

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending May 1, 1897

The lowest bids for the following contracts, received and opened at public lettings on the 23rd and 26th ultimo, have been transmitted to the Comptroller for his approval of the sureties thereon:

For Sheet Asphalt on the Present Pavement.

Bank Street--William Booth, \$3.06 per square yard.
East 86th Street--Warren-Scharf Co., \$3.19 per square yard.
Fifth Avenue, 80th to 90th St--Barber Co., \$3.29 per square yard.
135th Street, Madison to St. Nicholas Ave--California Co., \$3.28 sq. yd.

Block Asphalt, with Concrete Foundation.

101st St., Madison to 5th Ave--Hastings Co., \$2.96 per square yard.
95th St., Madison to 5th Ave--Hastings Co., \$2.92 per square yard.
108th St., Amsterdam Ave. to Boulevard--Hastings Co., \$2.86 sq. yd.
133rd St., Amsterdam to Convent Ave--Hastings Co., \$2.96 per square yard.

Sewers.

118th St., Amsterdam to Morningside Ave--Thomas Murray, \$4,563.50.
127th Street, Manhattan St. to Boulevard--H. Lipps, Jr., \$1,149.20.

The above prices for sheet asphalt average the same as those on which I made awards of fourteen contracts from the letting of April 15th.

The prices for block asphalt, with concrete foundation, average the same as those on which five contracts were awarded in the last week of March.

The prices for the two sewer contracts are 20 per cent below the engineer's estimates.

The daily consumption of water during the week averaged 321,000,000 gallons.

Collections by the Water Register, \$27,536.10.
Collections for vault permits, \$6,394.39.
Collections for sewer permits, \$567.60
Collections for restoring pavements, \$635.00.
Collections for redemption of obstructions, \$6.50.
Collections for permits for sidewalk sheds, \$35.

Charles S. D. Collins
Commissioner

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending May 15, 1897

To cleanse the asphalt pavements of all dirt and dust once in every 24 hours much more thoroughly than it can be done by sweeping, arrangements have been made with the Commissioner of Street Cleaning to flush asphalted streets ~~every night~~ with streams of water from the fire-hydrants of sufficient force to wash all dirt into the sewer-basins. This obviates the necessity of sprinkling during business hours, which, while laying the dust for a very brief time, converts it into a slimy and slippery paste, making vehicle traffic hazardous and foot-travel uncomfortable. This flushing will be continued during the summer.

The heavy rainfalls of last week, aggregating three inches, have resulted in freshets in the Croton River and its tributaries, which will render the water delivered in houses somewhat roily and discolored for about ten days, but will not in the least affect its wholesomeness.

The average daily consumption of water for the week was 219,000,000 gallons.

Collections by the Water Register, \$104,210.34.
Collections for vault permits, \$670.48.
Collections for sewer permits, \$306.52.
Collections for restoring pavements, \$801.25.
Collections for permits for sidewalk-sheds, \$70.
Collections for redemption of obstructions, \$18.

Changes in the working force: 1 steam engineer and 5 firemen suspended for the summer in consequence of shutting off steam heat in buildings; 2 bath attendants appointed; 6 junior clerks promoted to clerks of first grade.

Charles A. D. Collins
Commr.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending May 22, 1897

The following bids for contracts for asphalt pavements, being the lowest received at public letting on the 23rd ultimo, have been transmitted to the Comptroller for his approval of the sureties thereon:

The Sicilian Asphalt Paving Co.--Paving 95th Street, from the Boulevard to Riverside Drive; \$2.87 per square yard.

The Warren-Scharf Asphalt Paving Co.--Paving Edgecombe Avenue, from 137th to 138th Street, \$2.95 per square yard.

William Booth--Paving 142nd Street, from Convent to Amsterdam Avenue \$2.75 per square yard; and 146th Street, from 7th to 8th Avenue, \$2.95 per square yard.

These prices average the same as those on which contracts for asphalt pavements have heretofore been awarded this year.

The average daily consumption of water for the week was 220,000,000 gallons.

Collections by the Water Register,	\$99,223.47.
Collections for vault permits,	9,674.83
Collections for sewer permits,	561.72
Collections for restoring pavements,	4,400.74
Collections for temporary sidewalk sheds,	45.00
Collections for redemption of obstructions,	13.50

Work is in progress in improving and ornamenting the centre park plots on the Boulevard, from 70th to 76th Street.

The 100 shade-trees recently transplanted from City property at Kensico, Westchester County, to the Boulevard show vigorous growth.

The Macadam roadway of the Boulevard, from 130th to 150th Street, has been thoroughly repaired after the winter's storms and the effects of ordinary wear.

Changes in the working force: 3 inspectors on laying water-pipes, 9 male bath attendants, 4 teams and 3 laborers appointed; 1 tapper and 2 carpenters removed.

Charles A. T. Collins
Commr.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending May 29, 1897.

The following contracts have been awarded to the lowest bidders at public letting on the 25th ultimo, subject to the Comptroller's approval of the sureties:

The Warren-Scharf Asphalt Paving Co.,--Resurfacing the Macadam roadway of 7th Avenue, from 110th to 145th Street, \$45,280.

Thomas Callanan,

Laying crosswalks on 7th and Lenox Avenues, at 141st and 142nd Streets, \$1,758.07.

The Sicilian Asphalt Paving Co.,

Paving with asphalt 51st Street and 52nd Street, from 8th to 11th Avenue, \$3.09 per square yard.

The average daily consumption of water for the week was 220,000,000 gallons.

Collections by the Water Register, \$90,352.85.

Collections for vault permits, \$13,967.09.

Collections for sewer permits, \$559.28.

Collections for restoring pavements, \$1,787.25.

Collections for permits for sidewalk sheds, \$35.

Collections for redemption of obstructions, \$25.

Changes in the working force: 1 Junior Clerk and 1 Inspector of Masonry appointed.

Charles H. J. Collins
Comm.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending June 7, 1897.

The fifteen free floating, swimming baths are all in their berths for the bathing season, and open to the public this morning. This is several weeks earlier than the baths have been opened in past seasons.

On Friday, the 4th inst., about noon, a portion of the roadway of Liberty Street, west of Broadway, caved in, causing a break in a six-inch water-main and the several gas and electric conduits. Fortunately one of our hydrant gangs arrived quickly upon the spot and prevented serious damage. The cause of the caving arose from the fact that upon both sides of the street excavations to the depth of ^{nearly} ~~over~~ thirty feet were being made for the foundations of new buildings, and although the contractors had constructed board sheeting and heavy braces to support the intervening street, the weight and treacherous character of the soil forced in the sheeting on the north side and several tons of earth slid into the excavation. I have several times since visited the locality, and every precaution has been taken to prevent further damage. New gates have been constructed, the water course changed, and the whole neighborhood is supplied with water. I respectfully submit that permits should not be issued by the Building Department for simultaneous excavations upon both sides of a down-town street where the entire road-bed is of sand. The two excavations on Broadway at the corners of Rector Street and Exchange Place are menacing, but I am having the work closely watched, so that should there be a recurrence of the Liberty Street accident, it can be promptly met.

The asphalt pavement on 5th Avenue has been completed from 80th to 90th Street, and is now commencing at the Washington arch, and moving northward.

The average daily consumption of water for the week was 220,000,000 gallons.

Collections by the Water Register, \$73,369.17.
Collections for vault permits, \$8,118.14.
Collections for sewer permits, \$308.00.
Collections for restoring pavements, \$2,545.75.
Collections for temporary sidewalk sheds, \$45.
Collections for redemption of obstructions, \$22.50.

Changes in the working force: 34 female bath attendants reappointed; 1 laborer appointed.

Charles A. T. Collins
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DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending..... June 12,..... *1897*

The iron structure of the 155th Street Viaduct, which was completed in 1893, has never received a preservative coating of paint except that which was applied under the contract for construction. This has worn away and the iron is much corroded. Arrangements have been made for the complete removal of rust by sand blast, and for painting the structure with the best approved paints for preserving iron.

The construction of sewers on 5th Avenue, between 35th and 39th Streets, will be finished in two weeks, which will complete all the sewer work south of 59th Street. The laying of water-mains through Washington Square, and relaying the asphalt pavement on the carriageway, are completed. This work will now proceed at the rate of two blocks per week from Waverly Place northward.

Under a resolution of the Board of Aldermen, approved by you, a permit has been issued to the Trustees of Columbia University to lay brick sidewalks in front of the University grounds on 116th and 120th Streets, Amsterdam Avenue and the Boulevard. These will be the first brick sidewalks laid in this City within half a century or more.

During the week eleven additional centre plots on the Boulevard have been sodded and gravel walks laid through them.

The average daily consumption of water for the week was 218,000,000 gallons.

Collections by the Water Register, \$111,326.00.
Collections for vault permits, \$1,750.96.
Collections for sewer permits, \$415.52.
Collections for restoring pavements, \$1,335.75.
Collections for permits for sidewalk sheds, \$30.
Collections for redemption of obstructions, \$36.50.

Changes in the working force: 1 mason removed; 1 laborer promoted to assistant foreman.

Since my last weekly report additional new "index lamps", bearing the house numbers of the corner houses, as well as the street names,

have been placed on Broadway, from 23rd Street to the Battery; all of Park Row, from Ann Street to the Bowery; Lexington Avenue, from 23rd to 59th Street; Madison Avenue, from 23rd to 41st Street. Fifty more will be placed this week. *They are attracting public notice & giving great satisfaction.*

Charles H. T. Collins
Comm.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending..... June 19th,..... *1897.*

The following contracts, for which bids were received at public letting on the 14th inst., have been awarded to the lowest bidders:

Protection wall in front of Highbridge Pumping Station--M. J. Dady, \$13,709.

