaining the high standard of efficiency which has always characterized the work of the Commissioners of the Charleston Orphan House.

On January 1, 1916, there were in the House:

Boys, 144; Girls, 139. Total, 283.

Admissions during the year:

Boys, 23; Girls, 23. Total, 46.

Withdrawals during the year:

Boys, 26; Girls, 35. Total, 61.

Highest number on Register during the year:

Boys, 143; Girls, 139. Total, 282.

On December 31, 1916, there were in the House:

Boys, 141; Girls, 127. Total, 268.

Again we are grateful to report that we have had no deaths in the Home during the past year.

The systematically ordered life of children well housed and nourished, comfortably clothed, reasonably equipped, with plenty of pure fresh air by night as well as by day and an abundance of health-giving exercises, in addition to the watchful care of our Physician, Dr. T. Grange Simons, who has been devoted in his attentions to those who have needed his care, have, to a great extent, aided us in maintaining this most excellent record of health, which will bear comparison with the best regulated homes in any community.

The Board begs to record its appreciation of the continued kindness of Doctors B. A. Muckenfuss and Charles W. Kollock, who have cheerfully rendered service from time to time during the year in their professional lines, whenever called upon to do so.

I am pleased to record a most successful year in the Sunday School under the supervision of Mr. C. O. Getty, of the Staff of the Y. M. C. A., who, as Superintendent, has taken a most active interest in furthering this branch of the work.

Besides our resident teachers he has been ably assisted

by Messrs. Fred S. Muller, Milton B. Kennedy, K. C. Byrd and Aleck Dick. The undenominational Bible Study Course seems best fitted for our purposes and the singing interspersed with piano and violin adds much to the interest taken by the children in the exercises.

In music, I am pleased to record a most satisfactory year. The sight singing course, so successfully taught last year, has been productive of great results in Ear training, Vocal training, Sight reading, Written work, Interpretations of songs and Two and Three part singing. The methods used are "Primary Melodies," "First Reader," and "Individual Sight Singing" Exercises by Bowen.

The children are as enthusiastic over their music as is their instructor, Miss Ella I. Hyams, to whom we owe much for her painstaking interest in cultivating and furthering the love of music among them.

While paying the closest attention to the needs of the child from every standpoint, we have, at the same time, always kept before us as a policy, the determination to add from time to time improvements which would tend to increase the comfort, efficiency and safety in the House and on the grounds..

To attain this end I am glad to mention some of the betterments which have been added to the plant during the last few years; the most important of these may be briefly mentioned as follows: The rebuilding of vital portions of the sanitary system; cementing of basement floor; the construction of substantial fire escapes; the installation of fire alarm boxes connected with the general system of the city and electric lights on each floor of the House.

The distribution of fire extinguishers and fire hydrants throughout the building; the installation of a new system of steam heating, which has caused the removal of stoves from the House; the introduction of a private telephone

exchange, which permits intercommunication between all parts of the House; the creation of an industrial department in which the boys are taught many of the useful arts, such as shoemaking, blacksmithing, wood turning, bench tool work, drilling, painting, carpentering, mattress and chair making, plumbing, tinning and the like.

The erection of a modern brick and cement kitchen, fully equipped, where the older girls may have the advantages of domestic training; this branch of the work for girls in addition to sewing, teaching and caring for the younger children, enables them by actual practice to fit themselves for any position they may be called upon to occupy in after life.

The transformation of the upper portion of the large Assembly Hall into several well-lighted and ventilated school rooms, without in the least degree, impairing the usefulness or the architectural lines of the Assembly Hall.

The overhauling and the rebuilding of the Children's dining rooms, which have been practically made over.

The planting in the grounds in front of the House, of a well selected equipment of modern playground apparatus from the best factories in the country.

The erection of a spacious Brick and Cement Bath House, equipped with every modern appliance, where the children may, after their shower baths, enjoy a dip in a spacious pool in which every child is taught to swim, the boys by Mr. Fred S. Muller and the girls by Mrs. Alex. H. Pregnall, assisted by her sister, Miss Lewis. To these unselfish teachers we are indebted for their kindly interest in this phase of the work.

Other improvements which the Board have in view will be undertaken from time to time with the purpose of making the Orphan House in its accomplishments rank second to none in caring for those entrusted to it.

With a view of making the lives of the children as near homelike as it is possible and as far from the institutional as it is generally understood, amusements have been provided for them throughout the year suitable to the season; besides this from time to time men and women who have become prominent in some field of endeavor in the world, when visiting Charleston, have addressed them. The policy of having them see and hear substantial people who are doing things in the world is a good one. So much interest is manifested by the children in this feature of their lives that I am sure there will be no change in this long established custom which we found, and which we will continue and leave to our successors to carry on.

During the summer months several of our younger teachers were sent to Winthrop College, where they obtained and enjoyed the advantages of the training which is given at its summer school for teachers.

One of the older girls, Lucia Hutchinson, entered Lander College in September, where we expect her to make a record which will be creditable to herself as well as to the Orphan House.

Under our established system any orphan boy or girl may obtain the benefit of a college course provided they fit themselves for it.

Some of the pleasant experiences of a year are the visits from time to time by former pupils, men and women who as children were brought up in the Home, who return as the opportunity is presented to pay their respects to those in control, and to enjoy the reminiscences of the past.

Of course we are gratified by the large number who have gone from our care, and, true to their training, have made a success of their life work.

Among the many who returned to their old Home, and there were more visitors than usual in 1916, was the Rev.

W. E. Abrams, now a prominent preacher living in Wytheville, Va. During his stay in Charleston he occupied the pulpit in the Chapel on one Sunday.

I will not close this report without once more expressing our appreciation of the devoted zeal and efficiency of the Executive officers of the Home.

To the Principal, Miss Mary L. LeQueux, the Board is especially grateful; she has brought to the work ripe experience of many years, and with rare tact and energy has kept the momentum of this great charity keyed to its proper limit, and no one knows better than the Chairman of the incessant and exacting tasks which face her in each day and night of the 365 of the year, and I am sure that every member of the Board is glad to join me in this opportunity to show his full appreciation of the results of her work, which cannot be overestimated, and to express the esteem in which she is held by each of us on account of her personal worth.

And to our faithful Engineer and Assistant to the Superintendent, Mr. Ashley L. Barton, for nearly 40 years in continuous service in the Orphan House, we make full acknowledgment while we may during his life, with the hope that he may long be spared to this City and Home, for he brings to his work the experience of a life time and an interest which cannot be measured; a peculiar interest, which in the present day is so often lacking in Homes of this character. With Mr. Barton his varied tasks at the Orphan House come to him as life itself. The Board, ever mindful of his faithfulness, is glad to make a permanent record of it.

In a Home like this, in which a large corps of assistants with diversified and overlapping duties is necessary, it is not possible to do more than to express our appreciation of the loyal support which each one has given in the various

departments in order that the Orphan House may continue to maintain its place in the fore front which over 126 years of the best service entitles it.

Finally, in closing this report, as we look back and survey the work of the last twelve months, I can but feel, considering the amount of patience, good common sense and tact which are necessary to successfully guide a Home of this size, that we have added one year more of faithful and successful work to those which have gone before, and with full appreciation of the honor conferred upon me by City Council and by the Board of Commissioners, and with the pledge to use my best efforts at all times in caring for the interests of the Orphan House,

I beg to remain, respectfully,

GEO. W. WILLIAMS,

*Chairman of the Board of Commissioners of the Charleston Orphan House.*

## TRIBUTE OF RESPECT

### In Memoriam

#### FRANCIS J. PELZER

Mr. Francis J. Pelzer, the seventeenth in order of Chairman of the Commissioners of the Charleston Orphan House, since its organization, one hundred and twenty-six years ago, finished his course and "fell asleep" at his home in the City, Friday afternoon, March 31, 1916, nine days before the completion of the ninetieth year of his age. Sunday, April 2, his mortal remains were solemnly laid away in the burying ground of Bethel Methodist Church. "Earth to earth, ashes to ashes, dust to dust."

His connection with the Orphan House began January 8, 1878, when he was first elected Commissioner by the City Council. His regularly recurring election during nine successive municipal administrations, embracing a period of nearly forty years, makes evident his high standing in the community and the estimate put upon his faithfulness and efficiency in the conduct and discharge of an important public trust. Dr. Benjamin A. Muckenfuss, still an active and conspicuously useful member of the Board, was elected on the same day and now has the distinction of holding the longest term of service in the history of the Institution. "Serus ad coelum redeat."

Mr. Pelzer was elected Vice Chairman of the Board, January 11, 1894. He became Chairman, January 8, 1903, succeeding Mr. George W. Williams, at his death, whose son, bearing the same name, has by the unanimous voice of the Board, been called to the position of Chairman, and now worthily occupies it.

As a Commissioner of the Orphan House, in intimate association with its officers and the young people under its sheltering care, Mr Pelzer showed himself possessed of those qualities of mind and heart, which won their respect and confidence. All looked upon him as an earnest friend, deeply interested in them, and ever ready to contribute, by word and deed, to their comfort and welfare. The additional responsibilities and duties brought to him by his promotion to the position of Chairman of the Board, he met and discharged conscientiously and wisely.

In the other relations, varied and manifold, of his active life,



notably those commonly regarded as business relations, Mr. Pelzer stood conspicuously prominent, as an eminently successful man. Observant and always thoughtful, he reached right conclusions, which became with him settled principles, and he had the "courage of his convictions." He did not drift along with the current, but his will and force of character dominated mere circumstances. Many material and financial enterprises, from which the entire community has profited, were originated by him, or he assisted earnestly in their development. He attained results desired not by chance, or what is called "good fortune;" they were the effects, of which his own intelligent and persistent energy was the cause.

Mr. Pelzer never forgot, or laid aside the religious obligations to which, in boyhood he committed himself. Remembering his Creator in the days of his youth, to fear God and keep His commandments was the rule of his after life. A member of the church, he was devoted to its interests, contributing by personal work and by liberal gifts to its prosperity and welfare.

For several years the physical and mental infirmities, which accompany old age, made him an invalid and inactive. His sufferings and disabilities he endured patiently and with Christian resignation, until, at last, "The weary wheels of life stood still." When they ceased to move, he quietly passed into the "Great beyond," exchanging the things of this world, which are but temporal, for the great verities of the other world, which are eternal.

"He rests from his labors, and his works do follow him."

Be it resolved, That in the death of Mr. Francis J. Pelzer, the Commissioners of the Charleston Orphan House have lost an associate, who, for nearly forty years, assisted faithfully in the management of an important trust, and a Chairman, conscientious and constant in the discharge of the duties of his office.

Resolved, That the example of thrift, industry and integrity which his life presents, is one worthy of imitation by the children of the Orphan House in whose welfare he was deeply interested.

Resolved, That a blank page in the Minute Book of the Board be suitably inscribed to his memory.

Resolved, That a copy of this tribute be sent by the Secretary to the widow and family of the deceased, with the assurance of the sympathy of the Commissioners in their bereavement.

Extract from Minutes of Meeting of Board of Commissioners, held May 4, 1916.

ST. JOHN P. KINLOCH, Secretary.

ANNUAL REPORT OF THE BOARD OF COMMISSIONERS OF CITY ORPHAN ASYLUM

1916

*BOARD OF COMMISSIONERS*

HENRY SCHACHTE,  
Chairman

MONTAGUE TRIEST,  
Vice-Chairman

J. H. JAHNZ

J. J. BENNETT

T. H. REYNOLDS

J. B. FLEMING

JOHN J. FURLONG,  
Secretary

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*STANDING COMMITTEES*

*Improvement and Discipline*

HENRY SCHACHTE, Chairman

MONTAGUE TRIEST

JOHN J. FURLONG

*Retrenchment*

J. J. BENNETT, Chairman

J. H. JAHNZ

J. B. FLEMING

*Purveyance and Accounts*

THOS. H. REYNOLDS, Chairman

MONTAGUE TRIEST

JULIUS H. JAHNZ

*Committee on Binding-Out, Repairs and Library*

J. B. FLEMING, Chairman

THOS. H. REYNOLDS

J. J. BENNETT

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Meetings: First Tuesday of every month.

