TOWN OF RIVERHEAD
SUFFOLK COUNTY, NEW YORK

2015 ANNUAL CONSTRUCTION CONTRACT

March 2015

Prepared By:
Engineering Department
Town of Riverhead
1295 Pulaski Street
Riverhead, NY 11901
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TABLE OF CONTENTS

2015 ANNUAL CONSTRUCTION CONTRACT

TOWN OF RIVERHEAD
200 HOWELL AVENUE
RIVERHEAD, NY 11901
SUFFOLK COUNTY

NOTICE TO BIDDERS
INSTRUCTION TO BIDDERS
PROPOSAL FORM
BID FORM
FORM OF BID BOND
CONDITIONS OF CONTRACT
GENERAL CONDITIONS
TECHNICAL SPECIFICATIONS
FORM OF CONTRACT

TOWN OF RIVERHEAD

Resolution # _____

AUTHORIZES TOWN CLERK TO POST AND PUBLISH THE ATTACHED NOTICE TO BIDDERS FOR ANNUAL CONSTRUCTION CONTRACT

Drop Down for Councilperson offered the following resolution,

which was seconded by Drop Down for Councilperson

RESOLVED, that the Town Clerk be and is hereby authorized to post and publish the attached Notice to Bidders for the ANNUAL CONSTRUCTION CONTRACT in the March 26, 2015 issue of the official Town newspaper; and

BE IT FURTHER RESOLVED, that the Town Clerk be and is hereby authorized to forward a copy of this resolution to Engineering, Purchasing Department, and the Office of Accounting.

BE IT FURTHER RESOLVED, that all Town Hall Departments may review and obtain a copy of this resolution from the electronic storage device and, if needed, a certified copy of same may be obtained from the Office of the Town Clerk.

THE VOTE

Wooten ☐Yes ☐No Dunleavy ☐Yes ☐No
Giglio ☐Yes ☐No Gabrielsen ☐Yes ☐No
Walter ☐Yes ☐No

The Resolution Was ☐ Was Not☐
Thereupon Duly Declared Adopted

TOWN OF RIVERHEAD
NOTICE TO BIDDERS

Sealed proposals for the Annual Construction Contract must be submitted to the Office of the Town Clerk at Riverhead Town Hall, 200 Howell Avenue, Riverhead, New York until 4:00 pm on April 23, 2015 and will be publicly opened and read aloud at 11:00 am on April 24, 2015 in the Office of the Town Clerk.

Plans and specifications may be examined and/or obtained on or about March 26, 2015 by visiting the Town of Riverhead website: www.townofriverheadny.gov and click on Bid Requests.

Each proposal must be submitted on the form provided and must be in a sealed envelope clearly marked, “Annual Construction Contract”.

Please take further notice, that the Town Board reserves the right to reject in whole or in part any or all bids, waive any informality in the bids and accept the bid which is deemed most favorable in the interest of the Town of Riverhead. The Town Board will use its discretion to make judgmental determination as to its best estimate of the lowest bidder. Note: Bid responses must be delivered to Office of the Town Clerk at the address above. The Town may decline to accept, deem untimely and/or reject any bid response/proposal that is not delivered to the Office of the Town Clerk.

BY ORDER OF THE RIVERHEAD TOWN BOARD
DIANE M. WILHELM, TOWN CLERK
Riverhead, NY 11901

Dated: March 18, 2015

INSTRUCTIONS TO BIDDERS

1. **Receipt and Opening of Bids.**
2. **Form, Preparation and Presentation of Proposal.**
3. **Bid Security.**
4. **Qualifications of Bidders.**
5. **Rejection of Bids.**
6. **Withdrawal of Bid.**
7. **Bidder's Responsibility.**
8. **Construction Terms and Conditions.**
9. **Security for Faithful Performance.**
10. **Foreign Contractors.**
11. **Lien Law.**
12. **Subcontractors and Suppliers.**
13. **Penal Law.**
14. **Refusal to Waive Immunity.**
15. **Addenda and Interpretations.**
16. **Liquidated Damages.**
17. **Exemption from Sales and Use Taxes.**
18. **Method of Award.**
19. **Time for Commencement of Work.**
20. **Payments.**
21. **NYS Labor Law.**
22. **NYS Wage Rates.**
23. **Insurance Required by the Town of Riverhead.**
24. **Term of Contract.**
25. **Certified Payroll Records.**
26. **No Lien & Wage Disclaimer.**

INSTRUCTIONS TO BIDDERS

1. RECEIPT AND OPENING OF BIDS

Pursuant to Town Board Resolution, the Town of Riverhead invites bids on the forms herein provided for the 2015 Annual Construction Contract, with associated time, date and place indicated in the Notice to Bidders.

2. FORM, PREPARATION AND PRESENTATION OF PROPOSAL

In submitting the bid, the bid sheets furnished are to be filled in but not detached from the Contract Form. In no case is the Contract Form to be filled in or signed by the bidder. The complete bid for this work shall be enclosed in a sealed envelope properly endorsed. All blank spaces for bid prices must be filled in, in ink, in both words and figures, with the total or gross sum for which the bid is made. Bids that contain any omission, erasure, alteration, addition or items not called for in the itemized proposal form or that contract irregularities of any kind may be rejected. In case of discrepancy between the unit price and total amount bid for any item, the unit price, as expressed in words, shall govern.

3. BID SECURITY

(A) The bid must be accompanied by a certified check on the solvent bank or trust company with its principal place of business in New York State, or an acceptable bid bond, in an amount equal to not less than five percent (5%) of the total bid, made payable to the Town of Riverhead (herein identified as the Town), as assurance that the bid is made in good faith. The certified checks or bid bonds will be returned after execution of the contract between the Town and the successful bidder; the certified check or bid bond of the successful bidder will be retained until filing and approval of the Performance Bond and until the completion of ten percent (10%) of the work under the contract.

(B) The successful bidder, upon his failure or refusal to execute and deliver the contract insurance and bonds required within fourteen (14) days after the date of notice of acceptance of his bid, shall forfeit to the Town, as liquidated damages for such failure or refusal, the security deposited with his bid.

(C) Each proposal must also be accompanied by a Letter of Intent from a surety company acceptable to the Town, which letter shall assure the Town that the bidder, if awarded the Contract, will be able to secure from the surety the required bonds in the required amounts.

4. QUALIFICATIONS OF BIDDERS

(A) Forms or qualifications of bidders, giving evidence of sufficient facilities, equipment, experience and financial ability to insure completion of the work will be provided, and the three lowest bidders shall be prepared to file at the option of

the Town said form, properly filled in and sworn to in the Office of the Town Clerk within seven (7) days after the opening of bids.

(B) Information contained in any statement of financial ability shall be not more than thirty (30) days old at the time of submission. If a financial statement is already on file with the Town Clerk, a new one need not be submitted provided the information contained therein is not more than thirty (30) days old at the time of the opening of bids and provided the contractor has not materially changed since submission of said statement.

5. REJECTION OF BIDS

(A) The Town Board reserves the right to reject any bid if the evidence submitted in the qualifications statement of an investigation of such bidder fails to satisfy the Town Board that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein. Conditional bids will not be accepted.

(B) The Town Board reserves the right to reject any and all bids, in whole or in part, to waive any information in any or all bids, and to accept the bid or part thereof which it deems most favorable to the Town after all bids have been examined and/or checked. No bid shall be withdrawn for a period of forty-five (45) days after being publicly opened and read.

(C) The Town Board reserves the right to reject any bids, in whole by a low bidder in which the owner of the low bidder has violated Prevailing Wage and Supplemental Payment Requirements of the Labor Law, and any other labor provisions, including but not limited to child labor violations, failure to pay wages, or unemployment insurance tax delinquencies within the past five (5) years. An owner is defined in this paragraph as an individual who owns more than 50% of a past or present company.

6. WITHDRAWAL OF BID

(A) Any bid may be withdrawn prior to the Bid Opening Date and Time specified above or authorized postponement.

(B) Bids may not be withdrawn before forty five (45) days after the Bid Opening Date and Time, unless a clerical mistake or error is claimed by the Bidder.

(C) If a Bidder claims to have made a clerical mistake or error in his Bid, he shall notify the Owner within the time limitations set forth in General Municipal Law Section 103 (11) (a) together with all documentary evidence in support of the Bidder's claim of a bid mistake or error.

7. BIDDER'S RESPONSIBILITY

(A) The Bidder shall include the complete cost of furnishing all materials, labor and equipment necessary to complete the work in accordance with the plans and specifications, including all other expenses incidental thereto.

(B) Bidders must examine the plans and specifications and exercise their own judgement as to the nature and amount of the whole of the work to be done, and for the bid prices, must assume all risks of variance by whomever made in computation or statement of amounts or quantities necessary to fully complete the work in strict compliance with the contract documents.

(C) The contractor shall assume all risks and responsibility and shall complete the work in whatever material and under whatever conditions he may encounter or create, without extra cost to the Town.

(D) No plea of ignorance or misunderstanding of conditions that exist or that may hereafter exist, or of conditions or difficulties that may be encountered in the execution of the work under this contract, as a result of failure to make the necessary examinations and investigations, will be to fulfill in every detail all of the requirements of the contract documents, or will be accepted as a basis for any claims whatsoever for extra compensation or for extension of time.

8. CONSTRUCTION TERMS AND CONDITIONS

The successful bidder is warned that the work specified in the Conditions of Contract, together with the Information to Bidders, Form of Bid, Plans and Specifications and Instruction of the Town Engineer, or his duly authorized representative, will be strictly enforced.

9. SECURITY FOR FAITHFUL PERFORMANCE AND MAINTENANCE

The successful bidder will be required to execute a Performance Bond at the signing of this contract. The cost of associated bonding, shall be included in the cost of the unit and extended price items. At the point where the Town Engineer determines that the construction is substantially complete, a letter will be issued to the Contractor declaring substantial completion, at that time, the Contractor shall begin the process of obtaining a Maintenance Bond dated to be valid for one year beyond the date of Substantial Completion. Performance bonding will be determined by the Town Engineer or authorized representative on a project-by-project basis.

10. FOREIGN CONTRACTORS

Foreign contractors must comply with the provisions of Articles 9A and 16 of the Tax Law, as amended, prior to submission of a bid for the performance of this work. The certificate of the New York State Tax Commission to the effect that all taxes have been

paid by the foreign contractor shall be conclusive proof of the payment of taxes. The term "foreign contractor" as used in this subdivision means in the case of an individual, a person who is a legal resident of another state or foreign country; and in the case of a foreign corporation, one organized under the laws of a state other than the State of New York.

11. LIEN LAW

Attention of all persons submitting bids is specifically called to the provisions of Section 25, Subdivision 5, Section 25A and 25B of the Lien Law, as amended, in relation to funds being received by a contractor for a public improvement declared to constitute trust funds in the hands of such contractor to be applied first to the payment of certain claims. Pursuant to Section 220-a of the Labor Law all contractors and subcontractors and subcontractors to subcontractors shall file an affidavit attesting to the payment to employees.

12. SUBCONTRACTORS AND SUPPLIERS

Within five days after receipt from the Town Engineer, or his representative, of notice to begin work, the contractor will furnish written notice of names of all subcontractors to be employed on the project and the general items of work to be dome by them. Simultaneously, the contractor shall furnish written notice of the names and suppliers of materials to be used on the project. The town may disapprove, for good cause, any subcontractor or material supplier selected by the contractor by giving written notice of its disapproval within five (5) days after receiving the names of subcontractors and material suppliers, to the contractor who shall thereupon promptly notify the town of the names of the subcontractor or material supplier selected in replacement which shall again be subject to approval by the town.

13. PENAL LAW

Attention is called to Section 1918 of the Penal Law as follows:

Construction or blasting near pipe conveying combustible gas

No person shall discharge explosives in the ground, nor shall any person other than a state or county employee regularly engaged in the maintenance and repair thereof excavate in any then existing street, highway, or public place, unless notice thereof in writing shall have been given at least seventy-two (72) hours in advance to the person, corporation or municipality engaged in the distribution of gas in such territory. The person having direction or control of such work shall give such notice, and further he shall ascertain whether there is within one hundred (100) feet in such street, highway or public place, or in the case of a proposed discharge of explosives within a radius of two hundred (200) feet of such discharge, any pipe of any other person, corporation or municipality conveying combustible gas, and if thereby any such pipe, he shall also five such notice to any other such person, corporation or municipality. Provided, however,

that in any emergency involving danger to life, health, or property it shall be lawful to excavate without using explosives if the notices prescribed herein are given as soon as reasonably possible, and to discharge explosives to protect a person or persons from an immediate and substantial danger of death or serious personal injury is such notices are given before any such discharge is undertaken. Any such work shall be performed in such manner as to avoid danger to any pipe conveying combustible gas. Any violation of the provisions of this section shall be a misdemeanor.

14. REFUSAL TO WAIVE IMMUNITY

Pursuant to the provisions of Section 103-A of the General Municipal Law, in the event that the bidder or any members, partner, director or officer of the bidder, should refuse when called before a grand jury to testify concerning any transaction or contract had with the State, any political subdivision thereof, a public authority or with any public department, agency or official of the State, of any political subdivision thereof or of an authority, to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant questions concerning such transaction or contract, such person, and any firm, partnership or corporation of which he is a member, partner, firm director or officer shall be disqualified from thereafter selling to or submitting bids to or receiving awards from or entering into any contracts with any municipal corporation or any public department, agency, or official thereof, for goods, work or services, for a period of five (5) years after such refusal, and any and all contracts made with any municipal corporation or any public department, agency or official thereof on or after the first day of July, 1959, by, such person and any firm, partnership or corporation of which he is a member, partner, director or officer may be canceled or terminated by the municipal corporation without incurring any penalty or damages on account of such cancellation of termination, but any monies owing by the municipal corporation for goods delivered or work done prior to the cancellation or termination shall be paid.

15. ADDENDA AND INTERPRETATIONS

Every request for information or interpretation of the Contract Documents or Drawings must be addressed in writing to Drew Dillingham, P.E., Assistant Town Engineer, Town of Riverhead, 1295 Pulaski Street, Riverhead, NY 11901, and to be given any consideration, must be received at least five (5) days prior to the date fixed for the opening of bids. Any such interpretations or supplemental instructions will be in the form of written addenda, and will be mailed to all prospective bidders. The failure of any bidder to receive any such addenda will not relieve the bidders of any obligations under his bid as submitted. Any addenda so issued shall become part of the Contract Documents.

16. LIQUIDATED DAMAGES

Liquidated damages in the amount of Five Hundred Dollars and 00 Cents ($500.00) will be assessed for each consecutive calendar day of delay not excusable as provided in the Contract Documents.

17. EXEMPTION FROM SALES AND USE TAXES

In accordance with Chapter 513 of the laws of 1974 adopted by the New York State Legislature, amending Section 1115(a) of the tax law, specifically paragraphs 15 and 16, political subdivisions, as described in subdivision (a) paragraph (L) of Section 1116 of the tax laws, of the State of New York are exempt from the payment of sales and use taxes imposed on tangible personal property within the limitations specified in tax law 115 (a) (15) and (16).

(15) Tangible personal property sold to a contractor, subcontractor or repairman for use in erecting structure or building of an organization described in subdivision (a) of Section 116, or adding to, altering or improving real property, property or land of such an organization, as the terms real property, property and land are defined in the real property tax law; provided, however, no exemption shall exist under this paragraph unless such tangible personal property is to become an integral component part of such structure, building or real property.

(16) Tangible personal property sold to a contractor or repairman for use in maintaining, servicing or repairing real property, or land of an organization described in subdivision (a) of Section 116, as the terms real property, property or land are defined in the real property tax law; provided, however, no exemption shall exist under this paragraph unless such tangible personal property is to become an integral component part of such structure, building or real property.

Contractors entering into contract with the Town of Riverhead shall be exempt from payment of sales and use tax described above. Procedures and forms are available to the contractor direct from the Instructions and Interpretations Unit, State of New York, Department of Taxation and Finance, State Campus, Albany, New York 12227.

18. METHOD OF AWARD

All bids will be compared based on the lowest bid price(s) submitted for the work to be done in addition to the qualifications of the bidder. Bidder may be requested to submit additional information such as references.

Notwithstanding the award of this bid, the TOWN reserves the right to make purchases of materials, equipment, or supplies, or to contract for services, when available, through the county in which the political subdivision or district is located or through any county within the state as set forth in General Municipal Law § 103(3) and the TOWN reserves the

right to make purchases of materials, equipment, or supplies, or to contract for services available pursuant to sections one hundred sixty-one and one hundred sixty-seven of the state finance law through the office of general services as set forth in General Municipal Law § 104 provided such purchase or service may be made upon the same terms, conditions and specifications at a lower price.

19. TIME FOR COMMENCEMENT OF WORK

The bidder, when submitting his bid, must be prepared to commence work not later than ten (10) days after receiving a Town of Riverhead Purchase Order and the scope of work from the Town Engineer or his representative unless the Town Engineer shall authorize a different commencement time.

Work shall commence as stipulated in the construction schedule provided by the Town of Riverhead or alternate schedule provided by the Contractor which alternate schedule is acceptable to the Town Engineer and shall meet the stipulations of this contract. The entire work must be satisfactorily completed and the project improvements available for use within the completion time stipulated. For additional information see Conditions of Contract, Section 5, Time of Completion.

20. PAYMENTS

Upon completion of the work under this contract, the contractor shall notify the Town Engineer of his completion. The Town Engineer will then make a final inspection and submit to the contractor a "punch list" if required. Upon final acceptance of the work by the Town Engineer, the contractor shall be paid one lump sum payment equal to the final progress payment and the amount retained from previous progress payments. The Contractor shall submit monthly progress payments based on items unit price bid quantities or percentage complete for lump sum items as confirmed by the Town Engineer. The Contractor shall review proposed quantities/percentages with site inspector prior to submittal for confirmation of accuracy. Contractor shall submit a Receipt on company letterhead in the amount billed, a signed Town of Riverhead Voucher, Certified Payroll Records, Wage Disclaimer and the No Lien Affidavit attesting to the payment of employees. Payment shall not be processed until all necessary paperwork is received.

21. NYS LABOR LAW

The contractor and each and every subcontractor performing work at the site of the project to which this contract relates shall comply with the applicable provisions of the Labor Law, as amended, of the State of New York.

22. NYS WAGE RATES

The rates of wages determined by the New York State Industrial Commissioner pursuant to the Labor Law, which are to be paid on this project, are set forth herein immediately following.

Andrew M. Cuomo, Governor

., Commissioner

TOWN OF RIVERHEAD

LEISA SOLLAZZO, SR ADMIN ASST
1295 PULASKI STREET
RIVERHEAD NY 11901

Schedule Year	2014 through 2015
Date Requested	02/25/2015
PRC#	2015001759

Location	VARIOUS THROUGHOUT TOWN
Project ID#	
Project Type	BID OUT VARIOUS CONSTRUCTION ITEMS WITH LABOR TO BE USED AT VARIOUS TOWN FACILITIES FOR REPAIR/MAINTENANCE AND/OR RENOVATION PROJECTS

PREVAILING WAGE SCHEDULE FOR ARTICLE 8 PUBLIC WORK PROJECT

Attached is the current schedule(s) of the prevailing wage rates and prevailing hourly supplements for the project referenced above. A unique Prevailing Wage Case Number (PRC#) has been assigned to the schedule(s) for your project.

The schedule is effective from July 2014 through June 2015. All updates, corrections, posted on the 1st business day of each month, and future copies of the annual determination are available on the Department's website www.labor.state.ny.us. Updated PDF copies of your schedule can be accessed by entering your assigned PRC# at the proper location on the website.

It is the responsibility of the contracting agency or its agent to annex and make part, the attached schedule, to the specifications for this project, when it is advertised for bids and /or to forward said schedules to the successful bidder(s), immediately upon receipt, in order to insure the proper payment of wages.

Please refer to the "General Provisions of Laws Covering Workers on Public Work Contracts" provided with this schedule, for the specific details relating to other responsibilities of the Department of Jurisdiction.

Upon completion or cancellation of this project, enter the required information and mail **OR** fax this form to the office shown at the bottom of this notice, **OR** fill out the electronic version via the NYSDOL website.

NOTICE OF COMPLETION / CANCELLATION OF PROJECT

Date Completed: _____ Date Cancelled: _____

Name & Title of Representative: _____

Phone: (518) 457-5589 Fax: (518) 485-1870
W. Averell Harriman State Office Campus, Bldg. 12, Room 130, Albany, NY 12240

General Provisions of Laws Covering Workers on Article 8 Public Work Contracts

Introduction

The Labor Law requires public work contractors and subcontractors to pay laborers, workers, or mechanics employed in the performance of a public work contract not less than the prevailing rate of wage and supplements (fringe benefits) in the locality where the work is performed.

Responsibilities of the Department of Jurisdiction

A Department of Jurisdiction (Contracting Agency) includes a state department, agency, board or commission: a county, city, town or village; a school district, board of education or board of cooperative educational services; a sewer, water, fire, improvement and other district corporation; a public benefit corporation; and a public authority awarding a public work contract.

The Department of Jurisdiction (Contracting Agency) awarding a public work contract MUST obtain a Prevailing Rate Schedule listing the hourly rates of wages and supplements due the workers to be employed on a public work project. This schedule may be obtained by completing and forwarding a "Request for wage and Supplement Information" form (PW 39) to the Bureau of Public Work. The Prevailing Rate Schedule MUST be included in the specifications for the contract to be awarded and is deemed part of the public work contract.

Upon the awarding of the contract, the law requires that the Department of Jurisdiction (Contracting Agency) furnish the following information to the Bureau: the name and address of the contractor, the date the contract was let and the approximate dollar value of the contract. To facilitate compliance with this provision of the Labor Law, a copy of the Department's "Notice of Contract Award" form (PW 16) is provided with the original Prevailing Rate Schedule.

The Department of Jurisdiction (Contracting Agency) is required to notify the Bureau of the completion or cancellation of any public work project. The Department's PW 200 form is provided for that purpose.

Both the PW 16 and PW 200 forms are available for completion online.

Hours

No laborer, worker, or mechanic in the employ of a contractor or subcontractor engaged in the performance of any public work project shall be permitted to work more than eight hours in any day or more than five days in any week, except in cases of extraordinary emergency. The contractor and the Department of Jurisdiction (Contracting Agency) may apply to the Bureau of Public Work for a dispensation permitting workers to work additional hours or days per week on a particular public work project.

There are very few exceptions to this rule. Complete information regarding these exceptions is available on the "4 Day / 10 Hour Work Schedule" form (PW 30R).

Wages and Supplements

The wages and supplements to be paid and/or provided to laborers, workers, and mechanics employed on a public work project shall be not less than those listed in the current Prevailing Rate Schedule for the locality where the work is performed. If a prime contractor on a public work project has not been provided with a Prevailing Rate Schedule, the contractor must notify the Department of Jurisdiction (Contracting Agency) who in turn must request an original Prevailing Rate Schedule form the Bureau of Public Work. Requests may be submitted by: mail to NYSDOL, Bureau of Public Work, State Office Bldg. Campus, Bldg. 12, Rm. 130, Albany, NY 12240; Fax to Bureau of Public Work (518) 485-1870; or electronically at the NYSDOL website www.labor.state.ny.us.

Upon receiving the original schedule, the Department of Jurisdiction (Contracting Agency) is REQUIRED to provide complete copies to all prime contractors who in turn MUST, by law, provide copies of all applicable county schedules to each subcontractor and obtain from each subcontractor, an affidavit certifying such schedules were received. If the original schedule expired, the contractor may obtain a copy of the new annual determination from the NYSDOL website www.labor.state.ny.us.

The Commissioner of Labor makes an annual determination of the prevailing rates. This determination is in effect from July 1st through June 30th of the following year. The annual determination is available on the NYSDOL website www.labor.state.ny.us.

Payrolls and Payroll Records

Every contractor and subcontractor MUST keep original payrolls or transcripts subscribed and affirmed as true under penalty of perjury. Payrolls must be maintained for at least three (3) years from the project's date of completion. At a minimum, payrolls must show the following information for each person employed on a public work project: Name, Address, Last 4 Digits of Social Security Number, Classification(s) in which the worker was employed, Hourly wage rate(s) paid, Supplements paid or provided, and Daily and weekly number of hours worked in each classification.

Every contractor and subcontractor shall submit to the Department of Jurisdiction (Contracting Agency), within thirty (30) days after issuance of its first payroll and every thirty (30) days thereafter, a transcript of the original payrolls, subscribed and affirmed as true under penalty of perjury. The Department of Jurisdiction (Contracting Agency) shall collect, review for facial validity, and maintain such payrolls.

In addition, the Commissioner of Labor may require contractors to furnish, with ten (10) days of a request, payroll records sworn to as their validity and accuracy for public work and private work. Payroll records include, by are not limited to time cards, work description sheets, proof that supplements were provided, cancelled payroll checks and payrolls. Failure to provide the requested information within the allotted ten (10) days will result in the withholding of up to 25% of the contract, not to exceed $100,000.00. If the contractor or subcontractor does not maintain a place of business in New York State and the amount of the contract exceeds $25,000.00, payroll records and certifications must be kept on the project worksite.

The prime contractor is responsible for any underpayments of prevailing wages or supplements by any subcontractor.

All contractors or their subcontractors shall provide to their subcontractors a copy of the Prevailing Rate Schedule specified in the public work contract as well as any subsequently issued schedules. A failure to provide these schedules by a contractor or subcontractor is a violation of Article 8, Section 220-a of the Labor Law.

All subcontractors engaged by a public work project contractor or its subcontractor, upon receipt of the original schedule and any subsequently issued schedules, shall provide to such contractor a verified statement attesting that the subcontractor has received the Prevailing Rate Schedule and will pay or provide the applicable rates of wages and supplements specified therein. (See NYS Labor Laws, Article 8 . Section 220-a).

Determination of Prevailing Wage and Supplement Rate Updates Applicable to All Counties

The wages and supplements contained in the annual determination become effective July 1st whether or not the new determination has been received by a given contractor. Care should be taken to review the rates for obvious errors. Any corrections should be brought to the Department's attention immediately. It is the responsibility of the public work contractor to use the proper rates. If there is a question on the proper classification to be used, please call the district office located nearest the project. Any errors in the annual determination will be corrected and posted to the NYSDOL website on the first business day of each month. Contractors are responsible for paying these updated rates as well, retroactive to July 1st.

When you review the schedule for a particular occupation, your attention should be directed to the dates above the column of rates. These are the dates for which a given set of rates is effective. To the extent possible, the Department posts rates in its possession that cover periods of time beyond the July 1st to June 30th time frame covered by a particular annual determination. Rates that extend beyond that instant time period are informational ONLY and may be updated in future annual determinations that actually cover the then appropriate July 1st to June 30th time period.

Withholding of Payments

When a complaint is filed with the Commissioner of Labor alleging the failure of a contractor or subcontractor to pay or provide the prevailing wages or supplements, or when the Commissioner of Labor believes that unpaid wages or supplements may be due, payments on the public work contract shall be withheld from the prime contractor in a sufficient amount to satisfy the alleged unpaid wages and supplements, including interest and civil penalty, pending a final determination.

When the Bureau of Public Work finds that a contractor or subcontractor on a public work project failed to pay or provide the requisite prevailing wages or supplements, the Bureau is authorized by Sections 220-b and 235.2 of the Labor Law to so notify the financial officer of the Department of Jurisdiction (Contracting Agency) that awarded the public work contract. Such officer MUST then withhold or cause to be withheld from any payment due the prime contractor on account of such contract the amount indicated by the Bureau as sufficient to satisfy the unpaid wages and supplements, including interest and any civil penalty that may be assessed by the Commissioner of Labor. The withholding continues until there is a final determination of the underpayment by the Commissioner of Labor or by the court in the event a legal proceeding is instituted for review of the determination of the Commissioner of Labor.

The Department of Jurisdiction (Contracting Agency) shall comply with this order of the Commissioner of Labor or of the court with respect to the release of the funds so withheld.

Summary of Notice Posting Requirements

The current Prevailing Rate Schedule must be posted in a prominent and accessible place on the site of the public work project. The prevailing wage schedule must be encased in, or constructed of, materials capable of withstanding adverse weather conditions and be titled "PREVAILING RATE OF WAGES" in letters no smaller than two (2) inches by two (2) inches.

The "Public Work Project" notice must be posted at the beginning of the performance of every public work contract, on each job site.

Every employer providing workers. compensation insurance and disability benefits must post notices of such coverage in the format prescribed by the Workers. Compensation Board in a conspicuous place on the jobsite.

Every employer subject to the NYS Human Rights Law must conspicuously post at its offices, places of employment, or employment training centers, notices furnished by the State Division of Human Rights.

Employers liable for contributions under the Unemployment Insurance Law must conspicuously post on the jobsite notices furnished by the NYS Department of Labor.

Apprentices

Employees cannot be paid apprentice rates unless they are individually registered in a program registered with the NYS Commissioner of Labor. The allowable ratio of apprentices to journeyworkers in any craft classification can be no greater than the statewide building trade ratios promulgated by the Department of Labor and included with the Prevailing Rate Schedule. An employee listed on a payroll as an apprentice who is not registered as above or is performing work outside the classification of work for which the apprentice is indentured, must be paid the prevailing journeyworker's wage rate for the classification of work the employee is actually performing.

NYSDOL Labor Law, Article 8, Section 220-3, require that only apprentices individually registered with the NYS Department of Labor may be paid apprenticeship rates on a public work project. No other Federal or State Agency of office registers apprentices in New York State.

Persons wishing to verify the apprentice registration of any person must do so in writing by mail, to the NYSDOL Office of Employability Development / Apprenticeship Training, State Office Bldg. Campus, Bldg. 12, Albany, NY 12240 or by Fax to NYSDOL Apprenticeship Training (518) 457-7154. All requests for verification must include the name and social security number of the person for whom the information is requested.

The only conclusive proof of individual apprentice registration is written verification from the NYSDOL Apprenticeship Training Albany Central office. Neither Federal nor State Apprenticeship Training offices outside of Albany can provide conclusive registration information.

It should be noted that the existence of a registered apprenticeship program is not conclusive proof that any person is registered in that program. Furthermore, the existence or possession of wallet cards, identification cards, or copies of state forms is not conclusive proof of the registration of any person as an apprentice.

Interest and Penalties

In the event that an underpayment of wages and/or supplements is found:

- Interest shall be assessed at the rate then in effect as prescribed by the Superintendent of Banks pursuant to section 14-a of the Banking Law, per annum from the date of underpayment to the date restitution is made.
- A Civil Penalty may also be assessed, not to exceed 25% of the total of wages, supplements, and interest due.

Debarment

Any contractor or subcontractor and/or its successor shall be ineligible to submit a bid on or be awarded any public work contract or subcontract with any state, municipal corporation or public body for a period of five (5) years when:

- Two (2) willful determinations have been rendered against that contractor or subcontractor and/or its successor within any consecutive six (6) year period.
- There is any willful determination that involves the falsification of payroll records or the kickback of wages or supplements.

Criminal Sanctions

Willful violations of the Prevailing Wage Law (Article 8 of the Labor Law) may be a felony punishable by fine or imprisonment of up to 15 years, or both.

Discrimination

No employee or applicant for employment may be discriminated against on account of age, race, creed, color, national origin, sex, disability or marital status.

No contractor, subcontractor nor any person acting on its behalf, shall by reason of race, creed, color, disability, sex or national origin discriminate against any citizen of the State of New York who is qualified and available to perform the work to which the employment relates (NYS Labor Law, Article 8, Section 220-e(a)).

No contractor, subcontractor, nor any person acting on its behalf, shall in any manner, discriminate against or intimidate any employee on account of race, creed, color, disability, sex, or national origin (NYS Labor Law, Article 8, Section 220-e(b)).

The Human Rights Law also prohibits discrimination in employment because of age, marital status, or religion.

There may be deducted from the amount payable to the contractor under the contract a penalty of $50.00 for each calendar day during which such person was discriminated against or intimidated in violation of the provision of the contract (NYS Labor Law, Article 8, Section 220-e(c)).

The contract may be cancelled or terminated by the State or municipality. All monies due or to become due thereunder may be forfeited for a second or any subsequent violation of the terms or conditions of the anti-discrimination sections of the contract (NYS Labor Law, Article 8, Section 220-e(d)).

Every employer subject to the New York State Human Rights Law must conspicuously post at its offices, places of employment, or employment training centers notices furnished by the State Division of Human Rights.

Workers' Compensation

In accordance with Section 142 of the State Finance Law, the contractor shall maintain coverage during the life of the contract for the benefit of such employees as required by the provisions of the New York State Workers' Compensation Law.

A contractor who is awarded a public work contract must provide proof of workers' compensation coverage prior to being allowed to begin work.

The insurance policy must be issued by a company authorized to provide workers' compensation coverage in New York State. Proof of coverage must be on form C-105.2 (Certificate of Workers' Compensation Insurance) and must name this agency as a certificate holder.

If New York State coverage is added to an existing out-of-state policy, it can only be added to a policy from a company authorized to write workers' compensation coverage in this state. The coverage must be listed under item 3A of the information page.

The contractor must maintain proof that subcontractors doing work covered under this contract secured and maintained a workers' compensation policy for all employees working in New York State.

Every employer providing worker's compensation insurance and disability benefits must post notices of such coverage in the format prescribed by the Workers' Compensation Board in a conspicuous place on the jobsite.

Unemployment Insurance

Employers liable for contributions under the Unemployment Insurance Law must conspicuously post on the jobsite notices furnished by the New York State Department of Labor.

Andrew M. Cuomo, Governor

., Commissioner

TOWN OF RIVERHEAD

LEISA SOLLAZZO, SR ADMIN ASST
1295 PULASKI STREET
RIVERHEAD NY 11901

Schedule Year 2014 through 2015
Date Requested 02/25/2015
PRC# 2015001759

Location VARIOUS THROUGHOUT TOWN
Project ID#
Project Type BID OUT VARIOUS CONSTRUCTION ITEMS WITH LABOR TO BE USED AT VARIOUS TOWN FACILITIES FOR REPAIR/MAINTENANCE AND/OR RENOVATION PROJECTS

Notice of Contract Award

New York State Labor Law, Article 8, Section 220.3a requires that certain information regarding the awarding of public work contracts, be furnished to the Commissioner of Labor. One "Notice of Contract Award" (PW 16, which may be photocopied), **MUST** be completed for **EACH** prime contractor on the above referenced project.

Upon notifying the successful bidder(s) of this contract, enter the required information and mail **OR** fax this form to the office shown at the bottom of this notice, **OR** fill out the electronic version via the NYSDOL website.