Furnishing 200 double nozzle fire-hydrants--Kennedy Valve Manufacturing Co., \$7,550.

Sewer in 143rd Street, between Hudson River and the Boulevard--Cunningham and Kearns, \$4,632.50.

Sewer in 181st Street, between Kingsbridge Road and Wadsworth Avenue etc.--Thomas Murray, \$5,400.

Sewer in Dyckman Street, between Harlem River and Kingsbridge Road--Thomas Murray, \$11,626.

Sewer in Lexington Avenue, between 55th and 56th Streets--E. J. McQuade, \$3,393.

Extension of sewer in Avenue St. Nicholas, between 147th and 149th Streets--Cunningham and Kearns, \$1,800.

Improvements to sewer in 3rd Avenue, between 98th and 100th Streets--Patrick Casey, \$2,640.

Paving with asphalt 18th Street, from Broadway to 4th Avenue (15 years guarantee)--The Sicilian Asphalt Paving Co., \$3.17. per sq. yard.

Paving with asphalt 112th Street, from 5th to Lenox Avenue (5 years guarantee)--T. Hugh Boorman, \$2.83 per square yard.

The average daily consumption of water for the week was 220,000,000 gallons.

Demand has been made on the U. S. Treasury Department for payment of the established fee of \$2 per superficial square foot for vault built under the sidewalks around the U. S. Appraisers Stores on Washington, Greenwich, Christopher and Barrow Streets. The amount due is about \$8,000. The vault construction was hidden by a high board fence, otherwise it would not have been permitted to be made without prepayment of the established fee.

Collections by the Water Register, \$96,938.18
Collections for vault permits, \$10,437.73.
Collections for sewer permits, \$646.60
Collections for restoring pavements, \$4,781.26
Collections for permits for sidewalk sheds, \$15.00
Collections for redemption of street obstructions, \$39.25

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Changes in the working force: 3 laborers and 1 mason appointed;
1 assistant foreman promoted to foreman.

Charles H. T. Collins
Clerk

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending June 26, 1897.

The following contracts have been awarded to the lowest bidders, subject to the Comptroller's approval of the sureties:

Letting of June 14th:

Martin Lipps--Laying water-mains in Burnside, Aqueduct and other avenues and streets, \$16,636.00.

Gildersleeve and Smith--For bridge over Spuyten Duyvil Creek, \$53,607.50.

Letting of June 18th:

The Hastings Pavement Co.--Paving with asphalt blocks on concrete foundation, 77th Street, from Central Park West to Riverside Drive, \$3.11 per square yard.

The California Asphalt paving Co.--Paving with asphalt on the present pavement 43rd Street, from Vanderbilt to Madison Avenue, \$3.09 per square yard.

By advertisement in the CITY RECORD notice is given to the owners and occupants of buildings to be taken for the widening of Elm Street, that they must vacate the buildings on or before July 31st, at which time the buildings or parts of buildings within the street as widened and extended, will be sold at public auction.

The average daily consumption of water for the week was 225,000,000 gallons, an increase of 5,000,000 gallons over the preceding week.

Collections by the Water Register, \$78,149.12.
Collections for vault permits, \$6,334.88.
Collections for sewer permits, \$256.00.
Collections for restoring pavements, \$3,996.50.
Collections for permits for sidewalk sheds, \$15.
Collections for redemption of obstructions, \$11.75.

Changes in the working force: 3 laborers and 1 cleaner appointed and 1 cleaner deceased.

Charles A. T. Collins
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DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending July 3, 1897.

The following contracts have been awarded to the lowest bidders, subject to the Comptroller's approval of the sureties thereon:

Lettings of June 18th and 28th:

The California Asphalt Paving Co.,--For asphalt pavements on Charles Street, between Washington and Greenwich Streets, \$3.12 per square yard; 10th Street, between 5th and Greenwich Avenues, \$3.09 per square yard; 15th Street, between Broadway and 5th Avenue, \$3.09 per square yard; 16th and 18th Streets, between 6th and 7th Avenues, \$3.09 per square yard; 76th Street, Boulevard to West End Avenue, \$3.09 per square yard; 77th Street, between Lexington and 3rd Avenues, \$3.09 per square yard; and Long Acre Square, \$3.28 per square yard.

The Barber Asphalt Paving Co.,--For asphalt pavement in 27th Street, between 1st and 3rd Avenues, \$3.09 per square yard.

The asphalt Construction Co.,--For asphalt pavements on 70th Street, between 1st and Lexington Avenues, \$3.14 per square yard; 70th Street, between 5th and Madison Avenues, \$3.14 per square yard; 75th Street, from 1st to 3rd Avenue, \$3.14 per square yard.

The Fruin-Bambrick Construction Co.,--For asphalt pavement on 51st Street, between 1st and 4th Avenues, \$3.03 per square yard.

The Warren-Scharf Asphalt Paving Co.,--For asphalt pavement on Park Avenue, from 56th to 96th Street, \$3.08 per square yard.

The Bartlett Lamp Manufacturing Co.,--For furnishing 1,600 street lamps, \$2.49 per lamp.

The Gleason Manufacturing Co.,--For furnishing lamps and lamp globes, \$2,004.

H. H. Potter.--For furnishing 13,000 lineal feet of curb, improved style, \$1.15 per foot.

An order has been given to replace fifty of the ordinary lamps on the centre plots on the Boulevard, from 59th to 96th Streets, with "Manhattan" lamps and Welsbach burners.

The average daily consumption of water for the week was 232,000,000 gallons, which is an increase of 7,000,000 gallons over the preceding week.

Collections by the Water Register, \$106,276.04.
Collections for vault permits, \$10,974.61.
Collections for sewer permits, \$441.31.
Collections for restoring pavements, \$815.75.
Collections for permits for sidewalk sheds, \$35.00
Collections for redemption of obstructions, \$13.00.

Changes in the working force: 4 laborers and 3 bath attendants appointed.

Charles A. J. Collins
Commr.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending July 10, 1897

The following contracts have been awarded to the lowest bidders, subject to the Comptroller's approval of the sureties thereon:

Letting of June 28:

Patrick Casey--Alteration and improvement to sewers in Madison Avenue, between 44th and 135th Streets, etc., \$74,995.60.

This is an exceptionally low price for the work, which embraces the building of 10,660 lineal feet of sewers, the excavation of 10,867 cubic yards of rock, erection of 9,300 lineal feet of guard-fences and the use of 215,000 feet B. M. of timber. Our engineers' estimate of cost was \$95,275. The work is to be done simultaneously with the construction of the underground electric conduits for changing the motive power for the Madison Avenue street car line, if that Company should secure permission therefor. The low price for the sewer work is owing to the railroad company consenting to bear one-third of the cost thereof. Casey's bid, minus the cost of repaving, saves the property holders thirty-three per cent of the estimate.

Edward A. McQuade--Alteration and improvement to sewers in 45th, 62nd and 77th Streets, etc., \$18,378.50.

This is within \$600 of our engineers' estimate.

Letting of July 6th:

The Barber Asphalt Paving Co.--Paving with asphalt Roosevelt Street, from Park Row to Water Street, \$3.75 per square yard; Market Street, from Division to Cherry Street, \$3.75 per square yard.

The Fruin-Bambrick Construction Co.--Paving with asphalt 15th Street, from 6th to 10th Avenue, \$3.08 per square yard.

The Sicilian Asphalt Paving Co.--Paving with asphalt 83rd Street, from Central Park West to Riverside Drive, \$3.11 per square yard; 47th Street, from 7th to 8th Avenue, \$3.09 per square yard.

The foregoing five asphalt paving contracts were first let on April 15th. The bids then received were all rejected, and, by the reletting as above, an aggregate saving or reduction of \$2,305 has been effected.

The average daily consumption of water for the week was 232,000,000 gallons.

Collections by the Water Register, \$126,227.52.

Collections for vault permits, \$176.50.

Collections for sewer permits, \$461.44.

Collections for restoring pavements, \$718.25.

Collections for permits for sidewalk sheds, \$25.

Collections for redemption of obstructions, \$26.50.

Changes in the working force: 2 laborers removed on charges.

On the 3rd inst. a delegation of citizens from Williamsbridge and Wakefield, in the annexed district, came to me, by your direction, complaining of the stoppage of the water supply for domestic and fire

purposes in that vicinity. The next day, July 4th, I personally visited the locality and found their statements to be correct. It was alleged that the New York and Westchester Water Company, which was under obligation to supply them, had turned off the water because the City had not paid for a supply to the hydrants.

On the 6th inst. I had an interview with Mr Moses R. Crow, the responsible head of the concern, who confessed his inability to meet his obligation to supply the necessary amount of water. I, therefore, directed Mr Birdsall to make a connection with our Bronx River system and supply the required amount to the extent of one-half million gallons per day, or over, at a cost of one cent per one hundred gallons, the Water Company to pay all expenses incident to making the connections. This has been done and the trouble has been removed.

Upon receipt of your letter of Friday last, in regard to resuming the flushing of streets which I inaugurated last summer, I immediately directed the Water Purveyor to make the necessary arrangements. On that night five gangs of ten men each worked from 7 P. M. until 1 A. M. in the thickly populated Bohemian quarter. Since then sixteen gangs of eight men each have been constantly at work during the same hours and will be continued until the weather changes.