CITY ORPHAN ASYLUM

Charleston, S. C., February 17, 1917.

*To the Honorable the Mayor and Aldermen  
of the City of Charleston.*

*Gentlemen:*

With this I hand you the report of the Committee on Purveyance, which contains a statement of all the expenditures for the past year.

The City Orphan Asylum is being managed in the most conservative way, the very best possible care and attention is paid to the inmates, and I beg to report a most satisfactory condition.

Respectfully submitted,

HENRY SCHACHTE,  
*Chairman.*

## COMMITTEE ON IMPROVEMENTS, DISCIPLINE AND SCHOOL

The Committee on Improvements and Discipline report that under the present management the discipline has reached an excellent standard and is in every way satisfactory to the Board. The attendance at school has been excellent.

Respectfully submitted,

HENRY SCHACHTE,

Chairman.

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COMMITTEE ON RETRENCHMENTS

The Committee on Retrenchments respectfully report that the City Orphan Asylum is managed in the most economical way, and that no retrenchment is possible, as the amount now expended per capita is below the average of most institutions of like character.

Respectfully submitted,

J. J. BENNETT,

Chairman.

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COMMITTEE ON BINDING-OUT, REPAIRS AND LIBRARY

The Committee on Binding-Out desires to state that no children of the City Orphan Asylum have been bound out during the year 1916. The only children who have left the Orphanage have been withdrawn by relatives. They also report there have been no repairs to the building during the past year. That there have been few changes in the list books contained in the Library. The children enjoy the advantages of the collection as often as times from their duties will permit. The Committee would recommend that a small sum be set aside each year to add a few well chosen selections to those on the shelves of the Library.

Respectfully submitted,

J. B. FLEMING,

Chairman.

EXPENDITURES FOR 1916 FOR CITY ORPHAN ASYLUM

House help .....	\$ 521.61
Shoes .....	95.40
Dry Goods .....	283.16
Repairs .....	505.78
Groceries .....	1,700.83
Vegetables .....	216.74
Drugs .....	170.40
Bread .....	708.61
Meat .....	662.39
Lighting .....	31.35
Forage .....	374.10
Fuel .....	443.65
Clothing .....	143.75
Printing and Stationery .....	41.68
Furniture .....	59.00
Hardware, etc. ....	17.10

\$5,975.55

Appropriation .....\$ 6,000.00

Expenditures ..... 5,975.55

- Balance.....\$ 24.45

Respectfully submitted,

THOS. H. REYNOLDS,  
Chairman, Committee on Purveyance.

WILLIAM ENSTON HOME

Charleston, S. C., January 18, 1917.

To the Honorable Mayor and Aldermen,  
Charleston, S. C.

Gentlemen:

I have the honor of enclosing herewith annuals reports of the Trustees of the William Enston Home, and also of the Trustees of the William Enston Annuitants' Funds, for the year ending December 31, 1916.

Very truly yours,

F. M. ROBERTSON,

Secretary.

THE WILLIAM ENSTON HOME

Cash Statement, from January 1, 1916, to December 31, 1916.

Receipts

To Balance, Cash in Bank, December 31, 1915 .....	\$10,198.47
Interest, General Account for 1916 .....	2,129.77
Interest, New Cottage Account for 1916 .....	4,234.76
Balance Annuitants' Fund, for 1915 .....	1,196.70
Cash on account Annuitants' Fund, for 1916 .....	7,347.03
Income Rent of small farm, 11 months @ \$4.00.....	44.00
	<hr/>
	\$25,150.73

Disbursements

By Expenses of administration .....	\$ 3,999.57
Fuel and Lights .....	486.47
\$5,000.00 Florence, S. C. Funding Bonds (5%), Costing .....	5,250.00
Balance, Cash in Bank .....	15,414.69
	<hr/>
	\$25,150.73

E. E. Charleston, S. C., December 31, 1916.

WM. E. HUGER,

President.

## ASSETS

## THE WILLIAM ENSTON HOME

December 31, 1916

## GENERAL FUND

\$ 3 500.00	Charleston .....	4%	Bonds, costing .....	\$ 2 027.77
5 000.00	Charleston .....	5%	Bonds, costing .....	5 250.00
5 000.00	Florence .....	5%	Bonds, costing .....	5 250.00
5 000.00	Columbia .....	4½%	Bonds, costing .....	5 300.00
17 000.00	Columbia .....	5%	Bonds, costing .....	18 394.00
10 000.00	Greenville .....	5%	Bonds, costing .....	10 575.00
10 103.85	Cash in Bank .....			10 103.85
<hr/>				
\$ 55 603.85				\$ 56 900.62
<hr/>				

## NEW COTTAGE FUND

\$ 5 000.00	Belton .....	5%	Bonds, costing .....	\$ 5 025.00
50 500.00	Charleston .....	4%	Bonds, costing .....	48 808.75
10 000.00	Charleston .....	5%	Bonds, costing .....	10 500.00
3 000.00	Columbia .....	5%	Bonds, costing .....	3 246.00
10 000.00	Greenville .....	5%	Bonds, costing .....	10 575.00
8 000.00	Greer's .....	5%	Bonds, costing .....	8 000.00
5 000.00	Manning .....	5½%	Bonds, costing .....	5 287.50
1 000.00	Pickens .....	7%	Bonds, costing .....	1 060.00
5 310.84	Cash in Bank .....			5 310.84
<hr/>				
\$ 97 810.84				\$ 97 813.09
<hr/>				
\$153 414.69	Totals .....			\$154 713.71
<hr/>				

E. E., Charleston, S. C., December 31, 1916.

WM. E. HUGER,  
President.



WILLIAM ENSTON ANNUITANTS' FUND

STATEMENT NO. 34.

Cash Transactions of John F. Ficken, R. G. Rhett and W. E. Butler, Trustees.  
From January 1, 1916, to December 31, 1916.

RECEIPTS

January 1, 1916, Cash Balance in Bank .....	\$ 153.71	
January 5 1916—Cash from Sumter S. C., 6% Bonds		
Maturing in Jan., 1916: 12 Bonds @ \$1,000.00 each.....	\$12 000.00	
Less expense of collecting.....	18.00	
		11 982.00
January, Interest Sumter 6% Bonds, net .....	717.75	
January and July, Interest, Charleston 4% Bonds, net .....	3 060.00	
January and July, Interest, Wilmington 4% Bonds, net.....	878.00	
January and July, Interest, Greenwood 6% Bonds, net.....	358.80	
January and July, Interest, Greensboro 4% Bonds, net.....	598.40	
January and July, Interest, Montgomery 4½% Bonds, net .....	719.00	
February and July, Interest, Lancaster 4% Bonds, net.....	359.15	
March and September, Interest, Union 6% Bonds, net.....	1 200.00	
April and October, Interest, Aiken 6% Bonds, net.....	478.70	
April and October, Interest, Aiken 4½% Bonds, net.....	493.70	
April and October, Interest, Charleston 4% Bonds, net ....	20.00	
April and October, Interest, Gaffney 5% Bonds, net.....	498.00	
June and December, Interest, Dillon 5% Bonds, net .....	99.00	
December, Interest, Chesterfield 6% Bonds, net .....	1 196.70	
January 7, to December 31, Interest on Deposit of \$12,000.00 @ 4% .....	854.67	
		11 081.87
		<b>\$23 167.58</b>

DISBURSEMENTS

Annuities for 1916 .....	\$ 1 750.00	
Expense of administration .....	200.00	
		\$ 1 950.00
Surplus paid Trustees, William Enston Home, Balance of 1915 .....	\$ 1 196.70	
Surplus paid Trustees William Enston Home, Acct of 1916	7,347.03	
		8 543.73
Trustees' commission on Receipts.....	\$11 031.87	
Trustees' commission on Annuities and expenses paid .....	1 950.00	
Trustees' commission on Surplus paid Trustees William Enston Home .....	8 543.73	
	\$21 525.60 @ 2½%	538.14
Balance Cash in Bank .....		12 135.71
		<b>\$23 167.58</b>

E. E., Charleston, S. C., December 31, 1916.

JNO. F. FICKEN,  
R. G. RHETT,  
W. E. BUTLER,

Trustees.

## STATEMENT NO. 34.

## ANNUITANTS' FUND

Assets, December 31, 1916.

\$ 8 000.00	Aiken, S. C. ....6%	Bonds, costing .....	\$ 8 007.75
11 000.00	Aiken, S. C. ....4½%	Bonds, costing .....	10 991.50
77 000.00	Charleston, S. C. ....4%	Bonds, costing .....	55 661.18
20 000.00	Chesterfield, S. C. ....4.6%	Bonds, costing .....	22 279.04
2 000.00	Dillon, S. C. ....5%	Bonds, costing .....	2 031.94
10 000.00	Gaffney, S. C. ....5%	Bonds, costing .....	10 383.94
15 000.00	Greensboro, N. C. ....4%	Bonds, costing .....	13 752.78
6 000.00	Greenwood, S. C. ....6%	Bonds, costing .....	6 565.65
9 000.00	Lancaster, S. C. ....4%	Bonds, costing .....	8 865.00
16 000.00	Montgomery, Ala. ....4½%	Bonds, costing .....	16 640.00
20 000.00	Union, S. C. ....6%	Bonds, costing .....	20 815.00
22 000.00	Wilmington, N. C. ....4%	Bonds, costing .....	22 235.90
12 135.71	Cash in Bank .....		12 135.71
<hr/> \$228 135.71			<hr/> \$209 865.89

E. E., Charleston, S. C., December 31, 1916.

JNO. F. FICKEN,  
R. G. RHETT,  
W. E. BUTLER,

Trustees.

CHARLESTON HOME

Charleston, S. C., January 9, 1917.

*To the Honorable the Mayor and City Council,  
of Charleston, S. C.*

*Gentlemen:*

I have the honor to submit the annual report of the  
Superintendent for the year ending December 31, 1916.

JOHN F. O'ROURKE, *Chairman,*  
*Board of Commissioners of the Charleston Home.*

## SUPERINTENDENT'S REPORT

Charleston, S. C., January 1, 1917.

*To the Commissioners of the Charleston Home.**Gentlemen:*

I would respectfully submit my annual report for the fiscal year ending December 31, 1916.

## ADMITTED

Males .....	13
Females .....	9
Total.....	22

## DISCHARGED

Males .....	10
Females .....	8
Total.....	18

## SENT TO HOSPITAL

Males .....	3
Females .....	11
Total.....	14

## SENT TO INSANE ASYLUM, COLUMBIA, S. C.

Female .....	1
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## DEATHS

Males .....	2
-------------	---

## NUMBER OF INMATES IN HOME, DECEMBER 31, 1916

Males .....	20
Females .....	28
Total.....	48

NUMBER OF INMATES AT ROPER HOSPITAL DEC. 31, 1916

Females .....	3
Total number of Inmates .....	51
Daily average number of Inmates .....	51

OUT-DOOR PENSIONERS

Total number of out-door pensioners .....	7,061
Total number of rations issued .....	5,869
Amount expended for rations .....	\$1,152.31
Average cost of each ration .....	19¼c
Appropriation .....	\$10,725.00

EXPENDITURES

Groceries and Provisions .....	\$ 2,289.94
Bread and Biscuits .....	547.23
Fresh Meat .....	596.05
Fish and Poultry .....	95.59
Fresh Milk .....	366.00
Drugs .....	160.07
Hats and Shoes .....	72.64
Dry Goods .....	330.32
Men's Clothing .....	81.25
Wood .....	181.40
Coal .....	74.50
Light .....	257.50
House furnishings .....	383.70
Newspapers and Printing .....	119.84
Insurance .....	32.60
Salaries .....	1,700.00
Repairs and Plumbing .....	284.04
Grist for Home .....	84.00
Fruit and Vegetables .....	337.38
Petty Cash .....	800.00
Bedsteads, Mattresses and Springs .....	34.00
Grist and Meal for out-door pensioners.....	497.05

Dry salt Butts for out-door pensioners.....	613.26	
Repairs to Clerk's residence .....	785.00	
		<hr/> 10,723.36
Unexpended Balance in City Treasury .....	\$	1.64
		<hr/>
Total.....		\$10,725.00

Petty cash disbursed as per vouchers reported semi-monthly to the Board.