Contractor Information
All information must be supplied

Federal Employer Identification Number: _____

Name: _____

Address: _____

_____

City: _____ State: _____ Zip: _____

Amount of Contract: $_____

Approximate Starting Date: ____/____/____

Approximate Completion Date: ____/____/____

Contract Type:
[ ] (01) General Construction
[ ] (02) Heating/Ventilation
[ ] (03) Electrical
[ ] (04) Plumbing
[ ] (05) Other : _____

Phone: (518) 457-5589 Fax: (518) 485-1870
W. Averell Harriman State Office Campus, Bldg. 12, Room 130, Albany, NY 12240

IMPORTANT NOTICE

FOR

CONTRACTORS & CONTRACTING AGENCIES

Social Security Numbers on Certified Payrolls

The Department of Labor is cognizant of the concerns of the potential for misuse or inadvertent disclosure of social security numbers. Identity theft is a growing problem and we are sympathetic to contractors' concerns with regard to inclusion of this information on payrolls if another identifier will suffice.

For these reasons, ***the substitution of the use of the last four digits of the social security number on certified payrolls submitted to contracting agencies on public work projects is now acceptable to the Department of Labor.***

NOTE: This change does not affect the Department's ability to request and receive the entire social security number from employers during the course of its public work / prevailing wage investigations.

To all State Departments, Agency Heads and Public Benefit Corporations
IMPORTANT NOTICE REGARDING PUBLIC WORK ENFORCEMENT FUND

Budget Policy & Reporting Manual

B-610

Public Work Enforcement Fund

effective date December 7, 2005

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1. Purpose and Scope:

This Item describes the Public Work Enforcement Fund (the Fund, PWEF) and its relevance to State agencies and public benefit corporations engaged in construction or reconstruction contracts, maintenance and repair, and announces the recently-enacted increase to the percentage of the dollar value of such contracts that must be deposited into the Fund. This item also describes the roles of the following entities with respect to the Fund:

- New York State Department of Labor (DOL),
- The Office of the State of Comptroller (OSC), and
- State agencies and public benefit corporations.

2. Background and Statutory References:

DOL uses the Fund to enforce the State's Labor Law as it relates to contracts for construction or reconstruction, maintenance and repair, as defined in subdivision two of Section 220 of the Labor Law. State agencies and public benefit corporations participating in such contracts are required to make payments to the Fund.

Chapter 511 of the Laws of 1995 (as amended by Chapter 513 of the Laws of 1997, Chapter 655 of the Laws of 1999, Chapter 376 of the Laws of 2003 and Chapter 407 of the Laws of 2005) established the Fund.

3. Procedures and Agency Responsibilities:

The Fund is supported by transfers and deposits based on the value of contracts for construction and reconstruction, maintenance and repair, as defined in subdivision two of Section 220 of the Labor Law, into which all State agencies and public benefit corporations enter.

Chapter 407 of the Laws of 2005 increased the amount required to be provided to this fund to .10 of one-percent of the total cost of each such contract, to be calculated at the time agencies or public benefit corporations enter into a new contract or if a contract is amended. The provisions of this bill became effective August 2, 2005.

To all State Departments, Agency Heads and Public Benefit Corporations
IMPORTANT NOTICE REGARDING PUBLIC WORK ENFORCEMENT FUND

OSC will report to DOL on all construction-related ("D") contracts approved during the month, including contract amendments, and then DOL will bill agencies the appropriate assessment monthly. An agency may then make a determination if any of the billed contracts are exempt and so note on the bill submitted back to DOL. For any instance where an agency is unsure if a contract is or is not exempt, they can call the Bureau of Public Work at the number noted below for a determination. Payment by check or journal voucher is due to DOL within thirty days from the date of the billing. DOL will verify the amounts and forward them to OSC for processing.

For those contracts which are not approved or administered by the Comptroller, monthly reports and payments for deposit into the Public Work Enforcement Fund must be provided to the Administrative Finance Bureau at the DOL within 30 days of the end of each month or on a payment schedule mutually agreed upon with DOL.

Reports should contain the following information:

- Name and billing address of State agency or public benefit corporation;
- State agency or public benefit corporation contact and phone number;
- Name and address of contractor receiving the award;
- Contract number and effective dates;
- Contract amount and PWEF assessment charge (if contract amount has been amended, reflect increase or decrease to original contract and the adjustment in the PWEF charge); and
- Brief description of the work to be performed under each contract.

Checks and Journal Vouchers, payable to the "New York State Department of Labor" should be sent to:

Department of Labor
Administrative Finance Bureau-PWEF Unit
Building 12, Room 464
State Office Campus
Albany, NY 12240

Any questions regarding billing should be directed to NYSDOL's Administrative Finance Bureau-PWEF Unit at (518) 457-3624 and any questions regarding Public Work Contracts should be directed to the Bureau of Public Work at (518) 457-5589.

Construction Industry
Fair Play Act

Required Posting For Labor Law
Article 25-B § 861-d

Construction industry employers must post the "Construction Industry Fair Play Act" notice in a prominent and accessible place on the job site.

Failure to post the notice can result in penalties of up to $1,500 for a first offense and up to $5,000 for a second offense.

The posting is included as part of this wage schedule. Additional copies may be obtained from the NYS DOL website, www.labor.ny.gov.

If you have any questions concerning the Fair Play Act, please call the State Labor Department toll-free at 1-866-435-1499 or email us at: dol.misclassified@labor.state.ny.us .

New York State Department of Labor
Required Notice under Article 25-B of the Labor Law

ATTENTION ALL EMPLOYEES, CONTRACTORS AND SUBCONTRACTORS:
YOU ARE COVERED BY THE
CONSTRUCTION INDUSTRY FAIR PLAY ACT

The law says that you are an employee unless:

- You are free from direction and control in performing your job AND
- You perform work that is not part of the usual work done by the business that hired you AND
- You have an independently established business

Your employer cannot consider you to be an independent contractor unless all three of these facts apply to your work.

IT IS AGAINST THE LAW FOR AN EMPLOYER TO MISCLASSIFY EMPLOYEES AS INDEPENDENT CONTRACTORS OR PAY EMPLOYEES OFF-THE-BOOKS.

Employee rights. If you are an employee:

- You are entitled to state and federal worker protections such as
  - unemployment benefits, if unemployed through no fault of your own, able to work, and otherwise qualified
  - workers' compensation benefits for on-the-job injuries
  - payment for wages earned, minimum wage, and overtime (under certain conditions)
  - prevailing wages on public work projects
  - the provisions of the National Labor Relations Act and
  - a safe work environment
- It is a violation of this law for employers to retaliate against anyone who asserts their rights under the law. Retaliation subjects an employer to civil penalties, a private lawsuit or both.

Independent Contractors: If you are an independent contractor*:*

- You must pay all taxes required by New York State and Federal Law.

Penalties for paying off-the-books or improperly treating employees as independent contractors:

- **Civil Penalty** — First Offense: up to $2,500 per employee. Subsequent Offense(s): up to $5,000 per employee.
- **Criminal Penalty** — First Offense: Misdemeanor - up to 30 days in jail, up to a $25,000 fine and debarment from performing Public Work for up to one year. Subsequent Offense(s): Misdemeanor - up to 60 days in jail, up to a $50,000 fine and debarment from performing Public Work for up to 5 years.

If you have questions about your employment status or believe that your employer may have violated your rights and you want to file a complaint, call the Department of Labor at 1(866)435-1499 or send an email to dol.misclassified@labor.state.ny.us. All complaints of fraud and violations are taken seriously and you can remain anonymous.

Employer Name:

IA 999 (09/10)

WORKER NOTIFICATION

(Labor Law §220, paragraph a of subdivision 3-a)

Effective February 24, 2008

This provision is an addition to the existing prevailing wage rate law, Labor Law §220, paragraph a of subdivision 3-a. It requires contractors and subcontractors to provide written notice to all laborers, workers or mechanics of the *prevailing wage rate* for their particular job classification *on each pay stub**. It also requires contractors and subcontractors to *post a notice* at the beginning of the performance of every public work contract *on each job site* that includes the telephone number and address for the Department of Labor and a statement informing laborers, workers or mechanics of their right to contact the Department of Labor if he/she is not receiving the proper prevailing rate of wages and/or supplements for his/her particular job classification. The required notification will be provided with each wage schedule, may be downloaded from our website *www.labor.state.ny.us* or made available upon request by contacting the Bureau of Public Work at 518-457-5589.

* In the event that the required information will not fit on the pay stub, an accompanying sheet or attachment of the information will suffice.

(11.11)

New York State Department of Labor
Bureau of Public Work

Attention Employees

THIS IS A:

PUBLIC WORK PROJECT

If you are employed on this project as a **worker, laborer, or mechanic** you are entitled to receive the **prevailing wage and supplements rate** for the classification at which you are working.

Chapter 629 of the Labor Laws of 2007:

These wages are set by law and must be posted at the work site. They can also be found at: www.labor.ny.gov

If you feel that you have not received proper wages or benefits, please call our nearest office.*

Albany	(518) 457-2744	Patchogue	(631) 687-4882
Binghamton	(607) 721-8005	Rochester	(585) 258-4505
Buffalo	(716) 847-7159	Syracuse	(315) 428-4056
Garden City	(516) 228-3915	Utica	(315) 793-2314
New York City	(212) 775-3568	White Plains	(914) 997-9507
Newburgh	(845) 568-5287		

* For New York City government agency construction projects, please contact the Office of the NYC Comptroller at (212) 669-4443, or www.comptroller.nyc.gov – click on Bureau of Labor Law.

Contractor Name: _____

Project Location: _____

OSHA 10-hour Construction

Safety and Health Course – S1537-A

Effective July 18, 2008

This provision is an addition to the existing prevailing wage rate law, Labor Law §220, section 220-h. It requires that on all public work projects of at least $250,000.00, all laborers, workers and mechanics working on the site, be certified as having successfully completed the OSHA 10-hour construction safety and health course. It further requires that the advertised bids and contracts for every public work contract of at least $250,000.00, contain a provision of this requirement.

NOTE: ***The OSHA 10 Legislation only applies to workers on a public work project that are required, under Article 8, to receive the prevailing wage.***

Where to find OSHA 10-hour Construction Course

1. NYS Department of Labor website for scheduled outreach training at:

   www.labor.state.ny.us/workerprotection/safetyhealth/DOSH_ONSITE_CONSULTATION.shtm

2. OSHA Training Institute Education Centers:

   Rochester Institute of Technology OSHA Education Center
   Rochester, NY
   Donna Winter
   Fax (585) 475-6292
   e-mail: dlwtpo@rit.edu
   (866) 385-7470 Ext. 2919
   www.rit.edu/~outreach/course.php3?CourseID=54

   Atlantic OSHA Training Center
   UMDNJ – School of Public Health
   Piscataway, NJ
   Janet Crooks
   Fax (732) 235-9460
   e-mail: crooksje@umdnj.edu
   (732) 235-9455
   https://ophp.umdnj.edu/wconnect/ShowSchedule.awp?~~GROUP~AOTCON~10~

   Atlantic OSHA Training Center
   University at Buffalo
   Buffalo, New York
   Joe Syracuse
   Fax (716) 829-2806
   e-mail:mailto:japs@buffalo.edu
   (716) 829-2125
   http://www.smbs.buffalo.edu/CENTERS/trc/schedule_OSHA.php

   Keene State College
   Manchester, NH
   Leslie Singleton
   e-mail: lsingletin@keene.edu
   (800) 449-6742
   www.keene.edu/courses/print/courses_osha.cfm

3. List of trainers and training schedules for OSHA outreach training at:

   www.OutreachTrainers.org

Requirements for OSHA 10 Compliance

Chapter 282 of the Laws of 2007, codified as Labor Law 220-h took effect on July 18, 2008. The statute provides as follows:

The advertised specifications for every contract for public work of $250,000.00 or more must contain a provision requiring that every worker employed in the performance of a public work contract shall be certified as having completed an OSHA 10 safety training course. The clear intent of this provision is to require that all employees of public work contractors, required to be paid prevailing rates, receive such training "prior to the performing any work on the project."

The Bureau will enforce the statute as follows:

All contractors and sub contractors must attach a copy of proof of completion of the OSHA 10 course to the first certified payroll submitted to the contracting agency and on each succeeding payroll where any new or additional employee is first listed.

Proof of completion may include but is not limited to:

- Copies of bona fide course completion card (*Note: Completion cards do not have an expiration date*.)
- Training roster, attendance record of other documentation from the certified trainer pending the issuance of the card.
- Other valid proof

**A certification by the employer attesting that all employees have completed such a course is not sufficient proof that the course has been completed.

Any questions regarding this statute may be directed to the New York State Department of Labor, Bureau of Public Work at 518-485-5696.

WICKS Reform 2008

(For all contracts advertised or solicited for bid on or after 7/1/08)

- Raises the threshold for public work projects subject to the Wicks Law requiring separate specifications and bidding for the plumbing, heating and electrical work. The total project's threshold would increase from $50,000 to: $3 million in Bronx, Kings, New York, Queens and Richmond counties; $1.5 million in Nassau, Suffolk and Westchester counties; and $500,000 in all other counties.

- For projects below the monetary threshold, bidders must submit a sealed list naming each subcontractor for the plumbing, HVAC and electrical work and the amount to be paid to each. The list may not be changed unless the public owner finds a legitimate construction need, including a change in specifications or costs or use of a Project Labor Agreement (PLA), and must be open to public inspection.

- Allows the state and local agencies and authorities to waive the Wicks Law and use a PLA if it will provide the best work at the lowest possible price. If a PLA is used, all contractors shall participate in apprentice training programs in the trades of work it employs that have been approved by the Department of Labor (DOL) for not less than three years. They shall also have at least one graduate in the last three years and use affirmative efforts to retain minority apprentices. PLA's would be exempt from Wicks, but deemed to be public work subject to prevailing wage enforcement.

- The Commissioner of Labor shall have the power to enforce separate specification requirements on projects, and may issue stop-bid orders against public owners for non-compliance.

- Other new monetary thresholds, and similar sealed bidding for non-Wicks projects, would apply to certain public authorities including municipal housing authorities, NYC Construction Fund, Yonkers Educational Construction Fund, NYC Municipal Water Finance Authority, Buffalo Municipal Water Finance Authority, Westchester County Health Care Association, Nassau County Health Care Corp., Clifton-Fine Health Care Corp., Erie County Medical Center Corp., NYC Solid Waste Management Facilities, and the Dormitory Authority.

- Reduces from 15 to 7 days the period in which contractors must pay subcontractors.

IMPORTANT INFORMATION

Regarding Use of Form PW30R

"Employer Registration for Use of 4 Day / 10 Hour Work Schedule"

To use the '4 Day / 10 Hour Work Schedule':

There MUST be a *Dispensation of Hours (PW30)* in place on the project

AND

You MUST register your intent to work 4 / 10 hour days, by completing the PW30R Form.

REMEMBER…

The '4 Day / 10 Hour Work Schedule' applies ONLY to Job Classifications and Counties listed on the PW30R Form.

Do not write in any additional Classifications or Counties.

(**Please note** : For each Job Classification check the individual wage schedule for specific details regarding their 4/10 hour day posting.)

Instructions for Completing Form PW30R

"Employer Registration for Use of 4 Day / 10 Hour Work Schedule"

Before completing Form PW30R check to be sure …

- There is a *Dispensation of Hours* in place on the project.
- The 4 Day / 10 Hour Work Schedule applies to the Job Classifications you will be using.
- The 4 Day / 10 Hour Work Schedule applies to the County / Counties where the work will take place.

Instructions (Type or Print legibly):

Contractor Information:

- Enter the Legal Name of the business, FEIN, Street Address, City, State, Zip Code; the Company's Phone and Fax numbers; and the Company's email address (if applicable)
- Enter the Name of a Contact Person for the Company along with their Phone and Fax numbers, and the personal email address (if applicable)

Project Information:

- Enter the Prevailing Rate Case number (PRC#) assigned to this project
- Enter the Project Name / Type (i.e. Smithtown CSD – Replacement of HS Roof)
- Enter the Exact Location of Project (i.e. Smithtown HS, 143 County Route #2, Smithtown,NY; Bldgs. 1 & 2)
- If you are a Subcontractor, enter the name of the Prime Contractor for which you work
- On the Checklist of Job Classifications -
  - Go to pages 2 and 3 of the form
  - Place a checkmark in the box to the right of the Job Classification you are choosing
  - Mark all Job Classifications that apply

    ****Do not write in any additional Classifications or Counties.****

Requestor Information:

- Enter the name of the person submitting the registration, their title with the company , and the date the registration is filled out

Return Completed Form:

- **Mail** the completed PW30R form (3 pages) to: NYSDOL Bureau of Public Work, SOBC – Bldg.12 – Rm.130, Albany, NY 12240 -***OR -***
- **Fax** the completed PW30R form (3 pages) to: NYSDOL Bureau of Public Work at (518)485-1870

New York State Department of Labor
Bureau of Public Work
W. Averell Harriman State Office Campus
Building 12 - Room 130
Albany, New York 12240
Phone - (518) 457-5589 Fax - (518) 485-1870

Employer Registration for Use of 4 Day / 10 Hour Work Schedule

Before completing Form PW30R check to be sure …
There is a *Dispensation of Hours* in place on the project.
The 4 Day / 10 Hour Work Schedule applies to the Job Classifications you will be using.
The 4 Day / 10 Hour Work Schedule applies to the County / Counties where the work will take place.

Please Type or Print the Requested Information

When completed …
Mail to NYSDOL Bureau of Public Work, SOBC, Bldg. 12, Rm.130, Albany, NY 12240
-or-
Fax to NYSDOL Bureau of Public Work at (518) 485-1870

Contractor Information

Company Name: _____ FEIN: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number _____ Fax Number: _____ Email Address: _____

Contact Person: _____

Phone No: _____ Fax No: _____ Email: _____

Project Information

Project PRC#: _____ Project Name/Type: _____

Exact Location of Project: _____ County: _____

(If you are Subcontractor)
Prime Contractor Name: _____

Job Classification(s) to Work 4/10 Schedule: *(Choose all that apply on Job Classification Checklist - Pages 3-6)*
**** Do not write in any additional Classifications or Counties****

Requestor Information

Name: _____

Title: _____ Date : _____

Please use the list below with the number assigned to each county as a reference to the corresponding numbers listed in the following pages under "Entire Counties" & "Partial Counties".

1. Albany County
2. Allegany County
3. Bronx County
4. Broome County
5. Cattaraugus County
6. Cayuga County
7. Chautauqua County
8. Chemung County
9. Chenango County
10. Clinton County
11. Columbia County
12. Cortland County
13. Delaware County
14. Dutchess County
15. Erie County
16. Essex County
17. Franklin County
18. Fulton county
19. Genesee County
20. Greene County
21. Hamilton County
22. Herkimer County
23. Jefferson County
24. Kings County (Brooklyn)
25. Lewis County
26. Livingston County
27. Madison County
28. Monroe County
29. Montgomery County
30. Nassau County
31. New York County (Manhattan)
32. Niagara County
33. Oneida County
34. Onondaga County
35. Ontario County
36. Orange County
37. Orleans County
38. Oswego County
39. Otsego County
40. Putnam County
41. Queens County
42. Rensselaer County
43. Richmond County (Staten Island)
44. Rockland County
45. Saint Lawrence County
46. Saratoga County
47. Schenectady County
48. Schoharie County
49. Schuyler County
50. Seneca County
51. Steuben County
52. Suffolk County
53. Sullivan County
54. Tioga County
55. Tompkins County
56. Ulster County
57. Warren county
58. Washington County
59. Wayne County
60. Westchester County
61. Wyoming County
62. Yates County

Job Classification Checklist

(Place a checkmark by all classifications that will be using the 4/10 schedule)

**** Do not write in any additional Classifications or Counties****

Job Classification	Tag #	Entire Counties	Partial Counties	Check Box
Carpenter-Building	276B-All	7	2 ,5	☐
Carpenter-Building	276B-Cat	15	5	☐
Carpenter - Building	276-B-DW-LIV	26, 28, 35, 59	61	☐
Carpenter-Building	276B-Gen	19, 32, 37	61	☐
Carpenter-Floor Layers	276B-FL-Liv	26, 28, 35, 59	61	☐
Carpenter-Heavy&Highway	276HH-All	2, 5, 7		☐
Carpenter-Heavy&Highway	276HH-Erie	15		☐
Carpenter-Heavy&Highway	276HH- Gen	19, 32, 37, 61		☐
Carpenter-Heavy&Highway	276HH-Liv	26, 28, 35, 59		☐
Carpenter-Residential	276R-All	7	2, 5	☐
Carpenter - Building	277B-Bro	4, 54		☐
Carpenter - Building	277B-CAY	6, 50, 62		☐
Carpenter - Building	277B-CS	8, 12, 49, 51, 55	2	☐
Carpenter - Building	277 JLS	23, 25, 45		☐
Carpenter - Building	277 omh	22, 27, 33		☐
Carpenter - Building	277 On	34		☐
Carpenter - Building	277 Os	38		☐
Carpenter - Building	277CDO Bldg	9, 13, 39		☐
Carpenter - Heavy&Highway	277CDO HH	9, 13, 39		☐
Carpenter - Heavy&Highway	277HH-BRO	4, 6, 8, 12, 49, 50, 51, 54, 55, 62		☐
Carpenter - Heavy/Highway	277 oneida	22, 23, 25, 27, 33, 34, 38, 45		☐
Carpenter - Building	291B-Alb	1, 18, 20, 29, 42, 47, 48		☐
Carpenter - Building	291B-Cli	10, 16, 17		☐
Carpenter - Building	291B-Ham	21, 57, 58		☐
Carpenter - Building	291B-Sar	46		☐
Carpenter - Heavy&Highway	291HH-Alb	1, 10, 16, 17,18, 20, 21, 29, 42, 46, 47, 48, 57, 58		☐
Electrician	25m	30, 52		☐
Electrician-Teledata Cable Splicer	43	12, 22, 27, 33, 38	6, 9, 34, 39, 55, 59	☐

Job Classification Checklist

(Place a checkmark by all classifications that will be using the 4/10 schedule)

**** Do not write in any additional Classifications or Counties****

Job Classification	Tag #	Entire Counties	Partial Counties	Check Box
Electrician	86	26, 28	19, 35, 37, 59, 61	☐
Electrician	840Teledata and 840 Z1	62	6, 34, 35, 50, 59	☐
Electrician	910	10, 16, 17, 23, 25, 45		☐
Electrician Lineman	1049Line/Gas	30, 41, 52		☐
Electrician Lineman	1249a	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 32, 33, 34, 35, 36, 37, 38, 39, 40, 42, 44, 46, 47, 48, 49, 50, 45, 51, 53, 54, 55, 56, 57, 58, 59, 61, 62		☐
Electrical Lineman	1249a West	60		☐
Electrical Lineman	1249a-LT	1, 2, 4, 5, 6, 7, 8, 9, 10, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 32, 33, 34, 35, 37, 38, 39, 42, 46, 47, 48, 49, 50, 45, 51, 53, 54, 55, 57, 58, 59, 61, 62		☐
Electrical Lineman	1249aREG8LT	11, 14, 36, 40, 44, 56		☐
Electrical Lineman	1249aWestLT	60		☐
Elevator Constructor	138	11, 14, 20, 36, 40, 53, 56	13, 44, 60	☐
Elevator Constructor	14	2, 5, 7, 15, 19, 32, 37, 61		☐
Elevator Constructor	27	8, 26, 28, 35, 49, 50, 51, 59, 62		☐
Elevator Constructor	35	1, 10, 16, 18, 21, 22, 29, 39, 42, 46, 47, 48, 57, 58		☐
Elevator Constructor	62.1	4, 6, 9, 12, 23, 25, 27, 33, 34, 38, 45, 54, 55	13	☐
Glazier	201	1, 10, 11, 16, 17, 18, 20, 21, 29, 42, 46, 47, 48, 57, 58		☐
Glazier	660r	2, 5, 7, 15, 19, 32, 37, 61		☐
Glazier	660	2, 5, 7, 15, 19, 32, 37, 61		☐
Glazier	677.1	23, 25, 26, 28, 35, 45, 50, 59, 62		☐
Glazier	677Z-2	6, 12, 22, 27, 33, 34, 38		☐
Glazier	677z3	4, 8, 9, 13, 39, 49, 51, 54, 55		☐
Glazier	677r.2	6, 12, 22, 27, 33, 34, 38		☐
Insulator - Heat & Frost	30-Syracuse	4, 6, 8, 9, 12, 22, 23, 25, 27, 33, 34, 38, 39, 49, 50, 45, 54, 55		☐
Laborers - Building	322-2H	17, 23, 25, 45		☐
Laborers - Building	785(7)	4	9, 13, 54	☐

Job Classification Checklist

(Place a checkmark by all classifications that will be using the 4/10 schedule)

**** Do not write in any additional Classifications or Counties****

Job Classification	Tag #	Entire Counties	Partial Counties	Check Box
Laborers - Building	785B-CS	8, 51	49	☐
Laborers- Heavy & Highway	322/2h	17, 23, 25, 45		☐
Laborers- Heavy & Highway	7-785b	12, 55	49, 54	☐
Laborers Heavy & Highway	785(7)	4	9, 13, 54	☐
Laborer - Heavy & Highway	785HH-CS	8, 51	49	☐
Laborer - Building	621b	2, 7	5	☐
Laborer - Residential	621r	2, 7	5	☐
Mason-Building	3b-Co-Z2	8, 49, 51	2	☐
Mason-Building	3B-Z1	19, 26, 28, 35, 50, 59, 61, 62		☐
Mason-Building-Residential	3B-Z1R	19, 26, 28, 35, 50, 59, 61, 62		☐
Mason-Building	3B-Bing-Z2	4, 9, 13, 39, 54		☐
Mason-Building	3B-Ith-Z2	12, 55		☐
Mason-Building	3B-Jam-Z2	7	2, 5	☐
Mason-Building-Residential	3B-Jam-Z2R	2, 4, 8, 7, 9, 12, 39, 13, 49, 51, 54, 55	5	☐
Mason-Building	3B-Z3	15, 32, 37	5	☐
Mason-Building-Residential	3B-Z3R	15, 32, 37	5	☐
Mason-Heavy Highway	3h	2, 4, 8, 7, 9, 12, 13, 19, 26, 28, 35, 37, 39, 49, 50, 51, 54, 55, 59, 61, 62	5, 15, 32	☐
Mason-Tile Finisher	3TF-Z1	19, 26, 28, 35, 50, 59, 61, 62		☐
Mason-Tile Finisher	3TF-Z2	2, 4, 8, 7, 9, 12, 13, 39, 49, 51, 54, 55	5	☐
Mason-Tile Finisher	3TF-Z3	15, 32, 37	5	☐
Mason-Tile Finisher	3TF-Z1R	19, 26, 28, 35, 50, 59, 61, 62		☐
Mason-Tile Finisher	3TF-Z2R	2, 4, 7, 9, 12, 13, 39, 49, 51, 54, 55	5	☐
Mason-Tile Finisher	3TF-Z3R	15, 32, 37	5	☐
Mason-Tile Setter	3TS-Z1	19, 26, 28, 35, 50, 59, 61, 62		☐

Job Classification Checklist

(Place a checkmark by all classifications that will be using the 4/10 schedule)

**** Do not write in any additional Classifications or Counties****

Job Classification	Tag #	Entire Counties	Partial Counties	Check Box
Mason-Tile Setter Residential	3TS-Z2R	2, 4, 7, 8, 9, 12, 13, 39, 49, 51, 54, 55	5	☐
Mason-Tile Setter Residential	3TS-Z3R	15, 32, 37	5	☐
Mason - Building/Heavy&Highway	780	3, 24, 30, 31, 41, 43, 52		☐
Operating Engineer - Heavy/Highway	137H/H	40, 60	14	☐
Operating Engineer - Heavy& Highway	832H	2, 8, 26, 28, 35, 49, 51, 59, 62	19	☐
Painter	150	28, 59, 62	26, 35	☐
Painter	178 B	4, 9, 54		☐
Painter	178 E	8, 49	51	☐
Painter	178 I	12, 55		☐
Painter	178 O	13, 39		☐
Painter	31	6, 22, 27, 33, 34, 50	25, 35, 38	☐
Painter	38.O		38	☐
Painter	38.W	23, 45	25	☐
Painter	4-Buf,Nia,Olean	2, 15, 19, 32, 37, 61	5, 7, 26, 51	☐
Painter	4-Jamestown		5, 7	☐
Sheetmetal Worker	46	26, 28, 35, 50, 59, 62		☐
Sheetmetal Worker	46r	26, 28, 35, 50, 59, 62		☐
Teamsters-Heavy&Highway	294h/h	1, 11, 18, 20, 29, 42, 46, 47, 48, 58	57	☐
Teamsters-Heavy&Highway	317bhh	6, 12, 50, 51, 55, 62	2	☐
Teamsters-Building/Heavy&Highway	456	40, 60		☐
				☐
				☐
				☐

Introduction to the Prevailing Rate Schedule

Information About Prevailing Rate Schedule

This information is provided to assist you in the interpretation of particular requirements for each classification of worker contained in the attached Schedule of Prevailing Rates.

Classification

It is the duty of the Commissioner of Labor to make the proper classification of workers taking into account whether the work is heavy and highway, building, sewer and water, tunnel work, or residential, and to make a determination of wages and supplements to be paid or provided. It is the responsibility of the public work contractor to use the proper rate. If there is a question on the proper classification to be used, please call the district office located nearest the project. District office locations and phone numbers are listed below.

Prevailing Wage Schedules are issued separately for "General Construction Projects" and "Residential Construction Projects" on a county-by-county basis.

General Construction Rates apply to projects such as: Buildings, Heavy & Highway, and Tunnel and Water & Sewer rates.

Residential Construction Rates generally apply to construction, reconstruction, repair, alteration, or demolition of one family, two family, row housing, or rental type units intended for residential use.

Some rates listed in the Residential Construction Rate Schedule have a very limited applicability listed along with the rate. Rates for occupations or locations not shown on the residential schedule must be obtained from the General Construction Rate Schedule. Please contact the local Bureau of Public Work office before using Residential Rate Schedules, to ensure that the project meets the required criteria.

Paid Holidays

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

Overtime

At a minimum, all work performed on a public work project in excess of eight hours in any one day or more than five days in any workweek is overtime. However, the specific overtime requirements for each trade or occupation on a public work project may differ. Specific overtime requirements for each trade or occupation are contained in the prevailing rate schedules.

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays.

The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Supplemental Benefits

Particular attention should be given to the supplemental benefit requirements. In most cases the payment or provision of supplements is for each hour worked (noted in the schedule as 'Per hour worked'). Some classifications require the payment or provision of supplements for each hour paid (noted in the schedule as 'Per hour paid'), which require supplements to be paid or provided at a premium rate for premium hours worked. Some classifications may also require the payment or provision of supplements for paid holidays on which no work is performed.

Effective Dates

When you review the schedule for a particular occupation, your attention should be directed to the dates above the column of rates. These are the dates for which a given set of rates is effective. The rate listed is valid until the next effective rate change or until the new annual determination which takes effect on July 1 of each year. All contractors and subcontractors are required to pay the current prevailing rates of wages and supplements. If you have any questions please contact the Bureau of Public Work or visit the New York State Department of Labor website (www.labor.state.ny.us) for current wage rate information.

Apprentice Training Ratios

The following are the allowable ratios of registered Apprentices to Journey-workers.

For example, the ratio 1:1,1:3 indicates the allowable initial ratio is one Apprentice to one Journeyworker. The Journeyworker must be in place on the project before an Apprentice is allowed. Then three additional Journeyworkers are needed before a second Apprentice is allowed. The last ratio repeats indefinitely. Therefore, three more Journeyworkers must be present before a third Apprentice can be hired, and so on.

Please call Apprentice Training Central Office at (518) 457-6820 if you have any questions.

Title (Trade)	Ratio
Boilermaker (Construction)	1:1,1:4
Boilermaker (Shop)	1:1,1:3
Carpenter (Bldg.,H&H, Pile Driver/Dockbuilder)	1:1,1:4
Carpenter (Residential)	1:1,1:3

Electrical (Outside) Lineman	1:1,1:2
Electrician (Inside)	1:1,1:3
Elevator/Escalator Construction & Modernizer	1:1,1:2
Glazier	1:1,1:3
Insulation & Asbestos Worker	1:1,1:3
Iron Worker	1:1,1:4
Laborer	1:1,1:3
Mason	1:1,1:4
Millwright	1:1,1:4
Op Engineer	1:1,1:5
Painter	1:1,1:3
Plumber & Steamfitter	1:1,1:3
Roofer	1:1,1:2
Sheet Metal Worker	1:1,1:3
Sprinkler Fitter	1:1,1:2

If you have any questions concerning the attached schedule or would like additional information, please contact the nearest BUREAU of PUBLIC WORK District Office or write to:

New York State Department of Labor
Bureau of Public Work
State Office Campus, Bldg. 12
Albany, NY 12240

District Office Locations:	Telephone #	FAX #
Bureau of Public Work - Albany	518-457-2744	518-485-0240
Bureau of Public Work - Binghamton	607-721-8005	607-721-8004
Bureau of Public Work - Buffalo	716-847-7159	716-847-7650
Bureau of Public Work - Garden City	516-228-3915	516-794-3518
Bureau of Public Work - Newburgh	845-568-5287	845-568-5332
Bureau of Public Work - New York City	212-775-3568	212-775-3579
Bureau of Public Work - Patchogue	631-687-4882	631-687-4904
Bureau of Public Work - Rochester	585-258-4505	585-258-4708
Bureau of Public Work - Syracuse	315-428-4056	315-428-4671
Bureau of Public Work - Utica	315-793-2314	315-793-2514
Bureau of Public Work - White Plains	914-997-9507	914-997-9523
Bureau of Public Work - Central Office	518-457-5589	518-485-1870

Bronx County General Construction

Asbestos Worker — 02/01/2015

JOB DESCRIPTION Asbestos Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014	12/01/2014 Additional
Abestos Worker Removal & Abatement Only*	$ 47.00	$ 0.50**

NOTE: *On Mechanical Systems that are NOT to be SCRAPPED. To be allocated to (**) To be allocated at a later date

SUPPLEMENTAL BENEFITS

Per Hour:	
Abestos Worker Removal & Abatement Only	$ 4.70

OVERTIME PAY
See (B, B2, *E, J) on OVERTIME PAGE
Hours worked on Saturdays are paid at time and one half only if forty hours have been worked during the week.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
Apprentice Removal & Abatement Only:
1000 hour terms at the following percentage of Journeyman's rates.

1st	2nd	3rd	4th
78%	80%	83%	89%

SUPPLEMENTAL BENEFIT

Per Hour:	
Apprentice Removal & Abatement	$ 4.70

4-12a - Removal Only

Boilermaker — 02/01/2015

JOB DESCRIPTION Boilermaker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2014	01/01/2015
Boilermaker	$ 50.45	$ 51.56
Repairs & Renovations	$ 50.45	$ 51.56

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	01/01/2015
Boilermaker	32% of hourly	32% of hourly
Repairs & Renovations	Wage Paid + $25.16	Wage Paid + $25.19

NOTE: "Hourly Wage Paid" shall include any and all premium(s) pay.