I have also directed that the Salt Water Free Baths shall remain open day and night until further orders.

Upon the strength of Col. Waring's assurance some months ago that he would flush the asphalt streets at night and thus render it unnecessary that they be sprinkled during the day, I directed that the Street Sprinkling Association should not sprinkle after 8 A. M. This I did in consequence of the complaints of drivers of horses that this sprinkling converted the dust into a slimy condition, rendering the pavements dangerous. Col. Waring has informed me that he is unable to do what he promised. I have therefore been compelled to modify my order and have now authorized the Association to sprinkle all asphalt streets below 14th Street during the day time as usual and all north

of 14th Street up to 10 A. M.

I do not agree with Col. Waring that it was impossible to flush the streets as he promised. I am cleaning the entire tenement house district, containing several miles of asphalt pavement, with 128 men.

Charles W. T. Collins
C. W. T. Collins

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending July 17, 1897

For the past ten days I have had 123 men, divided into eight gangs, engaged in flushing asphalt pavements in the crowded tenement districts every night, except when nature provided the flushing by copious rains. The length of streets so flushed is about 17 miles. This has been done without aid from the Department of Street Cleaning.

The free floating baths have been kept open continuously, day and night, since last Tuesday.

The average daily consumption of water for the week was 230,000,000 gallons.

The work of Macadamizing 7th Avenue and laying of water-mains in 5th Avenue is progressing favorably. The asphaltting of Park Avenue, from 56th to 96th Street, has commenced.

The change of grade at the intersection of 34th Street and Park Avenue has been agreed upon by the Railway Company and this Department. The City will only pay the expense of resurfacing with asphalt.

Collections by the Water Register, \$197,723.70.
Collections for vault permits, \$1,755.15.
Collections for sewer permits, \$210.
Collections for restoring pavements, \$1,135.
Collections for permits for sidewalk sheds, \$15.
Collections for redemption of obstructions, \$46.

Changes in the working force: 3 female bath attendants, 1 male bath attendant, 1 female cleaner, 2 masons and 4 laborers appointed.

Charles H. D. Ellis

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending..... July 24,..... *1897.*

At no time in the history of the Department have more and larger public improvements been carried on under its direction than at the present time, or employment given to a larger number of workmen either directly or through contractors.

The laying of the two lines of 48-inch mains in Fifth Avenue is progressing at six different points. The construction of new sewers and reconstruction of old ones on that avenue is vigorously carried on. The laying of asphalt pavement is following the work on the water-mains and sewers as closely as possible. Lines of new large water-mains are being laid in 11th and West End Avenues, from 96th Street to 38th Street. Smaller mains, to distribute the water from the large ones, are being laid in a dozen streets in the lower part of the City.

Two gangs of men are engaged in placing additional fire-hydrants at locations selected by the Fire Department.

We have commenced the regrading of Park Avenue, from 56th to 96th Street, preparatory to paving it with asphalt where the grades are practicable, and with new granite blocks where the grades are too steep for asphalt.

We have also commenced taking up the old Belgian blocks on 6th Avenue, from 23rd to 59th Street, and repaving the carriageway with good granite blocks taken from 5th and Park Avenues. We are converting First Avenue, from 20th to 109th Street, from an ill-paved and comparatively unused street into a commodious highway, with asphalt pavement on the easy grades, and improved granite blocks on steep grades. We are reconstructing the Macadam driveway of Seventh Avenue, from the Central Park to the Harlem River. We are continuing and about completing the improvement and adornment of the park plots through the centre of the Western Boulevard up to 125th Street.

The vigorous prosecution of these improvements gives employment to several thousand men who would otherwise be idle and without support for

themselves or those dependent on them.

I have sent blank forms to all the contractors engaged on work for this Department, to show the number of men employed by them, with the request that they fill up and return these reports to me at once.

Broadway, 5th Avenue, 6th Avenue, Columbus Avenue, Madison Avenue, 4th and Park Avenues, Irving Place and Lexington Avenue, University Place, and Park Row have been provided with the new ornamental street lamps, bearing street and house-signs. Signs, giving house-numbers, are now being prepared for all the public lamps in the district bounded by 14th and 79th Streets, 3rd and 8th Avenues.

The following contracts have been awarded to the lowest bidders, subject to the Comptroller's approval of the sureties thereon:

To William P. Baird: Paving with granite blocks 98th Street, from West End Avenue to Riverside Drive; Park Avenue, from 100th to 102nd Street; Lexington Avenue, from 101st to 103rd Streets; 127th Street, from the Boulevard to Riverside Drive; 185th Street, from Kingsbridge Road to Wadsworth Avenue; average price per square yard, \$3.39, including concrete foundation.

To James Pollock: Paving with granite blocks 130th Street, from Convent Avenue to Amsterdam Avenue; \$3.44 per square yard, including concrete foundation.

The average daily consumption of water for the week was 232,000,000 gallons.

Collections by the Water Register, \$224,641.97.
 Collections for vault permits, \$4,188.64.
 Collections for sewer permits, \$270.24.
 Collections for restoring pavements, \$3,407.75.
 Collections for permits for sidewalk sheds, \$20.
 Collections for redemption of obstructions, \$14.

Changes in the working force: 6 engineer-inspectors of paving, 1 female stenographer and typewriter and 6 laborers appointed; 1 foreman deceased.

Charles A. D. Collins
Comr.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending July 31, 1897.

The following contracts have been awarded to the lowest bidders, subject to the Comptroller's approval of the sureties thereon:

Paving with asphalt blocks on concrete foundation--five years' guaranty:

The Hastings Pavement Co.--116th Street, from Amsterdam Avenue to Morningside Avenue, \$2.97-1/2 per square yard; 164th Street, from Edgecombe Avenue to Amsterdam Avenue, \$2.97 per square yard; 165th Street, from the Boulevard to Amsterdam Avenue, \$2.91 per square yard; 173rd Street, from Amsterdam Avenue to 11th Avenue, \$2.99 per square yard.

Clark and Co.--115th Street, from the Boulevard to Riverside Drive, \$2.99 per square yard.

Paving with sheet asphalt on concrete foundation--five years' guaranty:

The Barber Asphalt Paving Co.--132nd Street, from Broadway to Amsterdam Avenue, \$2.84 per square yard.

T. H. Boorman.--Dyckman Street, from Kingsbridge Road to Hudson River, \$2.83 per square yard.

Paving with granite blocks on concrete foundation:

Cunningham and Kearns.--187th Street, from 11th Avenue to Kingsbridge Road, \$3 .19 per square yard.

Regulating and grading 48th Street, between 11th and 12th Avenues--
W. H. Masterson, \$3,829.10.

Regulating and grading 49th Street, between 11th and 12th Avenues--
Thomas Callanan, \$5,076.50 .

Work has been commenced on the repaving of Park Avenue, from 56th to 96th Street, with asphalt, where the grades will admit, and with granite blocks where the grades are too steep. In the making of this improvement the abnormally steep transverse grades, caused by the railroad tunnel underneath, will be reduced as much as possible.

Work has also been commenced in replacing the old Belgian block pavement on 6th Avenue, from 23rd to 42nd Street, with specification granite blocks selected from those which will be displaced by asphalt on 5th and Park Avenues.

Collections by the Water Register, \$356,898.65.
Collections for vault permits, \$8,448.76.
Collections for sewer permits, \$200.00.
Collections for restoring pavements, \$1,330.75.
Collections for permits for sidewalk sheds, \$10.00.
Collections for redemption of obstructions, \$40.50.

Charles W. D. Collis
Comr.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending..... August 7, *1897.*

On the 5th inst. the Street Sprinkling Association made a payment of \$14,000 for 1897 on its license or contract for which the annual charge is \$28,000. At the same time I further modified the restrictions on street sprinkling by allowing sprinkling at all hours of the day on streets south of 15th Street, and up to 10 A. M. on all other streets.

The contract for the improvement of the Boulevard Parkways is completed. All these park plots, from 59th to 125th Street, are now sodded, and have gravel foot-paths. This work is still subject to final inspection and acceptance by the Department.

The average daily consumption of water for the week was 225,000,000 gallons.

The contract for building a public comfort station on the north side of Mail Street, City Hall Park, is advertised for public letting on the 18th inst.

The form of contract for building the bridge over the Harlem River at First and Willis Avenues has been sent to the Counsel to the Corporation for approval, and will be advertised for public letting as soon as approved.

The laying of specification granite blocks in the place of the old Belgian pavement on 6th Avenue, from 23rd to 59th Street, by our pavement repair force, has been completed on the easterly carriageway for sixteen blocks and is now progressing rapidly.

Collections by the Water Register, \$77,534.39.
Collections for vault permits, \$1,010.64.
Collections for sewer permits, \$444.82.
Collections for restoring pavements, \$7,175.00.
Collections for permits for sidewalk sheds, \$30.00.
Collections for redemption of obstructions, \$16.50.

Charles A. J. Collins
Comr.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending August 14th, 1897.

Many complaints having been received by this Department of overflows along the line of the sewer in 23rd Street, between 6th Avenue and the Hudson River, a careful inspection has been made, showing that there were in the sewer, between 7th and 8th Avenues, cobble stones, manhole covers and other debris obstructing the flow of sewage and materially impairing the efficiency of the sewer. At several points along its line various pipes were found passing through the sewer. These obstruct the flow of sewage to such an extent that it is not to be wondered at that overflows should have occurred during the very heavy rain storm of July 28th. The cobble stones and other material found in the sewer will be removed, and steps will be taken to raise all the pipes crossing the sewer to such a height that they will not cut off any portion of the interior section of the sewer. Openings will be cut in the barrel sewers so that in the first rush of a big rain storm the water will be forced through these openings instead of back through the manholes in the streets. While these improvements will render the sewer in 23rd Street much more effective than it is at present, it will yet not be adequate to carry off the surface water in the area it drains during very heavy rains. I have therefore decided to construct a new sewer outlet at 26th Street and the Hudson River. About half the area now drained by the 23rd Street sewer will be drained through this new outlet. This is the best remedy we can apply.