Respectfully submitted,

FRITZ THEE,  
*Superintendent.*

SHIRRAS DISPENSARY

Charleston, S. C., January 15, 1917.

*To the Honorable the Mayor and Aldermen  
of the City of Charleston, S. C.*

*Gentlemen:*

I beg leave to transmit herewith the annual reports of the different departments of the Shirras Dispensary for the year 1916.

Respectfully submitted,  
LANE MULLALLY, M. D.,  
*Secy. and Treas. Shirras Dispensary Board.*

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Charleston, S. C., January 4, 1917.

*To the Trustees of the Shirras Dispensary.*

*Gentlemen:*

I have the honor to submit the enclosed reports for the Shirras Dispensary for the year 1916. The Dispensary has been regularly attended and the number of patients were about the same as in former years.

At a meeting of the Medical Staff, held January 3, 1917, it was requested that the building be wired for electric lights, that an electric sterilizer be furnished and one rubber Kelly pad and one-half dozen pairs of rubber gloves be furnished annually.

I would also report the toilet rooms to be in a dangerous condition; the floors having rotted in.

Respectfully submitted,  
W. PEYRE PORCHER, M. D.,  
*Chairman, Medical Staff.*

## DISEASES OF THE THROAT AND NOSE

DISEASES	White		Colored		Totals
	Male	Female	Male	Female	
Adenoids .....	1	2	10	10	23
Bronchitis .....				1	1
Cervical Adenitis .....				5	5
Dislocation of Lower Jaw .....				1	1
Dental Decay .....			1	8	9
Epistaxis .....			2	1	3
Foreign body in throat .....				1	1
Globus Hystericus .....			2	4	6
Glossitis .....				3	3
Laryngitis, Acute .....				2	2
Laryngitis, Chronic .....				1	1
Laryngitis, Tubercular .....				1	1
Laryngitis, Syphilitic .....				1	1
Paralysis of Right Vocal Cord .....				1	1
Parotitis, Acute .....				1	1
Pharyngitis, Acute .....		1	8	12	21
Pharyngitis, Follicular .....			2	7	9
Pharyngitis, Syphilitic .....				4	4
Rhinitis, Acute .....				5	5
Rhinitis, Atrophic .....			1		1
Rhinitis, Hypertrophic .....		1			1
Rhinitis, Syphilitic .....				1	1
Sinus Maxillary Disease .....				1	1
Stricture of the Oesophagus .....			1		1
Spastic Aphonia .....				1	1
Stomatitis, Syphilitic .....				2	2
Tonsillitis, Acute .....			2	1	3
Tonsillitis, Follicular .....			3	2	5
Tonsillitis, Hypertrophic .....		6	5	8	19
Tonsillitis, Syphilitic .....				2	2
Uvula, Elongated .....				1	1
Unclassified .....		1	4	9	14
Transferred .....		1	1	3	5
Totals.....					155



DISEASES OF THE EAR

DISEASES	White		Colored		Totals
	Male	Female	Male	Female	
Abscess Post Auricula .....		1			1
Aural Neuralgia .....		1		4	5
Cerumen Impacted .....	1		4	3	8
Deafness .....	1		1	2	4
Furunculosis of Ear .....	1				1
Eczema of Ear .....			1	2	3
Myringitis .....				3	3
Otitis, Acute .....			2	2	4
Otitis, Chronic Catarrhal .....				1	1
Otitis Media Purulenta .....			2	2	4
Otitis Externa Diffusa .....			1	1	2
Otorrhoea .....	2	1	4	2	9
Polypus in Ear .....		1			1
Tubal Catarrh .....		3		3	6
Tinnitus Aurium .....	1			1	2
Totals .....					53

Number Patients, Diseases of Throat and Nose..... 155

Number Patients, Diseases of Ear ..... 53

Total..... 208

Number Patients Examined ..... 212

Total..... 420

Respectfully submitted,

W. PEYRE PORCHER, M. D.

CHAS. W. KOLLOCK, M. D.

Laryngologist and Otologist.

Charleston, S. C., January 1, 1917.

*To the Trustees of Shirras Dispensary.*

*Gentlemen:*

We beg leave to submit the annual report of the department for treating affections of the eye during the year 1916.

Respectfully submitted,

WALTER P. PORCHER, M. D.

CHARLES W. KOLLOCK, M. D.

Number of patients treated in 1916 .....	213
Number of patients treated in 1915 .....	415
Uumber of whites treated in 1916 .....	19
Number of colored treated in 1916 .....	293
Number of males treated in 1916 .....	95
Number of females treated in 1916 .....	213

#### CLASSIFICATION OF DISEASES

##### Affections of the Conjunctiva

Conjunctivitis, Acute Catarrhal .....	27
Conjunctivitis, Chronic Catarrhal .....	13
Conjunctivitis, Follicular .....	2
Conjunctivitis, Granular (Trachoma) .....	1
Conjunctivitis, Purulent .....	7
Conjunctivitis, Poison by Rhus Toxicodendron.....	1
Conjunctivitis, Traumatic .....	2
Burn of Conjunctiva by lime .....	1
Foreign Bodies in Cul-de-sac .....	1
Pterygium .....	2
Pterygium, False .....	3
Subconjunctival Hemorrhage .....	3

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63

##### Affections of the Conjunctiva and Cornea

Phlyctenular Ophthalmia .....	17
-------------------------------	----

Affections of the Cornea

Foreign Bodies in Cornea .....	7
Facets in Cornea .....	1
Keratitis, Interstitial .....	3
Keratitis, Traumatic .....	1
Keratitis, Ulcerous .....	12
Leucoma, Adherent .....	6
Macula of Cornea .....	1
Nebulous Cornea .....	3
Wound of Cornea .....	1
	<hr/>
	35

Affections of the Uveal Tract

Glaucoma, Chronic .....	7
Gumma of Iris .....	1
Iritis, Acute Plastic .....	29
Iritis, Old, with Adhesions .....	5
Iridocyclitis .....	1
	<hr/>
	43

Affections of the Choroid, Optic Nerve and Retina

Chroiditis, Disseminated .....	1
Optic Nerve, Atrophy of .....	5
Optic Nerve, Neuritis of .....	1
Retinitis, Pigmentosa .....	1
	<hr/>
	8

Affections of the Lens

Cataract, Consecutive .....	1
Cataract, Senile .....	11
Cataract, Traumatic .....	1
	<hr/>
	13

Amblyopia

Tobacco Amblyopia .....	4
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Errors of Refraction

Hyperopia .....	33
Myopia .....	1
Myopic Astigmatism .....	0
	<hr/>
	34

**Anomalies of Accommodation**

Asthenopia .....	7
Presbyopia .....	3
	<hr/>
	10

**Affections of the Muscles and Nerves**

Ocular Neuralgia .....	3
Ptosis and Paralysis of External Rectus .....	1

**Affections of the Eye Lids**

Blepharitis, Marginal .....	2
Chalazion .....	27
Contusion of Lid .....	4
Eczema of Lids .....	3
Exophthalmus .....	2
Edema of Lids .....	2
Hordeolum .....	3
Sting of Lid .....	1
	<hr/>
	44

**Affections of the Sclera**

Episcleritis .....	5
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**Affections of the Eye Ball**

Buthalmus .....	1
Contusion of Ball .....	4
	<hr/>
	5
Not classed .....	2
Transferred .....	2

Charleston, S. C., January 1, 1917.

The Tuberculosis Department of the Shirras Dispensary begs to submit the following report:

This department has been open regularly each week throughout the year. The attendance has been extremely small and very few take advantage of this admirable charity. The following work has been done since the last report:

Total number of patients .....	28
Total number of office visits .....	76
Males, white .....	3
Females, white .....	3
Males, colored .....	8
Females, colored .....	14
	<hr/>
	28

The greater part of these cases came simply for diagnosis and proved not to be tubercular. There were not more than six cases of true tuberculosis found.

Respectfully submitted,

JOHN L. DAWSON, M. D.,  
*Physician in Charge.*

## SHIRRAS DISPENSARY, SURGICAL DEPARTMENT, 1916

Prostatitis .....			1	
Syphilis .....	3		10	21
Stricture, Urethra .....			2	
Vitaligo .....				1
Hemorrhoids .....			2	
Contusion .....	1		3	
Acne .....			1	
Gonorrhea .....	2		4	
Abscess in Breast .....				2
Varicocele .....	1			
Adenitis, Cervical .....			1	4
Rheumatism .....	0	0	2	4
Stone in Bladder .....				1
Elephantiasis, lower Leg .....		1		
Ulcer on Legs .....				2
Cystitis .....	1			1
Bubo .....			3	
Dermatitis .....			1	2
Undiagnosed .....			6	4
	8	1	42	42

Total Patients ..... 93

Total Visits ..... 175

Respectfully submitted,

G. FLEMING McINNES.

Charleston, S. C., January 1, 1917.

To the Board of Trustees, Shirras Dispensary,  
City.

Gentlemen:

I beg to submit my annual report of work done in the Department of Diseases of Children during the year 1915.

#### DISEASES TREATED

Cervical Adenitis	Measles
Ilio Colitis	Ring Worm
Bronchitis	Endocarditis
Colic	Mastitis
Pertussis	Itch
Intestinal Worms	Syphilis
Rheumatism	Anaemia
Eczema	Diphtheria
Impetigo Contagiosa	Sitiligo
Dysentery	Vitiligo
Teething	Grippe
Constipation	Pemphigus
Number cases treated—White .....	3
Number cases treated—Black .....	88
Total.....	91
Number of visits to Dispensary .....	143

Respectfully submitted,

EDWARD RUTLEDGE, M. D.,  
*In Charge of the Department.*

Charleston, S. C., January 2, 1917.

*To the Board of Trustees, Shirras Dispensary,  
Charleston, S. C.*

*Gentlemen:*

I beg leave to submit the annual report of the Gynecological Department for the year 1916.

Total number of patients.....	210
White .....	1
Colored .....	209
	— 210
Total number of visits.....	359

Under the list of diseases treated you will note that the chief complaint or disease is listed; as often these patients have more than one condition or disease as a sequel to the chief disease.



Diseases treated at Gynaecological Department, Shirras Dispensary, 1916:

Abscess, vulvar .....	2	Menses suppressed .....	1
Abortion, acute .....	1	Malaria .....	2
Amenorrhoea .....	1	Mastitis .....	1
Arterio Sclerosis .....	1	Menopause .....	7
Cancer of Uterus .....	2	Menorrhagia .....	5
Chanchroids .....	1	Metrorrhagia .....	10
Cervix, lacerated .....	1	Nephritis .....	2
Constipation .....	9	Neuralgia .....	1
Chlorosis .....	2	Ophoritis .....	3
Cystitis, chronic .....	3	Pregnancy .....	26
Chronic Valvular disease of the Heart .....	3	Pleurisy .....	1
Dysmenorrhoea .....	14	Prolapse of Uterus .....	2
Dysentery .....	1	Rheumatism .....	1
Endometritis .....	12	Salpingitis .....	31
Facial Paralysis .....	1	Sciatica .....	2
Gastritis, chronic .....	4	Sterility .....	1
Gonorrhoea .....	20	Syphilis .....	15
Gonorrhoeal rheumatism .....	1	Tuberculosis .....	2
Hemorrhoids, external .....	5	Uterus retroversion .....	9
Laceration of Perineum.....	2	Vaginitis .....	1
Lumbago .....	1	Total.....	210

Respectfully submitted,

J. SUMTER RHAME, M. D.,  
*Gynecologist in Charge.*

INDUSTRIAL SCHOOL FOR COLORED ORPHANS

March 13, 1917.