Repairs & Renovation Includes replacement of parts and repairs & renovation of existing unit.

OVERTIME PAY
OVERTIME PAY
See (D, O) on OVERTIME PAGE
HOLIDAY
Paid: See (8, 16, 23, 24) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 12, 15, 25) on HOLIDAY PAGE
NOTE: *Employee must work in pay week to receive Holiday Pay.
**Boilermarker gets 4 times the hourly wage rate for working on Labor Day.
***Repairs & Renovation see (B,E,Q) on HOLIDAY PAGE

HOLIDAY

REGISTERED APPRENTICES
Wage per hour:
(1/2) Year Terms at the following pecentage of Boilermaker's Wage

1st	2nd	3rd	4th	5th	6th	7th	8th
65%	65%	70%	75%	80%	85%	90%	95%

Supplemental Benefits Per Hour:

Apprentice(s)	07/01/2014 32% of Hourly Wage Paid plus amount below	01/01/2015 32% of Hourly Wage Paid Plus Amount Below
1st Term	$ 19.25	$ 19.27
2nd Term	20.10	20.11
3rd Term	20.94	20.95
4th Term	21.78	21.80
5th Term	22.62	22.65
6th Term	23.47	23.49
7th Term	24.31	24.33

NOTE: "Hourly Wage Paid" shall include any and all premium(s)

4-5

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester

PARTIAL COUNTIES
Orange: South of but including the following, Waterloo Mills, Slate Hill, New Hampton, Goshen, Blooming Grove, Mountainville, east to the Hudson River.
Putnam: South of but including the following, Cold Spring, TompkinsCorner, Mahopac, Croton Falls, east to Connecticut border.
Suffolk: West of Port Jefferson and Patchogue Road to Route 112 to the Atlantic Ocean.

WAGES

Per hour:	07/01/2014	10/17/2014
Core Drilling:		
Driller	$ 35.71	$ 36.82
Driller Helper	$ 28.60	$ 29.44
Additional Helpers: One (1) year increments. This is not an apprenticeship for Driller:		
Helper 1st year	$ 20.02	$ 20.61
Helper 2nd year	22.88	23.55
Helper 3rd year	25.74	26.50
Helper 4th year	28.60	29.44

Note: Hazardous Waste Pay Differential:
For Level C, an additional 10% above wage rate per hour
For Level B, an additional 10% above wage rate per hour
For Level A, an additional 10% above wage rate per hour
Note: When required to work on water: an additional $ 0.50 per hour.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014	10/17/2014
Driller and All Helpers	$21.69	$ 22.79

OVERTIME PAY
OVERTIME: See (B,E,K*,P,R**) on OVERTIME PAGE.

HOLIDAY
Paid: See (5,6) on HOLIDAY PAGE.
Overtime: * See (5,6) on HOLIDAY PAGE.
** See (8,10,11,13) on HOLIDAY PAGE.

8-1536-CoreDriller

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per Hour:

	07/01/2014
Timberman	$ 44.33

SUPPLEMENTAL BENEFITS
Per Hour:

	07/01/2014
	$ 45.36

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour:
(1) year terms:

1st	2nd	3rd	4th
$17.73	$22.16	$28.81	$35.46

Supplemental benefits per hour:
$ 30.86

8-1556 Tm

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Building
Millwright $ 48.44

SUPPLEMENTAL BENEFITS
Per hour paid:

Millwright $ 50.49

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19)* on HOLIDAY PAGE.

Overtime See (5,6,8,11,13,18,19,25) on HOLIDAY PAGE.

* must show up to work

REGISTERED APPRENTICES

Wages per hour is Pecentage of Journeyworkers wage:

(1) year terms:

1st.	2nd.	3rd.	4th.
$26.64	$31.49	$36.33	$46.02

Supplemental benefits per hour paid:

(1) year terms:

1st.	2nd.	3rd.	4th.
$32.81	$36.15	$40.63	$46.21

8-740.1

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per Hour: 07/01/2014

Marine Construction:

Marine Diver	$ 61.30
Marine Tender	43.45

SUPPLEMENTAL BENEFITS
Per Hour Paid:

Journeyman	$ 46.09

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18, 19) on HOLIDAY PAGE
Overtime: See (5, 6, 10, 11, 13, 16, 18, 19) on HOLIDAY PAGE

8-1456MC

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Carpet/Resilient
Floor Coverer $ 49.88

INCLUDES HANDLING & INSTALLATION OF ARTIFICIAL TURF AND SIMILAR TURF INDOORS/OUTDOORS.

SUPPLEMENTAL BENEFITS
Per hour paid:

Floor Coverer	$ 44.07

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18, 19)on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wage per hour is Pecentage of Journeyworkers Wage

(1) year terms:

1st.	2nd.	3rd.	4th.
$19.95	$24.94	$32.42	$39.90

Supplemental benefits per hour:

$ 30.22

8-2287

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Piledriver	$ 48.35
Dockbuilder	$ 48.35

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker	$ 46.09

OVERTIME PAY
See (B, E2, O) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19)on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour
(1)year terms:

1st	2nd	3rd	4th
$19.34	$24.17	$31.43	$38.68

Supplemental benefits per hour:

Apprentices	$ 31.23

8-1556 Db

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Putnam, Queens, Richmond

PARTIAL COUNTIES
Nassau: That portion of the county that lies west of Seaford Creekand south of the Southern State Parkway.

WAGES
Per hour: 07/01/2014

Show Exibit/
Carpenter $ 48.38

SUPPLEMENTAL BENEFITS
Per hour paid:

Show Exibit/

Carpenter $ 42.67

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid:for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour is Pecentage of Journeyworkers Wage

(1) year terms:

1st.	2nd.	3rd.	4th.
$19.35	$24.19	$31.45	$38.70

Supplemental benefits per hour:
Apprentices $ 29.52

8-EXHIB

Carpenter - Building 02/01/2015

JOB DESCRIPTION Carpenter - Building **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
Nassau: Work preformed south of the Southern State Parkway and west of the Seaford Creek.

WAGES
Per hour: 07/01/2014

Building:
Carpenter $49.88

SUPPLEMENTAL BENEFITS
Per hour paid:

Building:
Carpenter $ 44.07

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wage per hour:

(1) year terms:

	1st	2nd	3rd	4th
Building	$19.95	$24.94	$32.42	$39.90

Supplemental benefits per hour for all Apprentices:

Building $ 30.22

8-NYC Bldg.

Carpenter - Heavy&Highway 02/01/2015

JOB DESCRIPTION Carpenter - Heavy&Highway **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014
Heavy&Highway Carpenter	$ 48.35

SUPPLEMENTAL BENEFITS
Per hour paid:

Heavy & H/way Carpenter	$ 46.09

OVERTIME PAY
See (B, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid:	See (18, 19) on HOLIDAY PAGE
Paid : for 1st & 2nd yr Apprentices	See(5,6,11,13,16,18,19,25)
Overtime:	See(5,6,11,13,16,18,19,25) on holiday Page

REGISTERED APPRENTICES
Wage per hour:
(1) year terms:

	1st	2nd	3rd	4th
Heavy & Highway	$19.34	$24.17	$31.43	$38.68

Supplemental Benefits:
Per Hour paid

All Apprentices	$31.23

8-NYC H/H

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	06/01/2015
Tree Trimmer	$ 27.20	$ 27.88
Ground Person	$ 17.98	18.43

Applies to line clearance, tree work, and right-of-way preparation on all new or existing overhead, electrical, telephone, and CATV lines.

SUPPLEMENTAL BENEFITS
Per hour paid:

Tree Trimmer	$ 10.19	$ 10.44
Ground Person	$ 6.73	6.90

Note: *Plus paid vacation & 4 days sick leave. Vacation based on continous service as follows:

* 40 hours after 1 year
* 80 hours after 2 years
* 120 hours after 5 years
* 160 hours after 15 years

Note: Employee must work atleast 1800 hours in employee's anniversary year . An employee who workes 900 in the employee anniversary year but did not actually worked 1800 hours during that period shall be entitled to a pro rata share of vacation on the basis of 900 hours or more actually worded as a percentage based on 1800 hours.

OVERTIME PAY
See (B, *H, Q) on OVERTIME PAGE

*Worked performed on Sundays & Holidys outside of 7.00am - 4.00pm shall be paid at double time, in addition to the holiday pay if applicable.

HOLIDAY
HOLIDAY:
Paid: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

(An additional floating holiday after four years' service)

Overtime: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

9-3T

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	05/13/2015
Electrician		
H - Telephone	$ 27.00	$ 27.50

Maintenance and Jobbing-Electrical work of limited duration and scope, consisting of repairs and/or replacement of electrical and teledata equipment.

- Includes all work necessary to retrofit, service, maintain and repair all kinds of lighting fixtures and local lighting controls and washing and cleaning of foregoing fixtures.

SUPPLEMENTAL BENEFITS

Journeyworker	$ 20.32	$ 20.82
	22.01*	22.54*

* Applies to overtime hours

OVERTIME PAY
See (B, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3m

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond, Westchester

WAGES

Per hour Paid:	07/01/2014
Service Technician	$ 28.89

Service and Maintenance on Alarm and Security Systems.

Maintenance, repair and /or replacement of defective (or damaged) equipment on, but not limited to, Burglar - Fire - Security - CCTV - Card Access - Life Safety Systems and associated devices. (Whether by service contract of T&M by customer request.)

SUPPLEMENTAL BENEFITS

Per hour:	
Journeyworker:	$ 11.19
	+ $12.00 per day

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3H

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:	07/01/2014	05/14/2015
Electrician and Audio/Sound	$53.00	$54.00

SUPPLEMENTAL BENEFITS

Per Hour:		
Journey Worker	$47.54	$50.03
	50.86*	53.41*
Journey Worker Temporary Light/Power	$23.62	$24.39
	26.45*	27.27*

* Applies when premium wages are paid.

Temporary Light and Power benefit rate applies for three or less workers.

Reduce benefit rate by 6.2% for any employee who has accumulated wages of $113,700 for the same employer.

OVERTIME PAY
See (A, H) on OVERTIME PAGE
See (B) for Temporary Light and Power

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages Per Hour:

One (1) year terms - Apprentices registered before 05/10/2007.

Fifth term/MIJ:		
1-18 mos	$ 26.30	$ 26.80

One (1) year terms - Apprentices registered after 05/10/2007.

First term:	07/01/2014	05/14/2015
0-6 mos.	$ 12.50	$ 13.00
7-12 mos.	13.50	14.00
Second term:		
0-6 mos.	$ 14.50	$ 15.00
7-12 mos.	15.50	16.00
Third term:		
0-6 mos.	$ 16.50	$ 17.00
7-12 mos.	17.50	18.00
Fourth term:		
0-6 mos.	$ 18.50	$ 19.00
7-12 mos.	20.50	21.00
Fifth term/MIJ:		
0-12 mos.	$ 22.50	$ 23.00
13-18 mos.	22.50	23.00

Supplemental Benefits per hour:

One (1) year terms - Apprentices registered prior to 05/10/2007.
Fifth term/MIJ:

	07/01/2014	05/10/2015
1-18 mos	$ 19.96	$ 20.47
	21.61*	22.15*

One (1) year terms - Apprentices registered after 05/10/2007:

	07/01/2014		05/14/2015	
First Term	Regular	Overtime	Regular	Overtime
0-6 mos.	$11.10	$11.93	$11.61	$12.47
7-12 mos.	11.62	12.51	12.12	13.05
Second Term				
0-6 mos.	$12.13	$13.08	$12.63	$13.62
7-12 mos.	12.64	13.66	13.14	14.19
Third Term				
0-6 mos.	$13.15	$14.23	$13.65	$14.77
7-12 mos.	13.65	14.81	14.16	15.34
Fourth Term				
0-6 mos.	$14.16	$15.38	$14.67	$15.92
7-12 mos.	15.18	16.53	15.68	17.07
Fifth Term/MIJ				
1-12 mos.	$18.06	$19.46	$18.56	$20.00
13-18 mos				

9-3

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	05/20/2015
Electro pole Electrician	$ 53.00	$ 54.00
Electro pole Foundation Installer	40.18	40.93
Electro Pole Maintainer	34.40	35.05

SUPPLEMENTAL BENEFITS
Per Hour:

	07/01/2014	05/20/2015
Electro pole Electrcian	$ 49.34	$51.86
	52.66*	55.25*
Electro pole Foundation Installer	37.73	39.46
	40.25*	42.02*
Electro pole Maintainer	34.00	35.51
	36.15*	37.71*

* Applies when premium wages are paid
Note:Reduce benefit rate by 6.2% for any employee who has accumulated wages in $113,700 for the same employer.

OVERTIME PAY
See (A, *B, **E4, F, K) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3J

Elevator Constructor — 02/01/2015

JOB DESCRIPTION Elevator Constructor **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

PARTIAL COUNTIES
Rockland: Entire County except for the Township of Stony Point

Westchester: Entire County except for the Townships of Bedford, Lewisboro, Cortland, Mt. Kisco, North Salem, Pound Ridge, Somers and Yorktown.

WAGES
Per hour:

	07/01/2014	03/17/2015
Elevator Constructor	$ 58.23	$ 59.55
Modernization & Service/Repair	46.00	46.92

SUPPLEMENTAL BENEFITS
Per Hour:

Elevator Constructor	$ 29.745	$ 31.045
Modernization & Service/Repair	29.595	31.195

OVERTIME PAY
Constructor. See (D, M, T) on OVERTIME PAGE.

Modern./Service See (B, F, S) on OVERTIME PAGE.

HOLIDAY
Paid: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES PER HOUR:
*Note:1st Term is based on Average wage of Constructor & Modernization.
Terms 2 thru 4 Based on Journeymans wage of classification Working in.

1 YEAR TERMS:

1st Term*	2nd Term	3rd Term	4th Term
50%	55%	65%	75%

SUPPLEMENTAL BENEFITS

Elevator Constructor		
1st Term	$ 25.745	$ 27.220
2nd Term	26.145	27.635
3rd Term	26.945	28.455
4th Term	27.745	29.285
Modernization & Service/Repair		
1st Term	$ 25.67	$ 27.145
2nd Term	26.065	27.550
3rd Term	26.845	28.36
4th Term	27.635	29.17

4-1

Glazier **02/01/2015**

JOB DESCRIPTION Glazier **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES
Per hour:

	07/01/2014	11/01/2014	05/01/2015
Glazier	$ 51.00*	$ 51.35*	Additional $ 1.50**
Scaffolding	$ 52.00*	$ 52.35*	Additional $ 1.50**

Scafolding includes swing scaffold, mechanical equipment, scissor jacks, man lifts, booms & buckets 24' or more, but not pipe scaffolding.

Repair & Maintenance	$ 26.70*	$ 26.70*	Additional

$ 0.60**

Repair & Maintenance- All repair & maintenance work on a particular building,whenever performed, where the total cumulative contract value is under $100,000.00.

*Additional $ .10 per hour for all regular hours worked
**To be allocated at a later date.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014	11/01/2014	05/01/2015
Journeyworker	$ 26.69	$ 27.19	$ 27.19
Repair & Maintenance	16.14	16.14	16.14

OVERTIME PAY

OVERTIME: Premium is applied to the respective base wage only.
See (C*,D* E2, O) on OVERTIME PAGE.

* If an optional 8th hour is required to complete the entire project, the same shall be paid at the regular rate of pay. If a 9th hour is worked, then both hours or more (8th & 9th or more) will be paid at double time rate of pay.

For Repair & Maintenance see (B, F, P) on overtime page.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6, 16, 25) on HOLIDAY PAGE
Paid for the Repair & Maintenance (5, 6, 16 & 25)

REGISTERED APPRENTICES

Wage per hour:
(1) year terms at the following wage rates:

	07/01/2014	11/01/2014	05/01/2014
1st term	$ 17.05	$ 17.25	$ 17.25
2nd term	25.24	25.24	25.24
3rd term	30.40	30.81	30.81
4th term	40.75	41.27	41.27

Supplemental Benefits:
(Per hour worked)

1st term	$ 13.17	$ 13.32	$ 13.32
2nd term	22.45	22.45	22.45
3rd term	24.95	25.30	25.30
4th term	30.07	30.22	30.22

8-1281 (DC9 NYC)

Insulator - Heat & Frost — 02/01/2015

JOB DESCRIPTION Insulator - Heat & Frost **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour: 07/01/2014

Insulators Heat & Frost $ 63.68

SUPPLEMENTAL BENEFITS

Per Hour:

Insulators Heat & Frost $ 30.44

OVERTIME PAY

See (A, D, O, V) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:

1 year terms at the following wage rate.

1st	2nd	3rd	4th
$25.47	$38.21	$44.59	$50.94

Supplemental Benefits per hour:

Apprentice Insulator(s)

1st	2nd	3rd	4th
$12.80	$18.26	$21.30	$24.35

4-12

Ironworker 02/01/2015

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
Rockland: Southern section - south of Convent Road and east of Blue Hills Road.

WAGES

Per hour:	07/01/2014	07/01/2015
Reinforcing & Metal Lathing	$ 52.03	Additional $ 2.00*

*To be allocated

SUPPLEMENTAL BENEFITS
Per hour paid:

Reinforcing & Metal Lathing	$ 31.55

OVERTIME PAY
See (B, B1, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 18, 19, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following wage rates:
Wages Per Hour:

Apprentices Registered BEFORE 6/29/2011

1st term	2nd term	3rd term
$ 28.11	$ 32.71	$ 37.77

Apprentices Registered ON or AFTER 6/29/2011

17.71	22.81	27.91

SUPPLEMENTAL BENIFITS
Per Hour:

Apprentices Registered BEFORE 6/29/2011

1st term	2nd term	3rd term
$ 23.02	$ 24.67	$ 25.82

Apprentices Registered On or AFTER 6/29/2011

20.08	20.08	20.08

4-46Reinf

Ironworker **02/01/2015**

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Ornamental	$ 44.95
Chain Link Fence	44.95
Guide Rail Installation	44.95

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker:	$ 43.71

OVERTIME PAY
OVERTIME: See (A*,D1,E**,Q,V) on OVERTIME PAGE.

*Time and one-half shall be paid for all work in excess of seven (7) hours at the end of a work day to a maximum of two (2) hours on any regular work day (8th & 9th hours of work) and double time shall be paid for all work thereafter.
**Time and one-half shall be paid for all work on Saturday up to seven (7) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
1st term represents first 1-10 months, thereafter (1/2) year terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th	5th
50%	55%	60%	70%	80%

Supplemental Benefits per hour paid:

1st Term	$ 34.02
2nd Term	34.98
3rd Term	35.95
4th Term	37.90
5th Term	39.65

4-580-Or

Ironworker **02/01/2015**

JOB DESCRIPTION Ironworker **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per Hour: 07/01/2014

IRONWORKER:

Ironworker Rigger	$ 53.25
Ironworker Stone Derrickman	$ 53.25

SUPPLEMENTAL BENEFITS
Ironworker: $ 37.13

OVERTIME PAY
See (*A, D1, **E, Q, V) on OVERTIME PAGE
*Time and one-half shall be paid for all work in excess of seven (7) hours at the end of a work day to a maximum of two hours on any regular work day (the eighth (8th) and ninth (9) hours of work) and double time shall be paid for all work thereafter.

**Time and one-half shall be paid for all work on Saturday up to seven (7) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 10, *24, 25) on HOLIDAY PAGE
*Work stops at schedule lunch break with full day's pay.

REGISTERED APPRENTICES
Wage per hour:

(1/2) year terms at the following hourly wage rate:

	1st	2nd	3rd	4th	5th	6th
07/01/2014	$26.38	$26.38	$39.73	$42.13	$45.56	$45.56

Supplemental benefits

Per hour paid:

1st & 2nd terms	$18.82
3rd & 4th terms	$27.86
5th & 6th terms	$27.84

9-197D/R

Ironworker — 02/01/2015

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
PER HOUR:

	07/01/2014
Ironworker:	
Structural	$47.25
Bridges	
Machinery	

SUPPLEMENTAL BENEFITS
PER HOUR:

Journeyman	$65.20

OVERTIME PAY
See (B*,E**,Q,V) on OVERTIME PAGE.

* Time and one-half shall be paid for all work in excess of (8) eight hours at the end of a work day to a maximum of two hours on any regular work day (the ninth (9th) and tenth (10th) hours of work)and double time shall be paid for all work thereafter.

** Time and one-half shall be paid for all work on Saturday up to eight (8) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 18, 19) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES PER HOUR:

6 month terms at the following rate:

1st	$ 24.73
2nd	25.33
3rd - 6th	25.93

Supplemental Benefits
PER HOUR:

All Terms	45.84

4-40/361-Str

Laborer — 02/01/2015

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

GROUP 14: Blasters.

GROUP 16: Tunnel workers *
* (including Miners, Drill Runners, Iron Men, Maintenance Men, Conveyor Men, Safety Miners, Riggers, Block Layers, Cement Finishers, Rod Men, Caulkers, Powder Carriers, Miners' Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Derail Men, Form Men, Bottom Bell, Top Bell or Signal men, Form Workers, Movers, Concrete Workers, Shaft Men, Tunnel Laborers and Caulkers' Helpers).

GROUP 17**: All others including: Powder Watchmen, Top Laborers and Changehouse Attendants.

Wages: (per hour)	07/01/2014
Laborer (Tunnel)-FREE AIR:	
Group 14	$ 56.89
Group 16	$ 54.43
Group 17**	$ 50.30
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway & Vehicular Tunnels	80% of rates above

**An additional $3.00 per day when using an air spade, jack hammer or pavement breaker.

Note: For jobs bid before July 1, 2010 employer shall pay $6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be $10.00 per day.

SUPPLEMENTAL BENEFITS
Per hour paid:

GROUP 14	$ 40.86**
GROUP 16	$ 39.12**
GROUP 17	$ 36.19**
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway& Vehicular Tunnels	80% of rates above

** Add additional $ 0.16 to benefits for each each overtime hour paid.

OVERTIME PAY
OVERTIME: For Laborer (Free Air) See (D, M, R*) on OVERTIME PAGE.
For Repair Categories & Micro Tunneling See (B, F, R*) on OVERTIME PAGE.
* Straight time first 8 hours, double time after 8 hours.

HOLIDAY
Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Free

Laborer **02/01/2015**

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Laborer/Excavation:

**Asbestos and Lead Abatement & Removal,Hazardous Waste Removal (including soil)	$ 39.85
Basic	39.85
Flagman	39.85
Pipelayer	39.85
*Tree Work, *Landscape	39.85

*Includes trimming, cutting, planting and/or removal of trees.
** Applies to Heavy & Highway projects

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker	$ 34.88

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE
++ Except for Independence Day, holidays which fall on a Saturday will not be observed on the preceding Friday.When an observed holiday falls on a Saturday,work done shall be paid at double time.

HOLIDAY
Paid: See (2, 20) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 13) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

1000 hour terms at the following hourly wage rate.

		07/01/2014
1st	0-1000	$ 19.93
2nd	1001-2000	$ 23.91
3rd	2001-3000	$ 29.89
4th	3001-4000	$ 35.87

Supplemental Benefits per hour paid:

All Apprentices	$ 34.88

9-731Ex

Laborer 02/01/2015

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Laborer:	
Laborer-Concrete (including flag person)	$ 41.48

SUPPLEMENTAL BENEFITS
Per Hour Worked $ 26.17

OVERTIME PAY
OVERTIME: See (A,E,Q) on OVERTIME PAGE attached.
See (B,E,Q,) for work below street level to top of foundation.

For Work done on Saturdays add an additional $2.75 per hour to Supp. Benefits.
For work done on Sundays & Holidays add an additional $5.50 per hour to Supp. Benefits.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
Terms at the following percentage of Journeyworkers wage.

Term:	1st	2nd	3rd
Hours:	0-500	501-2000	2001-4000
	50%	65%	80%

Supplemental Benefits:
(Per Hour Worked)

0-500 hrs	501-1000 hrs	1001-2000 hrs	2001-4000 hrs
$15.29+ $2.75*	$15.29+ $3.58*	$20.67+ $3.58*	$20.67+ $4.40*

*This mount subject to same premium as wages
NB Journeyman rate applies after 4000 hours

9-6A/18A/20-C

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Building:	
Plasterer Tender and Spray Fireproofing.	$ 37.00** plus $1.10*

* May be allocated between wages and benefits
** To calculate premium wage, subtract $2.00 from hourly wage

SUPPLEMENTAL BENEFITS
Per hour paid:
Journeyworker $ 23.74

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

1000 hours terms at the following wage.

	1st	2nd	3rd	4th
07/01/2014	$21.63*	22.73*	24.33*	26.93*

* Before calculating premium wage deduct $1.00

Supplemental Benefits per hour paid:

All Apprentices $ 16.06

9-30 (79)

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	12/01/2014
Laborer/Asbestos, Lead and Hazardous Material Abatment	$ 36.00	Additional $0.50*

*To be allocated

SUPPLEMENTAL BENEFITS
Per Hour:

Laborer	$15.45

OVERTIME PAY
See (B, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
1000 hour terms at the following;

Per Hour:	07/01/2014	12/01/2014
1st term	$27.96	Additional $0.50*
2nd Term	$28.66	
3rd Term	$29.72	
4th Term	$31.84	

*To be allocated

SUPPLEMENTAL BENEFIT

Per Hour:

ALL TERMS	$15.45

4-NYDC(78)

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	01/01/2015
Interior Demolition	$ 35.99	$0.75*

*May be alocated between wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour paid:

Interior Demolion	$ 20.10

OVERTIME PAY
See (B, B2, E, E2, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage Per Hour:

1000 hour terms at the following wage rate:

1st	2nd	3rd	4th
$ 22.24	$ 23.34	$ 24.88	$ 27.38

Supplemental Benefits per Hour paid:

All Apprentices $ 15.76

9-MTDC (79-ID)

Laborer - Building 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Building Laborer-Demolition: $ 35.91
plus $ .95*

NOTE: Total Demolition Only: Demolition shall be the complete demolition (wrecking) or dismantling of entire buildings or structures. Also may include the removal of all or any portion of a roof in which structural change is to occur. Structural change is defined as the removal of structural slabs, steel members, concrete members and penetration through the structural slab.

SUPPLEMENTAL BENEFITS
Per hour paid:
Journeyworker: $ 23.34

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 13, 15, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

(1) year terms at the following wage.

	1st	2nd	3rd	4th
07/01/14	21.36	22.46	24.01	26.56

Supplemental Benefits per hour paid:

$ 15.35

9-79/95

Laborer - Building 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Basic Laborer and
Mason Tender $ 37.00 plus
An additional $ 1.10*

*May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014

Basic Laborer and

Mason Tender $ 23.74

OVERTIME PAY
See (B, B2, E, E2, I, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 25) on HOLIDAY PAGE
(Easter is paid at Time and One-half if worked)

REGISTERED APPRENTICES
Wage per hour:

1000 hour terms at the following wage rate:

Term:	1st	2nd	3rd	4th
Basic Laborer and Mason Tender	$ 21.63	$ 22.73	$ 24.33	$ 26.93

Supplemental Benefits per hour paid:

All Terms:
Basic Laborer and
Mason Tender $ 16.06

9-MTDC(79)

Laborer - Concrete & Asphalt Paving 02/01/2015

JOB DESCRIPTION Laborer - Concrete & Asphalt Paving **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Group 1: Slurry Seal Coater, Maintenance Safety Surface, Small Equipment Operator, Small Power Tool Operator, Play Equipment Installer, Landscape Planting & Maintenance, Temporary Fence Installer & Repairs, Laborer.

Group 2: Shoveler, Small Equipment Operator on Asphalt work.

Per hour:	07/01/2014
Concrete Formsetter	$ 44.19
Asphalt Screedman / Micro Paver	45.24
Asphalt Raker	44.73
Group 1	40.32
Group 2	41.44

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014

Journeyman $ 35.15

OVERTIME PAY
See (B, *E, **Q) on OVERTIME PAGE
* Saturday premium rate applies from 7:00 am on Saturday to 6:59 am Sunday
** Sunday premium rate applies from Sunday 7:00 am to Monday 6:59 am.

HOLIDAY
Paid: See (5, 20) on HOLIDAY PAGE
HOLIDAY:
Paid: See (5,20)* on HOLIDAY PAGE.
Holiday:
Overtime: See (21,22)** on HOLIDAY PAGE.
See (13)*** on holiday page.

* Holiday pay -at the single time pay rate-shall be prorated based on 25% of a day's wages and benefits for each day worked.
**If an employee works on any of these unpaid holidays, employee will receive the single rate plus 25%.
*** Unpaid if not worked,if worked shall receive single time rate plus one day's pay for the holiday.

REGISTERED APPRENTICES
Wage per hour:

2000 hours term at the following percent of Journeyman Laborer Group 1 rate.

1st term	2nd term
1-2000	2001-4000
66%	70%

Supplemental Benefits per hour paid:

2000 hours term at the following percent of Journeyman Laborer Group 1 rate.

1st term	2nd term
1-2000	2001-4000
66%	70%

9-1010H/H

Laborer - Trac Drill — 02/01/2015

JOB DESCRIPTION Laborer - Trac Drill **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour Paid:	07/01/2014
Hydraulic Trac Drill	$ 50.00
Hydraulic Trac Drill Chuck Tender	43.22
Air Trac, Wagon, Quarry Bar	49.24
Power Tool (Chipper & Jackhammer)	48.23
Chuck Tender & Nipper	42.49
Blaster	54.50
Blaster Hydraulic	55.30
Powder Carrier	44.40
Magazine Keeper	29.10

SUPPLEMENTAL BENEFITS

Per Hour Paid:	07/01/2014
All Classifications	$ 30.94

OVERTIME PAY
Magazine Keeper See (B,H) on OVERTIME PAGE.

ALL OTHERS SEE (D,E,Q) on OVERTIME PAGE.

HOLIDAY
HOLIDAY:
Paid: For Blaster See (5,6,11,13) on HOLIDAY PAGE.

FOR ALL OTHERS SEE (1) ON HOLIDAY PAGE.

Overtime: See (5,6,11,13) on HOLIDAY PAGE.

9-29

Laborer - Tunnel — 02/01/2015

JOB DESCRIPTION Laborer - Tunnel **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
GROUP 6: Tunnel Workers* * (including Miners, Drill Runners,Iron Men, Maintenance Men, Inside Muck Lock Tender, Pumpmen, Electricians, Cement Finishers, Rod Men, Caulkers, Carpenters, Hydraulic Men, Shield Drivers, Monorail Operators, Motor Men, Conveyor Men, Safety Miners, Powder Carriers, Pan Men, Riggers, Miner's Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Form Workers, Concrete Workers, Tunnel Laborers, Caulker's Helpers), Hose Men, Grout Men, Gravel Men, Derail Men and Cable Men.

GROUP 7: Top Nipper

GROUP 8,9: Outside Man Lock Tender, Outside Muck Lock Tender, Shaft Men,Gauge Tender and Signal Men.

GROUP 10: Powder Watchmen, Top Laborers and Changehouse Attendants.

WAGES: (per hour)

	07/01/2014
Laborer(Compressed Air):	
GROUP 6	$ 57.54
GROUP 7	$ 56.48
GROUP 8,9	$ 55.46
GROUP 10	$ 48.34

Note: For jobs bid before July l, 2010 employer shall pay $6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be $10. per day.

SUPPLEMENTAL BENEFITS
SUPPLEMENTAL BENEFITS:
per hour:

GROUP 6	$ 41.35**
GROUP 7	$ 40.65**
GROUP 8,9	$ 39.88**
GROUP 10	$ 38.15**

** Add an additional $ 0.16 to benefits for each overtime hour paid.

OVERTIME PAY
See (D, M, *R) on OVERTIME PAGE
NOTE: Time and one-half to be paid for all overtime repair-maintenance work on existing equipment and facilities.

* Straight time first 8 hours, double time after 8 hours.

HOLIDAY
Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Comp Air

Mason — 02/01/2015

JOB DESCRIPTION Mason **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Brick/Blocklayer	$53.71

SUPPLEMENTAL BENEFITS
Per Hour:

Brick/Block Layer	$23.18

OVERTIME PAY
See (A, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(800 hour) Terms at the following Percentage of Journeyworkers Wage:

1st	2nd	3rd	4th	5th
50%	60%	70%	80%	90%

Supplemental Benefits per hour:

All Apprentices $ 14.90

4-1Brk

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	12/01/2014	06/01/2015
Building:		An additional	An additional
Tile Finisher	$ 40.78	$0.97*	$0.97*

*May be allocated between
wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour:

Journeyworker $ 19.85*
plus $7.91

* This portion of benefits subject to the same premium as overtime wages

OVERTIME PAY
See (A, *E, Q) on OVERTIME PAGE
*Double time rate after 10 hours on Saturdays

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

9-7/88-tf

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Wages:	07/01/2014	01/01/2015
Marble Cutters& Setters	$ 55.85	$ 56.15

SUPPLEMENTAL BENEFITS
Per Hour:

Journeyworker	$ 29.58	$ 30.31

OVERTIME PAY
See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage Per Hour:

750 hour terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
1-750	751-1500	1501-2250	2251-3000	3001-3750	3751-4500	4501-5250	5251-6000	6001-6751	6751-7500
$ 22.34	$25.13	$27.93	$30.72	$33.51	$36.30	$39.10	$41.89	$47.47	$53.06

Supplemental Benefits per hour paid at the following term:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th

$21.86	$22.51	$23.14	$23.80	$24.43	$25.07	$25.71	$26.36	$27.64	$29.93

9-7/4

Mason - Building 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2014
Building-Marble Restoration:		
Marble, Stone & Terrazzo Polisher, etc	$ 38.96	$ 39.25

SUPPLEMENTAL BENEFITS

Per Hour Paid:		
Journeyworker:		
Building-Marble Restoration:		
Marble, Stone & Polisher	$ 23.00	$ 23.38

OVERTIME PAY
See (B, *E, Q, V) on OVERTIME PAGE
*ON SATURDAYS, 8TH HOUR AND SUCCESSIVE HOURS PAID AT DOUBLE HOURLY RATE.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1ST TERM APPRENTICE GETS PAID FOR ALL OBSERVED HOLIDAYS.

REGISTERED APPRENTICES
WAGES per hour:

(900 hour)terms at the following wages:

	1st 0-900	2nd 901-1800	3rd 1801-2700	4th over 2700
07/01/2014	$ 27.27	$ 31.17	$35.06	$ 38.96
01/01/2015	An additional $0.47*	An additional $0.54*	An additional $0.60*	An additional $0.67*

* May be allocated between wages and benefits

Supplemental Benefits Per Hour:

07/01/2014				
	$ 21.11	$ 21.73	$ 22.36	$ 23.00

9-7/24-MP

Mason - Building 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	12/01/2014	06/01/2015
Tile Setters	$ 52.58	An additional $ 1.30*	An additional $1.30*

*May be allocated between Wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour:

Tile Setter	$ 22.48*
	plus $ 8.05

* This portion of benefit is subject to the same premium as shown for overtime wages.