I am advertising in the CITY RECORD and in the Corporation newspapers for proposals to be received and opened at this office on September 16th, 1897, for the construction of a bridge over the Harlem River between 1st Avenue at 125th Street and Willis Avenue at 134th Street. The estimated cost of the work is \$1,500,000. *Advertisement 30 days.*

The average daily consumption of water for the week was 225,000,000 gallons.

I have granted a permit to the Ninth Avenue Railroad Company and the Metropolitan Street Railway Company, as its lessee, to take up the pavement and excavate along the line of the Ninth Avenue Railroad in Amsterdam Avenue, between 125th and 71st Street, and in the Boulevard, between 71st and 65th Street, for the purpose of changing the motive power to electricity, pursuant to the authority given by the Board of Railroad Commissioners of the State of New York, March 18th, 1897.

Collections by the Water Register, \$90,138.57.
 Collections for vault permits, \$1,396.33.
 Collections for sewer permits, \$864.58.
 Collections for restoring pavements over street openings, \$1,126.75.
 Collections for permits for sidewalk-sheds, \$25.
 Collections for redemption of obstructions, \$7.50.

Changes in the working force: 1 laborer appointed temporarily; 1 stone cutter appointed.

Charles S. D. Collins
 Commissioner

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending August 21, 1897

The following contracts have been awarded to the lowest bidders, subject to the Comptroller's approval of the sureties thereon:

To the Warren-Scharf Asphalt Paving Co: Macadam pavement on the Boulevard Lafayette, from 11th Avenue to Kingsbridge Road.

To Patrick F. Burns: Retaining wall at the High Bridge Pumping Station.

The Supreme Court has confirmed the proceedings for opening Exterior Street along the East River from 64th to 82nd Street. This is a very important improvement, which will eventually result in opening to private enterprise in building a large section of the City which has been held back from natural development for want of proper access to the water front.

Owing to the encouragement I am giving to manufacturers of asphalt blocks to compete with sheet asphalt pavement, I have two more competitors in the field to bid for contracts for asphalt block pavement. This widening of competition will undoubtedly produce beneficial results.

I have been collecting statistics of the number of workmen employed by this Department, either directly or by the agency of contractors, and I am glad to find that my Department is so large a factor in giving useful employment to workmen. The following are the figures giving the number of laborers and mechanics now employed in outdoor work in the several branches of the Department:

Regular Labor Force of the Department:

On maintenance of the water supply system,	536
On repairs of pavements,	561
On maintenance of Boulevards and Roads,	210
On repairs of sewers,	68
On care of public buildings--male cleaners,	73
Female cleaners,	122
On public baths--male attendants,	40
Female attendants,	35
On miscellaneous work,	47
Total,	1,692

Force Employed By Department Contractors.

On construction and repairs of pavements and manufacturing material therefor,	4,488
On regulating and grading streets,	411
On construction and maintenance of sewers,	376
On miscellaneous works,	1,329
Trucks and carts employed on the different works,	470
	<hr/>
Total,	7,074

making a grand total of 8,766 men in the regular labor force of the Department and in the force employed by contractors.

An additional force of over 3,400 laborers and 500 teams is employed by City Railroad Companies in reconstructing car-tracks for change of motive power to electric power, and this employment is given to the men indirectly through the agency of this Department in issuing the permits under which these works are carried on.

As some of the contractors have not responded to my request for statements of the men employed by them, it is perfectly safe to add twenty per cent to the total, and to say that the Department gives employment to over 10,000 laborers and mechanics.

The average daily consumption of water for the week was 225,000,000 gallons.

Collections by the Water Register, \$60,675.93.
 Collections for vault permits, \$4,665.17.
 Collections for sewer permits, \$1,917.71.
 Collections for restoring pavements, \$5,866.00.
 Collections for permits for sidewalk sheds, \$25.00.
 Collections for redemption of obstructions, \$19.50.

Changes in the working force: 1 inspector's helper deceased; 1 inspector of lamps and gas removed; 2 laborers appointed.

Charles S. D. Collis

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending August 23, 1897.

I invited the representatives of the Third Avenue Railway Company and the representatives of the Metropolitan Street Railway Company to meet me at this office yesterday for the purpose of arriving at a mutual understanding in regard to the common use of two single tracks on Amsterdam Avenue instead of four as at present. Representatives of the Third Avenue Railway Company were present, and consented to meet the wishes of this Department in the matter. The Metropolitan Street Railway Company were not represented at the conference, but wrote questioning my right to require the Third Avenue Railway Company to use the rail-tracks in common with them, although the Third Avenue Railway Company consents thereto. I am of opinion that I have power to require both companies to use a common set of rails, and I have asked the Corporation Counsel to advise me in the matter.

Yesterday I issued orders to the Chief Engineer of the Croton Aqueduct, to the Consulting Engineer on the 5th Avenue Improvement, and to all the inspectors on the work of laying water-mains in 5th Avenue, to see that all the specifications of Mr. William P. Smith's contract be strictly complied with, especially the clause providing that only paving stone shall be placed on the sidewalks; that planks shall be placed on the sidewalks under the stone where necessary; that all earth shall be removed as excavated, and taken away, or, if suitable, placed in the trench where the pipes are laid.

On the same day I called the attention of the Engineer in Charge of Sewers to the fact that under Patrick Casey's contract for sewers in Madison Avenue, the material excavated from the trench was not being carted away as soon as excavated, as required by the specifications. I insisted that every specification of the contract should be lived up to, and stated that I would discharge every inspector who permitted a violation of any specification.

The adjourned sale of buildings within the lines of the Elm Street

improvement was held yesterday. Nearly one hundred parcels were disposed of at merely nominal prices, ranging from \$1 to \$100 per parcel. The material forming the houses was old and worthless. There was no competition at the sale, the old buildings being hardly worth the expense of removal. Most of them were acquired by one buyer. The City may have to remove the remainder as there is no demand for them.

The average daily consumption of water during the week was 220,000,000 gallons.

Collections by the Water Register, \$36,634.47.
 Collections for vault permits, \$7,138.19.
 Collections for sewer permits, \$286.19.
 Collections for restoring pavements, \$1,961.50
 Collections for permits for sidewalk sheds, \$15.
 Collections for redemption of obstructions, \$6.

Changes in the working force: 2 assistant foremen forfeited their positions by absence without leave, 2 laborers promoted to assistant foremen, 1 paver reinstated, 5 laborers reinstated, 2 laborers appointed, 1 laborer deceased, 1 female cleaner reinstated.

A general strike of workmen on the 5th Avenue paving work was threatened last week in consequence of the contractor for new curb employing non-union men as stone cutters in dressing the curbstones, and paying less than the current rates of wages. At the same time I ascertained that the contractor had violated the specifications of his contract in the matter of the quality of the stone and the manner of delivering it. I at once declared the contract forfeited by him, and have readvertised it for reletting. By this action the threatened strike has been averted.

On the 24th inst. bids were received for twelve asphalt block pavement contracts and the California Asphalt Company was the lowest bidder for each. The samples of asphalt blocks submitted by that Company were not up to the standard required by the Department, and it also came to my knowledge that the Company does not possess the necessary plant for manufacturing the asphalt blocks. Under these circumstances, I consider it for the best interest of the City to reject all the bids, and am readvertising the contracts for reletting.

Charles W. D. Collins
 Commissioner

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending..... September 4, 1897

The following contracts have been awarded to the lowest bidders, subject to the Comptroller's approval of the sureties thereon:

To T. H. Boorman, for asphalt pavement on 106th Street, between Boulevard and Riverside Drive.

To the Barber Asphalt Paving Co., for asphalt pavement on 108th Street, from Central Park West to Columbus Avenue; on 114th Street, between Lenox and St. Nicholas Avenues; on Lewis Street, between Houston and 8th Streets; on 86th Street, between 1st and Madison Avenues; on 90th Street, between 1st and 2nd Avenues; on 124th Street, between Madison and 5th Avenues; and on 130th Street, between the Boulevard and 12th Avenue.

To the Sicilian Asphalt Paving Co., for asphalt pavement on 7th Avenue, between 58th and 59th Streets; on 31st Street, between Broadway and 10th Avenue; on 35th Street, between 6th and 8th Avenues; on 56th Street, between Park and Lexington Avenues; on 57th Street, between Park and Lexington Avenues; on 74th Street, between the Boulevard and West End Avenues; on 78th Street, between Columbus Avenue and the Boulevard; and on 79th Street, between the Boulevard and West End Avenue.

To the Fruin-Bambrick Construction Co., for asphalt pavement on 54th Street, between Madison and Lexington Avenues; on 61st Street, between 1st and Madison Avenues, and on 80th Street, between 1st Avenue and Avenue A.

To the Warren-Scharf Asphalt Paving Co., for asphalt pavement on 67th Street, between Park and Lexington Avenues.

(The average price at which these contracts for asphalt pavements were awarded is \$3.01 per square yard.)

To Charles Mitchell, for granite block pavement on Monroe Street, between Jackson and Grand Streets, \$2.44 per square yard.