*The Honorable Mayor and City Council,  
of Charleston, S. C.*

*Gentlemen:*

I attach the report and financial statement of the Orphan Aid Society for the year 1916. The appropriation of \$2,500.00, which the City Council made this Board, was turned over to the Orphan Aid Society, commonly known as the "Jenkins Orphanage," as the members of the Board believe that by so doing, they carry out the wishes of the City Council. They believe that this institution is doing a very useful work, and one which the public should liberally support. It feeds, clothes, and houses about two hundred negro children in Charleston, and in the Reformatory at Ladson, who otherwise would be under nobody's care or supervision, and who, without proper training, would become a burden and menace to the community.

It is the only orphanage for colored children in the City of Charleston and probably in the State. The annexed statement shows the cost of maintenance. Considering the public nature of the work done by the Orphan Aid Society, the Board has asked for a contribution from the City of Charleston for this year of five thousand dollars.

Yours very truly, \*

FRANK R. FROST,  
*Chairman.*

TWENTY-SIXTH ANNUAL REPORT OF THE  
JENKINS ORPHANAGE AND  
REFORMATORY

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Charleston, S. C., January 1, 1917.

*To the Honorable Commissioners of City Council,  
Mr. F. R. Frost, Chairman.*

*Gentlemen:*

December 11-17, 1916, we celebrated our twenty-fifth anniversary. We are grateful to God, to you, the many friends in Charleston and to those north, east and west; especially Mr. Walter C. Scott, and the readers of "The New York Weekly Witness" and "Sabbath Reading," for their co-operation, help, counsel and encouragement given our institution. It was that roll of charitably-inclined and friends to the oppressed negro boy and girl left on the cold charity of the world that enabled us to have trained and sent out three thousand one hundred and fifty-one boys and girls now scattered in all portions of this country making good as honorable and industrious citizens.

The number of children and inmates reported, 202, although we started out to care for not more than 125 boys and girls. At times we had many more than this number and at times less, as they would go and come. Had we received every applicant we would have had over 600. This is the hard part of it; so many people claiming to be worthy and in dire need, and unless one is adapted to the work of charity in its entirety, he is more than apt to make a mistake and do more harm than good.

We have no comment whatever to make on our report,

except to say thank God for success. It stands out and speaks for us. We have made great improvement this year. Our outstanding debts at the close of 1915 were more than \$2,000.00; today they are \$800.00, and with the balance as shown on the report the amount would be considerably cut down. At any rate it will not take less than \$20,000.00 to run the institution this year; and we are of the opinion that City Council should take over the work and relieve a poor humble preacher who has given twenty-five years of his life in work and sacrifices.

We hereunto append statement of receipts and disbursements.

#### ORPHAN AID SOCIETY

#### STATEMENT OF RECEIPTS AND DISBURSEMENTS FROM JANUARY 1, 1916, TO DECEMBER 31, 1916.

1916.

#### Receipts

Jan. 1. By Balance per Statement rendered to		
December 31, 1916 .....	\$	130.84
By Cash received from January 1, 1916, to		
December 31, 1916—		
From Charleston Messenger .....		1,885.06
From Donations, Northern & F.....	\$	7,131.73
From Donations, Southern:		
City Council, Charleston .....	2,500.00	
Other Sources .....	1,641.63	
		<hr/> 11,273.36
From School contributions .....		579.95
From Fair and Entertainments .....		588.99
From Band .....		4,896.59
From Ind. Farm and Reformatory.....		844.81
From Rents, Cromwell Alley and Sey-		
mour Lot .....		1,228.75
From Bills Payable .....		657.98
From Transfer, Special Deposit .....		500.00
From Interest on Special Deposit.....		13.41
From Shoe Repair Department .....		298.32
		<hr/> \$22,898.06

Disbursements

To Cash paid from January 1, 1916, to December 31, 1916—

For Acct. Charleston Messenger.....	\$ 1,383.19
For Sundry House Expenses .....	3,902.28
For Printing .....	369.60
For Salary and Wages .....	5,370.24
For Ind. Farm and Reformatory.....	3,903.90
For Bills Payable .....	773.46
For Repairs and Improvements .....	1,978.93
Fire and Life Insurance .....	540.73
For Railroad Fares .....	1,151.15
For School .....	197.72
For Fair and Entertainments .....	124.98
For Band .....	526.92
For Interest .....	3.55
For Bank Collection Charges .....	9.05
For Transfer, Special Department.....	613.41
For Taxes .....	141.68
For Cromwell Alley:	
Account Purchase .....	975.75
Account Interest .....	74.86
Account Dirt filling .....	34.00
For Shoe Repair Department .....	230.41
For Postage .....	340.82
	<hr/>
	22,646.63

Jan. 1. Leaving a Balance of ..... \$ 251.43

Distributed as follows:

Cash on hand .....	\$ 74.07
Deposited in Carolina Savings Bank .....	177.36
	<hr/>
	\$ 251.43

Special Reserve Deposit, Carolina Savings Bank..... 268.99

All of which is respectfully submitted,

D. J. JENKINS, President.

E. C. JENKINS, Secretary.

I certify that the above is a correct exhibit from the books of said Society, December 31, 1916.

J. C. DILLINGHAM,

Auditor.

## COMMISSIONERS OF PUBLIC LANDS

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Charleston, S. C., December 31, 1916.

*To His Honor Mayor Hyde  
and Members of City Council.*

*Gentlemen:*

I have the honor to present to you my fourth annual report as Chairman of the Board of Commissioners of Public Lands, in whose custody is the management of the Ashley River Asylum, "Old Folks Home," and also the burial of the pauper dead in what is known as "Potter's Field," for the year 1916.

I am pleased to state the buildings and grounds have been kept in first-class condition, needed improvements have been made, as well as repairs to the buildings. I regret to state that on the morning of December 10th, at 10:25, the building known as the "dead house" was consumed by fire and the loss was adjusted by the insurance companies as a total loss, the insurance on building amounted to \$150.00. Had there been water upon the grounds this property might have been saved and the necessity to have water is most apparent, and has been called to the attention of Council in several letters written by the secretary and treasurer of this Board. The services of both the steward and matron have continued with us and they have fulfilled their duties entirely satisfactory to the Board. The dispensary physicians have responded promptly when called upon.

I beg to call to the attention of your Honorable Body that in the year 1916, 314 bodies have been interred, and

the grounds are rapidly filling up and before long other and more suitable ground will have to be provided; the attention of previous Council has been called to this important matter.

It gives me great pleasure to commend the services of the Secretary and Treasurer, who has been most painstaking and economical in the management of the finances of the institution.

Extracts from Steward's report will show admissions, deaths, etc., during the year:

Number admitted .....	29
Died .....	6
Sent to Roper Hospital .....	12
Inmates in Home .....	50
Average number of inmates.....	49

Interment in public grounds:

Whites .....	4
Colored .....	314
	<hr/>
	318

I submit the annual report of the Secretary and Treasurer of the Board, giving receipts and expenditures as attached.

Respectfully submitted,  
M. V. HASELDEN,  
*Chairman, C. P. L.*

Charleston, S. C., December 31, 1916.

*To the Board of Commissioners of Public Lands.*

*Gentlemen:*

I herewith hand you my report of the financial condition of the Ashley River Asylum for the year ending December 31, 1916:

To appropriation .....	\$ 5,000.00
By amount expended as per monthly returns to City Council .....	\$ 3,742.87
By salaries .....	1,203.96
	<hr/> 4,946.83
Balance with City Treasurer .....	\$ 53.17

Officially I beg to report to the Board that I collected the following amounts and placed same to the credit of this Board with the City Treasurer:

For rent of farm.....	\$100.00
For interment fees .....	6.40
	<hr/> \$ 106.40

Respectfully submitted,

A. MARION STONE,  
*Secretary and Treasurer, C. P. L.*



# Management of Convicts

REPORT OF THE COMMISSIONERS FOR THE  
MANAGEMENT, CARE AND CUSTODY  
OF CONVICTS

Charleston, S. C., January 5, 1917.

*To the Honorable the Mayor  
and City Council of Charleston, S. C.*

*Gentlemen:*

We beg to submit the annexed report of the Commissioners for the Management, Care and Custody of Convicts for the year ending December 31, 1916.

The number of prisoners received during the year was :

Recorder's Court .....	314
Magistrate's Court .....	20
Total.....	334

Divided as follows:

Colored .....	334
White .....	0
Total.....	334

Average number of prisoners per diem .....	17
Largest number on any one day .....	25
Smallest number on any one day .....	12
Average number sick per diem .....	2
Died .....	0
Escaped .....	1

Terms of sentence varied from five to thirty days.

No females were received during the year.

The health of the prisoners has been good.

## LOCATION AND CHARACTER OF WORK

## JANUARY

One gang working in Hampton Park. Balance divided, working Cooper, Lee, Harris, Rumley streets. Grading, under directions of Mr. Dingle, City Engineer, and Mr. Croghan, Superintendent of Parks.

## FEBRUARY

Grading Fishburne, Carolina, Perry streets to February 8th. From 8th, working in Hampton Park, cutting roads, digging holes and removing trees. Ordered there by Mr. Dingle, City Engineer.

## MARCH

Filling sidewalks on Tradd Street. Working at Police Station. Working on streets west end of city, near Tradd Street, etc. Under instructions of Mr. Dingle, City Engineer.

## APRIL

Working in Rose Garden; grading also in Halsey and Bennett streets, Mitchell School grounds, etc. Under instructions of Mr. Dingle, City Engineer.

## MAY

Working Halsey, Bennett, Gadsden streets. Grading and leveling off brick-bats and covering same, also working on Rose Garden, grading and filling in sidewalks, under instructions of Mr. Dingle, City Engineer.

## JUNE

Working Rutledge Avenue south of Tradd Street, also Rutledge above Cleveland, grading and cleaning streets; also working in Hampton Park, cleaning out Sunken Garden and unloading shell at foot of Spring Street, under instructions of Mr. Dingle, City Engineer.

## JULY

Hampton Park, working in Sunken Garden; Gadsden Street, dump, leveling off same. Cleveland Street, cracking rocks and filling in roads. Also working in Ashley Avenue and Broad Street, cutting and cleaning grass, etc. Under instructions of Mr. Dingle, City Engineer.

## AUGUST

Boulevard, cutting grass and filling in sidewalks, also working on Gadsden Street dump. Working at east end Calhoun Street, clearing from tidal drain to the creek, ditching out. Under instructions of Mr. Dingle, City Engineer.

## SEPTEMBER

Sumter, Carolina, Fishburne and Shepard streets, also up King Street, through Cleveland to Rutledge Avenue, to Moultrie Street, cutting grass and piling same, grading, etc. Under instructions of City Engineer.

## OCTOBER

From Moultrie to Congress Street, including all of Hampton Park Terrace, cutting grass, grading and filling in holes, under instructions of Mr. Dingle, City Engineer.

## NOVEMBER

Worked from 1st to 13th November in Hampton Park Terrace. Also working at east end Columbus Street, cutting a ditch leading from a drain to a creek. Also throwing rocks over in Boulevard. Also working on dump on west side of President Street, between Line and Bogard, etc. Under directions of Mr. Dingle, City Engineer.

## DECEMBER

Working on west side President Street, between Bogard and Line streets, on the dump. Leveling, wheeling and filling in and making room for carts to dump garbage. Under directions of Mr. Dingle, City Engineer.

## FINANCIAL STATEMENT

Appropriation .....		\$ 4,915.00
	Expenses	
Salary Superintendent .....	\$ 1,060.00	
Salary Guards .....	2,322.00	
Salary Secretary .....	300.00	
Salary for carrying meals .....	250.00	
Advertising .....	1.00	
Printing .....	4.00	
Clothing for Convicts .....	147.00	
Freight on Clothing .....	2.59	
Hauling Clothing from Railroad .....	.50	
Buttons .....	.38	
Rivets .....	1.50	
Tubs, Wash Boards, Buckets and Gun Shells....	8.75	
Four New Guns .....	74.00	
Soap .....	17.00	
Total expenses for year .....		4,188.72
Amount unexpended .....	\$	726.28

Respectfully submitted,

T. ALLEN LEGARE,

*Chairman.*

# **Report of Harbor Master**

REPORT OF HARBOR MASTER

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January, 1917.