OVERTIME PAY
See (*E, Q, V) on OVERTIME PAGE
* Work beyond 10 hours on Saturday shall be paid at double the hourly wage rate.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

Tile Setters:
(750 hr)terms at the following wage rate:

Term: 1st 1-750	2nd 751-1500	3rd 1501-2250	4th 2251-3000	5th 3001-3750	6th 3751-4500	7th 4501-5250	8th 5251-6000	9th 6001-6750	10th 6750-7500
$26.91	$30.04	$33.86	$36.07	$39.91	$43.53	$46.63	$46.17	$49.89	$51.70

Starting 12/01/2014 An addtional:

$0.65	$0.72	$0.78	$0.85	$0.91	$0.98	$1.04	$1.11	$1.17	$1.25

Starting 06/01/2015 An additional:

$0.65	$0.72	$0.78	$0.85	$0.91	$0.98	$1.04	$1.11	$1.17	$1.25

NOTE:INCREASES MAY BE ALLOCATED BETWEEN WAGES AND BENEFITTS

Supplemental Benefits per hour:

1st term	$ 13.95* plus $0.71	6th term	$ 17.35* plus $1.49
2nd term	$ 14.95* plus $0.75	7th term	$ 17.55* plus $5.34
3rd term	$ 14.95* plus $1.09	8th term	$ 18.75* plus $5.71
4th term	$ 16.85* plus $1.13	9th term	$ 19.15* plus $5.75
5th term	$ 16.85* plus $1.45	10th term	$ 20.87* plus $5.79

* This portion of the benefit is subject to same premium as overtime wages.

9-7/52

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Building:

Per Hour:	07/01/2014	01/01/2015 Additional
Mosaic & Terrazzo Mechanic	$ 45.88	$ 0.96*
Mosaic & Terrazzo Finisher	$ 47.28	$ 0.96*

*May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS
Journeyworker:

per hour worked

Mechanic	$ 22.40* plus $ 9.68
Finisher	$ 22.40* plus $ 9.68

* This portion of benefit subject to same premium as wages.

OVERTIME PAY
See (A, *E, Q) on OVERTIME PAGE
Double the rate after 10 hours on Saturday

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
Easter Sunday is an observed holiday.Holidays falling on a Saturday will be observed on that Saturday. Holidays falling on a Sunday will be celebrated on the Monday.

REGISTERED APPRENTICES
Wage per hour:
(750 Hour) terms at the following wage rate.

1st 1-750	2nd 751-1500	3rd 1500-2250	4th 2251-3000	5th 3001-3750	6th 3751-4500	7th 4501-5250	8th 5251-6000
$23.96	$26.36	$28.76	$31.15	$33.55	$35.96	$40.74	$45.53

Supplemental benefits per worked:

(750 hour) terms as shown above.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th
$11.20* +4.85	$12.32* +5.33	$13.44* +5.81	$14.56* +6.30	$15.68* +6.78	$16.80* +7.26	$19.04* +8.23	$21.28* +9.20	$22.40* +9.68

*This portion of benefits subject to same premium as overtime wages.

9-7/3

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per hour:

	07/01/2014	01/01/2015
Marble, Stone,etc. Maintenance Finishers:	$ 21.24	$ 21.38

Note 1: An additional $2.00 per hour for time spent grinding floor using "60 grit" and below.
Note 2: Flaming equipment operator shall be paid an additional $25.00 per day.

SUPPLEMENTAL BENEFITS
Per Hour:

Marble, Stone, etc Maintenance Finishers:	$ 11.77	$ 11.99

OVERTIME PAY
See (B, *E, Q, V) on OVERTIME PAGE
*Double hourly rate after 8 hours on Saturday

HOLIDAY
Paid: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1st term apprentice gets paid for all observed holidays.

REGISTERED APPRENTICES

WAGES per hour:	
(750 hour)terms at the following percentage of journeyman's wage rate:	07/01/2014
1st term 0-750	70%
2nd term 750-1500	74%
3rd trem 1501-2250	78%
4th term 2251-3000	82%
5th term 3001-3750	88%
6th term 3751-4500	96%

Supplemental Benefits:
Per hour paid

1st term	$ 11.58
2nd term	11.59
3rd term	11.72
4th term	11.73
5th term	11.74
6th term	11.76

9-7/24M-MF

Mason - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2015
Marble-Finisher	$ 44.54	44.81

SUPPLEMENTAL BENEFITS
Journeyworker:
per hour paid

Marble- Finisher	$ 29.16	$ 29.79

OVERTIME PAY
See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
* Work beyond 8 hours on a Saturday shall be paid at double the rate.
** When an observed holiday falls on a Sunday, it will be observed the next day.

9-7/20-MF

Mason - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Cement Mason	$ 45.53

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Friday. Any make-up day must be paid at the premium rate.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per Hour:

Cement Mason $ 32.80

OVERTIME PAY
See (*B1, E2, **Q, ***V) on OVERTIME PAGE
* Applies to 9th and 10th hours on Saturday
** "Holidays" only for Building Construction
*** Additional $10.18 to be added to all Time and a Half hours paid

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following Percentage of Journeyworkers Wage.

1st Term	50%
2nd Term	60%
3rd Term	70%

Supplement Benefits per hour paid:

1st Term	$ 16.40
2nd Term	19.68
3rd Term	25.99

4-780

Mason - Building / Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
WAGES

NOTE: Shall include but not limited to Precast concrete slabs (London Walks)
Marble and Granite pavers 2'x 2' or larger.
Per Hour:

	07/01/2014
Stone Setter	$58.72 plus $1.50*
Stone Tender	$40.54 plus $1.50*

*Additional Amounts to be added to Wages and or Benifits.

SUPPLEMENTAL BENEFITS
Per Hour:

Stone Setter	$ 27.35
Stone Tender	17.45

OVERTIME PAY
See (*C, **E, Q) on OVERTIME PAGE
* On weekdays the eighth (8th) and ninth (9th) hours are time and one-half all work thereafter is paid at double the hourly rate.
** The first nine (9) hours on Saturday is paid at time and one-half all work thereafter is paid at double the hourly rate.

HOLIDAY
Paid: See (*18) on HOLIDAY PAGE
Overtime: See (5, 6, 10) on HOLIDAY PAGE
Paid: *Must work First 1/2.

REGISTERED APPRENTICES
Per Hour:

Stone Setter(800 hour) terms at the following Percentage of
Stone Setters wage rate per hour:

1st	2nd	3rd	4th	5th	6th
50%	60%	70%	80%	90%	100%

Supplemental Benefits:

All Apprentices $17.53

4-1Stn

Mason - Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
Per Hour: 07/01/2014

Pointer, Caulkers & Cleaners $47.41

SUPPLEMENTAL BENEFITS
Per Hour:

Pointer, Cleaners & Caulkers $ 24.60

OVERTIME PAY
See (B, E2, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:

One (1) year terms at the following wage rates.

1st	2nd	3rd	4th
$25.01	$27.25	$32.24	$38.66

Apprentices Supplemental Benefits:
(per hour paid)

$4.75	$9.70	$12.45	$12.45

4-1PCC

Operating Engineer - Building 02/01/2015

JOB DESCRIPTION Operating Engineer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Putnam, Queens, Richmond, Westchester

PARTIAL COUNTIES
Dutchess: that part of Dutchess County lying south of the North City Line of the City of Poughkeepsie.

WAGES
NOTE:Construction surveying
Party chief--One who directs a survey party
Instrument Man--One who runs the instrument and assists Party Chief.
Rodman--One who holds the rod and assists the Survey Crew

Wages:(Per Hour)	07/01/2014	07/01/2015
Building Constr:		
Party Chief	$57.27	
Instrument Man	$44.48	
Rodman	$28.71	
Steel Erection:		
		An additional
Party Chief	$58.50 plus $ 2.52*	$ 2.52*
Instrument Man	$45.53 plus 2.16*	$ 2.16*
Rodman	$30.43 plus 1.73*	$ 1.73*

Heavy Construction-NYC counties only:
Foundation, Excavation.

Party Chief	$62.61
Instument man	$46.00
Rodman	$38.61

* May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Classifications	$ 30.62
Premium*	
All Catergories	$ 42.74
Premium**	
All Classes	$ 54.84

*Apply to instances where 1-1/2 regular rate are paid
**Applies to instances where 2 times the regular rate are paid

OVERTIME PAY
See (A, B, E, Q) on OVERTIME PAGE
Code "A" applies to Building Construction and has double the rate after 7 hours on Saturdays.
Code "B" applies to Heavy Construction and Steel Erection and had double the rate after 8 hours on Saturdays.

HOLIDAY
Paid: See (5, 6, 8, 11, 12, 15, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 12, 25) on HOLIDAY PAGE

9-15Db

Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction — 02/01/2015

JOB DESCRIPTION Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
STEEL ERECTION:

Group 1: Derrick, travelers, tower, crawler tower & climbing cranes

Group 2: Oiler (Truck Crane)

Group 3: Oiler (Crawler Crane)

BUILDING CONSTRUCTION:

Group 1: Installing, repairing, maintaining, dismantling of all equipment including Steel cutting& bending machines, mechanical heaters, mine hoists, climbing cranes, tower cranes, Linden Peine, Lorain, Liebherr, Mannes and machines of a similar nature;Well Point system, Deep Well pumps, Concrete mixers with loading devices, Concrete plants, motor generators (When used for temporary power and lights(Driving maintenance trucks and mounted-welded machines)-All Pumps(excluding River Cofferdam Pumps and Well Point Pumps), Motorized Concrete Buggies(When three or more are on jobsite), Skid-Steer and similar machines

Group 2:Maintenance of: Pumps, Generators,Mixers,Heaters

Group 3: Oilers of all gasoline, electric, deisel or air operated Gradalls; Concrete Pumps, Overhead Cranes in Power Houses,Assist in oiling, greasing and repairing of all machines, including: Driving Truck Cranes, Driving and operating Fuel and Grease Trucks, Cherry Pickers(Hydraulic Cranes) over 70,000 GVW and machines of a similar nature

Group 4: Oiler on Crawler Cranes, Backhoes, Trenching Machines, Gunite Machines, Compressors(3 or more in battery)

Group 5: Maintenance on Radiant Mechanical Heaters

HEAVY CONSTRUCTION (Excavation, Foundations, etc)

Group 1:Maintenance of: Generators, Light Towers

Group 2:Maintenance of: Pumps, Mixers including mudsucking

Group 3: Base Mounted Tower Cranes

Group 4: Installing, repairing, maintaining, dismantling(of all equipment including Steel cutting & Bending machines, Fusion Coupling Machines, Vermeer Trenching machines, on-site crushing plant, mechanical heaters(1 through 7),Mine hoists, Tower Cranes, Linden Peine, Lorrain, Lebherr, Mannes or machines of a similar nature, Wellpoints)-Driving maintenance trucks and truck mounted welding machines, burning, welding-operating of accumilator for shield-driven tunnels, in addition to the performance of other duties:Handling,installation, jointing, coupling of all perminent steel and plastic pipe. RIDE UPON MOLES-tunnel boring machines-MICRO TUNNELING SYSTEMS, All temporary pipefitting;When three or more motorized concrete buggies(Ride type)are utilized on the jobsite they shall be serviced, maintained and repaired by the maintenance engineer.The Operating Engineer on autogrades(C.M.I.)is to be assisted by the maintenance engineer who shall in addition perform other duties.

WAGES: Per hour:	07/01/2014	07/01/2015
Steel Erection:		An additional
Group 1	$ 62.68 plus $2.52*	$2.52*
Group 2	59.06 plus $2.42*	$2.42*
Group 3	46.47 plus $2.06*	$2.06*

Building Construction:	
Group 1	$ 59.67
Group 2	47.73
Group 3	57.03
Group 4	43.94
Group 5	38.76

Heavy Construction:	
Group 1	$ 44.73
Group 2	45.74
Group 3	82.93
Group 4	64.60

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Classifications	$ 20.00* plus $6.40

* This portion of benefits subject to same premium as wages.

OVERTIME PAY
See (D, O) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages Per Hour:

(1) year terms at the following wage rates:

Apprentices:	1st	2nd	3rd	4th.
07/01/2014	$28.12	$33.74	$36.55	$39.36

Supplemental Benefits:
Per Hour:
All Apprentices: $ 8.75*
* This portion of benefits subject to same premium as wages.

9-15Ab

Operating Engineer - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Operating Engineer - Building / Heavy&Highway **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
EQUIPMENT COVERED: Jet-Rodder/Vacuum Truck, Flusher, Sewer Rodder, Stetco Hoist and similar, Sewer Winch/Tugger Hoist and similar, Vacall/Vactor, Closed Circuit Television Inspection Equipment, Chemical Grouting Equipment and similar, John Beame, Meyers and similar.

Per Hour:	07/01/2014
Maintenance Engineer (Sewer Systems)	$ 64.60

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
Journeyman	$ 20.00* plus $ 6.40

*This porion of benefits subject to same premium as wages.

OVERTIME PAY
See (D, O) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:

(1) year terms at the following wage rates.

1st	2nd	3rd	4th
$28.12	$33.74	$36.55	$39.36

Suppllemental Benefits:
Per Hour:

All Apprentices:	$ 8.75*plus an additional $ 6.40

* This portion of benefits subject to the same premium as overtime wages

9-15Sewer

Operating Engineer - Building & Steel Erection — 02/01/2015

JOB DESCRIPTION Operating Engineer - Building & Steel Erection **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:	07/01/2014
STEEL ERECTION:	
Three Drum Derricks	$ 82.66
Cranes,Two Drum Derricks, Hydraulic Cranes & Fork Lifts, Boom Trucks	$ 79.71
Compressors, Welding Machines, Bridge Inspection Machines, Moog and machines of a similar nature)	$ 50.24
Compressors(Not combined with welding machines)	$ 48.19
BUILDING CONSTRUCTION:	
Cranes, Stone Derrick, Boom Trucks, Hydraulic Cranes	$ 76.09
Double Drum	$ 72.18
4 Pole Hoists and Single Drum Hoists	$ 69.93
Fork Lifts,Plaster(Platform Machine)Plaster Bucket, Concrete Pumps and all other equipment used for hoisting	$ 64.17
House Cars and Rack & Pinion	$ 56.88
*House Cars (New Projects)	$ 46.66
Erecting and dismantling Cranes	$ 70.61

Compressors, Welding Machines(Cutting Concrete-Tank Work), Paint Spraying, Sand Blasting, Pumps(With the exclusion of concrete pumps), House Car (Settlement basis only), All Engines irrespective of power(Power-Vac)used to drive auxiliary equipment Air, Hydraulic,etc.,Boilers, Jacking System
$ 49.63

*APPLIES TO PROJECTS STARTED AFTER 07/01/2011.

APPLICABLE TO ALL CATEGORIES:
CRANES: Crawler Or Truck

	In Addition To Above Crane Rates
100' to 149' Boom	$ 1.75/hr
150' to 249' "	2.00/hr
250' to 349' "	2.25/hr
350' to 450' "	2.75/hr
Tower Crane	2.00/hr

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Operator Classes	$ 18.70* plus $ 5.45

* This portion of the benefits is subject to the same premium as shown for overtime wages.

OVERTIME PAY
See (*C, **D, O) on OVERTIME PAGE
*Applies to Building Construction category
**Applies to Steel Erection

HOLIDAY
Paid: See (5, 6, 7, 8, 11, 12, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 8, 11, 12, 16) on HOLIDAY PAGE
Codes 8 and 12 apply ONLY to Steel Erection
Code 16 applies ONLY to Building Construction

REGISTERED APPRENTICES
Wage Per Hour:

Apprentices (1) year terms at the following rates:

1st	2nd	3rd
$34.04	$40.97	$47.89

Supplemental Benefits Per Hour:

Straight Time	$ 8.70* plus $ 5.45

* This portion of benefits subject to the same premium as shown for overtime wages.

9-14 B&S

Operating Engineer - Heavy Construction **02/01/2015**

JOB DESCRIPTION Operating Engineer - Heavy Construction **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per Hour:
Group 1: Tower Crane/Climbing Crane

Group 2: Backhoes (Including all track and rubber tire backhoes over 37,000 lbs), Power Shovels, Steel Erection:Hydraulic Clam Shells,Moles and machines of a similar nature

Group 3: Mine Hoists, Cranes, etc, used as Mine Hoists

Group 4: Gradalls, Keystones, Cranes (With digging buckets), Bridge Cranes, Trenching Machines, Vermeer Cutter and machines of a similar nature

Group 5: Pile Drivers and Rigs (Employing Dock-Builders Foreman), Derrick Boats, Tunnel Shovels,

Group 6: All Drills and machines of a similar nature

Group 7: Back-Filling Machines and Cranes, Mucking Machines, Dual Drum Pavers

Group 8: Mixers (Concrete with loading attachment), Concrete Pavers, Cableways, Land Derricks, Power House (Low pressure units)

Group 9: Concrete Pumps, Concrete Plant, Stone Crushers, Double Drum Hoists, Power Houses (Other than above)

Group 10: Concrete Mixer

Group 11: Elevators

Group 12: Concrete Breaking Machines, Single Drum Hoists, Load Masters, Locomotives and Dinkies (Over 10 tons), Hydraulic Crane-Second Engineer

Group 13: On-Site Concrete Plant Engineers, On-Site Asphalt Plant Engineer and Vibratory Console

Group 14: Barrier Mover, Barrier Transport and machines of a similar nature

Group 15: Compressors (Portable, 3 or more), Truck Compressor (Engineer Driver), Tugger Machines, Well Point Pumps, Chum Drill

Group 16: Boilers(High pressure),Compressors, Pumps(River Cofferdam) and Welding Machines(except where arc is operated by another Operating Engineer) Push Button Machines, All Engines,irrespective of power(Power Pac) used to drive auxiliary equipment, Air, Hydraulic, etc.

Group 17: Utility-Horizontal Boring Rig

Group 18: Utility Compressors

Group 19: Paving-Asphalt Spreader, Autogrades (C.M.I.), Roto-Mill

Group 20: Paving-Asphalt Roller

Group 21 Paving-Asphalt Plant

Group 22: Roller (non paving, all sizes)

Group 23: Cherry Picker (Over 20 tons), Loader (Over 6 yards)

Group 24: Backhoes and Loaders (Up to 37,000lbs), Bulldozers, Scrapers, Turn-A-Pulls, Tugger Hoists, Tractors, Hysters, Rooustabout Cranes, Conveyers, Balast Regulators (Ride On), Track Removal Machine or similar, Motor Graders, Locomotives (10 tons and under),Curb & Gutter Pavers and machines of a similar nature

Group 25:Post Hole Digger,Ditch Winch, Road Finishing Machines, Rollers (5 tons and under, Dual Purpose Trucks,Forklifts, Dempsey Dumpsters, Fireman

Group 26: Oiler (Gradalls, Concrete Pumps, Cold Planers Grader)

Group 27: Oiler (Crawler Cranes, Backhoes, Trenching Machines, Compressors (3 or more in battery)

Group 28:Steam Equipment Operator (Water rigs, steam shovels, power boilers, derrick boats)

WAGES:(per hour)	07/01/2014
Group 1	$ 91.35
Group 2	76.45
Group 3	78.69
Group 4	76.98
Group 5	75.58
Group 6	72.80
Group 7	74.05
Group 8	72.11
Group 9	70.69
Group 10	67.88
Group 11	63.81
Group 12	65.09

Group 13	65.56
Group 14	59.43
Group 15	50.98
Group 16	47.79
Group 17	68.88
Group 18	47.53
Group 19	72.11
Group 20	70.39
Group 21	60.52
Group 22	70.39
Group 23	66.68
Group 24	64.87
Group 25	61.85
Group 26	58.85
Group 27	42.66
Group 28	61.85

Cranes: Crawler or Truck

100' to 149'	$0.50 per hour additional to above Crane Rates
150' to 249'	$0.75 per hour additional to above Crane Rates
250' to 349'	$1.00 per hour addiiional to above crane Rates
350' to 450'	$1.50 per hour additional to above crane Rates

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2014

Groups 1-22

Regular Time $ 18.70* plus $ 5.45

Groups 23-28

Regular Time $ 20.00* plus $6.40

* This portion of benefits subject to the same premium as shown for wages.

OVERTIME PAY

See (D, O) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES

Per Hour:

(1) year terms at the following wage rates:

	1st	2nd	3rd	
Groups 1-22	$34.04	$40.97	$47.89	
	1st	2nd	3rd	4th
Groups 23-28	$28.12	$33.74	$36.55	$39.36

Supplemental Benefits:

Per Hour:

Groups 1-22

Regular Time $ 8.70* plus $ 5.45

Groups 23-28

Regular Time $ 8.75* plus $6.40

* This portion of benefits is subject to the SAME PREMIUM as shown for overtime wages

9-14 HC

Operating Engineer - Marine Construction **02/01/2015**

JOB DESCRIPTION Operating Engineer - Marine Construction **DISTRICT** 4

ENTIRE COUNTIES

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

Per Hour:

DREDGING OPERATIONS	07/01/2014	10/01/2014
CLASS A		
Operator, Leverman, Lead Dredgeman	$ 34.73	$ 35.63
CLASS A1 Dozer,Front Loader Operator	To conform to Operating Engineer Prevailing Wage in locality where work is being performed including benefits.	
CLASS B		
Spider/Spill Barge Operator, Tug Operator(over1000hp), OperatorII, Fill Placer, Derrick Operator, Engineer, Chief Mate, Electrician, Chief Welder, Maintenance Engineer	$ 30.05	$ 30.81
Certified Welder, Boat Operator(licensed)	$ 28.30	$ 29.01
CLASS C		
Drag Barge Operator, Steward, Mate, Assistant Fill Placer,	$ 27.54	$ 28.22
Welder (please add)$ 0.06		
Boat Operator	$ 26.55	$ 27.30
CLASS D		
Shoreman, Deckhand, Rodman, Scowman, Cook, Messman, Porter/Janitor	$ 22.17	$ 22.68
Oiler(please add)$ 0.09		

SUPPLEMENTAL BENEFITS

Per Hour:

THE FOLLOWING SUPPLEMENTAL BENEFITS APPLY TO ALL CATEGORIES

	07/01/2014	10/01/2014
All Classes A & B	$ 9.42 plus 8% of straight time wage, Overtime hours add $ 0.63	$ 9.99 plus 8% of straight time wage, Overtime hours add $ 0.63
All Class C	$ 9.12 plus 8% of straight time wage, Overtime hours add $ 0.48	$ 9.69 plus 8% of straight time wage, Overtime hours add $ 0.48
All Class D	$ 8.82 plus 8% of straight time wage, Overtime hours add $ 0.33	$ 9.39 plus 8% of straight time wage, Overtime hours add $ 0.33

OVERTIME PAY

See (B, F, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 15, 26) on HOLIDAY PAGE

4-25a-MarConst

Operating Engineer - Survey Crew - Consulting Engineer **02/01/2015**

JOB DESCRIPTION Operating Engineer - Survey Crew - Consulting Engineer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
Dutchess: That part in Duchess County lying South of the North City line of Poughkeepsie.

WAGES
Feasibility and preliminary design surveying, any line and grade surveying for inspection or supervision of construction.

Per hour: Survey Classifications	07/01/2014	07/01/2015 Additional	07/01/2016 Additional
Party Chief	$35.55 + $1.06*	$1.63*	$2.24*
Instrument Man	29.41 + 0.94*	1.44*	1.98*
Rodman	25.54 + 0.86*	1.32*	1.82*

* To be allocated at a future date

SUPPLEMENTAL BENEFITS
Per Hour:

All Crew Members:	$17.90	$17.90	$17.90

OVERTIME PAY
OVERTIME:.... See (B, E*, Q, V) ON OVERTIME PAGE.
*Doubletime paid on the 9th hour on Saturday.

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

9-15dconsult

Painter 02/01/2015

JOB DESCRIPTION Painter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014
Brush	$ 43.75
Abatement/Removal of lead based or lead containing paint on materials to be repainted.	$ 43.75
Spray & Scaffold	$ 46.75
Fire Escape	$ 46.75
Decorator	$ 46.75
Paperhanger/Wall Coverer	$ 41.08

SUPPLEMENTAL BENEFITS

Per hour worked:	07/01/2014
Paperhanger	$ 29.33
All others	$ 20.97
Premium*	$ 23.47*

*Applies only to "All others" catergory,not paperhanger journeyman.

OVERTIME PAY
See (A, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Indentured after 5/31/93 (1) year terms at the following wage rate.
(per hour)

	07/01/2014
Appr 1st term...	$ 16.55
Appr 2nd term...	$ 21.66
Appr 3rd term...	$ 26.24
Appr 4th term...	$ 35.02

Spplemental benefis:
(per Hour worked)

Appr 1st term...	$ 10.23
Appr 2nd term...	$ 12.92
Appr 3rd term...	$ 15.20
Appr 4th term...	$ 19.70

8-NYDC9-B/S

Painter — 02/01/2015

JOB DESCRIPTION Painter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
Nassau: Atlantic Beach, Ceaderhurst, East Rockaway,Hewlett, Hewlett Bay, Hewlett Neck, Hewlett Park, Inwood, Lawrence, Lido Beach, Long Beach, parts of Lynbrook, parts of Oceanside, parts of Valley Stream, and Woodmere. Starting on South side of Sunrise Hwy in Valley Stream running east to Windsor and Rockaway Ave, Rockville is the boundary line up to Lawson Blvd, turning right going west all the above territory. Starting at Union Turnpike &Lakeville Rd going north to northern Blvd. the west side of Lakeville Rd to Northern Blvd. At Northern Blvd doing east the district north of Northern blvd to Port Washington blvd. West of Port Washington blvd to St.Francis Hospital then north of first traffic light to Port Washington & Sands Point, Manor Haven, & Harbour Acres.

WAGES

Per hour:	07/01/2014	12/31/2014	07/01/2015
Drywall Taper	$ 45.32	$ 45.82	$ 46.32

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	12/31/2014	07/01/2015
Journeyworker:	$ 23.03	$ 23.03	$ 23.03

OVERTIME PAY
See (A, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6, 8, 11, 18, 19, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

12 months' terms(year consists of 1500 hours).

	07/01/2014	12/31/2014	07/01/2015
1st year	$ 18.13	$ 18.33	$ 18.53
2nd year	$ 27.20	$ 27.50	$ 27.80
3rd year	$ 36.26	$ 36.66	$ 37.06

Supplemental Benefits per hour worked:

One (1) year term at the following dollar amount:

1st term	$ 10.25	$ 10.25	$ 10.25
2nd term	$ 16.43	$ 16.43	$ 16.43
3rd term	$ 19.25	$ 19.25	$ 19.25

8-NYC9-1974-DWT

Painter - Bridge & Structural Steel — 02/01/2015

JOB DESCRIPTION Painter - Bridge & Structural Steel **DISTRICT** 8

ENTIRE COUNTIES
Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES
Per Hour Worked:
STEEL:

Bridge Painting:	07/01/2014	10/01/2014
From May 1st to Nov. 15th -		
	$ 47.00	$ 48.75
	+ 5.38*	+ 5.63*
From Nov. 16th to April 30th -		
	$ 47.00	$ 48.75
	+ 5.38*	+ 5.63*

*Not subject to overtime and limited to first 40 hours
NOTE: All premium wages are to be calculated on $47.00 or $48.75 per hour only.

EXCEPTION: During the period of May 1st to November 15th, for the first and last week of employment on the project, and for the weeks of Memorial Day, Independence Day and Labor Day, this rate shall be paid for the actual number of hours worked.

Power Tool/Spray is an additional $6.00 per hour above hourly rate, whether straight time or overtime

NOTE: Generally, for Bridge Painting Contracts, ALL WORKERS on and off the bridge (including Flagmen) are to be paid Painter's Rate; the contract must be ONLY for Bridge Painting.

SUPPLEMENTAL BENEFITS
Per Hour Worked:

Journeyworker:	07/01/2014	10/01/2014
From May 1st to Nov. 15th -		
Hourly Rate up to 40 hours	$ 28.20	$ 28.95
Hourly Rate after 40 hours	7.50	7.50
From Nov. 16th to April 30th -		
Hourly Rate up to 50 hours	28.20	28.95
Hourly Rate after 50 hours	7.50	7.50

EXCEPTION: During the period of May 1st to November 15th, for the first and last week of employment on the project, and for the weeks of Memorial Day, Independence Day and Labor Day, this rate shall be paid for the actual number of hours worked.

OVERTIME PAY
See (A, F, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(Wage per hour Worked):

Apprentices: (1) year terms

	07/01/2014	10/01/2014
1st 90 days	$ 20.96	$ 21.76
1st year after 90 days	20.96	21.76
2nd year	31.43	32.63
3rd year	41.91	43.51

Supplemental Benefits per hour worked:

	07/01/2014	10/01/2014
1st 90 days	$ 8.29	$ 8.59
1st year after 90 days	8.54	8.84
2nd year	16.93	17.38
3rd year	22.57	26.17

8-DC-9/806/155-BrSS

Painter - Line Striping **02/01/2015**

JOB DESCRIPTION Painter - Line Striping **DISTRICT** 8

ENTIRE COUNTIES

Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES
Per hour:

	07/01/2014
Painter (Striping-Highway):	
Striping-Machine Operator*	$ 27.11
Linerman Thermoplastic	$ 32.37

Note: * Includes but is not limited to: Positioning of cones and directing of traffic using hand held devices. Excludes the Driver/Operator of equipment used in the maintenance and protection of traffic safety

Four (4), ten (10) hour days may be worked at straight time during a week.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014
Journeyworker:	
Striping-Machine operator	$ 14.18
Linerman Thermoplastic	$ 14.55

OVERTIME PAY
See (B, E, E2, F, S) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 20) on HOLIDAY PAGE
Overtime: See (5, 8, 11, 12, 15, 16, 17, 20, 21, 22) on HOLIDAY PAGE

8-1456-LS

Painter - Metal Polisher — 02/01/2015

JOB DESCRIPTION Painter - Metal Polisher **DISTRICT** 8

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

	07/01/2014
Metal Polisher	$ 27.15
Metal Polisher**	28.24
Metal Poilsher***	30.65

**Note: Applies on New Construction & complete renovation
*** Note: Applies when working on scaffolds over 34 feet.

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
Journeyworker:	
All classification	$ 13.61

OVERTIME PAY
See (B, E, E2, P, T) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
One (1) year term at the following wage rates:

1st	2nd	3rd
$11.00	$12.50	$15.50

Supplentals benefits:
Per hour paid:

1st	2nd	3rd
$ 9.94	$10.31	$10.51

8-8A/28A-MP

Plasterer — 02/01/2015

JOB DESCRIPTION Plasterer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, New York, Richmond

WAGES
Per hour: 07/01/2014

Plasterer/Traditional	$ 35.53

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyworker	$ 25.19

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:
(per hour paid):

(1) year terms at the following percentage of Journeyworkers wage.

First year:	1st 6 months	2nd 6 months
	40%	45%
Second year:	1st 6 months	2nd 6 months
	55%	60%
Third year:	1st 6 months	2nd 6 months
	70%	75%

Supplemental Benefits:
(per hour paid):
(1) year term broken down into six months period:

First year:	
1st six months	$ 9.35
2nd six months	$ 10.58
Second year:	
1st six months	$ 12.58
2nd six months	$ 13.59
Third year:	
1st six months	$ 15.61
2nd six months	$ 16.64

9-530-Z2

Plumber — 02/01/2015

JOB DESCRIPTION Plumber **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour worked:

	07/01/2014	10/01/2014	01/01/2015	04/01/2015 An Additional
Plumber	$ 65.55	$ 65.55	$ 65.55	
Temporary				

Service**	52.52	52.52	52.52	
Repairs & Maintenance***	38.55	39.05	39.05	$ 0.75*

* To be allocated

** Temporary Service- Includes Maintenance of cooling & heating apparatus, maintenance work on pneumatic systems during the construction period, and work on temporary heat. All hours paid at straight time, including holidays.

***THERE ARE NO HELPERS UNDER THIS CLASSIFICATION; WHEN USING APPRENTICES, MUST FOLLOW RATIO FOR PLUMBERS

***Repair & Maintenance work is any repair and/or replacement of present plumbing system that does not change existing roughing or water supply lines.

On tower work, bridges, elevated highway, or buildings, where pipe is being installed, fifty (50) or more feet vertically in a free drop from its base,an additional $1.00 per hour.

SHIFT WORK:
Shift work,when directly specified in public agency or authority contract documents, and continues for a period of not less than ten (10) consecutive work days. A shift shall consist of seven(7) hours with one-half (1/2) hour for lunch after the first four (4) hours of each shift. A premium of thirty percent (30%) for wages and supplemental benefits on shift work performed Monday through Friday on the 4 P.M.and midnight shifts.
For shift work performed on weekends the shift premium shall be fifty percent (50%) of wages and supplemental benefits.
For shift work performed on holidays designated below, double time wages and supplemental benefits shall be paid. Also noted that the normal workday Monday through Friday 8:00 A.M. to 3:00 P.M. is not considered shift work, and therefore not subject to shift premium.

SUPPLEMENTAL BENEFITS

Per hour worked:

	07/01/2014	10/01/2014	01/01/2015
Plumber	$ 25.50	$ 25.50	$ 26.80
Temporary Service	19.92	19.92	20.96
Repair & Maintenance	12.56	13.06	13.06

OVERTIME PAY

Plumber	See (C, O, V) on OVERTIME PAGE.
Repairs & Maintenance	See (B, H) on OVERTIME PAGE.

When calculating premium pay, subtract $ 0.28 from regular hourly wage rate.

HOLIDAY

Plumber	
Overtime:	See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE.
Repairs & Maintenance	
Paid:	See (1) on HOLIDAY PAGE.
Overtime:	See (5, 6, 25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour:

(1/2) year terms at the following wage:

1st&2nd	3rd&4th	5th&6th	7th&8th	9th	10th
$ 14.28	$ 24.15	$ 26.25	$ 29.10	$ 30.50	$ 42.57

Supplemental Benefits per hour paid:
(1/2) year term at the following dollar amount:

1st	2nd	3rd-10th
$ .43	$ 2.68	$ 11.18

Note: The Repairs & Maintenance Category has NO Apprentices.

9-1

Roofer **02/01/2015**

JOB DESCRIPTION Roofer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Dutchess, Kings, New York, Orange, Putnam, Queens, Richmond, Rockland, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2014	07/01/2015
Roofer/Waterproofer	$ 40.70	An additional $ 1.50*

* May be allocated between wages and benefits
Note: Abatement/Removal of Asbestos containing roofs and roofing material is classified as Roofer.

SUPPLEMENTAL BENEFITS
Journeyworker $ 29.46

OVERTIME PAY
See (B, H) on OVERTIME PAGE
Note: An observed holiday that falls on a Sunday will be observed the following Monday.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following percentage of Journeyworkers hourly wage.