To M. Fitzgerald, for granite block pavement on 6th Street, from Lewis Street 500 feet easterly (within land grants) \$3.17 per square yard.

To William P. Baird, for granite block pavement on 6th Street, from Lewis Street 500 feet easterly, not within land grants, \$3.39 per square yard.

Martin Lipps, for laying water-mains in Amsterdam, Jackson, Briggs and other avenues and streets, \$6,304.03.

It was necessary to shut off the supply of water in the old 36-inch water-mains in 5th Avenue in connection with the laying of the new mains, and to disconnect the former from the 42nd Street Reservoir. In consequence of these changes the pressure in the water-mains south of 42nd Street will be reduced ten feet, equal to one-story particularly on the higher grounds.

The average daily consumption of water during the week was 220,000,000 gallons.

Changes in the working force: One laborer deceased.

Collections by the Water Register, \$42,196.38.
Collections for vault permits, \$2,526.16.
Collections for sewer permits, \$1,283.36.
Collections for restoring pavements, \$1,267.00.
Collections for permits for sidewalk-sheds, \$40.

Charles H. D. Collis
Commr.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending September 11, 1897

Bids were received and opened at a public letting at this office on the 9th inst. for 12 contracts for asphalt block pavements on concrete foundation. Bids for the same works were received and opened at a public letting on August 24th, and were rejected by me for the best interests of the City. The result of re-advertising and reletting these works is a reduction of about 10 cents per square yard, fully justifying my action in rejecting all the bids originally received.

On the 9th inst. I issued a permit to the 8th Avenue Railroad Company and the Metropolitan Street Railway Company, its lessee, to open such portions of the streets, avenues and highways along the line of the 8th Avenue Railroad as may be necessary for the purpose of converting said line of railroad from a horse railroad to an electric railroad, operated by an underground current of electricity.

On the 8th inst. I awarded contracts for the following works, subject to the Comptroller's approval of the sureties thereon:

Cunningham and Kearns: Sewers in South Street, between Gouverneur Slip and Montgomery Street, \$16,221.70; Riley, Gavin and Sullivan: Alteration and improvement to sewers in 10th Street, between Avenues A and C, etc., \$16,485.70; Cunningham and Kearns: Repairs to wooden box sewer in 12th Avenue, between 39th and 40th Streets, \$2,228.30; William G. Leeson: Sewer in 7th Avenue, between 140th and 142nd Streets; Cunningham and Kearns: Sewer in 7th Avenue, between 143rd and 144th Streets, etc., \$4,300; and sewer in 8th Avenue, between 148th and 151st Street, etc., \$5,761.45; William G. Leeson: Sewer in 189th Street, between Amsterdam and 11th Avenues, etc., \$8,924.50; Patrick McInerney: Sewer in 186th Street, between Amsterdam and 11th Avenues, \$6,478; Charles W. Collins: Regulating and grading Nagle Avenue, from Kingsbridge Road to 10th Avenue, etc., \$22,188.

The hot and dry weather during this week has increased the consumption of water by 10,000,000 gallons per day, making the average daily consumption 230,000,000 gallons. This increased consumption of water has reduced the pressure in the mains about five feet.

Collections by the Water Register, \$33,108.67.
Collections for vault permits, \$10,424.46.
Collections for sewer permits, \$929.26.
Collections for restoring pavements, \$301.50.
Collections for permits for sidewalk-sheds, \$25.00.
Collections for redemption of obstructions, \$2.50.

Changes in the working force: 1 steam engineer resigned; 7 laborers appointed temporarily on Aqueduct works at North Salem.

Charles W. Collins

The asphaltting of Long Acre Square has been completed. The ornamental lamp posts are being manufactured.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending.....Sept., 18th.....1897

The following contracts were awarded to the lowest bidders, subject to the Comptrollers approval of the sureties thereon:-

The Warren-Scharf Asphalt Paving Co., Paving with asphalt 71st St. between 2nd and 4th Avenues\$3.04 per sq. yd.

The Warren-Scharf Asphalt Paving Co., Paving with asphalt 67th St. between 4th and Lexington Avenues...\$3.07 per sq. yd.

The California Asphalt Co., paving with asphalt 90th Street from 1st Avenue to East River.....\$2.94 per sq. yd.

The Hastings Paving Co., paving with block asphalt,
153rd St. bet., 7th Ave., & McCoombs Dam Road \$2.82 per sq. yd
137th St. bet., 7th and 8th Avenues..... 2.82 " " "
146th St. bet., 8th & Bradhurst Avenues..... 2.82 " " "
147th St. bet., " " " " 2.82 " " "

Stone & Thurston,-paving with block asphalt McCoombs Dam Road from 8th Avenue to Central Bridge.....\$2.75 per sq. yd.

The California Asphalt Co.,-paving with asphalt,
Lexington Ave., bet., 97th and 101st Sts.....\$2.96 per sq. yd.
119th St. bet. Boulevard & Riverside Drive... 2.89 per sq. "
125th St. bet. Claremont Ave. & Boulevard.... 2.89 per sq. "

John Slattery,-for sewer in 50th Street bet., 11th and 12th Avenues.....\$7,893.50

Clapp & Shipman,-Sewer in 64th Street bet., Madison and Fifth Avenues.....\$8,959.

The California Asphalt Co.,-paving with block asphalt,
187th St., from 11th to Amsterdam Ave's.....\$2.94 per sq. yd.

The Hastings Paving Co.,-paving with block asphalt,
182nd St., bet., Boulevard & 11th Ave..... 2.96 per sq. yd.

Stone & Thurston--paving with block asphalt,179th Street bet., Kingsbridge Road & Amsterdam Ave..... 2.87 per sq. yd.

Clark & Co.,-paving with block asphalt 185th Street bet., Wadsworth & Amsterdam Avenues..... 2.82 per sq. "

Michael Fitzgerald,-paving with granite blocks, 11th Avenue from Dyckman St. to Wadsworth Avenue..... 2.57 per sq. "

On the 16th inst., I issued an order to the Chiefs of Bureaus that thereafter no repairs in the streets must be undertaken, and no permits for street openings or any street work must be issued where other streets in the vicinity are torn up for the reconstruction of railroads, construction of sewers, laying of pavements or water mains, or for any other

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending.....*189*.....

2

purpose.

On Monday the 13th inst., I was served with a notice that on the 21st inst., a motion would be made at Special Term of the Supreme Court for a writ of mandamus, compelling me to issue a permit to the 42nd Street, Manhattanville and St. Nicholas Avenue Railroad Company to build an electric railway, with double tracks and underground conduits on Amsterdam Avenue.

I sent the papers and notice of motion for mandamus to the Counsel to the Corporation, with a statement of the great objections to the additional electric road, and with the request that he use his best efforts to resist the issuance of the mandamus. He has advised me, however, that power of the State Railroad Commissioners, who granted the permit for the change from horse power to electric power, is a naked or absolute power.

I have, therefore, appealed to the State Railroad Commissioners to reopen the case, and have a rehearing, so far as the permit applies to Amsterdam Avenue. I have not yet been informed that any action has been taken on this request.

You are acquainted with the very urgent objections to the construction of this second line of double track electric railway on Amsterdam Ave., as they were fully stated in my letter of 10th inst., to Mr. Albert J. Elias, President of the 42nd Street, Manhattanville & St. Nicholas Ave., Railroad Company, of which I sent you a copy.

The renewal of the superstructure of the driveway on Seventh Ave., above Central Park has progressed as far north as 137th Street.

The contractor for the Public Comfort Station on Mail Street has been notified to commence work to-day.

The average daily consumption of water for the week was 235,000,000 gallons.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending.....189.....

3

Collections by the Water Register.....	\$53,616.80
" for vault permits.....	4,670.00
" for sewer permits.....	561.15
" for restoring pavements.....	1,651.75
" for permits for sidewalk sheds.....	45.00
" for redemption of obstructions.....	35.00

Charles W. T. Callis
Comm.

Corrected "Progress Map of 5th Avenue work"
sent to you to day.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending September 25, 1897

The fifteen free floating baths were all closed on Thursday last, owing to the cold and inclement weather which had set in on Monday, and effectively put an end to the bathing season. Arrangements are now being made to tow the baths to their winter quarters at the foot of Henry Street, South Brooklyn.

The contract for 13,000 lineal feet of new and improved curb for the new 5th Avenue pavement has been awarded to the lowest bidder, Hewitt Boice, at \$1.34 per foot.

The average daily consumption of water for the week was 230,000,000 gallons.

The repaving of Park Avenue, from 56th to 96th Street, is progressing favorably and will soon be finished. The improvement is attracting much public attention, and receiving general approval.

On Tuesday last the State Railroad Commissioners, at my request, re-opened the question of the permit given to the 42nd Street, Manhattanville and St. Nicholas Avenue Railroad Company for the conversion of their road to an electric road, with respect to that part of it which is on Amsterdam Avenue, and where, under the permit given, there would be two double track electric roads and four electric conduits. This matter is still under consideration.

The Metropolitan Street Railway Company attempted, under a repair permit, to place an additional rail-track and electric conduit on Columbus Avenue, from 59th to 65th Street, and have been stopped from doing so.

Collections by the Water Register, \$94,756.26.
Collections for vault permits, \$763.39.
Collections for sewer permits, \$1,621.58.
Collections for restoring pavements, \$3,679.75.
Collections for temporary sidewalk sheds, \$30.00.
Collections for redemption of obstructions, \$19.50.
Collections for setting water-meters, \$26.65.