OFFICE OF HARBOR MASTER

*To the Honorable the Mayor and the Aldermen,  
of Charleston, S. C.*

*Gentlemen:*

I have the honor to submit the accompanying report of the arrivals of vessels at this port for the year ending December 31, 1916.

Yours respectfully,

JAMES ARMSTRONG,  
*Harbor Master.*

## No. 1

MONTHS	Steamships	Barks	Schooners and Barges	Net Registered Tonnage	Nationality
January.....	57	1	11	151,902	United States
February.....	51		10	139,523	United States
March.....	52		15	141,671	United States
April.....	47		6	101,664	United States
May.....	43		16	131,731	United States
June.....	38		13	111,328	United States
July.....	42		14	124,588	United States
August.....	45		7	111,106	United States
September.....	44		11	123,805	United States
October.....	46		15	138,631	United States
November.....	52	1	14	153,011	United States
December.....	51		10	144,131	United States
Totals.....	568	2	142	1,573,091	



No. 2

MONTHS	Steamships	Ships	Net Registered Tonnage	Nationality
January.....	6	.....	15,894	British
February.....	2	.....	3,485	British
March.....	1	.....	1,946	British
April.....	6	.....	12,225	British
May.....	7	1	18,270	British
June.....	6	.....	20,699	British
July.....	13	.....	29,159	British
August.....	11	.....	27,565	British
September.....	12	.....	32,152	British
October.....	6	.....	15,213	British
November.....	7	.....	19,498	British
December.....	5	.....	17,087	British
Totals.....	82	1	213,193	

## No. 3

MONTHS	Steamships	Barks	Net Registered Tonnage	Nationality
January.....	1	.....	1,629	Norwegian
January.....	1	.....	1,187	Dutch
February.....	2	.....	2,700	Dutch
February.....	3	1	6,229	Danish
February.....	2	.....	3,824	Spanish
February.....	1	.....	2,259	Norwegian
March.....	1	1	2,967	Norwegian
March.....	.....	1	219	Danish
April.....	2	1	3,879	Norwegian
April.....	3	.....	3,742	Dutch
April.....	1	.....	1,099	Swedish
April.....	1	.....	1,202	Danish
May.....	3	.....	3,129	Swedish
May.....	1	.....	2,192	Spanish
June.....	1	.....	1,146	Dutch
June.....	1	.....	600	Cuban
June.....	1	.....	606	Norwegian
July.....	1	.....	2,002	Norwegian
July.....	1	.....	918	Dutch
July.....	1	.....	1,346	Danish
August.....	2	.....	4,501	Spanish
August.....	3	.....	3,274	Swedish
September.....	3	.....	6,079	Swedish
September.....	1	.....	1,896	Greek
September.....	1	.....	1,148	Danish
October.....	4	.....	4,584	Norwegian
October.....	2	.....	2,310	Dutch
October.....	1	.....	850	Swedish
October.....	2	.....	3,308	Spanish
October.....	1	.....	1,389	Danish
October.....	.....	1	632	Portuegese
November.....	3	.....	4,748	Dutch
November.....	3	.....	6,896	Spanish
November.....	2	.....	2,707	Norwegian
November.....	1	.....	1,346	Danish
November.....	2	.....	3,273	Swedish
December.....	1	.....	1,601	Spanish
December.....	3	.....	4,255	Dutch
December.....	1	.....	1,102	Swedish
December.....	4	.....	4,704	Danish
December.....	2	.....	4,001	Norwegian
Totals.....	70	5	107,479	

## Ordinances

## Ordinances Ratified 1916

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### AN ORDINANCE

To Amend Section 422 of the Revised Ordinances of the City of Charleston of 1903, by Providing Seven Detectives instead of Four, if so many be necessary.

Be it ordained by the Mayor and Aldermen of Charleston in City Council assembled:

Section 1.—That Section 422 of the Revised Ordinances, City of Charleston, S. C., 1903, reading as follows:

.Section 422.—The Police Force of the City of Charleston shall be composed as follows: A Captain or Chief of Police, one First Lieutenant, one Second Lieutenant, one Third Lieutenant, two Orderly Sergeants, eight duty Sergeants, eighty-five privates or regular policemen, four detectives, if so many be necessary, one of whom shall be known as Chief of Detectives, three special detectives, if the same be necessary, four doorkeepers, five drivers, if so many be necessary, and two daymen.

Be amended by striking out the words, "four detectives," and adding in lieu thereof the words "seven detectives," so that said section as amended shall read as follows:

Section 422.—The Police Force of the City of Charleston shall be composed as follows: A Captain or Chief of Police, one First Lieutenant, one Second Lieutenant, one Third Lieutenant, two Orderly Sergeants, eight duty Sergeants, eighty-five privates, or regular policemen, seven detectives, if so many be necessary, one of whom shall be known as Chief of Detectives, three special detectives, if the same be necessary, four doorkeepers, five drivers, if so many be necessary, and two daymen.

Ratified January 25, 1916.

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### AN ORDINANCE

To Amend Section 1 of an Ordinance Entitled "An Ordinance to fix

the Salary and Pay of the Force of the Police Department, by Striking out the Figures "\$1,200" after the words "Chief of Detectives per Annum," and inserting in lieu thereof the figures "\$1,500," and inserting after the words and figures "March 1, 1913" the words "provided that said salary of \$1,500 to the Chief of Detectives shall only be payable from the date of the going into effect of the Amendment to this Ordinance."

Be it ordained by the Mayor and Aldermen of the City of Charleston in City Council assembled:

Section 1.—That Section 1 of an Ordinance entitled "An Ordinance to Fix the Salary and Pay of the Force of the Police Department," be amended by inserting after the words "Chief of Detectives per annum" the figures "\$1,500" instead of the figures "\$1,200," and inserting after the words and figures "March 1, 1913" the words:

"Provided that said salary of \$1,500 to the Chief of Detectives shall only be payable from the date of the going into effect of the amendment to this Ordinance," so that said Section 1 of said Ordinance shall read as follows:

"Section 1.—That the annual salary and pay of the Police Department shall be as follows, from March 1, 1913: Provided that said salary of \$1,500 to the Chief of Detectives shall only be payable from the date of the going into effect of the amendment to this Ordinance.

Chief, per annum .....	\$2,300.00
First Lieutenant, per annum .....	1,500.00
Second Lieutenant, per annum .....	1,400.00
Third Lieutenant, per annum .....	1,400.00
Clerk, per annum .....	1,200.00
Orderly Sergeant, per annum .....	1,200.00
Chief of Detectives, per annum .....	1,500.00

All privates and Acting Sergeants for the first year of service in the Police Department shall receive (\$75 per month) \$900 per annum.

For the next three years of service (\$80 per month) \$960 per annum.

For the next five years of service (\$83.33 per month) \$1,000 per annum.

For the tenth year and thereafter (\$85 per month) \$1,020 per annum.

Detectives and Sergeants to be graded as above with 10 per cent. of respective amounts added thereto, computed upon total actual service.

Doorkeepers, per annum .....	\$660.00
Daymen, per annum .....	500.00
Drivers, per annum .....	500.00
Stable Foreman, per annum .....	720.00
Chauffeur, per annum .....	600.00

Ratified January 25, 1916.

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AN ORDINANCE

To Prohibit the Unlawful Practice of Medicine or Surgery or any Branch or Specialty of the Same in the City of Charleston.

Be it ordained by the Mayor and Aldermen of Charleston in City Council assembled:

Section 1. It shall be unlawful for any person or persons to practice medicine or surgery or any branch or specialty of the same in the City of Charleston, without a certificate from the State Board of Medical Examiners.

Section 2. That any person shall be regarded as practicing medicine or surgery within the meaning of this ordinance who shall treat, operate on, or prescribe for any physical ailment of another; but nothing in this ordinance shall be construed to prohibit service in cases of emergency or domestic administration of family remedies.

Section 3. That anyone violating the provisions of this ordinance shall be deemed guilty of a misdemeanor and for each offense shall be fined not less than \$50, nor more than \$100, or be imprisoned for a period of not less than 15 days, nor more than 30 days, or both.

Ratified February 23, 1916.

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AN ORDINANCE

To Amend an Ordinance Entitled "An Ordinance to Regulate the

**Use of the Streets of the City of Charleston by Vehicles."**

Be it ordained by the Mayor and Aldermen of Charleston, in City Council assembled, that an Ordinance entitled "An Ordinance to Regulate the Use of the Streets of the City of Charleston by Vehicles," be, and the same is hereby, amended in the following particulars, to wit:

By inserting in lieu of the present Section 3 of said ordinance, the following: "Any vehicle on overtaking any other than a street car, shall pass to the left except on such streets that are too narrow. Street cars must be passed to the right. All vehicles on approaching a street car from the rear that has stopped to take on or let off passengers, must come to a stand-still not nearer than five feet to the said car. Passengers alighting from street cars shall proceed directly to the right curb.

By inserting at the end of Section 8 the following words: "Except on narrow streets where there is not sufficient space between car tracks and right curb to allow vehicles to pass approaching street cars to right, when it shall be permissible for vehicles to stop at left curb until street car has passed."

By omitting from Section 11 the words "stop or" and adding the words: "No vehicle shall stand within forty feet of any hydrant on any street."

By omitting from Section 15, between the word "having," on first line of said section, and the word "car," on the second line of said section, the word "no."

By inserting in Section 16, in place of the word "automobile," between the word "no" and the word "shall," the word "vehicle."

By inserting in lieu of the present Section 18 the following Section 18: "Drivers of all vehicles shall observe signals of traffic officers at intersecting streets."

By inserting in Section 21, on line five, after the word "traffic," and before the word "when," the following: "and such other places and streets as may be necessary."

By adding to Section 23, at the end thereof, the following "Provided, however, that it shall not be necessary to show the lights while the automobile or motor vehicle is stationary in a street sufficiently illuminated, or where such automobile or motor vehicle is parked in front of a well lighted place, so as to be clearly visible at a distance of two hundred feet."

By striking out of Section 27 the words "by the City Treasurer," and inserting in lieu thereof the words "in the office of record as required by law," and by striking out the word "red," on the last line of said section, and inserting the word "green," and the following words: "and; in case of sale or disposition of such automobile, until the name of the person or persons to whom it is

sold or disposed of, is entered in the office of record, the original owner or owners shall be held responsible."

By inserting in lieu of the present Section 31 the following Section 31:

"Each person before driving a car, must first obtain a certificate from the Police Department, which certificate shall be dependent upon a knowledge of the Ordinance relating to automobiles and demonstration of skill in handling an automobile; and the Chief of Police is authorized to appoint an examining board, consisting of three members, who shall determine the eligibility of the applicant, which applicant shall not be under 16 years of age, and upon their recommendation, shall grant a certificate; upon the presentation of which certificate to the City Treasurer, and upon the payment of one dollar, a license shall be issued. Said license may be suspended or withdrawn at the pleasure of the Chief of Police, with the consent of the Mayor. The Examining Board shall serve without pay; provided, this section shall not apply to visiting vehicles not used for hire and remaining continuously for a period of not more than ten days, who publicly show evidence of the fact that the owner has complied with the law as to registration in his home county or State."

By adding the following new sections to said Ordinance, known as Sections 32, 33, 34, 35, 36, 37, 38 and 39, and reading as follows:

Section 32. No high power or glaring headlights shall be used on streets within the city limits south of Line street.

Section 33. All fruit stands and news vendors' wagons and stands at street intersections must move back ten feet or more, so as not to block full turning radius of vehicles turning to the left around center line of street intersections, but no news or fruit stand shall be located on a street traversed by car tracks; provided that the fruit stands and news vendors' wagons and stands shall be of no larger dimensions than three feet by ten feet, and the said wagons and stands shall be placed lengthwise with the curb of the street on which they are located, and as close to the curbing as possible.

Section 34. Drivers must indicate intention to make turn to the left either at intersections or other open turning places in streets by visible signal with hand or whip, pointing diagonally downward.