1st	2nd	3rd	4th
35%	50%	60%	75%

Supplements per hour paid at the following rates:

1st	2nd	3rd	4th
$ 2.70	$ 15.02	$ 17.90	$ 22.25

9-8R

Sheetmetal Worker — 02/01/2015

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Sheetmetal Worker	$ 50.67
Temporary Operation or Maintenace of Fans	40.42

SUPPLEMENTAL BENEFITS

Per Hour:	
Sheetmetal Worker	$ 39.91
Maintenance Worker	39.91

OVERTIME PAY
See (A, E, E2, Q, V) on OVERTIME PAGE
For Maintenance See Codes B,E, Q & V

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:Wages

Six(6) Month Terms As Follows:

1st Term	$ 14.35
2nd Term	17.72
3rd Term	22.12
4th Term	24.89
5th Term	26.24
6th Term	28.45
7th Term	34.53

8th Term	37.23
9th Term	40.34

Per Hour: Supplemental Benifits

1st Term	$ 5.50
2nd Term	14.80
3rd Term	21.51
4th Term	23.31
5th Term	24.94
6th Term	27.04
7th Term	30.60
8th Term	31.77
9th Term	32.94

4-28

Sheetmetal Worker — 02/01/2015

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per Hour:	07/01/2014	08/01/2014
Sign Erector	$ 44.20	$ 45.60

NOTE: Overhead Highway Signs and Structurally Supported Signs(See IRON WORKER CLASS)

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	08/01/2014
Sign Erector	$ 38.22	$ 40.25

OVERTIME PAY
See (A, F, S) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:
6 month Terms at the following percentage of Sign Erectors wage rate:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
35%	40%	45%	50%	55%	60%	65%	70%	75%	80%

SUPPLEMENTAL BENEFITS
Per Hour:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
$11.08	$12.55	$14.04	$15.51	$21.93	$23.86	$26.46	$28.45	$30.42	$32.40

4-137-SE

Steamfitter — 02/01/2015

JOB DESCRIPTION Steamfitter **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Steam/Sprinkler Fitter	$ 58.81
Temporary	$ 44.71

Heat & AC

NOTE: Add 30% to Hourly Wage for "Contracting Agency" Mandated Off Shift Work.

SUPPLEMENTAL BENEFITS
Per Hour:

Steam/Sprinkler Fitter	$ 45.67
Temporary Heat & AC	$ 37.26

OVERTIME PAY
See (C, *D, O, V) on OVERTIME PAGE
(*D) On all HVAC and Mechanical contracts that do not excedd $15,000,000. and on all fire protection/sprinklet contracts that do not exceed $1,500,000.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
1 year Terms at the Following:

WAGES per hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
$ 23.56	$ 29.44	$ 38.25	$ 47.06	$ 50.00

SUPPLEMENTAL BENEFIT
Per Hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
$ 18.79	$ 23.29	$ 29.99	$ 36.71	$ 38.95

4-638A-StmSpFtr

Steamfitter 02/01/2015

JOB DESCRIPTION Steamfitter **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014	01/01/2015
		Additional
AC Service/Heat Service Steamfitter Maintenance	$ 38.30	$ 0.75*

Refrigeration, A/C, Oil Burner and Stoker Service and Repair.
Refrigeration Compressor installation up to 5hp (combined).
Air Condition / Heating Compressor installation up to 10hp (combined).

(*)To be allocated at a later date

SUPPLEMENTAL BENEFITS
Per Hour

AC Service/Heat Service Steamfitter Maintenance	$ 9.70

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 25, 26) on HOLIDAY PAGE

4-638B-StmFtrRef

Teamster - Heavy Construction 02/01/2015

JOB DESCRIPTION Teamster - Heavy Construction **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per Hour:

Dump Trucks/Drivers (Debris Removal, Street Level and below)

	07/01/2014
Dump Trucks	$ 38.855
Tractor Trailers	$ 38.875
Euclid/Turnapull	$ 39.44

SUPPLEMENTAL BENEFITS
Per Hour:

Dump Trucks	
Up to 40 Hours Worked	$ 40.84
Over 40 Hours Worked	$ 14.90
ALL OTHERS	
uUp to 40 Hours Worked	$ 41.70
Over 40 Hours Worked	$ 14.50

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE
Note: Employees receive 2 hours of Holiday Pay for each day worked in holiday week (not to exceed 8 hours)

4-282

Welder **02/01/2015**

JOB DESCRIPTION Welder **DISTRICT** 1

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES
Per hour 07/01/2014

Welder (To be paid the same rate of the mechanic performing the work)

OVERTIME PAY

HOLIDAY

1-As Per Trade

Kings County General Construction

Asbestos Worker — 02/01/2015

JOB DESCRIPTION Asbestos Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014	12/01/2014 Additional
Abestos Worker Removal & Abatement Only*	$ 47.00	$ 0.50**

NOTE: *On Mechanical Systems that are NOT to be SCRAPPED. To be allocated to (**) To be allocated at a later date

SUPPLEMENTAL BENEFITS

Per Hour:	
Abestos Worker Removal & Abatement Only	$ 4.70

OVERTIME PAY
See (B, B2, *E, J) on OVERTIME PAGE
Hours worked on Saturdays are paid at time and one half only if forty hours have been worked during the week.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
Apprentice Removal & Abatement Only:
1000 hour terms at the following percentage of Journeyman's rates.

1st	2nd	3rd	4th
78%	80%	83%	89%

SUPPLEMENTAL BENEFIT

Per Hour:	
Apprentice Removal & Abatement	$ 4.70

4-12a - Removal Only

Boilermaker — 02/01/2015

JOB DESCRIPTION Boilermaker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2014	01/01/2015
Boilermaker	$ 50.45	$ 51.56
Repairs & Renovations	$ 50.45	$ 51.56

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	01/01/2015
Boilermaker	32% of hourly	32% of hourly
Repairs & Renovations	Wage Paid + $25.16	Wage Paid + $25.19

NOTE: "Hourly Wage Paid" shall include any and all premium(s) pay.

Repairs & Renovation Includes replacement of parts and repairs & renovation of existing unit.

OVERTIME PAY
OVERTIME PAY
See (D, O) on OVERTIME PAGE
HOLIDAY
Paid: See (8, 16, 23, 24) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 12, 15, 25) on HOLIDAY PAGE
NOTE: *Employee must work in pay week to receive Holiday Pay.
**Boilermarker gets 4 times the hourly wage rate for working on Labor Day.
***Repairs & Renovation see (B,E,Q) on HOLIDAY PAGE

HOLIDAY

REGISTERED APPRENTICES
Wage per hour:
(1/2) Year Terms at the following pecentage of Boilermaker's Wage

1st	2nd	3rd	4th	5th	6th	7th	8th
65%	65%	70%	75%	80%	85%	90%	95%

Supplemental Benefits Per Hour:

Apprentice(s)	07/01/2014 32% of Hourly Wage Paid plus amount below	01/01/2015 32% of Hourly Wage Paid Plus Amount Below
1st Term	$ 19.25	$ 19.27
2nd Term	20.10	20.11
3rd Term	20.94	20.95
4th Term	21.78	21.80
5th Term	22.62	22.65
6th Term	23.47	23.49
7th Term	24.31	24.33

NOTE: "Hourly Wage Paid" shall include any and all premium(s)

4-5

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester

PARTIAL COUNTIES
Orange: South of but including the following, Waterloo Mills, Slate Hill, New Hampton, Goshen, Blooming Grove, Mountainville, east to the Hudson River.
Putnam: South of but including the following, Cold Spring, TompkinsCorner, Mahopac, Croton Falls, east to Connecticut border.
Suffolk: West of Port Jefferson and Patchogue Road to Route 112 to the Atlantic Ocean.

WAGES

Per hour:	07/01/2014	10/17/2014
Core Drilling:		
Driller	$ 35.71	$ 36.82
Driller Helper	$ 28.60	$ 29.44
Additional Helpers: One (1) year increments. This is not an apprenticeship for Driller:		
Helper 1st year	$ 20.02	$ 20.61
Helper 2nd year	22.88	23.55
Helper 3rd year	25.74	26.50
Helper 4th year	28.60	29.44

Note: Hazardous Waste Pay Differential:
For Level C, an additional 10% above wage rate per hour
For Level B, an additional 10% above wage rate per hour
For Level A, an additional 10% above wage rate per hour
Note: When required to work on water: an additional $ 0.50 per hour.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014	10/17/2014
Driller and All Helpers	$21.69	$ 22.79

OVERTIME PAY
OVERTIME: See (B,E,K*,P,R**) on OVERTIME PAGE.

HOLIDAY
Paid: See (5,6) on HOLIDAY PAGE.
Overtime: * See (5,6) on HOLIDAY PAGE.
** See (8,10,11,13) on HOLIDAY PAGE.

8-1536-CoreDriller

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per Hour:

	07/01/2014
Timberman	$ 44.33

SUPPLEMENTAL BENEFITS
Per Hour:

	07/01/2014
	$ 45.36

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour:
(1) year terms:

1st	2nd	3rd	4th
$17.73	$22.16	$28.81	$35.46

Supplemental benefits per hour:
$ 30.86

8-1556 Tm

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Building
Millwright $ 48.44

SUPPLEMENTAL BENEFITS
Per hour paid:

Millwright $ 50.49

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19)* on HOLIDAY PAGE.

Overtime See (5,6,8,11,13,18,19,25) on HOLIDAY PAGE.

* must show up to work

REGISTERED APPRENTICES

Wages per hour is Pecentage of Journeyworkers wage:

(1) year terms:

1st.	2nd.	3rd.	4th.
$26.64	$31.49	$36.33	$46.02

Supplemental benefits per hour paid:

(1) year terms:

1st.	2nd.	3rd.	4th.
$32.81	$36.15	$40.63	$46.21

8-740.1

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per Hour: 07/01/2014

Marine Construction:

Marine Diver	$ 61.30
Marine Tender	43.45

SUPPLEMENTAL BENEFITS
Per Hour Paid:

Journeyman	$ 46.09

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18, 19) on HOLIDAY PAGE
Overtime: See (5, 6, 10, 11, 13, 16, 18, 19) on HOLIDAY PAGE

8-1456MC

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Carpet/Resilient Floor Coverer	$ 49.88

INCLUDES HANDLING & INSTALLATION OF ARTIFICIAL TURF AND SIMILAR TURF INDOORS/OUTDOORS.

SUPPLEMENTAL BENEFITS
Per hour paid:

Floor Coverer	$ 44.07

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18, 19)on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wage per hour is Pecentage of Journeyworkers Wage

(1) year terms:

1st.	2nd.	3rd.	4th.
$19.95	$24.94	$32.42	$39.90

Supplemental benefits per hour:

$ 30.22

8-2287

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Piledriver	$ 48.35
Dockbuilder	$ 48.35

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker	$ 46.09

OVERTIME PAY
See (B, E2, O) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19)on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour
(1)year terms:

1st	2nd	3rd	4th
$19.34	$24.17	$31.43	$38.68

Supplemental benefits per hour:

Apprentices	$ 31.23

8-1556 Db

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Putnam, Queens, Richmond

PARTIAL COUNTIES
Nassau: That portion of the county that lies west of Seaford Creekand south of the Southern State Parkway.

WAGES
Per hour: 07/01/2014

Show Exibit/
Carpenter $ 48.38

SUPPLEMENTAL BENEFITS
Per hour paid:

Show Exibit/

Carpenter $ 42.67

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid:for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour is Pecentage of Journeyworkers Wage

(1) year terms:

1st.	2nd.	3rd.	4th.
$19.35	$24.19	$31.45	$38.70

Supplemental benefits per hour:
Apprentices $ 29.52

8-EXHIB

Carpenter - Building 02/01/2015

JOB DESCRIPTION Carpenter - Building **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
Nassau: Work preformed south of the Southern State Parkway and west of the Seaford Creek.

WAGES
Per hour: 07/01/2014

Building:
Carpenter $49.88

SUPPLEMENTAL BENEFITS
Per hour paid:

Building:
Carpenter $ 44.07

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wage per hour:

(1) year terms:

	1st	2nd	3rd	4th
Building	$19.95	$24.94	$32.42	$39.90

Supplemental benefits per hour for all Apprentices:

Building $ 30.22

8-NYC Bldg.

Carpenter - Heavy&Highway 02/01/2015

JOB DESCRIPTION Carpenter - Heavy&Highway **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014
Heavy&Highway Carpenter	$ 48.35

SUPPLEMENTAL BENEFITS
Per hour paid:

Heavy & H/way Carpenter	$ 46.09

OVERTIME PAY
See (B, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid:	See (18, 19) on HOLIDAY PAGE
Paid : for 1st & 2nd yr Apprentices	See(5,6,11,13,16,18,19,25)
Overtime:	See(5,6,11,13,16,18,19,25) on holiday Page

REGISTERED APPRENTICES
Wage per hour:
(1) year terms:

	1st	2nd	3rd	4th
Heavy & Highway	$19.34	$24.17	$31.43	$38.68

Supplemental Benefits:
Per Hour paid

All Apprentices	$31.23

8-NYC H/H

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	06/01/2015
Tree Trimmer	$ 27.20	$ 27.88
Ground Person	$ 17.98	18.43

Applies to line clearance, tree work, and right-of-way preparation on all new or existing overhead, electrical, telephone, and CATV lines.

SUPPLEMENTAL BENEFITS
Per hour paid:

Tree Trimmer	$ 10.19	$ 10.44
Ground Person	$ 6.73	6.90

Note: *Plus paid vacation & 4 days sick leave. Vacation based on continous service as follows:

* 40 hours after 1 year
* 80 hours after 2 years
* 120 hours after 5 years
* 160 hours after 15 years

Note: Employee must work atleast 1800 hours in employee's anniversary year . An employee who workes 900 in the employee anniversary year but did not actually worked 1800 hours during that period shall be entitled to a pro rata share of vacation on the basis of 900 hours or more actually worded as a percentage based on 1800 hours.

OVERTIME PAY
See (B, *H, Q) on OVERTIME PAGE

*Worked performed on Sundays & Holidys outside of 7.00am - 4.00pm shall be paid at double time, in addition to the holiday pay if applicable.

HOLIDAY
HOLIDAY:
Paid: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

(An additional floating holiday after four years' service)

Overtime: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

9-3T

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	05/13/2015
Electrician		
H - Telephone	$ 27.00	$ 27.50

Maintenance and Jobbing-Electrical work of limited duration and scope, consisting of repairs and/or replacement of electrical and teledata equipment.

- Includes all work necessary to retrofit, service, maintain and repair all kinds of lighting fixtures and local lighting controls and washing and cleaning of foregoing fixtures.

SUPPLEMENTAL BENEFITS

Journeyworker	$ 20.32	$ 20.82
	22.01*	22.54*

* Applies to overtime hours

OVERTIME PAY
See (B, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3m

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond, Westchester

WAGES

Per hour Paid:	07/01/2014
Service Technician	$ 28.89

Service and Maintenance on Alarm and Security Systems.

Maintenance, repair and /or replacement of defective (or damaged) equipment on, but not limited to, Burglar - Fire - Security - CCTV - Card Access - Life Safety Systems and associated devices. (Whether by service contract of T&M by customer request.)

SUPPLEMENTAL BENEFITS
Per hour:
Journeyworker: $ 11.19
+ $12.00 per day

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3H

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:	07/01/2014	05/14/2015
Electrician and Audio/Sound	$53.00	$54.00

SUPPLEMENTAL BENEFITS

Per Hour:		
Journey Worker	$47.54	$50.03
	50.86*	53.41*
Journey Worker Temporary Light/Power	$23.62	$24.39
	26.45*	27.27*

* Applies when premium wages are paid.

Temporary Light and Power benefit rate applies for three or less workers.

Reduce benefit rate by 6.2% for any employee who has accumulated wages of $113,700 for the same employer.

OVERTIME PAY
See (A, H) on OVERTIME PAGE
See (B) for Temporary Light and Power

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages Per Hour:

One (1) year terms - Apprentices registered before 05/10/2007.

Fifth term/MIJ:		
1-18 mos	$ 26.30	$ 26.80

One (1) year terms - Apprentices registered after 05/10/2007.

First term:	07/01/2014	05/14/2015
0-6 mos.	$ 12.50	$ 13.00
7-12 mos.	13.50	14.00
Second term:		
0-6 mos.	$ 14.50	$ 15.00
7-12 mos.	15.50	16.00
Third term:		
0-6 mos.	$ 16.50	$ 17.00
7-12 mos.	17.50	18.00
Fourth term:		
0-6 mos.	$ 18.50	$ 19.00
7-12 mos.	20.50	21.00
Fifth term/MIJ:		
0-12 mos.	$ 22.50	$ 23.00
13-18 mos.	22.50	23.00

Supplemental Benefits per hour:

One (1) year terms - Apprentices registered prior to 05/10/2007.
Fifth term/MIJ:

	07/01/2014	05/10/2015
1-18 mos	$ 19.96	$ 20.47
	21.61*	22.15*

One (1) year terms - Apprentices registered after 05/10/2007:

	07/01/2014		05/14/2015	
First Term	Regular	Overtime	Regular	Overtime
0-6 mos.	$11.10	$11.93	$11.61	$12.47
7-12 mos.	11.62	12.51	12.12	13.05
Second Term				
0-6 mos.	$12.13	$13.08	$12.63	$13.62
7-12 mos.	12.64	13.66	13.14	14.19
Third Term				
0-6 mos.	$13.15	$14.23	$13.65	$14.77
7-12 mos.	13.65	14.81	14.16	15.34
Fourth Term				
0-6 mos.	$14.16	$15.38	$14.67	$15.92
7-12 mos.	15.18	16.53	15.68	17.07
Fifth Term/MIJ				
1-12 mos.	$18.06	$19.46	$18.56	$20.00
13-18 mos				

9-3

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	05/20/2015
Electro pole Electrician	$ 53.00	$ 54.00
Electro pole Foundation Installer	40.18	40.93
Electro Pole Maintainer	34.40	35.05

SUPPLEMENTAL BENEFITS
Per Hour:

	07/01/2014	05/20/2015
Electro pole Electrcian	$ 49.34	$51.86
	52.66*	55.25*
Electro pole Foundation Installer	37.73	39.46
	40.25*	42.02*
Electro pole Maintainer	34.00	35.51
	36.15*	37.71*

* Applies when premium wages are paid
Note:Reduce benefit rate by 6.2% for any employee who has accumulated wages in $113,700 for the same employer.

OVERTIME PAY
See (A, *B, **E4, F, K) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3J

Elevator Constructor — 02/01/2015

JOB DESCRIPTION Elevator Constructor **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

PARTIAL COUNTIES
Rockland: Entire County except for the Township of Stony Point

Westchester: Entire County except for the Townships of Bedford, Lewisboro, Cortland, Mt. Kisco, North Salem, Pound Ridge, Somers and Yorktown.

WAGES
Per hour:

	07/01/2014	03/17/2015
Elevator Constructor	$ 58.23	$ 59.55
Modernization & Service/Repair	46.00	46.92

SUPPLEMENTAL BENEFITS
Per Hour:

Elevator Constructor	$ 29.745	$ 31.045
Modernization & Service/Repair	29.595	31.195

OVERTIME PAY
Constructor. See (D, M, T) on OVERTIME PAGE.

Modern./Service See (B, F, S) on OVERTIME PAGE.

HOLIDAY
Paid: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES PER HOUR:
*Note:1st Term is based on Average wage of Constructor & Modernization.
Terms 2 thru 4 Based on Journeymans wage of classification Working in.

1 YEAR TERMS:

1st Term*	2nd Term	3rd Term	4th Term
50%	55%	65%	75%

SUPPLEMENTAL BENEFITS

Elevator Constructor		
1st Term	$ 25.745	$ 27.220
2nd Term	26.145	27.635
3rd Term	26.945	28.455
4th Term	27.745	29.285
Modernization & Service/Repair		
1st Term	$ 25.67	$ 27.145
2nd Term	26.065	27.550
3rd Term	26.845	28.36
4th Term	27.635	29.17

4-1

Glazier **02/01/2015**

JOB DESCRIPTION Glazier **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES
Per hour:

	07/01/2014	11/01/2014	05/01/2015
Glazier	$ 51.00*	$ 51.35*	Additional $ 1.50**
Scaffolding	$ 52.00*	$ 52.35*	Additional $ 1.50**

Scafolding includes swing scaffold, mechanical equipment, scissor jacks, man lifts, booms & buckets 24' or more, but not pipe scaffolding.

Repair & Maintenance	$ 26.70*	$ 26.70*	Additional

$ 0.60**

Repair & Maintenance- All repair & maintenance work on a particular building,whenever performed, where the total cumulative contract value is under $100,000.00.

*Additional $ .10 per hour for all regular hours worked
**To be allocated at a later date.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014	11/01/2014	05/01/2015
Journeyworker	$ 26.69	$ 27.19	$ 27.19
Repair & Maintenance	16.14	16.14	16.14

OVERTIME PAY

OVERTIME: Premium is applied to the respective base wage only.
See (C*,D* E2, O) on OVERTIME PAGE.

* If an optional 8th hour is required to complete the entire project, the same shall be paid at the regular rate of pay. If a 9th hour is worked, then both hours or more (8th & 9th or more) will be paid at double time rate of pay.

For Repair & Maintenance see (B, F, P) on overtime page.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6, 16, 25) on HOLIDAY PAGE
Paid for the Repair & Maintenance (5, 6, 16 & 25)

REGISTERED APPRENTICES

Wage per hour:
(1) year terms at the following wage rates:

	07/01/2014	11/01/2014	05/01/2014
1st term	$ 17.05	$ 17.25	$ 17.25
2nd term	25.24	25.24	25.24
3rd term	30.40	30.81	30.81
4th term	40.75	41.27	41.27

Supplemental Benefits:
(Per hour worked)

1st term	$ 13.17	$ 13.32	$ 13.32
2nd term	22.45	22.45	22.45
3rd term	24.95	25.30	25.30
4th term	30.07	30.22	30.22

8-1281 (DC9 NYC)

Insulator - Heat & Frost — 02/01/2015

JOB DESCRIPTION Insulator - Heat & Frost **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
Per Hour: 07/01/2014

Insulators Heat & Frost $ 63.68

SUPPLEMENTAL BENEFITS
Per Hour:

Insulators Heat & Frost $ 30.44

OVERTIME PAY

See (A, D, O, V) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:

1 year terms at the following wage rate.

1st	2nd	3rd	4th
$25.47	$38.21	$44.59	$50.94

Supplemental Benefits per hour:

Apprentice Insulator(s)

1st	2nd	3rd	4th
$12.80	$18.26	$21.30	$24.35

4-12

Ironworker 02/01/2015

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
Rockland: Southern section - south of Convent Road and east of Blue Hills Road.

WAGES

Per hour:	07/01/2014	07/01/2015
Reinforcing & Metal Lathing	$ 52.03	Additional $ 2.00*

*To be allocated

SUPPLEMENTAL BENEFITS
Per hour paid:

Reinforcing & Metal Lathing	$ 31.55

OVERTIME PAY
See (B, B1, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 18, 19, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following wage rates:
Wages Per Hour:

Apprentices Registered BEFORE 6/29/2011

1st term	2nd term	3rd term
$ 28.11	$ 32.71	$ 37.77

Apprentices Registered ON or AFTER 6/29/2011

17.71	22.81	27.91

SUPPLEMENTAL BENIFITS
Per Hour:

Apprentices Registered BEFORE 6/29/2011

1st term	2nd term	3rd term
$ 23.02	$ 24.67	$ 25.82

Apprentices Registered On or AFTER 6/29/2011

20.08	20.08	20.08

4-46Reinf

Ironworker **02/01/2015**

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Ornamental	$ 44.95
Chain Link Fence	44.95
Guide Rail Installation	44.95

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker:	$ 43.71

OVERTIME PAY
OVERTIME: See (A*,D1,E**,Q,V) on OVERTIME PAGE.

*Time and one-half shall be paid for all work in excess of seven (7) hours at the end of a work day to a maximum of two (2) hours on any regular work day (8th & 9th hours of work) and double time shall be paid for all work thereafter.
**Time and one-half shall be paid for all work on Saturday up to seven (7) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
1st term represents first 1-10 months, thereafter (1/2) year terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th	5th
50%	55%	60%	70%	80%

Supplemental Benefits per hour paid:

1st Term	$ 34.02
2nd Term	34.98
3rd Term	35.95
4th Term	37.90
5th Term	39.65

4-580-Or

Ironworker **02/01/2015**

JOB DESCRIPTION Ironworker **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per Hour: 07/01/2014

IRONWORKER:

Ironworker Rigger	$ 53.25
Ironworker Stone Derrickman	$ 53.25

SUPPLEMENTAL BENEFITS
Ironworker: $ 37.13

OVERTIME PAY
See (*A, D1, **E, Q, V) on OVERTIME PAGE
*Time and one-half shall be paid for all work in excess of seven (7) hours at the end of a work day to a maximum of two hours on any regular work day (the eighth (8th) and ninth (9) hours of work) and double time shall be paid for all work thereafter.

**Time and one-half shall be paid for all work on Saturday up to seven (7) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 10, *24, 25) on HOLIDAY PAGE
*Work stops at schedule lunch break with full day's pay.

REGISTERED APPRENTICES
Wage per hour:

(1/2) year terms at the following hourly wage rate:

	1st	2nd	3rd	4th	5th	6th
07/01/2014	$26.38	$26.38	$39.73	$42.13	$45.56	$45.56

Supplemental benefits

Per hour paid:

1st & 2nd terms	$18.82
3rd & 4th terms	$27.86
5th & 6th terms	$27.84

9-197D/R

Ironworker — 02/01/2015

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
PER HOUR:

	07/01/2014
Ironworker:	
Structural	$47.25
Bridges	
Machinery	

SUPPLEMENTAL BENEFITS
PER HOUR:

Journeyman	$65.20

OVERTIME PAY
See (B*,E**,Q,V) on OVERTIME PAGE.

* Time and one-half shall be paid for all work in excess of (8) eight hours at the end of a work day to a maximum of two hours on any regular work day (the ninth (9th) and tenth (10th) hours of work)and double time shall be paid for all work thereafter.

** Time and one-half shall be paid for all work on Saturday up to eight (8) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 18, 19) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES PER HOUR:

6 month terms at the following rate:

1st	$ 24.73
2nd	25.33
3rd - 6th	25.93

Supplemental Benefits
PER HOUR:

All Terms	45.84

4-40/361-Str

Laborer — 02/01/2015

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

GROUP 14: Blasters.

GROUP 16: Tunnel workers *
* (including Miners, Drill Runners, Iron Men, Maintenance Men, Conveyor Men, Safety Miners, Riggers, Block Layers, Cement Finishers, Rod Men, Caulkers, Powder Carriers, Miners' Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Derail Men, Form Men, Bottom Bell, Top Bell or Signal men, Form Workers, Movers, Concrete Workers, Shaft Men, Tunnel Laborers and Caulkers' Helpers).

GROUP 17**: All others including: Powder Watchmen, Top Laborers and Changehouse Attendants.

Wages: (per hour)	07/01/2014
Laborer (Tunnel)-FREE AIR:	
Group 14	$ 56.89
Group 16	$ 54.43
Group 17**	$ 50.30
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway & Vehicular Tunnels	80% of rates above

**An additional $3.00 per day when using an air spade, jack hammer or pavement breaker.

Note: For jobs bid before July 1, 2010 employer shall pay $6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be $10.00 per day.

SUPPLEMENTAL BENEFITS
Per hour paid:

GROUP 14	$ 40.86**
GROUP 16	$ 39.12**
GROUP 17	$ 36.19**
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway& Vehicular Tunnels	80% of rates above

** Add additional $ 0.16 to benefits for each each overtime hour paid.

OVERTIME PAY
OVERTIME: For Laborer (Free Air) See (D, M, R*) on OVERTIME PAGE.
For Repair Categories & Micro Tunneling See (B, F, R*) on OVERTIME PAGE.
* Straight time first 8 hours, double time after 8 hours.

HOLIDAY
Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Free

Laborer **02/01/2015**

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Laborer/Excavation:	
**Asbestos and Lead Abatement & Removal,Hazardous Waste Removal (including soil)	$ 39.85
Basic	39.85
Flagman	39.85
Pipelayer	39.85
*Tree Work, *Landscape	39.85

*Includes trimming, cutting, planting and/or removal of trees.
** Applies to Heavy & Highway projects

SUPPLEMENTAL BENEFITS

Per hour paid:	
Journeyworker	$ 34.88

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE
++ Except for Independence Day, holidays which fall on a Saturday will not be observed on the preceding Friday.When an observed holiday falls on a Saturday,work done shall be paid at double time.

HOLIDAY
Paid: See (2, 20) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 13) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

1000 hour terms at the following hourly wage rate.

		07/01/2014
1st	0-1000	$ 19.93
2nd	1001-2000	$ 23.91
3rd	2001-3000	$ 29.89
4th	3001-4000	$ 35.87

Supplemental Benefits per hour paid:

All Apprentices	$ 34.88

9-731Ex

Laborer 02/01/2015

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Laborer:	
Laborer-Concrete (including flag person)	$ 41.48

SUPPLEMENTAL BENEFITS

Per Hour Worked	
	$ 26.17

OVERTIME PAY
OVERTIME: See (A,E,Q) on OVERTIME PAGE attached.
See (B,E,Q,) for work below street level to top of foundation.

For Work done on Saturdays add an additional $2.75 per hour to Supp. Benefits.
For work done on Sundays & Holidays add an additional $5.50 per hour to Supp. Benefits.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
Terms at the following percentage of Journeyworkers wage.

Term:	1st	2nd	3rd
Hours:	0-500	501-2000	2001-4000
	50%	65%	80%

Supplemental Benefits:
(Per Hour Worked)

0-500 hrs	501-1000 hrs	1001-2000 hrs	2001-4000 hrs
$15.29+ $2.75*	$15.29+ $3.58*	$20.67+ $3.58*	$20.67+ $4.40*

*This mount subject to same premium as wages
NB Journeyman rate applies after 4000 hours

9-6A/18A/20-C

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Building:	
Plasterer Tender and Spray Fireproofing.	$ 37.00** plus $1.10*

* May be allocated between wages and benefits
** To calculate premium wage, subtract $2.00 from hourly wage

SUPPLEMENTAL BENEFITS
Per hour paid:
Journeyworker $ 23.74

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

1000 hours terms at the following wage.

	1st	2nd	3rd	4th
07/01/2014	$21.63*	22.73*	24.33*	26.93*

* Before calculating premium wage deduct $1.00

Supplemental Benefits per hour paid:

All Apprentices $ 16.06

9-30 (79)

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	12/01/2014
Laborer/Asbestos, Lead and Hazardous Material Abatment	$ 36.00	Additional $0.50*

*To be allocated

SUPPLEMENTAL BENEFITS
Per Hour:

Laborer	$15.45

OVERTIME PAY
See (B, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
1000 hour terms at the following;

Per Hour:	07/01/2014	12/01/2014
1st term	$27.96	Additional $0.50*
2nd Term	$28.66	
3rd Term	$29.72	
4th Term	$31.84	

*To be allocated

SUPPLEMENTAL BENEFIT

Per Hour:

ALL TERMS	$15.45

4-NYDC(78)

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	01/01/2015
Interior Demolition	$ 35.99	$0.75*

*May be alocated between wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour paid:

Interior Demolion	$ 20.10

OVERTIME PAY
See (B, B2, E, E2, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage Per Hour:

1000 hour terms at the following wage rate:

1st	2nd	3rd	4th
$ 22.24	$ 23.34	$ 24.88	$ 27.38

Supplemental Benefits per Hour paid:

All Apprentices $ 15.76

9-MTDC (79-ID)

Laborer - Building 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Building Laborer-Demolition: $ 35.91
plus $ .95*

NOTE: Total Demolition Only: Demolition shall be the complete demolition (wrecking) or dismantling of entire buildings or structures. Also may include the removal of all or any portion of a roof in which structural change is to occur. Structural change is defined as the removal of structural slabs, steel members, concrete members and penetration through the structural slab.

SUPPLEMENTAL BENEFITS
Per hour paid:
Journeyworker: $ 23.34

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 13, 15, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

(1) year terms at the following wage.

	1st	2nd	3rd	4th
07/01/14	21.36	22.46	24.01	26.56

Supplemental Benefits per hour paid:

$ 15.35

9-79/95

Laborer - Building 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Basic Laborer and
Mason Tender $ 37.00 plus
An additional $ 1.10*

*May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014

Basic Laborer and

Mason Tender	$ 23.74

OVERTIME PAY
See (B, B2, E, E2, I, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 25) on HOLIDAY PAGE
(Easter is paid at Time and One-half if worked)

REGISTERED APPRENTICES
Wage per hour:

1000 hour terms at the following wage rate:

Term:	1st	2nd	3rd	4th
Basic Laborer and Mason Tender	$ 21.63	$ 22.73	$ 24.33	$ 26.93

Supplemental Benefits per hour paid:

All Terms: Basic Laborer and Mason Tender	$ 16.06

9-MTDC(79)

Laborer - Concrete & Asphalt Paving 02/01/2015

JOB DESCRIPTION Laborer - Concrete & Asphalt Paving **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Group 1: Slurry Seal Coater, Maintenance Safety Surface, Small Equipment Operator, Small Power Tool Operator, Play Equipment Installer, Landscape Planting & Maintenance, Temporary Fence Installer & Repairs, Laborer.

Group 2: Shoveler, Small Equipment Operator on Asphalt work.

Per hour:	07/01/2014
Concrete Formsetter	$ 44.19
Asphalt Screedman / Micro Paver	45.24
Asphalt Raker	44.73
Group 1	40.32
Group 2	41.44

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014
Journeyman	$ 35.15

OVERTIME PAY
See (B, *E, **Q) on OVERTIME PAGE
* Saturday premium rate applies from 7:00 am on Saturday to 6:59 am Sunday
** Sunday premium rate applies from Sunday 7:00 am to Monday 6:59 am.

HOLIDAY
Paid: See (5, 20) on HOLIDAY PAGE
HOLIDAY:
Paid: See (5,20)* on HOLIDAY PAGE.
Holiday:
Overtime: See (21,22)** on HOLIDAY PAGE.
See (13)*** on holiday page.

* Holiday pay -at the single time pay rate-shall be prorated based on 25% of a day's wages and benefits for each day worked.
**If an employee works on any of these unpaid holidays, employee will receive the single rate plus 25%.
*** Unpaid if not worked,if worked shall receive single time rate plus one day's pay for the holiday.

REGISTERED APPRENTICES
Wage per hour:

2000 hours term at the following percent of Journeyman Laborer Group 1 rate.

1st term	2nd term
1-2000	2001-4000
66%	70%

Supplemental Benefits per hour paid:

2000 hours term at the following percent of Journeyman Laborer Group 1 rate.