Charles H. D. Collins
Comin.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending October 2, 1897

On October 1st I awarded to Messrs Leonard, Foley and Co. the contract for constructing a bridge over the Harlem River, between 125th Street and 1st Avenue and 134th Street and Willis Avenue, their bid of \$1,039,609.42 being the lowest received for that work at a public letting at this office on the 16th ultimo.

The average daily consumption of water during the week was 229,000,000 gallons.

Collections by the Water Register, \$91,525.45.
Collections for vault permits, \$1,677.32.
Collections for sewer permits, \$491.80.
Collections for restoring pavements, \$634.50.
Collections for permits for sidewalk sheds, \$25.
Collections for redemption of obstructions, \$22.

Changes in the working force: 1 toolman and 5 inspectors of paving appointed.

Charles H. J. Collis

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending October 9, 1897

On the 8th inst. I notified the Board of Electrical Control that the laying of a number of electrical conduits by the Metropolitan Street Railway Company along the line of their roadway for the purpose of carrying electrical currents to the points of distribution are in certain streets jeopardizing existing pipes, and rendering it almost impossible to find room for those which are to come in the future. I further stated that, upon investigation, I had learned that it is not necessary that these new electric conduits should be continuous with the line of the railroad, and that if I had the power I would compel the railway company to lay them in other streets which are less occupied. I added that I thought that power was vested in the Board of Electrical Control, and that I should be glad if they would give the subject consideration.

At 2 o'clock A. M. on the 10th inst. a water-pipe burst in Madison Avenue at 72nd Street and at 48th Street. Foreman McGill of Repair Gang No 3, stationed in 87th Street, shut off the water at 72nd Street and then proceeded to 48th Street where he also shut off the water in the 6-inch and 12-inch water-mains there. At 5.40 A. M. the water was also shut off in the Central Park Reservoir. The Chief Engineer examined the breaks in the pipe, and found both in the south hub-end, clean and new. He could not examine the spigot-end as it was bound into the hub of the north pipe above the same. The break will lower the head of water one story throughout the city, but will be repaired and the usual supply of water restored by Wednesday morning. The break was caused by an overcharge in blasting rock and I have reason to believe that the blame for the accident rests with Contractor John D. Crimmins.

Collections by the Water Register, \$83,559.10.
Collections for sewer permits, \$1,716.88.
Collections for vault permits, \$1,677.32.
Collections for restoring pavements, \$913.25.
Collections for permits for sidewalk-sheds, \$20.
Collections for redemption of street obstructions, \$20.50.

Changes in the working force: 4 inspectors of pipe laying and 4 laborers appointed.

Charles A. D. Collins

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending October 16, 189*n*.

On the 14th inst. I notified Contractor William P. Baird to lay pipe in all excavations on 5th Avenue, especially south of 59th Street, and that if this was not done at once I should put a force of men on the work from this Department and do it myself.

I also notified him to cart away all dirt in the centre of 5th Avenue, between 53rd and 55th Streets, and to remove from 5th Avenue and intersecting streets at once all material, old and new, which is not required for immediate use.

I further informed the contractor that I noticed that in some places on the avenue he had double rows of pipe near certain street intersections, and ordered him to remove them at once; also that hereafter only one row of pipe would be permitted to be stored on the street at any time.

On the 14th inst. I issued to the Tubular Dispatch Co. a permit to take up the pavements and to excavate in 4th Avenue from 14th to 24th Street; thence along 24th Street to Madison Avenue, etc., for the purpose of laying and maintaining two pneumatic tubes and appurtenances under the streets for the transmission of mail and other matter, this permit being a modification or change of the route contained in the permit issued to said Company July 8th, 1897.

The average daily consumption of water during the week was 225,000,000 gallons.

Collections by the Water Register, \$131,570.70.
Collections for vault permits, \$3,266.83.
Collections for sewer permits, \$858.32.
Collections for restoring pavements, \$4,574.50.
Collections for permits for sidewalk-sheds, \$10.
Collections for redemption of obstructions, \$4.50.

Changes in the working force: 3 laborers promoted to foremen.

Charles H. D. Collins
Commr.

Department of Public Works,
Commissioner's Office.

No. 150 Nassau Street,

New York, Oct. 19th 1897. 189

COPY.

Memorandum for Mr. North.

Memo. for Harbor Asphalt Paving Co.

Keep the intersection at 27th St. open and unobstructed by any old material of any kind.

Go ahead with your concrete to the north line of the 26th St. intersection. When concreted, bridge it over. When ready for surfacing, lay your asphalt.

Then we can turn all the traffic off at 26th St. to Madison Avenue or Broadway and have a straight away up the Avenue for our repaving.

C.H.T.C.

Concrete Intersection 27th St., Saturday. Plank and open Saturday night.

C.H.T.C.

Department of Public Works,

Commissioner's Office,

No. 150 Nassau Street,

New York, Oct. 19th 1897. 189

COPY.

Memo. for Barber Asphalt Paving Co.

Concrete intersection 26th and 32nd Sts., Wednesday. Plank, and open Thursday.

Concrete intersection 31st St., Thursday and plank and open Friday.

Concrete intersection 30th St., Friday and plank and open Saturday.

Concrete intersection 33rd St., Saturday. Plank and open Saturday midnight.

Concrete intersection 29th St., Saturday. Plank and open Saturday midnight.

C.H.T.C.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending October 23, 1897

On the 18th inst. I wrote to the Corporation Counsel, asking whether the Act "to regulate, improve and enlarge Park Avenue, above 106th Street," contemplates the grading of the spaces outside the exterior lines of the parapet walls of the depressed cut of the railroad in such a manner that, when the cut is filled up and repaved, the entire roadway of Park Avenue from curb to curb will have a uniform grade. I pointed out that if this could not be done under the Act, and the depressed cut should be filled in and repaved on the established grade, the spaces on either side of the parapet walls would, at various distances apart, be from two to four feet above and below grade according to the actual surface grade as it now exists, and I asked him to advise me whether this Department has power to prevent the improvement being carried out unless the spaces outside the exterior lines of the parapet walls are included and brought to uniform grade, or what other action this Department ought to take in the matter in view of the fact that if the spaces on either side of the cut are not graded, a canal will be formed in the roadway, transverse traffic at street intersections will be impeded, and this Department will be confronted with a public nuisance instead of the public benefit intended to be conferred by the improvement of Park Avenue. We have no means of doing any of the work ourselves.

Of October 18th I wrote to the Comptroller stating that owing to the great demand for broken stone in consequence of the unprecedented amount of work now being done in this City by municipal authorities and private corporations, the repaving of streets is being greatly delayed by our inability to procure broken stone. Our Consulting Engineer recommends that gravel be used in place of broken stone as it makes equally good pavement. I therefore asked the Comptroller to consent to the modification of the paving contracts to the extent of substituting gravel for broken stone so that the paving works under contract may be pushed vigorously.

On the same date I asked the Chief of Police to notify the Captain of the Police Precinct in which Long Acre Square is located to remove and keep removed from said square such "live encumbrances" as moving vans and furniture wagons. I have recently improved Long Acre Square by removing the old centre-bearing rails and resurfacing the entire area with asphalt, and I am now erecting ornamental columns with clusters of Wellsbach lights and intend to make it a most attractive spot. I am therefore anxious to keep it clear of unsightly obstructions.

Collections by the Water Register, \$72,983.82.
 Collections for vault permits, \$160.
 Collections for sewer permits, \$542.33.
 Collections for restoring pavements, \$2,229.50.
 Collections for permits for sidewalk sheds, \$15.
 Collections for redemption of obstructions, \$5.

The average daily consumption of water was 225,000,000 gallons.

Changes in the working force: 9 laborers appointed; 2 gardeners appointed and 1 laborer reinstated.

On the 20th inst. I notified all corporations who have pipes and other underground structures in the streets of this City that no permits to open said streets will be issued, except emergency permits, to repair dangerous leaks, after the 30th day of November, 1897.

Charles H. T. Collins
 Commissioner

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending *October 30,* 189*7.*

The Aqueduct Commissioners have transferred to the care of this Department the main and auxiliary dams and reservoirs, designated as Reservoir "D", near Carmel, Putnam County, New York, together with the land acquired therefor.

The contract for paving with asphalt 81st Street, from 1st to 3rd Avenue, and from Park to Madison Avenue, was awarded to the Warren-Scharf Asphalt Co. The lowest bids were a tie between the Asphalt Construction Company and the Warren-Scharf Asphalt Co. at the price of \$2.06 per square yard. The Asphalt Construction Company relinquished its claim to the contract, and it was therefore awarded to the Warren-Scharf Asphalt Paving Co. as the price is moderate and not above the prices at which contracts for asphalt repaving have been awarded to the lowest bidders during the present paving season.

The average daily consumption of water for the week was 225,000,000 gallons.

Collections by the Water Register, \$102,900.37.
Collections for vault permits, \$2,916.
Collections for sewer permits, \$876.96.
Collections for restoring pavements, \$2,225.76.
Collections for redemption of obstructions, \$1.
Collections for permits for sidewalk sheds, \$35.

Changes in the Working Force: 3 Inspectors of flagging appointed.

Charles S. D. Collins
Commissioner

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending November 6th, 1897.

The contract for building the public bath on Rivington Street near Goerck Street, for which bids were received and opened on the 21st ultimo has been awarded to the lowest bidder, Mr John F. Johnson, at the sum of \$95,700, subject to the Comptroller's approval of the sureties.

The average daily consumption of water for the week was 225,000,000 gallons.