Section 35. Manufacturers' and dealers' automobiles, except those for personal use or for hire, shall be designated by a plainly



visible sign on rear of car, marked "Demonstrator," with the authorized number.

Section 36. All foreign cars licensed in accordance with the laws of this and other States, and showing such license number, shall be exempt from local registration up to the time of the expiration of their home license.

Section 37. All vehicles having another in tow must display a red flag in the daytime and a red light at night, both front and rear, and tow line must not exceed thirty feet in length.

Section 38. Every garage shall be required to furnish a copy of this Ordinance to all purchasers of automobiles, and shall also furnish to the proper officer of record the names of all purchasers and the manufacturers' number of car.

Section 39. No vehicle shall take on or discharge passengers except at the right-hand curb.

And by changing the present numbering of Section 32 to "Section 40," to make it conform to the numbering of the amended Ordinance.

And by changing the numbering of Section 33 to "Section 41," so as to make it conform to the numbering of the amended Ordinance, and so that said Ordinance, as amended, shall read as follows:

Be it ordained by the Mayor and Aldermen of Charleston, in City Council assembled:

Section 1. All vehicles shall keep to the right of the center of all streets.

Section 2. All vehicles meeting shall pass each other to the right.

Section 3. Any vehicle in overtaking any other than a street car shall pass to the left, except on such streets that are too narrow. Street cars must be passed to the right. All vehicles on approaching a street car from the rear that has stopped to take on or let off passengers, must come to a standstill not nearer than five feet to the said car. Passengers alighting from the street cars shall proceed directly to the right curb.

Section 4. All vehicles turning to the right into another street shall turn the corner as near the curb as practicable.

Section 5. All vehicles turning to the left into another street shall pass to the right of the center of said street before turning.

Section 6. All vehicles crossing from one side of a street to the other between corners shall do so by turning to the left, so as to head in the same direction as the traffic on that side of the street.

Section 7. The driver, or any person having charge of any vehicle, before turning the corner of any street, or turning out of, or starting from, or stopping at the curb line of any street, shall first see that there is sufficient space free from other vehicles so that such turn, stop or start may be safely made, and shall then give, if necessary, a plainly visible or audible signal indicating his intention, such as raising the hand or making some vocal or mechanical sound.

Section 8. No vehicle shall stop with its left side to the curb of any street in the city except on narrow streets where there is not sufficient space between car tracks and right curb to allow vehicles to pass approaching street cars to right, when it shall be permissible for vehicles to stop at left curb until street car has passed.

Section 9. In no case shall any vehicle remain backed up to curb, except when actually loading or unloading.

Section 10. Unless in an emergency, or to allow another vehicle or pedestrian to cross its path, no vehicle shall stop in any block or any street of the city where business houses are located, unless both right wheels shall be close to the curb line.

Section 11. No vehicle shall stand within the intersection of any street. No vehicle shall stand within forty feet of any fire hydrant on any street.

Section 12. The officers and men of the Fire Department, with their fire apparatus of all kinds, while in the performance of their duty; all ambulances, traffic emergency repair and the officers and men and vehicles of the Police Department have the right of way in any street and through any procession, except over vehicles carrying United States mail. No one shall drive an automobile or vehicle and use for signal or alarm purposes a siren horn, either electric or mechanical, other than the fire and police departments.

Section 13. The driver of a vehicle on the approach of a fire engine or other fire apparatus shall immediately draw up said

vehicle as near as practicable to the right hand curb, and parallel thereto, and bring it to a standstill. The motormen of a street car shall immediately stop such car, and keep it stationary, at the approach of a fire engine or other fire apparatus.

Section 14. In slowing up or stopping a signal shall always be given to any vehicle behind by raising the whip or hand vertically.

Section 15. All vehicles moving slowly along the streets having car tracks thereon shall keep as close as practicable to the curb line where car tracks will permit, so as to allow faster moving vehicles free passage on the left hand side.

Section 16. No automobile shall back to make a turn in any street if by doing so it interferes with other vehicles, but shall go around the block or to a street sufficiently wide to turn in without backing. No vehicle shall turn on King street between Broad and Calhoun.

Section 17. The driver of any vehicle proceeding on the railway track in front of a street car shall immediately turn out upon the signal from the motorman or conductor of the street car, but this section shall not relieve any street car company of the exercise of the care and diligence now required by law.

Section 18. Drivers of all vehicles shall observe signals of traffic officers at intersecting streets.

Section 19. All vehicles must stop when directed to do so by the police, and upon signal from the police shall move on.

Section 20. Nothing contained herein or omitted herefrom shall be construed or allowed to relieve any person using or traveling, or being on any street for any purpose whatsoever, from exercising all reasonable care to avoid or prevent injury through collision with all other persons or vehicles.

Section 21. The Chief of Police, with the approval of the Mayor, is hereby authorized and empowered to make and enforce special regulations between Broad and Line streets on King and Meeting streets, and on East Bay street, between Broad and Market streets, and steamboat and steamship landings, in regard to traffic, and such other places and streets as may be necessary when the safety and convenience of the public is best subserved thereby, and the public notified.

Section 22. No vehicle shall be allowed to remain upon, when

not in use, or to be driven through, any street of the City of Charleston so as to blockade or obstruct traffic of any street.

Section 23. All automobile or motor cars shall be equipped with one good horn, gong or bell, and shall show between the period of one hour after sunset and one hour before sunrise two lamps showing white lights, visible at a distance of three hundred feet ahead, and shall show to the rear red lights, either by separate lamp or in combination with the front light or lights, such light to be unobstructed by any portion of the vehicle from behind. Motorcycles and bicycles must be equipped with a horn or bell and one good headlight; carriages must be equipped with two good headlights; wagons and other vehicles with one good white light, except one-horse trucks: Provided, however, that it shall not be necessary to show the lights while the automobile or motor vehicle is stationary in a street sufficiently illuminated, or where such automobile or motor vehicle is parked in front of a well lighted place so as to be clearly visible at a distance of two hundred feet.

Section 24. It shall be unlawful for anyone to run, or cause to be run, any automobile or other conveyance aforesaid on the streets of Charleston at a greater speed than fifteen miles per hour, except on King street, between Broad and Line streets, between which points a speed not greater than ten miles per hour shall be lawful. No vehicle shall cross any street or avenue running north and south, east or west, or make any turn at a speed rate exceeding six miles per hour. All vehicles running north and south shall have a right of way over vehicles running east and west. This section does not refer to fire, police, hospital or emergency repair apparatus or physicians answering an emergency call. Speed in excess of these regulations shall be regarded as *prima facie* evidence of reckless driving. In case of accident the fact that a vehicle was being driven at the rate of speed specified in the Ordinance shall raise no presumption in favor of the driver that he was driving in a careful and prudent manner.

Section 25. All automobiles or motor vehicles for hire shall be subject to the same license charges and regulations now in force, or that may be hereafter provided for the regulation of hacks, cabs and other vehicles soliciting business and patronage on the streets of the city.

Section 26. It shall be unlawful for any person or persons to run, or cause to be run, any automobile or conveyance of a similar character in, on, over or upon the streets of the City of Charleston unless said automobile or conveyance shall be licensed and

numbered, equipped and run, managed or controlled as hereinafter provided.

Section 27. All automobiles and conveyances of a similar character shall, by the owner or person having the same in his custody or management, be entered in a book kept for that purpose in the office of record as required by law, showing the name of the manufacturer, horse power, seating capacity, kind of motive power used and owner or person having the same in his custody or management, and said automobile shall then be numbered, and such number shall be hung from the said automobile or conveyance so as to be plainly visible from the rear, both day and night, affixed, stamped on the same in figures not less than three inches in height and two inches in width for each numeral, before said automobile or conveyance shall be run or caused to be run as provided in section herein, and physicians' vehicles shall be further designated by a green cross, and in case of the sale or disposition of such automobile, until the name of the person or persons to whom it is sold or disposed of, is entered in the office of record, the original owner or owners shall be held responsible.

Section 28. Every person driving an automobile or motor vehicle shall, at the request or signal, by putting up the hand, of any person or persons driving or riding a restive horse, or horses, or driving a domestic animal, or animals, cause such automobile or motor vehicle to immediately stop and remain stationary as long as may be necessary to allow said horse or horses, or domestic animal or animals, to pass.

Section 29. All automobiles and motorcycles must be equipped with a muffler of proper size so as to silence the exhaust emanating from automobile or gas engine. Muffler cut-outs will not be permitted within the city limits, except in a public garage for repair or testing purposes only. Dense smoke from motors is also prohibited.

Section 30. Definitions: The following terms whenever used hereafter or herein, except as otherwise specifically indicated, shall be defined to have, and shall be held to include each of the meanings hereinbefore respectively set forth, and any such terms used in the singular number shall be held to include the plural:

Street—Every avenue, boulevard, highway, roadway, lane, alley, path, square and place used by or laid out for the use of vehicles.

Roadway—That portion of any street which is included between the curb or curb line thereof, and is designated for the use of vehicles.

**Curbing**—The lateral boundaries of that portion of the street designed for the use of vehicles, whether marked by curb stones or not so marked.

**Vehicle**—Every automobile, motor car, motor wagon, carriage, buggy, omnibus, wagon, push cart, bicycle, motor bicycle and other conveyance, (except baby carriages), in whatever or by whatever force or power the same may be driven, ridden or propelled, which is or may be used for, or adapted to, pleasure riding, or the transportation of passengers, baggage or merchandise upon the streets, and every draft and riding animal, whether ridden, driven or led, shall constitute a vehicle.

Section 31. Each person, before driving a car, must first obtain a certificate from the Police Department, which certificate shall be dependent upon a knowledge of the Ordinance relating to automobiles and demonstration of skill in handling an automobile, and the Chief of Police is authorized to appoint an examining board, consisting of three members, who shall determine the eligibility of the applicant, which applicant shall not be under 16 years of age, and upon their recommendation shall grant a certificate; upon the presentation of which certificate to the City Treasurer, and upon the payment of one dollar, a license shall be issued. Said license may be suspended or withdrawn at the pleasure of the Chief of Police with the consent of the Mayor. The Examining Board shall serve without pay: Provided this section shall not apply to visiting vehicles not used for hire and remaining continuously for a period of not more than ten days, who publicly show evidence of the fact that the owner has complied with the law as to registration in his home county or State.

Section 32. No high power or glaring headlights shall be used on streets within the city limits south of Line street.

Section 33. All fruit stands and news vendors' wagons and stands at street intersections must move back ten or more feet, so as not to block full turning radius of vehicles turning to the left around center line of street intersections, but no news or fruit stand shall be located on a street traversed by car tracks: Provided, that the fruit stands and news vendors' wagons and stands shall be of no larger dimensions than three feet by ten feet, and the said wagons and stands shall be placed lengthwise with the curb of the street on which they are located and as close to the curbing as possible.

Section 34. Drivers must indicate intention to make turn to the left either at intersections or other open turning places in

streets by visible signal with hand or whip, pointing diagonally downward.

Section 35. Manufacturers' and dealers' automobiles, except those for personal use or for hire, shall be designated by a plainly visible sign on rear of car, marked "Demonstrator," with the authorized number.

Section 36. All foreign cars licensed in accordance with the laws of this and other States, and showing such license number, shall be exempt from local registration up to the time of the expiration of their home license.

Section 37. All vehicles having another in tow must display a red flag in the daytime and a red light at night, both front and rear, and tow line must not exceed thirty feet in length.

Section 38. Every garage shall be required to furnish a copy of this Ordinance to all purchasers of automobiles, and shall also furnish to the proper office of record the name of all purchasers and the manufacturer's number of car.

Section 39. No vehicle shall take on or discharge passengers except at right-hand curb.

Section 40. Any person violating any regulation or provision of the foregoing sections of this Ordinance shall, upon conviction thereof, be punished by a fine of not exceeding twenty-five (25) dollars, or imprisonment for not exceeding thirty (30) days for each offense.

Section 41. This Ordinance shall take effect immediately upon its ratification.

Ratified April 11, 1916.