1st term	2nd term
1-2000	2001-4000
66%	70%

9-1010H/H

Laborer - Trac Drill — 02/01/2015

JOB DESCRIPTION Laborer - Trac Drill **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour Paid:	07/01/2014
Hydraulic Trac Drill	$ 50.00
Hydraulic Trac Drill Chuck Tender	43.22
Air Trac, Wagon, Quarry Bar	49.24
Power Tool (Chipper & Jackhammer)	48.23
Chuck Tender & Nipper	42.49
Blaster	54.50
Blaster Hydraulic	55.30
Powder Carrier	44.40
Magazine Keeper	29.10

SUPPLEMENTAL BENEFITS

Per Hour Paid:	07/01/2014
All Classifications	$ 30.94

OVERTIME PAY
Magazine Keeper See (B,H) on OVERTIME PAGE.

ALL OTHERS SEE (D,E,Q) on OVERTIME PAGE.

HOLIDAY
HOLIDAY:
Paid: For Blaster See (5,6,11,13) on HOLIDAY PAGE.

FOR ALL OTHERS SEE (1) ON HOLIDAY PAGE.

Overtime: See (5,6,11,13) on HOLIDAY PAGE.

9-29

Laborer - Tunnel — 02/01/2015

JOB DESCRIPTION Laborer - Tunnel **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
GROUP 6: Tunnel Workers* * (including Miners, Drill Runners,Iron Men, Maintenance Men, Inside Muck Lock Tender, Pumpmen, Electricians, Cement Finishers, Rod Men, Caulkers, Carpenters, Hydraulic Men, Shield Drivers, Monorail Operators, Motor Men, Conveyor Men, Safety Miners, Powder Carriers, Pan Men, Riggers, Miner's Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Form Workers, Concrete Workers, Tunnel Laborers, Caulker's Helpers), Hose Men, Grout Men, Gravel Men, Derail Men and Cable Men.

GROUP 7: Top Nipper

GROUP 8,9: Outside Man Lock Tender, Outside Muck Lock Tender, Shaft Men,Gauge Tender and Signal Men.

GROUP 10: Powder Watchmen, Top Laborers and Changehouse Attendants.

WAGES: (per hour)

	07/01/2014
Laborer(Compressed Air):	
GROUP 6	$ 57.54
GROUP 7	$ 56.48
GROUP 8,9	$ 55.46
GROUP 10	$ 48.34

Note: For jobs bid before July l, 2010 employer shall pay $6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be $10. per day.

SUPPLEMENTAL BENEFITS
SUPPLEMENTAL BENEFITS:
per hour:

GROUP 6	$ 41.35**
GROUP 7	$ 40.65**
GROUP 8,9	$ 39.88**
GROUP 10	$ 38.15**

** Add an additional $ 0.16 to benefits for each overtime hour paid.

OVERTIME PAY
See (D, M, *R) on OVERTIME PAGE
NOTE: Time and one-half to be paid for all overtime repair-maintenance work on existing equipment and facilities.

* Straight time first 8 hours, double time after 8 hours.

HOLIDAY
Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Comp Air

Mason — 02/01/2015

JOB DESCRIPTION Mason **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Brick/Blocklayer	$53.71

SUPPLEMENTAL BENEFITS
Per Hour:

Brick/Block Layer	$23.18

OVERTIME PAY
See (A, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(800 hour) Terms at the following Percentage of Journeyworkers Wage:

1st	2nd	3rd	4th	5th
50%	60%	70%	80%	90%

Supplemental Benefits per hour:

All Apprentices $ 14.90

4-1Brk

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	12/01/2014	06/01/2015
Building:		An additional	An additional
Tile Finisher	$ 40.78	$0.97*	$0.97*

*May be allocated between
wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour:

Journeyworker $ 19.85*
plus $7.91

* This portion of benefits subject to the same premium as overtime wages

OVERTIME PAY
See (A, *E, Q) on OVERTIME PAGE
*Double time rate after 10 hours on Saturdays

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

9-7/88-tf

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Wages:	07/01/2014	01/01/2015
Marble Cutters& Setters	$ 55.85	$ 56.15

SUPPLEMENTAL BENEFITS
Per Hour:

Journeyworker	$ 29.58	$ 30.31

OVERTIME PAY
See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage Per Hour:

750 hour terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
1-750	751-1500	1501-2250	2251-3000	3001-3750	3751-4500	4501-5250	5251-6000	6001-6751	6751-7500
$ 22.34	$25.13	$27.93	$30.72	$33.51	$36.30	$39.10	$41.89	$47.47	$53.06

Supplemental Benefits per hour paid at the following term:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th

$21.86	$22.51	$23.14	$23.80	$24.43	$25.07	$25.71	$26.36	$27.64	$29.93

9-7/4

Mason - Building 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2014
Building-Marble Restoration:		
Marble, Stone & Terrazzo Polisher, etc	$ 38.96	$ 39.25

SUPPLEMENTAL BENEFITS

Per Hour Paid:		
Journeyworker:		
Building-Marble Restoration:		
Marble, Stone & Polisher	$ 23.00	$ 23.38

OVERTIME PAY
See (B, *E, Q, V) on OVERTIME PAGE
*ON SATURDAYS, 8TH HOUR AND SUCCESSIVE HOURS PAID AT DOUBLE HOURLY RATE.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1ST TERM APPRENTICE GETS PAID FOR ALL OBSERVED HOLIDAYS.

REGISTERED APPRENTICES
WAGES per hour:

(900 hour)terms at the following wages:

	1st 0-900	2nd 901-1800	3rd 1801-2700	4th over 2700
07/01/2014	$ 27.27	$ 31.17	$35.06	$ 38.96
01/01/2015	An additional $0.47*	An additional $0.54*	An additional $0.60*	An additional $0.67*

* May be allocated between wages and benefits

Supplemental Benefits Per Hour:

07/01/2014				
	$ 21.11	$ 21.73	$ 22.36	$ 23.00

9-7/24-MP

Mason - Building 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	12/01/2014	06/01/2015
Tile Setters	$ 52.58	An additional $ 1.30*	An additional $1.30*

*May be allocated between Wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour:

Tile Setter	$ 22.48*
	plus $ 8.05

* This portion of benefit is subject to the same premium as shown for overtime wages.

OVERTIME PAY
See (*E, Q, V) on OVERTIME PAGE
* Work beyond 10 hours on Saturday shall be paid at double the hourly wage rate.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

Tile Setters:
(750 hr)terms at the following wage rate:

Term: 1st 1-750	2nd 751-1500	3rd 1501-2250	4th 2251-3000	5th 3001-3750	6th 3751-4500	7th 4501-5250	8th 5251-6000	9th 6001-6750	10th 6750-7500
$26.91	$30.04	$33.86	$36.07	$39.91	$43.53	$46.63	$46.17	$49.89	$51.70

Starting 12/01/2014 An addtional:

$0.65	$0.72	$0.78	$0.85	$0.91	$0.98	$1.04	$1.11	$1.17	$1.25

Starting 06/01/2015 An additional:

$0.65	$0.72	$0.78	$0.85	$0.91	$0.98	$1.04	$1.11	$1.17	$1.25

NOTE:INCREASES MAY BE ALLOCATED BETWEEN WAGES AND BENEFITTS

Supplemental Benefits per hour:

1st term	$ 13.95* plus $0.71	6th term	$ 17.35* plus $1.49
2nd term	$ 14.95* plus $0.75	7th term	$ 17.55* plus $5.34
3rd term	$ 14.95* plus $1.09	8th term	$ 18.75* plus $5.71
4th term	$ 16.85* plus $1.13	9th term	$ 19.15* plus $5.75
5th term	$ 16.85* plus $1.45	10th term	$ 20.87* plus $5.79

* This portion of the benefit is subject to same premium as overtime wages.

9-7/52

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Building:

Per Hour:	07/01/2014	01/01/2015
		Additional
Mosaic & Terrazzo Mechanic	$ 45.88	$ 0.96*
Mosaic & Terrazzo Finisher	$ 47.28	$ 0.96*

*May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS
Journeyworker:

per hour worked

Mechanic	$ 22.40* plus $ 9.68
Finisher	$ 22.40* plus $ 9.68

* This portion of benefit subject to same premium as wages.

OVERTIME PAY
See (A, *E, Q) on OVERTIME PAGE
Double the rate after 10 hours on Saturday

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
Easter Sunday is an observed holiday.Holidays falling on a Saturday will be observed on that Saturday. Holidays falling on a Sunday will be celebrated on the Monday.

REGISTERED APPRENTICES
Wage per hour:
(750 Hour) terms at the following wage rate.

1st 1-750	2nd 751-1500	3rd 1500-2250	4th 2251-3000	5th 3001-3750	6th 3751-4500	7th 4501-5250	8th 5251-6000
$23.96	$26.36	$28.76	$31.15	$33.55	$35.96	$40.74	$45.53

Supplemental benefits per worked:

(750 hour) terms as shown above.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th
$11.20* +4.85	$12.32* +5.33	$13.44* +5.81	$14.56* +6.30	$15.68* +6.78	$16.80* +7.26	$19.04* +8.23	$21.28* +9.20	$22.40* +9.68

*This portion of benefits subject to same premium as overtime wages.

9-7/3

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per hour:

	07/01/2014	01/01/2015
Marble, Stone,etc. Maintenance Finishers:	$ 21.24	$ 21.38

Note 1: An additional $2.00 per hour for time spent grinding floor using "60 grit" and below.
Note 2: Flaming equipment operator shall be paid an additional $25.00 per day.

SUPPLEMENTAL BENEFITS
Per Hour:

Marble, Stone, etc Maintenance Finishers:	$ 11.77	$ 11.99

OVERTIME PAY
See (B, *E, Q, V) on OVERTIME PAGE
*Double hourly rate after 8 hours on Saturday

HOLIDAY
Paid: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1st term apprentice gets paid for all observed holidays.

REGISTERED APPRENTICES

WAGES per hour:	
(750 hour)terms at the following percentage of journeyman's wage rate:	07/01/2014
1st term 0-750	70%
2nd term 750-1500	74%
3rd trem 1501-2250	78%
4th term 2251-3000	82%
5th term 3001-3750	88%
6th term 3751-4500	96%

Supplemental Benefits:
Per hour paid

1st term	$ 11.58
2nd term	11.59
3rd term	11.72
4th term	11.73
5th term	11.74
6th term	11.76

9-7/24M-MF

Mason - Building / Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2015
Marble-Finisher	$ 44.54	44.81

SUPPLEMENTAL BENEFITS
Journeyworker:
per hour paid

Marble- Finisher	$ 29.16	$ 29.79

OVERTIME PAY
See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
* Work beyond 8 hours on a Saturday shall be paid at double the rate.
** When an observed holiday falls on a Sunday, it will be observed the next day.

9-7/20-MF

Mason - Building / Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Cement Mason	$ 45.53

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Friday. Any make-up day must be paid at the premium rate.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per Hour:

Cement Mason $ 32.80

OVERTIME PAY
See (*B1, E2, **Q, ***V) on OVERTIME PAGE
* Applies to 9th and 10th hours on Saturday
** "Holidays" only for Building Construction
*** Additional $10.18 to be added to all Time and a Half hours paid

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following Percentage of Journeyworkers Wage.

1st Term	50%
2nd Term	60%
3rd Term	70%

Supplement Benefits per hour paid:

1st Term	$ 16.40
2nd Term	19.68
3rd Term	25.99

4-780

Mason - Building / Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
WAGES

NOTE: Shall include but not limited to Precast concrete slabs (London Walks)
Marble and Granite pavers 2'x 2' or larger.
Per Hour:

	07/01/2014
Stone Setter	$58.72
	plus $1.50*
Stone Tender	$40.54
	plus $1.50*

*Additional Amounts to be added to Wages and or Benifits.

SUPPLEMENTAL BENEFITS
Per Hour:

Stone Setter	$ 27.35
Stone Tender	17.45

OVERTIME PAY
See (*C, **E, Q) on OVERTIME PAGE
* On weekdays the eighth (8th) and ninth (9th) hours are time and one-half all work thereafter is paid at double the hourly rate.
** The first nine (9) hours on Saturday is paid at time and one-half all work thereafter is paid at double the hourly rate.

HOLIDAY
Paid: See (*18) on HOLIDAY PAGE
Overtime: See (5, 6, 10) on HOLIDAY PAGE
Paid: *Must work First 1/2.

REGISTERED APPRENTICES
Per Hour:

Stone Setter(800 hour) terms at the following Percentage of
Stone Setters wage rate per hour:

1st	2nd	3rd	4th	5th	6th
50%	60%	70%	80%	90%	100%

Supplemental Benefits:

All Apprentices $17.53

4-1Stn

Mason - Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
Per Hour: 07/01/2014

Pointer, Caulkers & Cleaners $47.41

SUPPLEMENTAL BENEFITS
Per Hour:

Pointer, Cleaners & Caulkers $ 24.60

OVERTIME PAY
See (B, E2, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:

One (1) year terms at the following wage rates.

1st	2nd	3rd	4th
$25.01	$27.25	$32.24	$38.66

Apprentices Supplemental Benefits:
(per hour paid)

$4.75	$9.70	$12.45	$12.45

4-1PCC

Operating Engineer - Building 02/01/2015

JOB DESCRIPTION Operating Engineer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Putnam, Queens, Richmond, Westchester

PARTIAL COUNTIES
Dutchess: that part of Dutchess County lying south of the North City Line of the City of Poughkeepsie.

WAGES
NOTE:Construction surveying
Party chief--One who directs a survey party
Instrument Man--One who runs the instrument and assists Party Chief.
Rodman--One who holds the rod and assists the Survey Crew

Wages:(Per Hour)	07/01/2014	07/01/2015
Building Constr:		
Party Chief	$57.27	
Instrument Man	$44.48	
Rodman	$28.71	
Steel Erection:		
		An additional
Party Chief	$58.50 plus $ 2.52*	$ 2.52*
Instrument Man	$45.53 plus 2.16*	$ 2.16*
Rodman	$30.43 plus 1.73*	$ 1.73*

Heavy Construction-NYC counties only:
Foundation, Excavation.

Party Chief	$62.61
Instument man	$46.00
Rodman	$38.61

* May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Classifications	$ 30.62
Premium*	
All Catergories	$ 42.74
Premium**	
All Classes	$ 54.84

*Apply to instances where 1-1/2 regular rate are paid
**Applies to instances where 2 times the regular rate are paid

OVERTIME PAY
See (A, B, E, Q) on OVERTIME PAGE
Code "A" applies to Building Construction and has double the rate after 7 hours on Saturdays.
Code "B" applies to Heavy Construction and Steel Erection and had double the rate after 8 hours on Saturdays.

HOLIDAY
Paid: See (5, 6, 8, 11, 12, 15, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 12, 25) on HOLIDAY PAGE

9-15Db

Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction — 02/01/2015

JOB DESCRIPTION Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
STEEL ERECTION:

Group 1: Derrick, travelers, tower, crawler tower & climbing cranes

Group 2: Oiler (Truck Crane)

Group 3: Oiler (Crawler Crane)

BUILDING CONSTRUCTION:

Group 1: Installing, repairing, maintaining, dismantling of all equipment including Steel cutting& bending machines, mechanical heaters, mine hoists, climbing cranes, tower cranes, Linden Peine, Lorain, Liebherr, Mannes and machines of a similar nature;Well Point system, Deep Well pumps, Concrete mixers with loading devices, Concrete plants, motor generators (When used for temporary power and lights(Driving maintenance trucks and mounted-welded machines)-All Pumps(excluding River Cofferdam Pumps and Well Point Pumps), Motorized Concrete Buggies(When three or more are on jobsite), Skid-Steer and similar machines

Group 2:Maintenance of: Pumps, Generators,Mixers,Heaters

Group 3: Oilers of all gasoline, electric, deisel or air operated Gradalls; Concrete Pumps, Overhead Cranes in Power Houses,Assist in oiling, greasing and repairing of all machines, including: Driving Truck Cranes, Driving and operating Fuel and Grease Trucks, Cherry Pickers(Hydraulic Cranes) over 70,000 GVW and machines of a similar nature

Group 4: Oiler on Crawler Cranes, Backhoes, Trenching Machines, Gunite Machines, Compressors(3 or more in battery)

Group 5: Maintenance on Radiant Mechanical Heaters

HEAVY CONSTRUCTION (Excavation, Foundations, etc)

Group 1:Maintenance of: Generators, Light Towers

Group 2:Maintenance of: Pumps, Mixers including mudsucking

Group 3: Base Mounted Tower Cranes

Group 4: Installing, repairing, maintaining, dismantling(of all equipment including Steel cutting & Bending machines, Fusion Coupling Machines, Vermeer Trenching machines, on-site crushing plant, mechanical heaters(1 through 7),Mine hoists, Tower Cranes, Linden Peine, Lorrain, Lebherr, Mannes or machines of a similar nature, Wellpoints)-Driving maintenance trucks and truck mounted welding machines, burning, welding-operating of accumilator for shield-driven tunnels, in addition to the performance of other duties:Handling,installation, jointing, coupling of all perminent steel and plastic pipe. RIDE UPON MOLES-tunnel boring machines-MICRO TUNNELING SYSTEMS, All temporary pipefitting;When three or more motorized concrete buggies(Ride type)are utilized on the jobsite they shall be serviced, maintained and repaired by the maintenance engineer.The Operating Engineer on autogrades(C.M.I.)is to be assisted by the maintenance engineer who shall in addition perform other duties.

WAGES: Per hour:	07/01/2014	07/01/2015
Steel Erection:		An additional
Group 1	$ 62.68 plus $2.52*	$2.52*
Group 2	59.06 plus $2.42*	$2.42*
Group 3	46.47 plus $2.06*	$2.06*

Building Construction:	
Group 1	$ 59.67
Group 2	47.73
Group 3	57.03
Group 4	43.94
Group 5	38.76

Heavy Construction:	
Group 1	$ 44.73
Group 2	45.74
Group 3	82.93
Group 4	64.60

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Classifications	$ 20.00* plus $6.40

* This portion of benefits subject to same premium as wages.

OVERTIME PAY
See (D, O) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages Per Hour:

(1) year terms at the following wage rates:

Apprentices:	1st	2nd	3rd	4th.
07/01/2014	$28.12	$33.74	$36.55	$39.36

Supplemental Benefits:
Per Hour:
All Apprentices: $ 8.75*
* This portion of benefits subject to same premium as wages.

9-15Ab

Operating Engineer - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Operating Engineer - Building / Heavy&Highway **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
EQUIPMENT COVERED: Jet-Rodder/Vacuum Truck, Flusher, Sewer Rodder, Stetco Hoist and similar, Sewer Winch/Tugger Hoist and similar, Vacall/Vactor, Closed Circuit Television Inspection Equipment, Chemical Grouting Equipment and similar, John Beame, Meyers and similar.

Per Hour:	07/01/2014
Maintenance Engineer (Sewer Systems)	$ 64.60

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
Journeyman	$ 20.00* plus $ 6.40

*This porion of benefits subject to same premium as wages.

OVERTIME PAY
See (D, O) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:

(1) year terms at the following wage rates.

1st	2nd	3rd	4th
$28.12	$33.74	$36.55	$39.36

Suppllemental Benefits:
Per Hour:

All Apprentices:	$ 8.75*plus an additional $ 6.40

* This portion of benefits subject to the same premium as overtime wages

9-15Sewer

Operating Engineer - Building & Steel Erection — 02/01/2015

JOB DESCRIPTION Operating Engineer - Building & Steel Erection **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:	07/01/2014
STEEL ERECTION:	
Three Drum Derricks	$ 82.66
Cranes,Two Drum Derricks, Hydraulic Cranes & Fork Lifts, Boom Trucks	$ 79.71
Compressors, Welding Machines, Bridge Inspection Machines, Moog and machines of a similar nature)	$ 50.24
Compressors(Not combined with welding machines)	$ 48.19
BUILDING CONSTRUCTION:	
Cranes, Stone Derrick, Boom Trucks, Hydraulic Cranes	$ 76.09
Double Drum	$ 72.18
4 Pole Hoists and Single Drum Hoists	$ 69.93
Fork Lifts,Plaster(Platform Machine)Plaster Bucket, Concrete Pumps and all other equipment used for hoisting	$ 64.17
House Cars and Rack & Pinion	$ 56.88
*House Cars (New Projects)	$ 46.66
Erecting and dismantling Cranes	$ 70.61

Compressors, Welding Machines(Cutting Concrete-Tank Work), Paint Spraying, Sand Blasting, Pumps(With the exclusion of concrete pumps), House Car (Settlement basis only), All Engines irrespective of power(Power-Vac)used to drive auxiliary equipment Air, Hydraulic,etc.,Boilers, Jacking System
$ 49.63

*APPLIES TO PROJECTS STARTED AFTER 07/01/2011.

APPLICABLE TO ALL CATEGORIES:
CRANES: Crawler Or Truck

	In Addition To Above Crane Rates
100' to 149' Boom	$ 1.75/hr
150' to 249' "	2.00/hr
250' to 349' "	2.25/hr
350' to 450' "	2.75/hr
Tower Crane	2.00/hr

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Operator Classes	$ 18.70* plus $ 5.45

* This portion of the benefits is subject to the same premium as shown for overtime wages.

OVERTIME PAY
See (*C, **D, O) on OVERTIME PAGE
*Applies to Building Construction category
**Applies to Steel Erection

HOLIDAY
Paid: See (5, 6, 7, 8, 11, 12, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 8, 11, 12, 16) on HOLIDAY PAGE
Codes 8 and 12 apply ONLY to Steel Erection
Code 16 applies ONLY to Building Construction

REGISTERED APPRENTICES
Wage Per Hour:

Apprentices (1) year terms at the following rates:

1st	2nd	3rd
$34.04	$40.97	$47.89

Supplemental Benefits Per Hour:

Straight Time $ 8.70*
plus $ 5.45
* This portion of benefits subject to the same premium as shown for overtime wages.

9-14 B&S

Operating Engineer - Heavy Construction **02/01/2015**

JOB DESCRIPTION Operating Engineer - Heavy Construction **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per Hour:
Group 1: Tower Crane/Climbing Crane

Group 2: Backhoes (Including all track and rubber tire backhoes over 37,000 lbs), Power Shovels, Steel Erection:Hydraulic Clam Shells,Moles and machines of a similar nature

Group 3: Mine Hoists, Cranes, etc, used as Mine Hoists

Group 4: Gradalls, Keystones, Cranes (With digging buckets), Bridge Cranes, Trenching Machines, Vermeer Cutter and machines of a similar nature

Group 5: Pile Drivers and Rigs (Employing Dock-Builders Foreman), Derrick Boats, Tunnel Shovels,

Group 6: All Drills and machines of a similar nature

Group 7: Back-Filling Machines and Cranes, Mucking Machines, Dual Drum Pavers

Group 8: Mixers (Concrete with loading attachment), Concrete Pavers, Cableways, Land Derricks, Power House (Low pressure units)

Group 9: Concrete Pumps, Concrete Plant, Stone Crushers, Double Drum Hoists, Power Houses (Other than above)

Group 10: Concrete Mixer

Group 11: Elevators

Group 12: Concrete Breaking Machines, Single Drum Hoists, Load Masters, Locomotives and Dinkies (Over 10 tons), Hydraulic Crane-Second Engineer

Group 13: On-Site Concrete Plant Engineers, On-Site Asphalt Plant Engineer and Vibratory Console

Group 14: Barrier Mover, Barrier Transport and machines of a similar nature

Group 15: Compressors (Portable, 3 or more), Truck Compressor (Engineer Driver), Tugger Machines, Well Point Pumps, Chum Drill

Group 16: Boilers(High pressure),Compressors, Pumps(River Cofferdam) and Welding Machines(except where arc is operated by another Operating Engineer) Push Button Machines, All Engines,irrespective of power(Power Pac) used to drive auxiliary equipment, Air, Hydraulic, etc.

Group 17: Utility-Horizontal Boring Rig

Group 18: Utility Compressors

Group 19: Paving-Asphalt Spreader, Autogrades (C.M.I.), Roto-Mill

Group 20: Paving-Asphalt Roller

Group 21 Paving-Asphalt Plant

Group 22: Roller (non paving, all sizes)

Group 23: Cherry Picker (Over 20 tons), Loader (Over 6 yards)

Group 24: Backhoes and Loaders (Up to 37,000lbs), Bulldozers, Scrapers, Turn-A-Pulls, Tugger Hoists, Tractors, Hysters, Rooustabout Cranes, Conveyers, Balast Regulators (Ride On), Track Removal Machine or similar, Motor Graders, Locomotives (10 tons and under),Curb & Gutter Pavers and machines of a similar nature

Group 25:Post Hole Digger,Ditch Winch, Road Finishing Machines, Rollers (5 tons and under, Dual Purpose Trucks,Forklifts, Dempsey Dumpsters, Fireman

Group 26: Oiler (Gradalls, Concrete Pumps, Cold Planers Grader)

Group 27: Oiler (Crawler Cranes, Backhoes, Trenching Machines, Compressors (3 or more in battery)

Group 28:Steam Equipment Operator (Water rigs, steam shovels, power boilers, derrick boats)

WAGES:(per hour)	07/01/2014
Group 1	$ 91.35
Group 2	76.45
Group 3	78.69
Group 4	76.98
Group 5	75.58
Group 6	72.80
Group 7	74.05
Group 8	72.11
Group 9	70.69
Group 10	67.88
Group 11	63.81
Group 12	65.09

Group 13	65.56
Group 14	59.43
Group 15	50.98
Group 16	47.79
Group 17	68.88
Group 18	47.53
Group 19	72.11
Group 20	70.39
Group 21	60.52
Group 22	70.39
Group 23	66.68
Group 24	64.87
Group 25	61.85
Group 26	58.85
Group 27	42.66
Group 28	61.85

Cranes: Crawler or Truck

100' to 149'	$0.50 per hour additional to above Crane Rates
150' to 249'	$0.75 per hour additional to above Crane Rates
250' to 349'	$1.00 per hour addiiional to above crane Rates
350' to 450'	$1.50 per hour additional to above crane Rates

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2014

Groups 1-22

Regular Time $ 18.70* plus $ 5.45

Groups 23-28

Regular Time $ 20.00* plus $6.40

* This portion of benefits subject to the same premium as shown for wages.

OVERTIME PAY

See (D, O) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES

Per Hour:

(1) year terms at the following wage rates:

	1st	2nd	3rd	
Groups 1-22	$34.04	$40.97	$47.89	
	1st	2nd	3rd	4th
Groups 23-28	$28.12	$33.74	$36.55	$39.36

Supplemental Benefits:

Per Hour:

Groups 1-22

Regular Time $ 8.70* plus $ 5.45

Groups 23-28

Regular Time $ 8.75* plus $6.40

* This portion of benefits is subject to the SAME PREMIUM as shown for overtime wages

9-14 HC

Operating Engineer - Marine Construction — 02/01/2015

JOB DESCRIPTION Operating Engineer - Marine Construction **DISTRICT** 4

ENTIRE COUNTIES

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

Per Hour:

DREDGING OPERATIONS	07/01/2014	10/01/2014
CLASS A		
Operator, Leverman, Lead Dredgeman	$ 34.73	$ 35.63
CLASS A1 Dozer,Front Loader Operator	To conform to Operating Engineer Prevailing Wage in locality where work is being performed including benefits.	
CLASS B		
Spider/Spill Barge Operator, Tug Operator(over1000hp), OperatorII, Fill Placer, Derrick Operator, Engineer, Chief Mate, Electrician, Chief Welder, Maintenance Engineer	$ 30.05	$ 30.81
Certified Welder, Boat Operator(licensed)	$ 28.30	$ 29.01
CLASS C		
Drag Barge Operator, Steward, Mate, Assistant Fill Placer,	$ 27.54	$ 28.22
Welder (please add)$ 0.06		
Boat Operator	$ 26.55	$ 27.30
CLASS D		
Shoreman, Deckhand, Rodman, Scowman, Cook, Messman, Porter/Janitor	$ 22.17	$ 22.68
Oiler(please add)$ 0.09		

SUPPLEMENTAL BENEFITS

Per Hour:

THE FOLLOWING SUPPLEMENTAL BENEFITS APPLY TO ALL CATEGORIES

	07/01/2014	10/01/2014
All Classes A & B	$ 9.42 plus 8% of straight time wage, Overtime hours add $ 0.63	$ 9.99 plus 8% of straight time wage, Overtime hours add $ 0.63
All Class C	$ 9.12 plus 8% of straight time wage, Overtime hours add $ 0.48	$ 9.69 plus 8% of straight time wage, Overtime hours add $ 0.48
All Class D	$ 8.82 plus 8% of straight time wage, Overtime hours add $ 0.33	$ 9.39 plus 8% of straight time wage, Overtime hours add $ 0.33

OVERTIME PAY

See (B, F, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 15, 26) on HOLIDAY PAGE

4-25a-MarConst

Operating Engineer - Survey Crew - Consulting Engineer **02/01/2015**

JOB DESCRIPTION Operating Engineer - Survey Crew - Consulting Engineer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
Dutchess: That part in Duchess County lying South of the North City line of Poughkeepsie.

WAGES
Feasibility and preliminary design surveying, any line and grade surveying for inspection or supervision of construction.

Per hour: Survey Classifications	07/01/2014	07/01/2015 Additional	07/01/2016 Additional
Party Chief	$35.55 + $1.06*	$1.63*	$2.24*
Instrument Man	29.41 + 0.94*	1.44*	1.98*
Rodman	25.54 + 0.86*	1.32*	1.82*

* To be allocated at a future date

SUPPLEMENTAL BENEFITS
Per Hour:

All Crew Members:	$17.90	$17.90	$17.90

OVERTIME PAY
OVERTIME:.... See (B, E*, Q, V) ON OVERTIME PAGE.
*Doubletime paid on the 9th hour on Saturday.

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

9-15dconsult

Painter 02/01/2015

JOB DESCRIPTION Painter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014
Brush	$ 43.75
Abatement/Removal of lead based or lead containing paint on materials to be repainted.	$ 43.75
Spray & Scaffold	$ 46.75
Fire Escape	$ 46.75
Decorator	$ 46.75
Paperhanger/Wall Coverer	$ 41.08

SUPPLEMENTAL BENEFITS

Per hour worked:	07/01/2014
Paperhanger	$ 29.33
All others	$ 20.97
Premium*	$ 23.47*

*Applies only to "All others" catergory,not paperhanger journeyman.

OVERTIME PAY
See (A, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Indentured after 5/31/93 (1) year terms at the following wage rate.
(per hour)

	07/01/2014
Appr 1st term...	$ 16.55
Appr 2nd term...	$ 21.66
Appr 3rd term...	$ 26.24
Appr 4th term...	$ 35.02

Spplemental benefis:
(per Hour worked)

Appr 1st term...	$ 10.23
Appr 2nd term...	$ 12.92
Appr 3rd term...	$ 15.20
Appr 4th term...	$ 19.70

8-NYDC9-B/S

Painter 02/01/2015

JOB DESCRIPTION Painter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
Nassau: Atlantic Beach, Ceaderhurst, East Rockaway,Hewlett, Hewlett Bay, Hewlett Neck, Hewlett Park, Inwood, Lawrence, Lido Beach, Long Beach, parts of Lynbrook, parts of Oceanside, parts of Valley Stream, and Woodmere. Starting on South side of Sunrise Hwy in Valley Stream running east to Windsor and Rockaway Ave, Rockville is the boundary line up to Lawson Blvd, turning right going west all the above territory. Starting at Union Turnpike &Lakeville Rd going north to northern Blvd. the west side of Lakeville Rd to Northern Blvd. At Northern Blvd doing east the district north of Northern blvd to Port Washington blvd. West of Port Washington blvd to St.Francis Hospital then north of first traffic light to Port Washington & Sands Point, Manor Haven, & Harbour Acres.

WAGES

Per hour:	07/01/2014	12/31/2014	07/01/2015
Drywall Taper	$ 45.32	$ 45.82	$ 46.32

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	12/31/2014	07/01/2015
Journeyworker:	$ 23.03	$ 23.03	$ 23.03

OVERTIME PAY
See (A, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6, 8, 11, 18, 19, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

12 months' terms(year consists of 1500 hours).

	07/01/2014	12/31/2014	07/01/2015
1st year	$ 18.13	$ 18.33	$ 18.53
2nd year	$ 27.20	$ 27.50	$ 27.80
3rd year	$ 36.26	$ 36.66	$ 37.06

Supplemental Benefits per hour worked:

One (1) year term at the following dollar amount:

1st term	$ 10.25	$ 10.25	$ 10.25
2nd term	$ 16.43	$ 16.43	$ 16.43
3rd term	$ 19.25	$ 19.25	$ 19.25

8-NYC9-1974-DWT

Painter - Bridge & Structural Steel 02/01/2015

JOB DESCRIPTION Painter - Bridge & Structural Steel **DISTRICT** 8

ENTIRE COUNTIES
Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES
Per Hour Worked:
STEEL:

Bridge Painting:	07/01/2014	10/01/2014
From May 1st to Nov. 15th -		
	$ 47.00	$ 48.75
	+ 5.38*	+ 5.63*
From Nov. 16th to April 30th -		
	$ 47.00	$ 48.75
	+ 5.38*	+ 5.63*

*Not subject to overtime and limited to first 40 hours
NOTE: All premium wages are to be calculated on $47.00 or $48.75 per hour only.

EXCEPTION: During the period of May 1st to November 15th, for the first and last week of employment on the project, and for the weeks of Memorial Day, Independence Day and Labor Day, this rate shall be paid for the actual number of hours worked.

Power Tool/Spray is an additional $6.00 per hour above hourly rate, whether straight time or overtime

NOTE: Generally, for Bridge Painting Contracts, ALL WORKERS on and off the bridge (including Flagmen) are to be paid Painter's Rate; the contract must be ONLY for Bridge Painting.

SUPPLEMENTAL BENEFITS
Per Hour Worked:

Journeyworker:	07/01/2014	10/01/2014
From May 1st to Nov. 15th -		
Hourly Rate up to 40 hours	$ 28.20	$ 28.95
Hourly Rate after 40 hours	7.50	7.50
From Nov. 16th to April 30th -		
Hourly Rate up to 50 hours	28.20	28.95
Hourly Rate after 50 hours	7.50	7.50

EXCEPTION: During the period of May 1st to November 15th, for the first and last week of employment on the project, and for the weeks of Memorial Day, Independence Day and Labor Day, this rate shall be paid for the actual number of hours worked.