Collections by the Water Register, \$47,224.98.
Collections for vault permits, \$5,989.96.
Collections for sewer permits, \$516.70.
Collections for restoring pavements, \$736.25.
Collections for permits for sidewalk sheds, \$5.
Collections for redemption of obstructions, \$1.

Changes in the working force: 3 carpenters appointed; 2 inspectors appointed; 1 laborer promoted to assistant foreman.

Charles A. D. Collis
Commr.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending November 23, 1897.

On the 8th inst. I wrote to the Comptroller regarding several streets recommended by me to the Board of Estimate and Apportionment for repaving with asphalt, and referred to him by that Board for reconsideration. I stated to the Comptroller that I drive a great deal over the City and find that my horse has a surer foothold on the asphalt than on the granite. It has been the experience of London and Paris that when this animal became educated to travelling over smooth pavements he seldom slipped, and the question of grade is getting of less consequence every day as the territory of asphalt increases. I would like to have this matter talked out at the next meeting of the Board of Estimate and Apportionment, and I have asked the Comptroller to bring the subject up for that purpose. I have no objection to substituting asphalt blocks for sheet asphalt, as I think the surface a little rougher.

The Fire Department having questioned the authority of this Department to grant permits to make fires in the public streets for heating tar and other material, I submitted the matter to the Counsel to the Corporation for his advice. He advises me that this Department may issue permits to place kettles on the streets, but as soon as a fire is built under a kettle, it is necessary to obtain a permit from the Fire Commissioners who, by section 452 of the New York City Consolidation Act, are given jurisdiction over all fires built in the streets. In accordance with this opinion, permits will hereafter be issued by this Department only to place kettles in the streets, and will contain the provision that before a fire can be lighted under a kettle, the permit therefor must be approved by the Fire Department or by the Inspector of Combustibles representing said Department.

I am advertising for sale at public auction on Wednesday, November 24th, 5,000 old granite blocks and 360 lineal feet of old bridge stone at the yard foot of Delancey Street and East River; and 250,000 old paving blocks at the yard at 69th Street and East River.

On the 8th inst. I forwarded to the Comptroller, for his approval of the sureties thereon, the following proposals, being the lowest received for the respective works at a public letting at this office on the 29th ultimo:

Thomas Murray--Sewer in 116th Street, between Kingsbridge Avenue and the Boulevard, etc; \$9,420.01.

Edward A. McQuade--Alteration and improvement to sewer in Central Park South, between 5th and 6th Avenues; \$34,860.60.

Thomas Murray--Sewer in Fort Washington Avenue, extending about 1,240 feet from Kingsbridge Road; \$16,150.16.

Edward A. McQuade--Sewers in Washington Street, between King and Leroy Streets; \$4,395.93.

Robert C. Nicholson--Regulating and grading 116th Street, from the Boulevard to Riverside Drive; \$2,254.10.--Regulating and grading 120th Street, from the Boulevard to Riverside Drive; \$2,731.44.

Thomas J. McLaughlin--Regulating and grading 140th Street, from 7th Avenue to the Harlem River; \$9,117.79.

Patrick McInerney--Regulating and grading West 188th Street, from Amsterdam to Audubon Avenue; \$6,292.10.

Walter J. Ford--Flagging the sidewalks on 98th Street, between West End Avenue and Riverside Drive; \$1,256.64.

Letting of November 9th.

Barber Asphalt Paving Co.--Paving with asphalt Wall Street, from Hanover to Pearl Street, \$3.47 per square yard.

Warren-Scharf Asphalt Paving Co.--Paving with asphalt Mercer Street, from 3rd to 4th Avenue; \$3.60 per square yard.

Barber Asphalt Paving Co.--Paving with asphalt the Boulevard (west side) from 108th to 110th Street; \$3.09 per square yard.--West End Avenue, from south side of 76th to south side of 79th Street, \$3.07; 12th Street, from 6th to 7th Avenue, \$3.13 per square yard.

Sicilian Asphalt Paving Co.--Paving with asphalt 48th Street, from 8th to 11th Avenue, etc., \$3.07. per square yard.

California Asphalt Company--Paving with asphalt 51st Street, from 6th to 8th Avenue, \$3.05 per square yard.

Warren-Scharf Asphalt Paving Co.--Paving with asphalt 64th Street, from Park to 3rd Avenue, etc., \$3.07 per square yard.

Barber Asphalt Paving Co.--Paving with asphalt 68th Street, from Central Park West to Columbus Avenue, \$3.08 per square yard.

Warren-Scharf Asphalt Paving Co.--Paving with asphalt 66th Street, from the Boulevard to Amsterdam Avenue, etc., \$3.07. per square yard.

Fruin-Bambrick Construction Co.--Paving with asphalt 68th Street, from 1st to 3rd Avenue, \$3.08. per square yard.

Barber Asphalt Paving Co.--Paving with asphalt 74th Street, from 1st to Park Avenue, \$3.14 per square yard.

California Asphalt Co.--Paving with asphalt 82nd Street, from Columbus Avenue to the Boulevard, \$3.06 per square yard.

Barber Asphalt Paving Co.--Paving with asphalt 83rd Street, from 5th to Madison Avenue, \$3.05 per square yard.--85th Street, from Central Park West to Amsterdam Avenue, \$3.09 per square yard.

Hastings Pavement Co.--Paving with asphalt blocks 114th Street, from Amsterdam Avenue to Riverside Drive, \$2.33.

Warren-Scharf Asphalt Paving Co.--Repairing and maintaining asphalt pavement in West End Avenue, from the north side of 99th to the south side of 104th Street--ten years at 9 cents per square yard per annum.

The average daily consumption of water during the week was 225,000,000 gallons.

Collections by the Water Register, \$51,444.94.
 Collections for vault permits, \$313.26.
 Collections for sewer permits, \$1,026.58.
 Collections for restoring pavements, \$5,004.75.
 Collections for permits for sidewalk-sheds, \$25.
 Collections for redemption of obstructions, \$11.50.

Changes in the Working Force: 6 teams and five horses and carts discharged on account of necessary reduction of force; 1 first grade clerk promoted to second grade; 1 assistant tapper promoted to tapper; 1 tapper's helper promoted to assistant tapper; 1 blacksmith's helper appointed; 1 blacksmith's helper removed.

Charles H. Collins
 Commr

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending November 20, 1897.

In consequence of a report made to me by the Chief Engineer that the Aqueduct had been broken in excavating rock under the contract for regulating, grading, etc., Edgecombe Avenue, I on the 17th inst. ordered the contractors for said work to stop all rock excavation by blasting within 25 feet of the centre of the Aqueduct on either side, to immediately clear out the rock in the Aqueduct, and to move the tracks and materials off the Aqueduct in order that it may be repaired and strengthened before winter sets in.

On the 18th inst. I called the attention of the Chief of Police to the fact that the glass of the public lamps on 111th Street, between 5th and Lenox Avenues, is constantly broken by mischievous boys, and requested that the Captain of that Precinct, as well as the Captains of all other Precincts, be again admonished of the necessity of vigilance to protect and prevent such frequent breaking of the public lamps in the future.

The City has acquired title in fee to certain lands in the 12th Ward for the purpose of the construction of the south 3rd Avenue approach to the bridge over the Harlem River, connecting the northerly end of 3rd Avenue in the 12th Ward of said City with the southerly end of 3rd Avenue in the 23rd Ward, pursuant to the provisions of Chapter 413 of the Laws of 1892, and the various statutes amendatory thereof.

On the 17th inst. I declared abandoned the contract of Joseph A. Barry for "Flagging, curbing and recurbing the sidewalks on 8th Avenue, from 13th to 59th Street; on the west side of Central Park West, from 59th to 110th Street, and on 8th Avenue, from 110th Street to the Harlem River," because the work was unnecessarily and unreasonably delayed in violation of the provisions of the contract. Proposals for finishing the work will be advertised for and a new contract will be entered into without delay.

Pursuant to the provisions of Chapter 381 of the Laws of 1865, I have transmitted to the Comptroller and to the Clerk of the Common Council for filing in their offices a map of amendments to sewerage districts Nos 27 D., 5 Y., 8 B. R., 12 C. Z., and 4 D. B.

I have notified the Secretary to the Armory Board that this Department is again in receipt of a complaint from the Superintendent of Buildings regarding the unsafe condition of the wooden stairway in the 22nd Regiment Armory, leading from the first to the upper floors, and have asked him to bring the matter up at the next meeting of the Armory Board, no expenditure for the work having been authorized by the Armory Board or by the Board of Estimate and Apportionment when, on the previous complaint, the Superintendent of Repairs and Supplies recommended that the stairway be strengthened.

I have requested the Comptroller to refund to Messrs Brown and Fleming the sum of \$201, being the amount paid by them for 134,000 paving blocks at \$1.50 per thousand, in excess of the quantity delivered to them as purchasers of "about 750,000 paving blocks" at public auction on August 12th, 1897.

On the 20th inst. I declared abandoned the contract of William E. Dean for "regulating, grading, curbing and flagging Emerson Street, from Seaman Avenue to Amsterdam Avenue," because he has failed to excavate rock to subgrade two feet below the established grade and in sections of not less than 100 feet at a time for the full width of the street, and for failure to allow the same to be examined by the surveyor before placing filling thereon; also for violating the terms of his contract by failing to make proper progress with the work, the contract time having been exceeded by over 530 days.