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#### AN ORDINANCE

To Provide for the Assessment of an Amount Equal to One (1) Per Cent of the Salary Drawn by Every Member of the Fire Department, to be Paid to the Treasurer of the Firemen's Insurance and Inspection Fund; for the Payment of all Forfeitures and Fines Imposed by the Board of Fire Masters to Said Treasurer and for the Disposition of Same.

Whereas, the members of the Charleston Fire Department have petitioned the Chairman and members of the Board of Fire Masters that an Ordinance be adopted by the City Council of Charleston providing that each member of the Fire Department be assessed each year an amount equal to One (1) per cent of the salary drawn by each member, said sum to be paid over to the Trustees of the Firemen's Insurance and Inspection Fund. And,

Whereas, it is desired that all forfeitures and fines imposed by the Board of Fire Masters be also paid over to the Treasurer of said Firemen's Insurance and Inspection Fund.

Now, be it ordained by the Mayor and Aldermen of Charleston, in City Council assembled:

Section 1. That from and after the ratification of this Ordinance, every member of the Charleston Fire Department shall be assessed each year, an amount equal to one (1) per cent of the salary drawn by him, which said sum shall be deducted bi-monthly by the City Treasurer from the salary of each and every member of the Fire Department.

Section 2. That the City Treasurer is hereby authorized, empowered and directed to deduct the said one (1) per cent of the said salaries as aforesaid, and to pay the same forthwith to the Treasurer of the Firemen's Insurance and Inspection Fund, to be by him placed to the credit of the said Firemen's Insurance and Inspection Fund.

Section 3. That all forfeitures and fines imposed by the Board of Fire Masters from time to time upon any member or members of the Fire Department force, by way of discipline, shall be paid to the Treasurer of said Firemen's Insurance and Inspection Fund.

Section 4. That said funds so paid over to the Treasurer of the Firemen's Insurance and Inspection Fund, arising from the assessment of the members of the Fire Department and from fines and forfeitures imposed by the Board of Fire Masters, shall be under the control of and be disbursed by the Trustees of the Firemen's Insurance and Inspection Fund, under such rules and regulations as may be adopted by them. Provided, however, that no part of said fund arising out of the operation of this Ordinance shall be used except for the benefit of the Fire Department of the City of Charleston, or the members thereof.

Ratified April 25, 1916.



**AN ORDINANCE**

To Repeal Sections Five and Six, Class One, of an Ordinance Entitled "An Ordinance to Regulate Licenses for the Year 1916."

Be it ordained by the Mayor and Aldermen of Charleston, in City Council assembled:

Section 1. That Sections 5 and 6 of Class 1 of an Ordinance entitled "An Ordinance to Regulate Licenses for the Year 1916," reading as follows:

**"CLASS 1.**

- 5. Steam ferry boat agencies or companies, each .....\$150
- 6. Persons, firms or corporations operating motor boats carrying freight or passengers between Mount Pleasant and Charleston and Sullivan's Island, per each boat .....\$ 75

be, and the same are hereby repealed.

Ratified April 25, 1916.

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**AN ORDINANCE**

To Amend Section 5, Class 3, of an Ordinance Entitled "An Ordinance to Regulate Licenses for the Year 1916."

Be it ordained by the Mayor and Aldermen of Charleston, in City Council assembled:

Section 1. That Section 5, Class 3, of an Ordinance entitled "An Ordinance to Regulate Licenses for the Year 1916," be amended by inserting the word "not" on line 9 of said section, before the word "pass" and after the word "does," so that said section as amended shall read as follows:

"Section 5. Solicitors of life and accident insurance companies and solicitors, special agents and adjusters of fire and other insurance companies unconnected with regular licensed local agents of same or whose business does not pass through said local agent, \$300.

Ratified April 25, 1916.

AN ORDINANCE

To Amend Section 709 of the Revised Ordinances of the City of Charleston, 1903, by Inserting Between the Word "Them" and the Word "Shall," the Following: "Or Any Junk Shop Dealer Violating the Foregoing Section from 703 to 707, or any of Them," so That Said Section 709 as Amended Shall Read as Follows:

Section 709. That any Pawn Broker violating the provisions in the foregoing section or any of them, or any Junk Shop dealer violating the foregoing section from 703 to 707 or any of them, shall on conviction before the Police Court of the City of Charleston be subject to a fine not exceeding \$100 and imprisonment not to exceed 30 days, either or both in the discretion of the Court.

Ratified May 9, 1916.

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AN ORDINANCE

To Prohibit the Pouring, Spilling or Allowing to Drip Upon the Asphalt Pavement of any Street, Alley or Public Place in the City of Charleston any Kerosene, Gasoline, Benzine or Other Similar Oil or Oily Substance or Liquid.

Be it ordained by the Mayor and Aldermen of the City of Charleston, in City Council assembled:

Section 1. That no person shall pour or spill or permit to drip upon the asphalt pavement of any street, alley or public place in the City of Charleston, any kerosene, gasoline, benzine or other similar oil or oily substance or liquid: Provided, the provisions of this section shall not, however, apply to the occasional dripping of lubricating oil from either motor or other vehicles.

Section 2. Every oil or gasoline delivery wagon or tanks shall be provided with an absolutely oil or water-tight zinc-lined box or tray, and in filling any measure or other vessel from taps or faucets such measure or other vessel must be held so that any drip or overflow shall flow into said box or tray, and in removing the same from over the asphalt pavement no drip or overflow from such measure or other vessel shall be permitted to fall upon such pavement, and no receptacle for holding oil shall be placed on the asphalt pavement.

Section 3. Any person violating any of the provisions of this Ordinance shall, on conviction thereof, be punished by a fine not to exceed five dollars, or imprisonment not to exceed ten days, or both.

Ratified May 23, 1916.

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#### AN ORDINANCE

To Change the Type of the Arc Lamps Now in Use for the Lighting of the Streets of the City of Charleston.

Whereas, in the judgment of the Committee on Lighting the City, it is advisable that the present enclosed 6.6-ampere arc lamp now in use for lighting the streets of the city be replaced by a more modern lamp, and whereas, after a test extending over a period of a year, the committee has satisfied itself that what is known as the Type "C" Mazda Incandescent Lamp is an improvement on the lamp now in use, and the Charleston Consolidated Railway and Lighting Company has signified its willingness to substitute, within a period of three (3) years, Type "C" Mazda Incandescent Lamp for all of the enclosed 6.6-ampere arc lamps now in use, now

Be it ordained by the Mayor and Aldermen of Charleston, S. C., in City Council assembled:

Section 1. That hereafter all new lamps installed for street lighting shall be Type "C" Mazda Incandescent Lamps, said lamps to have an initial horizontal candle power of 600, as rated by the manufacturer, provided that incandescent lamps of less candle power may be used in such streets as may be determined from time to time by the Committee on Lighting the City; provided, further, that from time to time, with the approval of the City Council, lamps of equivalent illuminating value may be substituted for the said Type "C" Mazda Incandescent Lamp.

Section 2. That the present enclosed arc lamps now in use in the city shall be replaced within a period of three (3) years from and after the date of the passage hereof, at the rate of approximately one-third (1-3) each year by the said Type "C" Mazda Incandescent Lamps, having an initial horizontal candle power of 600 as rated by the manufacturer.

Section 3. That from and after July 1, 1912, the maximum rate charged City Council by any person, firm or corporation for fur-

nishing arc lamps to the city, or the Type "C" Mazda Incandescent Lamps herein authorized to be substituted, or such other lamp as may from time to time hereafter be substituted therefor by and with the approval of the City Council, shall be fifty-four dollars (\$54) per lamp per annum, including all necessary fixtures, globes, electric lamps, labor and material for erecting the same, and lighting, cleaning and maintaining the same.

Section 4. All parts of Ordinances in so far as they may be inconsistent with the provisions hereof are hereby repealed.

Ratified May 23, 1916.

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#### AN ORDINANCE

To Provide for the Transfer of the Account Now Carried on the Books of the City Treasurer as the "Firemen's Relief and Pension Fund," and to Authorize the City Treasurer to Open an Account on His Books Under the Title "Trustees of the Firemen's Insurance and Inspection Fund," and to Discontinue the Account Now Carried on His Books as the "Firemen's Relief and Pension Fund."

Whereas, by an Ordinance duly enacted by the City Council of Charleston, December 20th, 1904, entitled "An Ordinance Creating the Board of Trustees for Firemen's Pension Fund of Charleston, S. C., and to Provide for Pensioning Disabled and Superannuated Firemen," a fund was provided for and has been carried on the books of the City Treasurer under the title of the Firemen's Relief and Pension Fund;" and

Whereas, by an Act of the Legislature, approved the 14th day of February, A. D. 1914, a new Fund was created to be known as the "Firemen's Insurance and Inspection Fund;" and

Whereas, it is desirable to transfer the account now carried on the books of the City Treasurer as "Firemen's Relief and Pension Fund" to a new account to be known as "Trustees of the Firemen's Insurance and Inspection Fund."

Now be it ordained by the Mayor and Aldermen of Charleston, in City Council assembled, That the City Treasurer of the City of Charleston is hereby authorized to open an account on his books under the title "Trustees Firemen's Insurance and Inspection Fund," and is authorized to transfer all assets from the account now standing on his books as "Firemen's Relief and Pension

Fund" to said new account to be known as "Firemen's Insurance and Inspection Fund."

Ratified September 12, 1916.

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#### AN ORDINANCE

To Provide for the Transfer of all Funds Now in the Hands of the Board of Trustees for Firemen's Pension Fund of Charleston, S. C., to the "Board of Trustees of the Firemen's Insurance and Inspection Fund."

Whereas, by Ordinance duly enacted by the City Council of Charleston December 20th, 1904, entitled "An Ordinance Creating the Board of Trustees for Firemen's Pension Fund for Pensioning Disabled and Superannuated Firemen," a fund was provided for to be managed and controlled by and under the authority of a Board known as the "Board of Trustees of the Firemen's Pension Fund of Charleston, S. C.," and

Whereas, by an Act of the Legislature approved the 14th day of February, A. D. 1914, a new Board of Trustees was created, to be known as the "Trustees of the Firemen's Insurance and Inspection Fund;" and

Whereas, it is now desirable to transfer all funds from said "Board of Trustees for Firemen's Pension Fund of Charleston, S. C.," to the "Trustees of the Firemen's Insurance and Inspection Fund:"

Now be it ordained by the Mayor and Aldermen of Charleston, in City Council assembled, That all funds in the hands of and under the control of the Board known as the "Board of Trustees of the Firemen's Pension Fund of Charleston, S. C.," be and they are hereby transferred to the "Board of Trustees of the Firemen's Insurance and Inspection Fund."

Ratified September 12, 1916.

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#### AN ORDINANCE

To Amend Section 726 of the Revised Ordinances of 1903.

Be it ordained by the Mayor and Aldermen of the City of Charleston, in City Council assembled, That Section 726, of the Revised Ordinances of 1903, be amended by adding thereto the following words:

Provided that so much of this section as requires railroad companies whose tracks cross such streets, lanes or alleys to have at such crossings a man with a white flag by day and a man with a red light by night, shall not apply to railroad companies which have and maintain in good order at such crossings the apparatus known as "Automatic Flagman."

Ratified October 10, 1916.

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AN ORDINANCE

To Amend Section 751 of the Revised Ordinances of the City of Charleston of 1903 by Adding Thereto the Following Words:  
"Or Have in Their Possession any Lottery Tickets or Paraphernalia Pertaining to Lottery, Except for the Purpose of Procuring or Furnishing Evidence of the Violation of this Ordinance."

Be it ordained by the Mayor and Aldermen of the City of Charleston, in City Council assembled, That Section 751 of Revised Ordinances of 1903, of the City of Charleston, reading as follows:

"If any person or persons shall publicly or privately erect, set up or expose, to be played, drawn or thrown at, or shall cause to be erected, set up or exposed to be played, drawn or thrown at any lottery or anything whatsoever in the nature of a lottery or game of chance for money or any stakes whatsoever, either by dice, cards, lots, balls, numbers, figures, or tickets, or who shall make, write, print or publish, or shall cause to be made, written, printed or published, any scheme or proposal for any of the purposes aforesaid, or whoever shall sell or offer for sale any tickets, whether written or printed or otherwise, or plan by which a game of chance may be engaged in for money or any other goods whatsoever, shall, upon conviction of any portion of this section, be subject to a fine of not less than fifty dollars nor more than ninety-nine dollars, or to imprisonment not exceeding thirty days for each and every offense. That all lottery wheels, wheels of fortune and all things whatsoever used or employed in the conduct of any such lottery or games of chance, are hereby declared forfeited and shall be publicly broken to pieces and destroyed."