OVERTIME PAY
See (A, F, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(Wage per hour Worked):

Apprentices: (1) year terms

	07/01/2014	10/01/2014
1st 90 days	$ 20.96	$ 21.76
1st year after 90 days	20.96	21.76
2nd year	31.43	32.63
3rd year	41.91	43.51

Supplemental Benefits per hour worked:

	07/01/2014	10/01/2014
1st 90 days	$ 8.29	$ 8.59
1st year after 90 days	8.54	8.84
2nd year	16.93	17.38
3rd year	22.57	26.17

8-DC-9/806/155-BrSS

Painter - Line Striping **02/01/2015**

JOB DESCRIPTION Painter - Line Striping **DISTRICT** 8

ENTIRE COUNTIES

Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES
Per hour:

Painter (Striping-Highway):	07/01/2014
Striping-Machine Operator*	$ 27.11
Linerman Thermoplastic	$ 32.37

Note: * Includes but is not limited to: Positioning of cones and directing of traffic using hand held devices. Excludes the Driver/Operator of equipment used in the maintenance and protection of traffic safety

Four (4), ten (10) hour days may be worked at straight time during a week.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014
Journeyworker:

Striping-Machine operator	$ 14.18
Linerman Thermoplastic	$ 14.55

OVERTIME PAY
See (B, E, E2, F, S) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 20) on HOLIDAY PAGE
Overtime: See (5, 8, 11, 12, 15, 16, 17, 20, 21, 22) on HOLIDAY PAGE

8-1456-LS

Painter - Metal Polisher 02/01/2015

JOB DESCRIPTION Painter - Metal Polisher **DISTRICT** 8

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

	07/01/2014
Metal Polisher	$ 27.15
Metal Polisher**	28.24
Metal Poilsher***	30.65

**Note: Applies on New Construction & complete renovation
*** Note: Applies when working on scaffolds over 34 feet.

SUPPLEMENTAL BENEFITS
Per Hour: 07/01/2014

Journeyworker:

All classification	$ 13.61

OVERTIME PAY
See (B, E, E2, P, T) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
One (1) year term at the following wage rates:

1st	2nd	3rd
$11.00	$12.50	$15.50

Supplentals benefits:
Per hour paid:

1st	2nd	3rd
$ 9.94	$10.31	$10.51

8-8A/28A-MP

Plasterer 02/01/2015

JOB DESCRIPTION Plasterer **DISTRICT** 9

ENTIRE COUNTIES
Kings, Nassau, Queens, Suffolk

PARTIAL COUNTIES
New York: Includes work in all Islands in New York City, except Manhattan.

WAGES
Per hour:

	07/01/2014
Building:	
Plasterer/Traditional	$ 35.53

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyworker	$ 21.80

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:
(per hour)
(1) year terms at the following % Journeyworkers wage rate.

First year:	1st 6 months	2nd 6 months
	40%	45%
Second year:	1st 6 months	2nd 6 months
	55%	60%
Third year:	1st 6 months	2nd 6 months
	70%	75%

Supplemental Benefits:
(per hour paid):
(1) year term broken down into six month periods:
1st year:

1st six months	$ 8.37
2nd six months	9.35
3rd six months	11.35
4th six months	12.33
5th six months	14.33
6th six months	15.33

9-530-Z1

Plumber 02/01/2015

JOB DESCRIPTION Plumber **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour worked:

	07/01/2014	10/01/2014	01/01/2015	04/01/2015 An Additional
Plumber	$ 65.55	$ 65.55	$ 65.55	
Temporary Service**	52.52	52.52	52.52	
Repairs &				

Maintenance***	38.55	39.05	39.05	$ 0.75*

* To be allocated

** Temporary Service- Includes Maintenance of cooling & heating apparatus, maintenance work on pneumatic systems during the construction period, and work on temporary heat. All hours paid at straight time, including holidays.

***THERE ARE NO HELPERS UNDER THIS CLASSIFICATION; WHEN USING APPRENTICES, MUST FOLLOW RATIO FOR PLUMBERS

***Repair & Maintenance work is any repair and/or replacement of present plumbing system that does not change existing roughing or water supply lines.

On tower work, bridges, elevated highway, or buildings, where pipe is being installed, fifty (50) or more feet vertically in a free drop from its base,an additional $1.00 per hour.

SHIFT WORK:
Shift work,when directly specified in public agency or authority contract documents, and continues for a period of not less than ten (10) consecutive work days. A shift shall consist of seven(7) hours with one-half (1/2) hour for lunch after the first four (4) hours of each shift. A premium of thirty percent (30%) for wages and supplemental benefits on shift work performed Monday through Friday on the 4 P.M.and midnight shifts.
For shift work performed on weekends the shift premium shall be fifty percent (50%) of wages and supplemental benefits.
For shift work performed on holidays designated below, double time wages and supplemental benefits shall be paid. Also noted that the normal workday Monday through Friday 8:00 A.M. to 3:00 P.M. is not considered shift work, and therefore not subject to shift premium.

SUPPLEMENTAL BENEFITS

Per hour worked:

	07/01/2014	10/01/2014	01/01/2015
Plumber	$ 25.50	$ 25.50	$ 26.80
Temporary Service	19.92	19.92	20.96
Repair & Maintenance	12.56	13.06	13.06

OVERTIME PAY

Plumber	See (C, O, V) on OVERTIME PAGE.
Repairs & Maintenance	See (B, H) on OVERTIME PAGE.

When calculating premium pay, subtract $ 0.28 from regular hourly wage rate.

HOLIDAY

Plumber	
Overtime:	See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE.
Repairs & Maintenance	
Paid:	See (1) on HOLIDAY PAGE.
Overtime:	See (5, 6, 25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour:

(1/2) year terms at the following wage:

1st&2nd	3rd&4th	5th&6th	7th&8th	9th	10th
$ 14.28	$ 24.15	$ 26.25	$ 29.10	$ 30.50	$ 42.57

Supplemental Benefits per hour paid:
(1/2) year term at the following dollar amount:

1st	2nd	3rd-10th
$ .43	$ 2.68	$ 11.18

Note: The Repairs & Maintenance Category has NO Apprentices.

9-1

Roofer **02/01/2015**

JOB DESCRIPTION Roofer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Dutchess, Kings, New York, Orange, Putnam, Queens, Richmond, Rockland, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2014	07/01/2015
Roofer/Waterproofer	$ 40.70	An additional $ 1.50*

* May be allocated between wages and benefits
Note: Abatement/Removal of Asbestos containing roofs and roofing material is classified as Roofer.

SUPPLEMENTAL BENEFITS
Journeyworker $ 29.46

OVERTIME PAY
See (B, H) on OVERTIME PAGE
Note: An observed holiday that falls on a Sunday will be observed the following Monday.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following percentage of Journeyworkers hourly wage.

1st	2nd	3rd	4th
35%	50%	60%	75%

Supplements per hour paid at the following rates:

1st	2nd	3rd	4th
$ 2.70	$ 15.02	$ 17.90	$ 22.25

9-8R

Sheetmetal Worker — 02/01/2015

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Sheetmetal Worker	$ 50.67
Temporary Operation or Maintenace of Fans	40.42

SUPPLEMENTAL BENEFITS

Per Hour:	
Sheetmetal Worker	$ 39.91
Maintenance Worker	39.91

OVERTIME PAY
See (A, E, E2, Q, V) on OVERTIME PAGE
For Maintenance See Codes B,E, Q & V

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:Wages

Six(6) Month Terms As Follows:

1st Term	$ 14.35
2nd Term	17.72
3rd Term	22.12
4th Term	24.89
5th Term	26.24
6th Term	28.45
7th Term	34.53
8th Term	37.23
9th Term	40.34

Per Hour: Supplemental Benifits

1st Term	$ 5.50
2nd Term	14.80
3rd Term	21.51
4th Term	23.31
5th Term	24.94
6th Term	27.04
7th Term	30.60
8th Term	31.77
9th Term	32.94

4-28

Sheetmetal Worker **02/01/2015**

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per Hour:	07/01/2014	08/01/2014
Sign Erector	$ 44.20	$ 45.60

NOTE: Overhead Highway Signs and Structurally Supported Signs(See IRON WORKER CLASS)

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	08/01/2014
Sign Erector	$ 38.22	$ 40.25

OVERTIME PAY
See (A, F, S) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:
6 month Terms at the following percentage of Sign Erectors wage rate:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
35%	40%	45%	50%	55%	60%	65%	70%	75%	80%

SUPPLEMENTAL BENEFITS
Per Hour:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
$11.08	$12.55	$14.04	$15.51	$21.93	$23.86	$26.46	$28.45	$30.42	$32.40

4-137-SE

Steamfitter **02/01/2015**

JOB DESCRIPTION Steamfitter **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Steam/Sprinkler Fitter	$ 58.81
Temporary Heat & AC	$ 44.71

NOTE: Add 30% to Hourly Wage for "Contracting Agency" Mandated Off Shift Work.

SUPPLEMENTAL BENEFITS
Per Hour:

Steam/Sprinkler Fitter	$ 45.67
Temporary Heat & AC	$ 37.26

OVERTIME PAY
See (C, *D, O, V) on OVERTIME PAGE
(*D) On all HVAC and Mechanical contracts that do not excedd $15,000,000. and on all fire protection/sprinklet contracts that do not exceed $1,500,000.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
1 year Terms at the Following:

WAGES per hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
$ 23.56	$ 29.44	$ 38.25	$ 47.06	$ 50.00

SUPPLEMENTAL BENEFIT
Per Hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
$ 18.79	$ 23.29	$ 29.99	$ 36.71	$ 38.95

4-638A-StmSpFtr

Steamfitter — 02/01/2015

JOB DESCRIPTION Steamfitter **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014	01/01/2015 Additional
AC Service/Heat Service Steamfitter Maintenance	$ 38.30	$ 0.75*

Refrigeration, A/C, Oil Burner and Stoker Service and Repair.
Refrigeration Compressor installation up to 5hp (combined).
Air Condition / Heating Compressor installation up to 10hp (combined).

(*)To be allocated at a later date

SUPPLEMENTAL BENEFITS
Per Hour

AC Service/Heat Service Steamfitter Maintenance	$ 9.70

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 25, 26) on HOLIDAY PAGE

4-638B-StmFtrRef

Teamster - Heavy Construction — 02/01/2015

JOB DESCRIPTION Teamster - Heavy Construction **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:

Dump Trucks/Drivers (Debris Removal, Street Level and below)

	07/01/2014
Dump Trucks	$ 38.855
Tractor Trailers	$ 38.875
Euclid/Turnapull	$ 39.44

SUPPLEMENTAL BENEFITS
Per Hour:

Dump Trucks	
Up to 40 Hours Worked	$ 40.84
Over 40 Hours Worked	$ 14.90
ALL OTHERS	
uUp to 40 Hours Worked	$ 41.70
Over 40 Hours Worked	$ 14.50

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE
Note: Employees receive 2 hours of Holiday Pay for each day worked in holiday week (not to exceed 8 hours)

4-282

Welder 02/01/2015

JOB DESCRIPTION Welder **DISTRICT** 1

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES
Per hour 07/01/2014

Welder (To be paid the same rate of the mechanic performing the work)

OVERTIME PAY

HOLIDAY

1-As Per Trade

New York County General Construction

Asbestos Worker — 02/01/2015

JOB DESCRIPTION Asbestos Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014	12/01/2014 Additional
Abestos Worker Removal & Abatement Only*	$ 47.00	$ 0.50**

NOTE: *On Mechanical Systems that are NOT to be SCRAPPED. To be allocated to (**) To be allocated at a later date

SUPPLEMENTAL BENEFITS

Per Hour:	
Abestos Worker Removal & Abatement Only	$ 4.70

OVERTIME PAY
See (B, B2, *E, J) on OVERTIME PAGE
Hours worked on Saturdays are paid at time and one half only if forty hours have been worked during the week.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
Apprentice Removal & Abatement Only:
1000 hour terms at the following percentage of Journeyman's rates.

1st	2nd	3rd	4th
78%	80%	83%	89%

SUPPLEMENTAL BENEFIT

Per Hour:	
Apprentice Removal & Abatement	$ 4.70

4-12a - Removal Only

Boilermaker — 02/01/2015

JOB DESCRIPTION Boilermaker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2014	01/01/2015
Boilermaker	$ 50.45	$ 51.56
Repairs & Renovations	$ 50.45	$ 51.56

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	01/01/2015
Boilermaker	32% of hourly	32% of hourly
Repairs & Renovations	Wage Paid + $25.16	Wage Paid + $25.19

NOTE: "Hourly Wage Paid" shall include any and all premium(s) pay.

Repairs & Renovation Includes replacement of parts and repairs & renovation of existing unit.

OVERTIME PAY
OVERTIME PAY
See (D, O) on OVERTIME PAGE
HOLIDAY
Paid: See (8, 16, 23, 24) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 12, 15, 25) on HOLIDAY PAGE
NOTE: *Employee must work in pay week to receive Holiday Pay.
**Boilermarker gets 4 times the hourly wage rate for working on Labor Day.
***Repairs & Renovation see (B,E,Q) on HOLIDAY PAGE

HOLIDAY

REGISTERED APPRENTICES
Wage per hour:
(1/2) Year Terms at the following pecentage of Boilermaker's Wage

1st	2nd	3rd	4th	5th	6th	7th	8th
65%	65%	70%	75%	80%	85%	90%	95%

Supplemental Benefits Per Hour:

Apprentice(s)	07/01/2014 32% of Hourly Wage Paid plus amount below	01/01/2015 32% of Hourly Wage Paid Plus Amount Below
1st Term	$ 19.25	$ 19.27
2nd Term	20.10	20.11
3rd Term	20.94	20.95
4th Term	21.78	21.80
5th Term	22.62	22.65
6th Term	23.47	23.49
7th Term	24.31	24.33

NOTE: "Hourly Wage Paid" shall include any and all premium(s)

4-5

Carpenter — 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester

PARTIAL COUNTIES
Orange: South of but including the following, Waterloo Mills, Slate Hill, New Hampton, Goshen, Blooming Grove, Mountainville, east to the Hudson River.
Putnam: South of but including the following, Cold Spring, TompkinsCorner, Mahopac, Croton Falls, east to Connecticut border.
Suffolk: West of Port Jefferson and Patchogue Road to Route 112 to the Atlantic Ocean.

WAGES

Per hour:	07/01/2014	10/17/2014
Core Drilling:		
Driller	$ 35.71	$ 36.82
Driller Helper	$ 28.60	$ 29.44
Additional Helpers: One (1) year increments. This is not an apprenticeship for Driller:		
Helper 1st year	$ 20.02	$ 20.61
Helper 2nd year	22.88	23.55
Helper 3rd year	25.74	26.50
Helper 4th year	28.60	29.44

Note: Hazardous Waste Pay Differential:
For Level C, an additional 10% above wage rate per hour
For Level B, an additional 10% above wage rate per hour
For Level A, an additional 10% above wage rate per hour
Note: When required to work on water: an additional $ 0.50 per hour.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014	10/17/2014
Driller and All Helpers	$21.69	$ 22.79

OVERTIME PAY
OVERTIME: See (B,E,K*,P,R**) on OVERTIME PAGE.

HOLIDAY
Paid: See (5,6) on HOLIDAY PAGE.
Overtime: * See (5,6) on HOLIDAY PAGE.
** See (8,10,11,13) on HOLIDAY PAGE.

8-1536-CoreDriller

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per Hour:

	07/01/2014
Timberman	$ 44.33

SUPPLEMENTAL BENEFITS
Per Hour:

	07/01/2014
	$ 45.36

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour:
(1) year terms:

1st	2nd	3rd	4th
$17.73	$22.16	$28.81	$35.46

Supplemental benefits per hour:
$ 30.86

8-1556 Tm

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Building
Millwright $ 48.44

SUPPLEMENTAL BENEFITS
Per hour paid:

Millwright $ 50.49

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19)* on HOLIDAY PAGE.

Overtime See (5,6,8,11,13,18,19,25) on HOLIDAY PAGE.

* must show up to work

REGISTERED APPRENTICES

Wages per hour is Pecentage of Journeyworkers wage:

(1) year terms:

1st.	2nd.	3rd.	4th.
$26.64	$31.49	$36.33	$46.02

Supplemental benefits per hour paid:

(1) year terms:

1st.	2nd.	3rd.	4th.
$32.81	$36.15	$40.63	$46.21

8-740.1

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per Hour: 07/01/2014

Marine Construction:

Marine Diver	$ 61.30
Marine Tender	43.45

SUPPLEMENTAL BENEFITS
Per Hour Paid:

Journeyman	$ 46.09

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18, 19) on HOLIDAY PAGE
Overtime: See (5, 6, 10, 11, 13, 16, 18, 19) on HOLIDAY PAGE

8-1456MC

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Carpet/Resilient
Floor Coverer $ 49.88

INCLUDES HANDLING & INSTALLATION OF ARTIFICIAL TURF AND SIMILAR TURF INDOORS/OUTDOORS.

SUPPLEMENTAL BENEFITS
Per hour paid:

Floor Coverer	$ 44.07

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18, 19)on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wage per hour is Pecentage of Journeyworkers Wage

(1) year terms:

1st.	2nd.	3rd.	4th.
$19.95	$24.94	$32.42	$39.90

Supplemental benefits per hour:

$ 30.22

8-2287

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Piledriver	$ 48.35
Dockbuilder	$ 48.35

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker	$ 46.09

OVERTIME PAY
See (B, E2, O) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19)on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour
(1)year terms:

1st	2nd	3rd	4th
$19.34	$24.17	$31.43	$38.68

Supplemental benefits per hour:

Apprentices	$ 31.23

8-1556 Db

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Putnam, Queens, Richmond

PARTIAL COUNTIES
Nassau: That portion of the county that lies west of Seaford Creekand south of the Southern State Parkway.

WAGES
Per hour: 07/01/2014

Show Exibit/
Carpenter $ 48.38

SUPPLEMENTAL BENEFITS
Per hour paid:

Show Exibit/

Carpenter $ 42.67

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid:for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour is Pecentage of Journeyworkers Wage

(1) year terms:

1st.	2nd.	3rd.	4th.
$19.35	$24.19	$31.45	$38.70

Supplemental benefits per hour:
Apprentices $ 29.52

8-EXHIB

Carpenter - Building 02/01/2015

JOB DESCRIPTION Carpenter - Building **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
Nassau: Work preformed south of the Southern State Parkway and west of the Seaford Creek.

WAGES
Per hour: 07/01/2014

Building:
Carpenter $49.88

SUPPLEMENTAL BENEFITS
Per hour paid:

Building:
Carpenter $ 44.07

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wage per hour:

(1) year terms:

	1st	2nd	3rd	4th
Building	$19.95	$24.94	$32.42	$39.90

Supplemental benefits per hour for all Apprentices:

Building $ 30.22

8-NYC Bldg.

Carpenter - Heavy&Highway 02/01/2015

JOB DESCRIPTION Carpenter - Heavy&Highway **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014
Heavy&Highway Carpenter	$ 48.35

SUPPLEMENTAL BENEFITS
Per hour paid:

Heavy & H/way Carpenter	$ 46.09

OVERTIME PAY
See (B, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid:	See (18, 19) on HOLIDAY PAGE
Paid : for 1st & 2nd yr Apprentices	See(5,6,11,13,16,18,19,25)
Overtime:	See(5,6,11,13,16,18,19,25) on holiday Page

REGISTERED APPRENTICES
Wage per hour:
(1) year terms:

	1st	2nd	3rd	4th
Heavy & Highway	$19.34	$24.17	$31.43	$38.68

Supplemental Benefits:
Per Hour paid

All Apprentices	$31.23

8-NYC H/H

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	06/01/2015
Tree Trimmer	$ 27.20	$ 27.88
Ground Person	$ 17.98	18.43

Applies to line clearance, tree work, and right-of-way preparation on all new or existing overhead, electrical, telephone, and CATV lines.

SUPPLEMENTAL BENEFITS
Per hour paid:

Tree Trimmer	$ 10.19	$ 10.44
Ground Person	$ 6.73	6.90

Note: *Plus paid vacation & 4 days sick leave. Vacation based on continous service as follows:

* 40 hours after 1 year
* 80 hours after 2 years
* 120 hours after 5 years
* 160 hours after 15 years

Note: Employee must work atleast 1800 hours in employee's anniversary year . An employee who workes 900 in the employee anniversary year but did not actually worked 1800 hours during that period shall be entitled to a pro rata share of vacation on the basis of 900 hours or more actually worded as a percentage based on 1800 hours.

OVERTIME PAY
See (B, *H, Q) on OVERTIME PAGE

*Worked performed on Sundays & Holidys outside of 7.00am - 4.00pm shall be paid at double time, in addition to the holiday pay if applicable.

HOLIDAY
HOLIDAY:
Paid: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

(An additional floating holiday after four years' service)

Overtime: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

9-3T

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	05/13/2015
Electrician		
H - Telephone	$ 27.00	$ 27.50

Maintenance and Jobbing-Electrical work of limited duration and scope, consisting of repairs and/or replacement of electrical and teledata equipment.

- Includes all work necessary to retrofit, service, maintain and repair all kinds of lighting fixtures and local lighting controls and washing and cleaning of foregoing fixtures.

SUPPLEMENTAL BENEFITS

Journeyworker	$ 20.32	$ 20.82
	22.01*	22.54*

* Applies to overtime hours

OVERTIME PAY
See (B, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3m

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond, Westchester

WAGES

Per hour Paid:	07/01/2014
Service Technician	$ 28.89

Service and Maintenance on Alarm and Security Systems.

Maintenance, repair and /or replacement of defective (or damaged) equipment on, but not limited to, Burglar - Fire - Security - CCTV - Card Access - Life Safety Systems and associated devices. (Whether by service contract of T&M by customer request.)

SUPPLEMENTAL BENEFITS
Per hour:
Journeyworker: $ 11.19
+ $12.00 per day

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3H

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:	07/01/2014	05/14/2015
Electrician and Audio/Sound	$53.00	$54.00

SUPPLEMENTAL BENEFITS

Per Hour:		
Journey Worker	$47.54	$50.03
	50.86*	53.41*
Journey Worker Temporary Light/Power	$23.62	$24.39
	26.45*	27.27*

* Applies when premium wages are paid.

Temporary Light and Power benefit rate applies for three or less workers.

Reduce benefit rate by 6.2% for any employee who has accumulated wages of $113,700 for the same employer.

OVERTIME PAY
See (A, H) on OVERTIME PAGE
See (B) for Temporary Light and Power

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages Per Hour:

One (1) year terms - Apprentices registered before 05/10/2007.

Fifth term/MIJ:		
1-18 mos	$ 26.30	$ 26.80

One (1) year terms - Apprentices registered after 05/10/2007.

First term:	07/01/2014	05/14/2015
0-6 mos.	$ 12.50	$ 13.00
7-12 mos.	13.50	14.00
Second term:		
0-6 mos.	$ 14.50	$ 15.00
7-12 mos.	15.50	16.00
Third term:		
0-6 mos.	$ 16.50	$ 17.00
7-12 mos.	17.50	18.00
Fourth term:		
0-6 mos.	$ 18.50	$ 19.00
7-12 mos.	20.50	21.00
Fifth term/MIJ:		
0-12 mos.	$ 22.50	$ 23.00
13-18 mos.	22.50	23.00

Supplemental Benefits per hour:

One (1) year terms - Apprentices registered prior to 05/10/2007.
Fifth term/MIJ:

	07/01/2014	05/10/2015
1-18 mos	$ 19.96	$ 20.47
	21.61*	22.15*

One (1) year terms - Apprentices registered after 05/10/2007:

	07/01/2014		05/14/2015	
First Term	Regular	Overtime	Regular	Overtime
0-6 mos.	$11.10	$11.93	$11.61	$12.47
7-12 mos.	11.62	12.51	12.12	13.05
Second Term				
0-6 mos.	$12.13	$13.08	$12.63	$13.62
7-12 mos.	12.64	13.66	13.14	14.19
Third Term				
0-6 mos.	$13.15	$14.23	$13.65	$14.77
7-12 mos.	13.65	14.81	14.16	15.34
Fourth Term				
0-6 mos.	$14.16	$15.38	$14.67	$15.92
7-12 mos.	15.18	16.53	15.68	17.07
Fifth Term/MIJ				
1-12 mos.	$18.06	$19.46	$18.56	$20.00
13-18 mos				

9-3

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	05/20/2015
Electro pole Electrician	$ 53.00	$ 54.00
Electro pole Foundation Installer	40.18	40.93
Electro Pole Maintainer	34.40	35.05

SUPPLEMENTAL BENEFITS
Per Hour:

	07/01/2014	05/20/2015
Electro pole Electrcian	$ 49.34	$51.86
	52.66*	55.25*
Electro pole Foundation Installer	37.73	39.46
	40.25*	42.02*
Electro pole Maintainer	34.00	35.51
	36.15*	37.71*

* Applies when premium wages are paid
Note:Reduce benefit rate by 6.2% for any employee who has accumulated wages in $113,700 for the same employer.

OVERTIME PAY
See (A, *B, **E4, F, K) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3J

Elevator Constructor — 02/01/2015

JOB DESCRIPTION Elevator Constructor **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

PARTIAL COUNTIES
Rockland: Entire County except for the Township of Stony Point

Westchester: Entire County except for the Townships of Bedford, Lewisboro, Cortland, Mt. Kisco, North Salem, Pound Ridge, Somers and Yorktown.

WAGES
Per hour:

	07/01/2014	03/17/2015
Elevator Constructor	$ 58.23	$ 59.55
Modernization & Service/Repair	46.00	46.92

SUPPLEMENTAL BENEFITS
Per Hour:

Elevator Constructor	$ 29.745	$ 31.045
Modernization & Service/Repair	29.595	31.195

OVERTIME PAY
Constructor. See (D, M, T) on OVERTIME PAGE.

Modern./Service See (B, F, S) on OVERTIME PAGE.

HOLIDAY
Paid: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES PER HOUR:
*Note:1st Term is based on Average wage of Constructor & Modernization.
Terms 2 thru 4 Based on Journeymans wage of classification Working in.

1 YEAR TERMS:

1st Term*	2nd Term	3rd Term	4th Term
50%	55%	65%	75%

SUPPLEMENTAL BENEFITS

Elevator Constructor		
1st Term	$ 25.745	$ 27.220
2nd Term	26.145	27.635
3rd Term	26.945	28.455
4th Term	27.745	29.285
Modernization & Service/Repair		
1st Term	$ 25.67	$ 27.145
2nd Term	26.065	27.550
3rd Term	26.845	28.36
4th Term	27.635	29.17

4-1

Glazier **02/01/2015**

JOB DESCRIPTION Glazier **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES
Per hour:

	07/01/2014	11/01/2014	05/01/2015
Glazier	$ 51.00*	$ 51.35*	Additional $ 1.50**
Scaffolding	$ 52.00*	$ 52.35*	Additional $ 1.50**

Scafolding includes swing scaffold, mechanical equipment, scissor jacks, man lifts, booms & buckets 24' or more, but not pipe scaffolding.

Repair & Maintenance	$ 26.70*	$ 26.70*	Additional

$ 0.60**

Repair & Maintenance- All repair & maintenance work on a particular building,whenever performed, where the total cumulative contract value is under $100,000.00.

*Additional $ .10 per hour for all regular hours worked
**To be allocated at a later date.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014	11/01/2014	05/01/2015
Journeyworker	$ 26.69	$ 27.19	$ 27.19
Repair & Maintenance	16.14	16.14	16.14

OVERTIME PAY

OVERTIME: Premium is applied to the respective base wage only.
See (C*,D* E2, O) on OVERTIME PAGE.

* If an optional 8th hour is required to complete the entire project, the same shall be paid at the regular rate of pay. If a 9th hour is worked, then both hours or more (8th & 9th or more) will be paid at double time rate of pay.

For Repair & Maintenance see (B, F, P) on overtime page.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6, 16, 25) on HOLIDAY PAGE
Paid for the Repair & Maintenance (5, 6, 16 & 25)

REGISTERED APPRENTICES

Wage per hour:
(1) year terms at the following wage rates:

	07/01/2014	11/01/2014	05/01/2014
1st term	$ 17.05	$ 17.25	$ 17.25
2nd term	25.24	25.24	25.24
3rd term	30.40	30.81	30.81
4th term	40.75	41.27	41.27

Supplemental Benefits:
(Per hour worked)

1st term	$ 13.17	$ 13.32	$ 13.32
2nd term	22.45	22.45	22.45
3rd term	24.95	25.30	25.30
4th term	30.07	30.22	30.22

8-1281 (DC9 NYC)

Insulator - Heat & Frost — 02/01/2015

JOB DESCRIPTION Insulator - Heat & Frost **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour: 07/01/2014

Insulators Heat & Frost $ 63.68

SUPPLEMENTAL BENEFITS

Per Hour:

Insulators Heat & Frost $ 30.44

OVERTIME PAY

See (A, D, O, V) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:

1 year terms at the following wage rate.

1st	2nd	3rd	4th
$25.47	$38.21	$44.59	$50.94

Supplemental Benefits per hour:

Apprentice Insulator(s)

1st	2nd	3rd	4th
$12.80	$18.26	$21.30	$24.35

4-12

Ironworker 02/01/2015

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
Rockland: Southern section - south of Convent Road and east of Blue Hills Road.

WAGES

Per hour:	07/01/2014	07/01/2015
Reinforcing & Metal Lathing	$ 52.03	Additional $ 2.00*

*To be allocated

SUPPLEMENTAL BENEFITS
Per hour paid:

Reinforcing & Metal Lathing	$ 31.55

OVERTIME PAY
See (B, B1, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 18, 19, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following wage rates:
Wages Per Hour:

Apprentices Registered BEFORE 6/29/2011

1st term	2nd term	3rd term
$ 28.11	$ 32.71	$ 37.77

Apprentices Registered ON or AFTER 6/29/2011

17.71	22.81	27.91

SUPPLEMENTAL BENIFITS
Per Hour:

Apprentices Registered BEFORE 6/29/2011

1st term	2nd term	3rd term
$ 23.02	$ 24.67	$ 25.82

Apprentices Registered On or AFTER 6/29/2011

20.08	20.08	20.08

4-46Reinf

Ironworker **02/01/2015**

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Ornamental	$ 44.95
Chain Link Fence	44.95
Guide Rail Installation	44.95

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker:	$ 43.71

OVERTIME PAY
OVERTIME: See (A*,D1,E**,Q,V) on OVERTIME PAGE.

*Time and one-half shall be paid for all work in excess of seven (7) hours at the end of a work day to a maximum of two (2) hours on any regular work day (8th & 9th hours of work) and double time shall be paid for all work thereafter.
**Time and one-half shall be paid for all work on Saturday up to seven (7) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
1st term represents first 1-10 months, thereafter (1/2) year terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th	5th
50%	55%	60%	70%	80%

Supplemental Benefits per hour paid:

1st Term	$ 34.02
2nd Term	34.98
3rd Term	35.95
4th Term	37.90
5th Term	39.65

4-580-Or

Ironworker **02/01/2015**

JOB DESCRIPTION Ironworker **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per Hour: 07/01/2014

IRONWORKER:

Ironworker Rigger	$ 53.25
Ironworker Stone Derrickman	$ 53.25

SUPPLEMENTAL BENEFITS
Ironworker: $ 37.13

OVERTIME PAY
See (*A, D1, **E, Q, V) on OVERTIME PAGE
*Time and one-half shall be paid for all work in excess of seven (7) hours at the end of a work day to a maximum of two hours on any regular work day (the eighth (8th) and ninth (9) hours of work) and double time shall be paid for all work thereafter.

**Time and one-half shall be paid for all work on Saturday up to seven (7) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 10, *24, 25) on HOLIDAY PAGE
*Work stops at schedule lunch break with full day's pay.

REGISTERED APPRENTICES
Wage per hour:

(1/2) year terms at the following hourly wage rate:

	1st	2nd	3rd	4th	5th	6th
07/01/2014	$26.38	$26.38	$39.73	$42.13	$45.56	$45.56

Supplemental benefits

Per hour paid:

1st & 2nd terms	$18.82
3rd & 4th terms	$27.86
5th & 6th terms	$27.84

9-197D/R

Ironworker — 02/01/2015

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
PER HOUR:

	07/01/2014
Ironworker:	
Structural	$47.25
Bridges	
Machinery	

SUPPLEMENTAL BENEFITS
PER HOUR:

Journeyman	$65.20

OVERTIME PAY
See (B*,E**,Q,V) on OVERTIME PAGE.

* Time and one-half shall be paid for all work in excess of (8) eight hours at the end of a work day to a maximum of two hours on any regular work day (the ninth (9th) and tenth (10th) hours of work)and double time shall be paid for all work thereafter.

** Time and one-half shall be paid for all work on Saturday up to eight (8) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 18, 19) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES PER HOUR:

6 month terms at the following rate:

1st	$ 24.73
2nd	25.33
3rd - 6th	25.93

Supplemental Benefits
PER HOUR:

All Terms	45.84

4-40/361-Str

Laborer — 02/01/2015

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

GROUP 14: Blasters.

GROUP 16: Tunnel workers *
* (including Miners, Drill Runners, Iron Men, Maintenance Men, Conveyor Men, Safety Miners, Riggers, Block Layers, Cement Finishers, Rod Men, Caulkers, Powder Carriers, Miners' Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Derail Men, Form Men, Bottom Bell, Top Bell or Signal men, Form Workers, Movers, Concrete Workers, Shaft Men, Tunnel Laborers and Caulkers' Helpers).

GROUP 17**: All others including: Powder Watchmen, Top Laborers and Changehouse Attendants.

Wages: (per hour)	07/01/2014
Laborer (Tunnel)-FREE AIR:	
Group 14	$ 56.89
Group 16	$ 54.43
Group 17**	$ 50.30
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway & Vehicular Tunnels	80% of rates above

**An additional $3.00 per day when using an air spade, jack hammer or pavement breaker.

Note: For jobs bid before July 1, 2010 employer shall pay $6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be $10.00 per day.

SUPPLEMENTAL BENEFITS
Per hour paid:

GROUP 14	$ 40.86**
GROUP 16	$ 39.12**
GROUP 17	$ 36.19**
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway& Vehicular Tunnels	80% of rates above

** Add additional $ 0.16 to benefits for each each overtime hour paid.

OVERTIME PAY
OVERTIME: For Laborer (Free Air) See (D, M, R*) on OVERTIME PAGE.
For Repair Categories & Micro Tunneling See (B, F, R*) on OVERTIME PAGE.
* Straight time first 8 hours, double time after 8 hours.

HOLIDAY
Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Free

Laborer **02/01/2015**

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Laborer/Excavation:	
**Asbestos and Lead Abatement & Removal,Hazardous Waste Removal (including soil)	$ 39.85
Basic	39.85
Flagman	39.85
Pipelayer	39.85
*Tree Work, *Landscape	39.85

*Includes trimming, cutting, planting and/or removal of trees.
** Applies to Heavy & Highway projects

SUPPLEMENTAL BENEFITS

Per hour paid:	
Journeyworker	$ 34.88

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE
++ Except for Independence Day, holidays which fall on a Saturday will not be observed on the preceding Friday.When an observed holiday falls on a Saturday,work done shall be paid at double time.