I have granted to the New York and Harlem Railroad Company and to the Metropolitan Street Railway Company as its lessee a permit to take up the pavement and excavate such portion of 86th Street along the line of the railroad of the New York and Harlem Railroad Company as is now constructed and operated in the City of New York, between Madison and Second Avenues, as may be necessary for the purpose of converting said line of railroad to an electric railroad to be operated by an underground

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current of electricity. I have also granted to the Metropolitan Street Railway Company a permit for a similar change of motive power on 106th Street, between Columbus and Amsterdam Avenues.

On the 20th inst. I declared abandoned the contract of Thomas J. McLaughlin for "Regulating, grading, curbing and flagging 178th Street, between Amsterdam Avenue and Kingsbridge Road," because he had exceeded by more than 180 days the time allowed for the completion of the work without finishing the same.

In accordance with advice received from the Counsel to the Corporation, I on the 19th inst. wrote to the President of the Board of Aldermen, requesting that said Board pass a resolution authorizing the Commissioner of Public Works to lay a strip of cork on each side of the carriageway of 5th Avenue, next to the curb, from 34th Street to the north side of 36th Street, at an expense not exceeding \$1,600, the work to be done without contract at public letting as required by Section 64 of the New York City Consolidation Act of 1882.

The average daily consumption of water for the week was 225,000,000 gallons.

Collections by the Water Register, \$47,696.88.
Collections for sewer permits, \$658.11.
Collections for restoring pavements, \$2,017.25.
Collections for vault permits, \$1,785.82.
Collections for redemption of obstructions, \$6.50.
Collections for permits for sidewalk sheds, \$35.

Changes in the working force: 10 laborers appointed; 1 rammer reduced to laborer; 1 laborer and 1 inspector resigned.

Charles V. D. Leslie
Com

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending November 27th 1897

I have transmitted for file in the Finance Department the following assignments, approved, without guarantee as to amount: The Asphalt Construction Company to the California Asphalt Co--Contract for repaving 8th Avenue or Central Park West, from the northerly side of 59th Street to the southerly side of 110th Street; Henry M. Potter to M. J. Dady-- All moneys due or to grow due under contract for furnishing the Department of Public Works with about 13,000 lineal feet of curbstones.

In consequence of complaint made to this Department regarding defective pavement and escape of steam in Gold Street, near Fulton Street, the Consolidated Telegraph and Electrical Subway Company have been notified to relay the pavement in Gold Street, between Fulton and John Street, from curb to curb, and the New York Steam Company have been directed to repair the leak in their steam pipe.

The average daily consumption of water for the week was 220,000,000 gallons.

Collections by the Water Register, \$28,199.09.
Collections for restoring pavements, \$4,365.25
Collections for redemption of obstructions, \$12.50
Collections for permits for sidewalk-sheds, \$15.
Collections for sewer permits, \$428.40.
Collections for vault permits, \$1,490.32.

Changes in the working force: 10 laborers appointed.

The reservoir at 42nd Street will not be used after this week.

Two hundred fine trees have been planted in 7th Avenue, between 110th and 150th Streets, and in Lenox Avenue, between 110th and 145th Streets. The trees are from 3 to 5 inches in diameter and cost \$4 each.

Charles H. D. Collins
Commr.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending December 4th 1897

The following contracts have been awarded to the lowest bidders, subject to the Comptroller's approval of the sureties thereon:

Paving with asphalt on concrete foundation:

- Stone & Thurston-100th Street bet. 1st & 2nd Avenues--\$2.99 per sq. yd.
California Asphalt Co.-Claremont Avenue bet. 116th & 127th Sts. \$2.99 per sq. yd.
Hastings Pavement Co.-127th St. bet. St. Nicholas Terrace and Lawrence Street. \$2.95 per sq. yd.
" " " Convent Avenue bet. 127th and 141st Streets, \$2.95 per sq. yd.
Thilemann & Smith- Macadam Pavement on Dyckman Street bet. Kingsbridge Road and the Speedway, \$1.28 per sq. yd.
James Pollock- Granite pavement on concrete foundation on 54th St. bet., 11th & 12th Ave's \$2.79 per sq. yd.
" " on 101st St., 1st Ave. to Harlem River \$2.78 per sq. yd.
" " on 143rd St. from Boulevard to Hudson River Railroad, \$2.84 per sq. yd.
Wm. P. Baird- on 127th St. bet. St. Nicholas Ave. and St. Nicholas Terrace \$3.19 per sq. yd.

On the 29th inst., the contract of Patrick Costello for building sewers in 20th Street from 10th Avenue to Hudson River etc., was declared abandoned in consequence of unnecessary delay in the prosecution of the work, and the remainder of the work is now being advertised for reletting.

Collections by the Water Register	\$50,454.52
" for vault permits	5,840.62
" for sewer permits	1,334.24
" for restoring pavements	1,127.50
" for permits for sidewalks sheds	35.00
" for redemption of street obstructions	4.50

Charles A. Collins
Commissioner

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending December 11, 1897.

Authority having been obtained from the Board of Aldermen to perform the work of fitting up new offices for the Sheriff in the Stewart Building, without advertisement and public letting, at an expense not exceeding \$6,000, the contract for the work has been awarded to Mr John T. Brady at \$5,333.33.

Bids will be received at this office until noon on Thursday, December 23rd, for furnishing all the labor and materials necessary to erect and complete a viaduct with its approaches on the extension of Riverside Drive, from near 127th Street and over and upon 12th Avenue to near 135th Street. The bids will be publicly opened at the Mayor's office immediately after they are received.

The average daily consumption of water for the week was 220,000,000 gallons.

Collections by the Water Register, \$37,556.54.

Collections for vault permits, \$2,327.66.

Collections for sewer permits, \$718.74.

Collections for restoring pavements, \$1,554.50.

Collections for permits for sidewalk-sheds, \$20.

Collections for redemption of street obstructions, \$12.

Changes in the working force: 1 male cleaner, 1 female cleaner and 3 carpenters (temporarily) appointed.

Charles A. Collins
Comm.

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending December 20th 1897

Contracts awarded to the lowest bidders subject to the
Controllers approval of the sureties thereon:

E. A. Mc'Quade--Alterations and Improvement to Sewer in Park
Avenue, between 70th and 72nd Streets etc., \$11,123.00

Cunningham & Kearns--Sewers in Avenue C. between 2nd and 4th
Streets, \$3,741.40.

Fred. E. Glasser--Sewer in Claremont Avenue between 122nd
and 125th Streets, \$7,192.00.

Bart. Dunn--Outlet Sewer for Sewer District #27, through
201st Street etc., \$51,847.50.

Martin Lipps--Laying water-mains in Fort George Avenue, 233rd
Street etc., \$22,745.25.

Thomas Callanan--Flagging etc. on 5th Avenue from 110th to
120th Streets, \$1,791.06.

Ficklen & Seib--Flagging etc. on 8th Avenue from 13th to
59th Streets etc. \$25,417.48.

James Flannagan--Regulating, grading etc. 180th Street from
Amsterdam Avenue to Kingsbridge Road, \$10,075.10.

The average daily consumption of water for the week was--
220,000,000 gallons.

Collections by the Water Register	\$41,627.40
" for vault permits	1,870.02
" for sewer permits	322.92
" for restoring pavements	3,212.75
" for permits for sidewalk sheds	20.00
" for redemption of obstructions	10.00

Charles W. D. Collins
Comr

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

WEEKLY SYNOPSIS FOR THE INFORMATION OF THE MAYOR.

Week ending..... December 25,..... 1897.

The following contracts have been awarded to the lowest bidders on bids received at public letting on the 15th inst:

To the Fruin Bambrick Construction Co--

For asphalt pavement on Oliver Street, from Cherry to Madison Street, \$4.45 per square yard; on Pell Street, from the Bowery to Mott Street, \$3.50 per square yard; on 72nd Street, from 5th to Madison Avenue, \$3.14 per square yard.

To the Sicilian Asphalt Paving Co--

For asphalt pavement on 21st Street, from 8th to 10th Avenue, \$3.11 per square yard.

To the Barber Asphalt Paving Co--

For asphalt pavement on 34th Street, from 8th to 9th Avenue, \$3.37 per square yard; on intersection of 34th Street and Park Avenue, \$3.29 per square yard.

To the California Asphalt Co--

For asphalt pavement on 43rd Street, from 8th to 9th Avenue, \$3.12 per square yard; on 49th Street, from 9th to 10th Avenue, \$3.12 per square yard.--For asphalt block pavement on 24th Street, from Madison to 1st Avenue, \$3.31 per square yard.

To the Warren-Scharf Asphalt Paving Co--

For asphalt block pavement on Boulevard Lafayette, from 11th Avenue to 158th Street, \$3.25 per square yard.

Thomas Murray--

For sewers in 178th Street, between Amsterdam Avenue and Kingsbridge Road, \$15,210; and in 180th Street, between Amsterdam Avenue and Kingsbridge Road, \$15,376.50.

Certificate has been made to the Board of Estimate and Apportionment in compliance with section 669 of the Laws of 1896, that all the necessary changes in the water-mains and connections for the removal of the 42nd Street Reservoir have been made.

Vault permits have been issued in 1897 to date for 119,412.29 square feet, for which \$237,182.18 has been received.

The average daily consumption of water during the week was 225,000,000 gallons.

Collections by the Water Register, \$23,661.25.

Collections for vault permits, \$1,330.

Collections for sewer permits, \$340.20.

Collections for restoring pavements, \$7,677.00.

Collections for permits for sidewalk sheds, \$5.

Collections for redemption of obstructions, \$10.

Changes in the working force: 7 laborers removed; 1 laborer resigned

Charles H. T. Callis