Be amended by adding thereto the following words after the word "publish" and before the word "any:"

'or have in their possession any lottery tickets or paraphernalia pertaining to lottery, except for the purpose of procuring or furnishing evidence of the violation of this Ordinance."

so that, as amended, said Section shall read as follows:

"Section 751. If any person or persons shall publicly or privately erect, set up or expose, to be played, drawn or thrown at, or shall cause to be erected, set up or exposed to be played, drawn or thrown at, any lottery or anything whatsoever in the nature of a lottery or game of chance for money or any stakes whatsoever, either by dice, cards, lots, balls, numbers, figures or tickets, or who shall make, write, print or publish, or shall cause to be made, written printed or published, or have in their possession any lottery tickets or paraphernalia pertaining to lottery, except for the purpose of procuring or furnishing evidence of the violation of this Ordinance, any scheme or proposal for any of the purposes aforesaid, or whosoever shall sell or offer for sale any ticket, whether written, printed or otherwise, or plan by which a game of chance may be engaged in for money or any other goods whatsoever, shall upon conviction of any portion of this section, be subject to a fine of not less than fifty dollars nor more than ninety-nine dollars, or to imprisonment not exceeding thirty days for each or every offense. That all lottery wheels, wheels of fortune, and all things whatsoever used or employed in the conduct of any such lottery or games of chance, are hereby declared forfeited and shall be publicly broken to pieces and destroyed."

Ratified October 24, 1916.

## Appendix



ACTS OF THE GENERAL ASSEMBLY AFFECTING  
THE CITY OF CHARLESTON,  
APPROVED IN 1916.

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No. 506.

**AN ACT to Amend Section One Thousand Eight Hundred and Twenty-One (1821) of Chapter XXIV of the Code of Laws of South Carolina, 1912, First Volume, in Relation to the Public School Teachers' Retirement Fund for the City of Charleston, Relating to Insufficient Funds, Etc.**

**Section 1. Deficiencies in Teachers' Annuities May Be Made Up from Current Expense Funds.**—Be it enacted by the General Assembly of the State of South Carolina: That Section one thousand eight hundred and twenty-one (1821) of Chapter XXIV of the Code of Laws of South Carolina, 1912, Volume First, be, and the same is hereby, amended by adding to the said section the following words, to wit: "Provided, however, That in case of such insufficiency, the City Board of Public School Commissioners for the city of Charleston is authorized and empowered in their discretion, to make up such insufficiency out of any funds under their control applicable to the current expenses of the schools under their charge," so that said section, when so amended, shall read as follows:

**Section 1821. If Funds Insufficient for Purpose to be Paid Out Pro Rata.**—In case the fund shall be insufficient to pay the annuities provided for in Section 1819, the Board of Trustees shall make a ratable distribution among the teachers who may be entitled to the annuities under the provisions of this article; Provided, however, That in case of such insufficiency, the City Board of Public School Commissioners for the city of Charleston is authorized and empowered in their discretion to make up such insufficiency out of any funds under their control applicable to the current expenses of the schools under their charge.

Code, 1912, Vol. I, Sec. 1821.

Approved Feb. 11, 1916.

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No. 507.

**AN ACT to Amend an Act Entitled "An Act to Provide a Special Fund for the Purchase of Property, Erection of Buildings and Their Equipment, to Provide Additional School Facilities and Increase of Teachers' Salaries and for Educational Purposes in the City of Charleston, or Any One or More of Said Purposes, and Incorporation of Boys' Night Schools," Approved the 12th**

**Day of February, A. D. 1913, Relating to Increase in the Levy of a Tax, Etc.**

....**Section 1. Tax Levy for School Purposes in Charleston Increased.**  
—Be it enacted by the General Assembly of the State of South Carolina: That Section one (1) of an Act entitled "An Act to provide a special fund for the purchase of property, erection of buildings and their equipment, to provide additional school facilities and increase of teachers' salaries and for educational purposes in the city of Charleston, or any one or more of said purposes, and incorporation of boys' night schools," approved the 12th day of February, A. D. 1913, be, and the same is hereby, amended by striking out the word "two," being the first word in line thirteen, and also the word "two," being the seventh word in the twenty-fourth line of Section 1 of said Act, and inserting in lieu thereof in each of said lines, "three," so that said first section of said Act, when so amended, shall read as follows:

"Section 1. Be it enacted by the General Assembly of the State of South Carolina: That from and immediately after the passage of this Act, in addition to the tax of two mills on the dollar now required by law to be annually levied and collected by the City Treasurer of the city of Charleston, as provided by Section 1246 of the Code of Laws of 1902, Volume I, as amended by the Act of 25th February, 1908, 25th volume, statutes S. C., pages 1042, 1043, and by Section eighteen hundred and fourteen (1814) of the first volume of the Code of Laws of 1912, the said City Treasurer of the city of Charleston shall annually (including the year 1913) levy and collect at the same time as the city taxes of said city, a tax of three mills on the dollar on all taxable property as public money protected by the official bond of the said City Treasurer, and shall be paid by the City Treasurer to the City Board of Public School Commissioners for the city of Charleston upon the warrant of the said board, and be held by the said board as a fund to be applied by said board from time to time, or at such times as said board shall deem expedient to the purchase of property and the erection, improvement or alteration of buildings and their equipment, to furnish additional school facilities and for educational purposes in the city of Charleston, on any one or more of said purposes: Provided, That of the three mills so levied, one-half ( $\frac{1}{2}$ ) mill thereof shall be applied to the increase of teachers' salaries, if so much be necessary, and if there is a balance remaining then the said balance shall be kept in a special fund to be known as the "Teachers' Salary Fund."

§ 2. **Immediately Effective.**—This Act shall take effect immediately.

Civil Code, 1902, Sec. 1246; Acts, 1908, XXV Stats., 1042; Civil Code, 1912, Vol. I, Sec. 1814; Acts, 1913, XXVIII Stats., 186.

Approved Feb. 11, 1916.

No. 582.

**AN ACT to Amend Section 1 of an Act Entitled "An Act to Create a Dock and Warehouse Commission for the County of Charleston, and to Define the Authority and Duties." Approved 23rd Day of February, A. D. 1912. Limiting Members of Said Commission to Eleven Members and Providing for Five Aldermen and Two Citizens as Members Thereof.**

**Section 1. Dock and Warehouse Commission for Charleston County Created.**—Be it enacted by the General Assembly of the State of South Carolina: That Section 1 of an Act entitled "An Act to create a Dock and Warehouse Commission for the county of Charleston and to define the authority and duties approved 23d day of February A. D. 1912, be, and the same is hereby amended to read as follows: Section 1. There shall be a Dock and Warehouse Commission for the county of Charleston consisting of eleven members as follows: The Mayor of the city of Charleston, five Aldermen and two citizens whose terms of office shall expire with the term of the Mayor appointing them, to be appointed by the Mayor and confirmed by City Council; the President of the Chamber of Commerce, the President of the Cotton Exchange, and the President of the Merchants Exchange: Provided, however, That the five Aldermen and the two citizens so nominated and confirmed shall hold office on the said commission during the term of office of the Aldermen, or until their successors shall have qualified.

Acts, 1912, XXVII Stats., 661.

Approved Feb. 14, 1916.

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No. 704.

**A JOINT RESOLUTION to Amend Section 5 Article X of the Constitution, Relating to the Limit of the Bonded Debt of School Districts, by Adding a Proviso Thereto as to the Charleston School District Comprised Within the Present Limits of the City of Charleston.**

**Section 1. Proposal for Constitutional Amendment Allowing Increase in Charleston's Bonded Indebtedness.**—Be it resolved by the General Assembly of the State of South Carolina: That the following amendment of Section 5 of Article X of the Constitution of the State of South Carolina be agreed to: Add at the end thereof the following words: "Provided, further, That the limitations imposed by this Section shall not apply to the Charleston School District, comprised within the present limits of the City of Charleston, such School District being hereby expressly authorized to vote

Bonds to an amount not exceeding Two Hundred and Fifty Thousand (\$250,000.00) Dollars, the proceeds of such Bonds to be applied solely to the erection and maintenance of school buildings in said District, under such restrictions and limitations as the General Assembly may prescribe, and where the question of incurring such indebtedness is submitted to the qualified electors of said School District, as provided in the Constitution, upon the question of Bonded Indebtedness.

§ 2. **Form of Ballot Prescribed.**—That the question of adopting this amendment shall be submitted at the next General Election for Representatives to the electors as follows: Those in favor of the amendment will deposit a ballot with the following words plainly written or printed thereon: "Constitutional Amendment to Section 5 Article X of the Constitution relating to the limit of Bonded indebtedness of School Districts as proposed by Joint Resolution, entitled "A Joint Resolution to Amend Section 5 Article X of the Constitution, relating to the limits of the Bonded Debt of School Districts, by adding a Proviso thereto as to the Charleston School Districts comprised within the present limits of the City of Charleston,—Yes." Those opposed to said amendment, shall cast a ballot with the following words plainly written or printed thereon: "Constitutional Amendment to Section 5 Article X of the Constitution Relating to the Limit of Bonded indebtedness of School Districts as opposed by Joint Resolution, entitled "A Joint Resolution to Amend Section 5 Article X of the Constitution, relating to the limit of the bonded debt of School Districts, by adding a Proviso thereto as to the Charleston School District, comprised within the present limits of the City of Charleston.—No."

Cons. 1895, Art. X, Sec. 5.

Approved Feb. 15, 1916.

# In Memoriam

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## FRANCIS J. PELZER

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Excerpt from the Journal of City Council, of the meeting of April 11, 1916, on the death of Mr. Francis J. Pelzer:

"The Mayor then made the following announcement:

'Gentlemen of City Council:

'It is my sad duty to announce to you the death of Mr. Francis J. Pelzer, Chairman of the Board of Commissioners of the Charleston Orphan House and one of our most venerable and highly esteemed citizens.

'He was born in Charleston on April 9, 1826, and lived a life important in its usefulness to our City. He was a devout Christian and a faithful public servant. His influence upon the commercial activity of Charleston and the State at large was very potential and of a highly constructive character.

'He served as an Alderman during the administrations of Mayors Wagener and Sale, taking an active interest in the affairs of City Council. He was elected a member of the Board of Commissioners of the Charleston Orphan House in 1878; became Vice-Chairman in 1894 and Chairman in 1903, which position he held at the time of his death. He served this Commission with untiring zeal and faithfully discharged the duties of his office to the best interest of the institution.

'In the death of Mr. Pelzer our City has lost a noble citizen whose public service should be an inspiration to those who would serve their country and their fellow man.'

"On motion, the remarks of the Mayor were ordered to be printed on the Journal of City Council and also in the Year Book."

JOSEPH C. BARBOT,  
Clerk of Council.

# In Memoriam

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**SAMUEL S. BUIST**

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Excerpt from the Journal of City Council of the meeting of September 12, 1916, on the death of Mr. Samuel S. Buist:

"In announcing the death of Mr. Samuel S. Buist, the Mayor spoke as follows:

'In the death of Mr. Samuel S. Buist, we have lost a very highly valued member of the Board of Commissioners of Colonial Common and Ashley River Embankment.

'Mr. Buist was appointed to the Board at its creation, by Mayor W. A. Courtenay, in 1881, and was at its organization elected secretary. He held this position until his death, and was most faithful during all the years of his long service.

'Mr. Buist was a very high-toned, conscientious man, and in his departure the City has lost a good citizen, one who cheerfully gave of his time and talents for the city's good'."

JOSEPH C. BARBOT,  
Clerk of Council.