HOLIDAY
Paid: See (2, 20) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 13) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

1000 hour terms at the following hourly wage rate.

		07/01/2014
1st	0-1000	$ 19.93
2nd	1001-2000	$ 23.91
3rd	2001-3000	$ 29.89
4th	3001-4000	$ 35.87

Supplemental Benefits per hour paid:

All Apprentices	$ 34.88

9-731Ex

Laborer 02/01/2015

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Laborer:	
Laborer-Concrete (including flag person)	$ 41.48

SUPPLEMENTAL BENEFITS

Per Hour Worked	
	$ 26.17

OVERTIME PAY
OVERTIME: See (A,E,Q) on OVERTIME PAGE attached.
See (B,E,Q,) for work below street level to top of foundation.

For Work done on Saturdays add an additional $2.75 per hour to Supp. Benefits.
For work done on Sundays & Holidays add an additional $5.50 per hour to Supp. Benefits.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
Terms at the following percentage of Journeyworkers wage.

Term:	1st	2nd	3rd
Hours:	0-500	501-2000	2001-4000
	50%	65%	80%

Supplemental Benefits:
(Per Hour Worked)

0-500 hrs	501-1000 hrs	1001-2000 hrs	2001-4000 hrs
$15.29+ $2.75*	$15.29+ $3.58*	$20.67+ $3.58*	$20.67+ $4.40*

*This mount subject to same premium as wages
NB Journeyman rate applies after 4000 hours

9-6A/18A/20-C

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Building:	
Plasterer Tender and Spray Fireproofing.	$ 37.00** plus $1.10*

* May be allocated between wages and benefits
** To calculate premium wage, subtract $2.00 from hourly wage

SUPPLEMENTAL BENEFITS
Per hour paid:
Journeyworker $ 23.74

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

1000 hours terms at the following wage.

	1st	2nd	3rd	4th
07/01/2014	$21.63*	22.73*	24.33*	26.93*

* Before calculating premium wage deduct $1.00

Supplemental Benefits per hour paid:

All Apprentices $ 16.06

9-30 (79)

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	12/01/2014
Laborer/Asbestos, Lead and Hazardous Material Abatment	$ 36.00	Additional $0.50*

*To be allocated

SUPPLEMENTAL BENEFITS
Per Hour:

Laborer	$15.45

OVERTIME PAY
See (B, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
1000 hour terms at the following;

Per Hour:	07/01/2014	12/01/2014
1st term	$27.96	Additional $0.50*
2nd Term	$28.66	
3rd Term	$29.72	
4th Term	$31.84	

*To be allocated

SUPPLEMENTAL BENEFIT

Per Hour:

ALL TERMS	$15.45

4-NYDC(78)

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	01/01/2015
Interior Demolition	$ 35.99	$0.75*

*May be alocated between wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour paid:

Interior Demolion	$ 20.10

OVERTIME PAY
See (B, B2, E, E2, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage Per Hour:

1000 hour terms at the following wage rate:

1st	2nd	3rd	4th
$ 22.24	$ 23.34	$ 24.88	$ 27.38

Supplemental Benefits per Hour paid:

All Apprentices $ 15.76

9-MTDC (79-ID)

Laborer - Building 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Building Laborer-Demolition: $ 35.91
plus $ .95*

NOTE: Total Demolition Only: Demolition shall be the complete demolition (wrecking) or dismantling of entire buildings or structures. Also may include the removal of all or any portion of a roof in which structural change is to occur. Structural change is defined as the removal of structural slabs, steel members, concrete members and penetration through the structural slab.

SUPPLEMENTAL BENEFITS
Per hour paid:
Journeyworker: $ 23.34

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 13, 15, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

(1) year terms at the following wage.

	1st	2nd	3rd	4th
07/01/14	21.36	22.46	24.01	26.56

Supplemental Benefits per hour paid:

$ 15.35

9-79/95

Laborer - Building 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Basic Laborer and
Mason Tender $ 37.00 plus
An additional $ 1.10*

*May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014

Basic Laborer and

Mason Tender $ 23.74

OVERTIME PAY
See (B, B2, E, E2, I, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 25) on HOLIDAY PAGE
(Easter is paid at Time and One-half if worked)

REGISTERED APPRENTICES
Wage per hour:

1000 hour terms at the following wage rate:

Term:	1st	2nd	3rd	4th
Basic Laborer and Mason Tender	$ 21.63	$ 22.73	$ 24.33	$ 26.93

Supplemental Benefits per hour paid:

All Terms:
Basic Laborer and
Mason Tender $ 16.06

9-MTDC(79)

Laborer - Concrete & Asphalt Paving 02/01/2015

JOB DESCRIPTION Laborer - Concrete & Asphalt Paving **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Group 1: Slurry Seal Coater, Maintenance Safety Surface, Small Equipment Operator, Small Power Tool Operator, Play Equipment Installer, Landscape Planting & Maintenance, Temporary Fence Installer & Repairs, Laborer.

Group 2: Shoveler, Small Equipment Operator on Asphalt work.

Per hour:	07/01/2014
Concrete Formsetter	$ 44.19
Asphalt Screedman / Micro Paver	45.24
Asphalt Raker	44.73
Group 1	40.32
Group 2	41.44

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014

Journeyman $ 35.15

OVERTIME PAY
See (B, *E, **Q) on OVERTIME PAGE
* Saturday premium rate applies from 7:00 am on Saturday to 6:59 am Sunday
** Sunday premium rate applies from Sunday 7:00 am to Monday 6:59 am.

HOLIDAY
Paid: See (5, 20) on HOLIDAY PAGE
HOLIDAY:
Paid: See (5,20)* on HOLIDAY PAGE.
Holiday:
Overtime: See (21,22)** on HOLIDAY PAGE.
See (13)*** on holiday page.

* Holiday pay -at the single time pay rate-shall be prorated based on 25% of a day's wages and benefits for each day worked.
**If an employee works on any of these unpaid holidays, employee will receive the single rate plus 25%.
*** Unpaid if not worked,if worked shall receive single time rate plus one day's pay for the holiday.

REGISTERED APPRENTICES
Wage per hour:

2000 hours term at the following percent of Journeyman Laborer Group 1 rate.

1st term	2nd term
1-2000	2001-4000
66%	70%

Supplemental Benefits per hour paid:

2000 hours term at the following percent of Journeyman Laborer Group 1 rate.

1st term	2nd term
1-2000	2001-4000
66%	70%

9-1010H/H

Laborer - Trac Drill — 02/01/2015

JOB DESCRIPTION Laborer - Trac Drill **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour Paid:	07/01/2014
Hydraulic Trac Drill	$ 50.00
Hydraulic Trac Drill Chuck Tender	43.22
Air Trac, Wagon, Quarry Bar	49.24
Power Tool (Chipper & Jackhammer)	48.23
Chuck Tender & Nipper	42.49
Blaster	54.50
Blaster Hydraulic	55.30
Powder Carrier	44.40
Magazine Keeper	29.10

SUPPLEMENTAL BENEFITS

Per Hour Paid:	07/01/2014
All Classifications	$ 30.94

OVERTIME PAY
Magazine Keeper See (B,H) on OVERTIME PAGE.

ALL OTHERS SEE (D,E,Q) on OVERTIME PAGE.

HOLIDAY
HOLIDAY:
Paid: For Blaster See (5,6,11,13) on HOLIDAY PAGE.

FOR ALL OTHERS SEE (1) ON HOLIDAY PAGE.

Overtime: See (5,6,11,13) on HOLIDAY PAGE.

9-29

Laborer - Tunnel — 02/01/2015

JOB DESCRIPTION Laborer - Tunnel **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
GROUP 6: Tunnel Workers* * (including Miners, Drill Runners,Iron Men, Maintenance Men, Inside Muck Lock Tender, Pumpmen, Electricians, Cement Finishers, Rod Men, Caulkers, Carpenters, Hydraulic Men, Shield Drivers, Monorail Operators, Motor Men, Conveyor Men, Safety Miners, Powder Carriers, Pan Men, Riggers, Miner's Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Form Workers, Concrete Workers, Tunnel Laborers, Caulker's Helpers), Hose Men, Grout Men, Gravel Men, Derail Men and Cable Men.

GROUP 7: Top Nipper

GROUP 8,9: Outside Man Lock Tender, Outside Muck Lock Tender, Shaft Men,Gauge Tender and Signal Men.

GROUP 10: Powder Watchmen, Top Laborers and Changehouse Attendants.

WAGES: (per hour)

	07/01/2014
Laborer(Compressed Air):	
GROUP 6	$ 57.54
GROUP 7	$ 56.48
GROUP 8,9	$ 55.46
GROUP 10	$ 48.34

Note: For jobs bid before July l, 2010 employer shall pay $6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be $10. per day.

SUPPLEMENTAL BENEFITS
SUPPLEMENTAL BENEFITS:
per hour:

GROUP 6	$ 41.35**
GROUP 7	$ 40.65**
GROUP 8,9	$ 39.88**
GROUP 10	$ 38.15**

** Add an additional $ 0.16 to benefits for each overtime hour paid.

OVERTIME PAY
See (D, M, *R) on OVERTIME PAGE
NOTE: Time and one-half to be paid for all overtime repair-maintenance work on existing equipment and facilities.

* Straight time first 8 hours, double time after 8 hours.

HOLIDAY
Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Comp Air

Mason — 02/01/2015

JOB DESCRIPTION Mason **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Brick/Blocklayer	$53.71

SUPPLEMENTAL BENEFITS
Per Hour:

Brick/Block Layer	$23.18

OVERTIME PAY
See (A, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(800 hour) Terms at the following Percentage of Journeyworkers Wage:

1st	2nd	3rd	4th	5th
50%	60%	70%	80%	90%

Supplemental Benefits per hour:

All Apprentices $ 14.90

4-1Brk

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	12/01/2014	06/01/2015
Building:		An additional	An additional
Tile Finisher	$ 40.78	$0.97*	$0.97*

*May be allocated between
wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour:

Journeyworker $ 19.85*
plus $7.91

* This portion of benefits subject to the same premium as overtime wages

OVERTIME PAY
See (A, *E, Q) on OVERTIME PAGE
*Double time rate after 10 hours on Saturdays

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

9-7/88-tf

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Wages:	07/01/2014	01/01/2015
Marble Cutters& Setters	$ 55.85	$ 56.15

SUPPLEMENTAL BENEFITS
Per Hour:

Journeyworker	$ 29.58	$ 30.31

OVERTIME PAY
See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage Per Hour:

750 hour terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
1-750	751-1500	1501-2250	2251-3000	3001-3750	3751-4500	4501-5250	5251-6000	6001-6751	6751-7500
$ 22.34	$25.13	$27.93	$30.72	$33.51	$36.30	$39.10	$41.89	$47.47	$53.06

Supplemental Benefits per hour paid at the following term:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th

$21.86	$22.51	$23.14	$23.80	$24.43	$25.07	$25.71	$26.36	$27.64	$29.93

9-7/4

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2014
Building-Marble Restoration:		
Marble, Stone & Terrazzo Polisher, etc	$ 38.96	$ 39.25

SUPPLEMENTAL BENEFITS
Per Hour Paid:

Journeyworker:		
Building-Marble Restoration:		
Marble, Stone & Polisher	$ 23.00	$ 23.38

OVERTIME PAY
See (B, *E, Q, V) on OVERTIME PAGE
*ON SATURDAYS, 8TH HOUR AND SUCCESSIVE HOURS PAID AT DOUBLE HOURLY RATE.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1ST TERM APPRENTICE GETS PAID FOR ALL OBSERVED HOLIDAYS.

REGISTERED APPRENTICES
WAGES per hour:

(900 hour)terms at the following wages:

	1st 0-900	2nd 901-1800	3rd 1801-2700	4th over 2700
07/01/2014	$ 27.27	$ 31.17	$35.06	$ 38.96
01/01/2015	An additional $0.47*	An additional $0.54*	An additional $0.60*	An additional $0.67*

* May be allocated between wages and benefits

Supplemental Benefits Per Hour:

07/01/2014				
	$ 21.11	$ 21.73	$ 22.36	$ 23.00

9-7/24-MP

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	12/01/2014	06/01/2015
Tile Setters	$ 52.58	An additional $ 1.30*	An additional $1.30*

*May be allocated between Wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour:

Tile Setter	$ 22.48*
	plus $ 8.05

* This portion of benefit is subject to the same premium as shown for overtime wages.

OVERTIME PAY
See (*E, Q, V) on OVERTIME PAGE
* Work beyond 10 hours on Saturday shall be paid at double the hourly wage rate.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

Tile Setters:
(750 hr)terms at the following wage rate:

Term: 1st 1-750	2nd 751-1500	3rd 1501-2250	4th 2251-3000	5th 3001-3750	6th 3751-4500	7th 4501-5250	8th 5251-6000	9th 6001-6750	10th 6750-7500
$26.91	$30.04	$33.86	$36.07	$39.91	$43.53	$46.63	$46.17	$49.89	$51.70

Starting 12/01/2014 An addtional:

$0.65	$0.72	$0.78	$0.85	$0.91	$0.98	$1.04	$1.11	$1.17	$1.25

Starting 06/01/2015 An additional:

$0.65	$0.72	$0.78	$0.85	$0.91	$0.98	$1.04	$1.11	$1.17	$1.25

NOTE:INCREASES MAY BE ALLOCATED BETWEEN WAGES AND BENEFITTS

Supplemental Benefits per hour:

1st term	$ 13.95* plus $0.71	6th term	$ 17.35* plus $1.49
2nd term	$ 14.95* plus $0.75	7th term	$ 17.55* plus $5.34
3rd term	$ 14.95* plus $1.09	8th term	$ 18.75* plus $5.71
4th term	$ 16.85* plus $1.13	9th term	$ 19.15* plus $5.75
5th term	$ 16.85* plus $1.45	10th term	$ 20.87* plus $5.79

* This portion of the benefit is subject to same premium as overtime wages.

9-7/52

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Building:
Per Hour:

	07/01/2014	01/01/2015 Additional
Mosaic & Terrazzo Mechanic	$ 45.88	$ 0.96*
Mosaic & Terrazzo Finisher	$ 47.28	$ 0.96*

*May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS
Journeyworker:

per hour worked

Mechanic	$ 22.40* plus $ 9.68
Finisher	$ 22.40* plus $ 9.68

* This portion of benefit subject to same premium as wages.

OVERTIME PAY
See (A, *E, Q) on OVERTIME PAGE
Double the rate after 10 hours on Saturday

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
Easter Sunday is an observed holiday.Holidays falling on a Saturday will be observed on that Saturday. Holidays falling on a Sunday will be celebrated on the Monday.

REGISTERED APPRENTICES
Wage per hour:
(750 Hour) terms at the following wage rate.

1st 1-750	2nd 751-1500	3rd 1500-2250	4th 2251-3000	5th 3001-3750	6th 3751-4500	7th 4501-5250	8th 5251-6000
$23.96	$26.36	$28.76	$31.15	$33.55	$35.96	$40.74	$45.53

Supplemental benefits per worked:

(750 hour) terms as shown above.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th
$11.20* +4.85	$12.32* +5.33	$13.44* +5.81	$14.56* +6.30	$15.68* +6.78	$16.80* +7.26	$19.04* +8.23	$21.28* +9.20	$22.40* +9.68

*This portion of benefits subject to same premium as overtime wages.

9-7/3

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per hour:

	07/01/2014	01/01/2015
Marble, Stone,etc. Maintenance Finishers:	$ 21.24	$ 21.38

Note 1: An additional $2.00 per hour for time spent grinding floor using "60 grit" and below.
Note 2: Flaming equipment operator shall be paid an additional $25.00 per day.

SUPPLEMENTAL BENEFITS
Per Hour:

Marble, Stone, etc Maintenance Finishers:	$ 11.77	$ 11.99

OVERTIME PAY
See (B, *E, Q, V) on OVERTIME PAGE
*Double hourly rate after 8 hours on Saturday

HOLIDAY
Paid: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1st term apprentice gets paid for all observed holidays.

REGISTERED APPRENTICES

WAGES per hour:	
(750 hour)terms at the following percentage of journeyman's wage rate:	07/01/2014
1st term 0-750	70%
2nd term 750-1500	74%
3rd trem 1501-2250	78%
4th term 2251-3000	82%
5th term 3001-3750	88%
6th term 3751-4500	96%

Supplemental Benefits:
Per hour paid

1st term	$ 11.58
2nd term	11.59
3rd term	11.72
4th term	11.73
5th term	11.74
6th term	11.76

9-7/24M-MF

Mason - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2015
Marble-Finisher	$ 44.54	44.81

SUPPLEMENTAL BENEFITS
Journeyworker:
per hour paid

Marble- Finisher	$ 29.16	$ 29.79

OVERTIME PAY
See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
* Work beyond 8 hours on a Saturday shall be paid at double the rate.
** When an observed holiday falls on a Sunday, it will be observed the next day.

9-7/20-MF

Mason - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Cement Mason	$ 45.53

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Friday. Any make-up day must be paid at the premium rate.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per Hour:

Cement Mason $ 32.80

OVERTIME PAY
See (*B1, E2, **Q, ***V) on OVERTIME PAGE
* Applies to 9th and 10th hours on Saturday
** "Holidays" only for Building Construction
*** Additional $10.18 to be added to all Time and a Half hours paid

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following Percentage of Journeyworkers Wage.

1st Term	50%
2nd Term	60%
3rd Term	70%

Supplement Benefits per hour paid:

1st Term	$ 16.40
2nd Term	19.68
3rd Term	25.99

4-780

Mason - Building / Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
WAGES

NOTE: Shall include but not limited to Precast concrete slabs (London Walks)
Marble and Granite pavers 2'x 2' or larger.
Per Hour:

	07/01/2014
Stone Setter	$58.72
	plus $1.50*
Stone Tender	$40.54
	plus $1.50*

*Additional Amounts to be added to Wages and or Benifits.

SUPPLEMENTAL BENEFITS
Per Hour:

Stone Setter	$ 27.35
Stone Tender	17.45

OVERTIME PAY
See (*C, **E, Q) on OVERTIME PAGE
* On weekdays the eighth (8th) and ninth (9th) hours are time and one-half all work thereafter is paid at double the hourly rate.
** The first nine (9) hours on Saturday is paid at time and one-half all work thereafter is paid at double the hourly rate.

HOLIDAY
Paid: See (*18) on HOLIDAY PAGE
Overtime: See (5, 6, 10) on HOLIDAY PAGE
Paid: *Must work First 1/2.

REGISTERED APPRENTICES
Per Hour:

Stone Setter(800 hour) terms at the following Percentage of
Stone Setters wage rate per hour:

1st	2nd	3rd	4th	5th	6th
50%	60%	70%	80%	90%	100%

Supplemental Benefits:

All Apprentices $17.53

4-1Stn

Mason - Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
Per Hour: 07/01/2014

Pointer, Caulkers & Cleaners $47.41

SUPPLEMENTAL BENEFITS
Per Hour:

Pointer, Cleaners & Caulkers $ 24.60

OVERTIME PAY
See (B, E2, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:

One (1) year terms at the following wage rates.

1st	2nd	3rd	4th
$25.01	$27.25	$32.24	$38.66

Apprentices Supplemental Benefits:
(per hour paid)

$4.75	$9.70	$12.45	$12.45

4-1PCC

Operating Engineer - Building 02/01/2015

JOB DESCRIPTION Operating Engineer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Putnam, Queens, Richmond, Westchester

PARTIAL COUNTIES
Dutchess: that part of Dutchess County lying south of the North City Line of the City of Poughkeepsie.

WAGES
NOTE:Construction surveying
Party chief--One who directs a survey party
Instrument Man--One who runs the instrument and assists Party Chief.
Rodman--One who holds the rod and assists the Survey Crew

Wages:(Per Hour)	07/01/2014	07/01/2015
Building Constr:		
Party Chief	$57.27	
Instrument Man	$44.48	
Rodman	$28.71	
Steel Erection:		
		An additional
Party Chief	$58.50 plus $ 2.52*	$ 2.52*
Instrument Man	$45.53 plus 2.16*	$ 2.16*
Rodman	$30.43 plus 1.73*	$ 1.73*

Heavy Construction-NYC counties only:
Foundation, Excavation.

Party Chief	$62.61
Instument man	$46.00
Rodman	$38.61

* May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Classifications	$ 30.62
Premium*	
All Catergories	$ 42.74
Premium**	
All Classes	$ 54.84

*Apply to instances where 1-1/2 regular rate are paid
**Applies to instances where 2 times the regular rate are paid

OVERTIME PAY
See (A, B, E, Q) on OVERTIME PAGE
Code "A" applies to Building Construction and has double the rate after 7 hours on Saturdays.
Code "B" applies to Heavy Construction and Steel Erection and had double the rate after 8 hours on Saturdays.

HOLIDAY
Paid: See (5, 6, 8, 11, 12, 15, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 12, 25) on HOLIDAY PAGE

9-15Db

Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction **02/01/2015**

JOB DESCRIPTION Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
STEEL ERECTION:

Group 1: Derrick, travelers, tower, crawler tower & climbing cranes

Group 2: Oiler (Truck Crane)

Group 3: Oiler (Crawler Crane)

BUILDING CONSTRUCTION:

Group 1: Installing, repairing, maintaining, dismantling of all equipment including Steel cutting& bending machines, mechanical heaters, mine hoists, climbing cranes, tower cranes, Linden Peine, Lorain, Liebherr, Mannes and machines of a similar nature;Well Point system, Deep Well pumps, Concrete mixers with loading devices, Concrete plants, motor generators (When used for temporary power and lights(Driving maintenance trucks and mounted-welded machines)-All Pumps(excluding River Cofferdam Pumps and Well Point Pumps), Motorized Concrete Buggies(When three or more are on jobsite), Skid-Steer and similar machines

Group 2:Maintenance of: Pumps, Generators,Mixers,Heaters

Group 3: Oilers of all gasoline, electric, deisel or air operated Gradalls; Concrete Pumps, Overhead Cranes in Power Houses,Assist in oiling, greasing and repairing of all machines, including: Driving Truck Cranes, Driving and operating Fuel and Grease Trucks, Cherry Pickers(Hydraulic Cranes) over 70,000 GVW and machines of a similar nature

Group 4: Oiler on Crawler Cranes, Backhoes, Trenching Machines, Gunite Machines, Compressors(3 or more in battery)

Group 5: Maintenance on Radiant Mechanical Heaters

HEAVY CONSTRUCTION (Excavation, Foundations, etc)

Group 1:Maintenance of: Generators, Light Towers

Group 2:Maintenance of: Pumps, Mixers including mudsucking

Group 3: Base Mounted Tower Cranes

Group 4: Installing, repairing, maintaining, dismantling(of all equipment including Steel cutting & Bending machines, Fusion Coupling Machines, Vermeer Trenching machines, on-site crushing plant, mechanical heaters(1 through 7),Mine hoists, Tower Cranes, Linden Peine, Lorrain, Lebherr, Mannes or machines of a similar nature, Wellpoints)-Driving maintenance trucks and truck mounted welding machines, burning, welding-operating of accumilator for shield-driven tunnels, in addition to the performance of other duties:Handling,installation, jointing, coupling of all perminent steel and plastic pipe. RIDE UPON MOLES-tunnel boring machines-MICRO TUNNELING SYSTEMS, All temporary pipefitting;When three or more motorized concrete buggies(Ride type)are utilized on the jobsite they shall be serviced, maintained and repaired by the maintenance engineer.The Operating Engineer on autogrades(C.M.I.)is to be assisted by the maintenance engineer who shall in addition perform other duties.

WAGES: Per hour:	07/01/2014	07/01/2015
Steel Erection:		An additional
Group 1	$ 62.68 plus $2.52*	$2.52*
Group 2	59.06 plus $2.42*	$2.42*
Group 3	46.47 plus $2.06*	$2.06*

Building Construction:	
Group 1	$ 59.67
Group 2	47.73
Group 3	57.03
Group 4	43.94
Group 5	38.76

Heavy Construction:	
Group 1	$ 44.73
Group 2	45.74
Group 3	82.93
Group 4	64.60

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Classifications	$ 20.00* plus $6.40

* This portion of benefits subject to same premium as wages.

OVERTIME PAY
See (D, O) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages Per Hour:

(1) year terms at the following wage rates:

Apprentices:	1st	2nd	3rd	4th.
07/01/2014	$28.12	$33.74	$36.55	$39.36

Supplemental Benefits:
Per Hour:
All Apprentices: $ 8.75*
* This portion of benefits subject to same premium as wages.

9-15Ab

Operating Engineer - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Operating Engineer - Building / Heavy&Highway **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
EQUIPMENT COVERED: Jet-Rodder/Vacuum Truck, Flusher, Sewer Rodder, Stetco Hoist and similar, Sewer Winch/Tugger Hoist and similar, Vacall/Vactor, Closed Circuit Television Inspection Equipment, Chemical Grouting Equipment and similar, John Beame, Meyers and similar.

Per Hour:	07/01/2014
Maintenance Engineer (Sewer Systems)	$ 64.60

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
Journeyman	$ 20.00* plus $ 6.40

*This porion of benefits subject to same premium as wages.

OVERTIME PAY
See (D, O) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:

(1) year terms at the following wage rates.

1st	2nd	3rd	4th
$28.12	$33.74	$36.55	$39.36

Suppllemental Benefits:
Per Hour:

All Apprentices:	$ 8.75*plus an additional $ 6.40

* This portion of benefits subject to the same premium as overtime wages

9-15Sewer

Operating Engineer - Building & Steel Erection — 02/01/2015

JOB DESCRIPTION Operating Engineer - Building & Steel Erection **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:	07/01/2014
STEEL ERECTION:	
Three Drum Derricks	$ 82.66
Cranes,Two Drum Derricks, Hydraulic Cranes & Fork Lifts, Boom Trucks	$ 79.71
Compressors, Welding Machines, Bridge Inspection Machines, Moog and machines of a similar nature)	$ 50.24
Compressors(Not combined with welding machines)	$ 48.19
BUILDING CONSTRUCTION:	
Cranes, Stone Derrick, Boom Trucks, Hydraulic Cranes	$ 76.09
Double Drum	$ 72.18
4 Pole Hoists and Single Drum Hoists	$ 69.93
Fork Lifts,Plaster(Platform Machine)Plaster Bucket, Concrete Pumps and all other equipment used for hoisting	$ 64.17
House Cars and Rack & Pinion	$ 56.88
*House Cars (New Projects)	$ 46.66
Erecting and dismantling Cranes	$ 70.61

Compressors, Welding Machines(Cutting Concrete-Tank Work), Paint Spraying, Sand Blasting, Pumps(With the exclusion of concrete pumps), House Car (Settlement basis only), All Engines irrespective of power(Power-Vac)used to drive auxiliary equipment Air, Hydraulic,etc.,Boilers, Jacking System
$ 49.63

*APPLIES TO PROJECTS STARTED AFTER 07/01/2011.

APPLICABLE TO ALL CATEGORIES:
CRANES: Crawler Or Truck

	In Addition To Above Crane Rates
100' to 149' Boom	$ 1.75/hr
150' to 249' "	2.00/hr
250' to 349' "	2.25/hr
350' to 450' "	2.75/hr
Tower Crane	2.00/hr

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Operator Classes	$ 18.70* plus $ 5.45

* This portion of the benefits is subject to the same premium as shown for overtime wages.

OVERTIME PAY
See (*C, **D, O) on OVERTIME PAGE
*Applies to Building Construction category
**Applies to Steel Erection

HOLIDAY
Paid: See (5, 6, 7, 8, 11, 12, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 8, 11, 12, 16) on HOLIDAY PAGE
Codes 8 and 12 apply ONLY to Steel Erection
Code 16 applies ONLY to Building Construction

REGISTERED APPRENTICES
Wage Per Hour:

Apprentices (1) year terms at the following rates:

1st	2nd	3rd
$34.04	$40.97	$47.89

Supplemental Benefits Per Hour:

Straight Time	$ 8.70* plus $ 5.45

* This portion of benefits subject to the same premium as shown for overtime wages.

9-14 B&S

Operating Engineer - Heavy Construction — 02/01/2015

JOB DESCRIPTION Operating Engineer - Heavy Construction **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per Hour:
Group 1: Tower Crane/Climbing Crane

Group 2: Backhoes (Including all track and rubber tire backhoes over 37,000 lbs), Power Shovels, Steel Erection:Hydraulic Clam Shells,Moles and machines of a similar nature

Group 3: Mine Hoists, Cranes, etc, used as Mine Hoists

Group 4: Gradalls, Keystones, Cranes (With digging buckets), Bridge Cranes, Trenching Machines, Vermeer Cutter and machines of a similar nature

Group 5: Pile Drivers and Rigs (Employing Dock-Builders Foreman), Derrick Boats, Tunnel Shovels,

Group 6: All Drills and machines of a similar nature

Group 7: Back-Filling Machines and Cranes, Mucking Machines, Dual Drum Pavers

Group 8: Mixers (Concrete with loading attachment), Concrete Pavers, Cableways, Land Derricks, Power House (Low pressure units)

Group 9: Concrete Pumps, Concrete Plant, Stone Crushers, Double Drum Hoists, Power Houses (Other than above)

Group 10: Concrete Mixer

Group 11: Elevators

Group 12: Concrete Breaking Machines, Single Drum Hoists, Load Masters, Locomotives and Dinkies (Over 10 tons), Hydraulic Crane-Second Engineer

Group 13: On-Site Concrete Plant Engineers, On-Site Asphalt Plant Engineer and Vibratory Console

Group 14: Barrier Mover, Barrier Transport and machines of a similar nature

Group 15: Compressors (Portable, 3 or more), Truck Compressor (Engineer Driver), Tugger Machines, Well Point Pumps, Chum Drill

Group 16: Boilers(High pressure),Compressors, Pumps(River Cofferdam) and Welding Machines(except where arc is operated by another Operating Engineer) Push Button Machines, All Engines,irrespective of power(Power Pac) used to drive auxiliary equipment, Air, Hydraulic, etc.

Group 17: Utility-Horizontal Boring Rig

Group 18: Utility Compressors

Group 19: Paving-Asphalt Spreader, Autogrades (C.M.I.), Roto-Mill

Group 20: Paving-Asphalt Roller

Group 21 Paving-Asphalt Plant

Group 22: Roller (non paving, all sizes)

Group 23: Cherry Picker (Over 20 tons), Loader (Over 6 yards)

Group 24: Backhoes and Loaders (Up to 37,000lbs), Bulldozers, Scrapers, Turn-A-Pulls, Tugger Hoists, Tractors, Hysters, Rooustabout Cranes, Conveyers, Balast Regulators (Ride On), Track Removal Machine or similar, Motor Graders, Locomotives (10 tons and under),Curb & Gutter Pavers and machines of a similar nature

Group 25:Post Hole Digger,Ditch Winch, Road Finishing Machines, Rollers (5 tons and under, Dual Purpose Trucks,Forklifts, Dempsey Dumpsters, Fireman

Group 26: Oiler (Gradalls, Concrete Pumps, Cold Planers Grader)

Group 27: Oiler (Crawler Cranes, Backhoes, Trenching Machines, Compressors (3 or more in battery)

Group 28:Steam Equipment Operator (Water rigs, steam shovels, power boilers, derrick boats)

WAGES:(per hour)	07/01/2014
Group 1	$ 91.35
Group 2	76.45
Group 3	78.69
Group 4	76.98
Group 5	75.58
Group 6	72.80
Group 7	74.05
Group 8	72.11
Group 9	70.69
Group 10	67.88
Group 11	63.81
Group 12	65.09

Group 13	65.56
Group 14	59.43
Group 15	50.98
Group 16	47.79
Group 17	68.88
Group 18	47.53
Group 19	72.11
Group 20	70.39
Group 21	60.52
Group 22	70.39
Group 23	66.68
Group 24	64.87
Group 25	61.85
Group 26	58.85
Group 27	42.66
Group 28	61.85

Cranes: Crawler or Truck

100' to 149'	$0.50 per hour additional to above Crane Rates
150' to 249'	$0.75 per hour additional to above Crane Rates
250' to 349'	$1.00 per hour addiiional to above crane Rates
350' to 450'	$1.50 per hour additional to above crane Rates

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2014

Groups 1-22

Regular Time $ 18.70* plus $ 5.45

Groups 23-28

Regular Time $ 20.00* plus $6.40

* This portion of benefits subject to the same premium as shown for wages.

OVERTIME PAY

See (D, O) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES

Per Hour:

(1) year terms at the following wage rates:

	1st	2nd	3rd	
Groups 1-22	$34.04	$40.97	$47.89	
	1st	2nd	3rd	4th
Groups 23-28	$28.12	$33.74	$36.55	$39.36

Supplemental Benefits:

Per Hour:

Groups 1-22

Regular Time $ 8.70* plus $ 5.45

Groups 23-28

Regular Time $ 8.75* plus $6.40

* This portion of benefits is subject to the SAME PREMIUM as shown for overtime wages

9-14 HC

Operating Engineer - Marine Construction **02/01/2015**

JOB DESCRIPTION Operating Engineer - Marine Construction **DISTRICT** 4

ENTIRE COUNTIES

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

Per Hour:

DREDGING OPERATIONS	07/01/2014	10/01/2014
CLASS A		
Operator, Leverman, Lead Dredgeman	$ 34.73	$ 35.63
CLASS A1 Dozer,Front Loader Operator	To conform to Operating Engineer Prevailing Wage in locality where work is being performed including benefits.	
CLASS B		
Spider/Spill Barge Operator, Tug Operator(over1000hp), OperatorII, Fill Placer, Derrick Operator, Engineer, Chief Mate, Electrician, Chief Welder, Maintenance Engineer	$ 30.05	$ 30.81
Certified Welder, Boat Operator(licensed)	$ 28.30	$ 29.01
CLASS C		
Drag Barge Operator, Steward, Mate, Assistant Fill Placer,	$ 27.54	$ 28.22
Welder (please add)$ 0.06		
Boat Operator	$ 26.55	$ 27.30
CLASS D		
Shoreman, Deckhand, Rodman, Scowman, Cook, Messman, Porter/Janitor	$ 22.17	$ 22.68
Oiler(please add)$ 0.09		

SUPPLEMENTAL BENEFITS

Per Hour:

THE FOLLOWING SUPPLEMENTAL BENEFITS APPLY TO ALL CATEGORIES

	07/01/2014	10/01/2014
All Classes A & B	$ 9.42 plus 8% of straight time wage, Overtime hours add $ 0.63	$ 9.99 plus 8% of straight time wage, Overtime hours add $ 0.63
All Class C	$ 9.12 plus 8% of straight time wage, Overtime hours add $ 0.48	$ 9.69 plus 8% of straight time wage, Overtime hours add $ 0.48
All Class D	$ 8.82 plus 8% of straight time wage, Overtime hours add $ 0.33	$ 9.39 plus 8% of straight time wage, Overtime hours add $ 0.33

OVERTIME PAY

See (B, F, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 15, 26) on HOLIDAY PAGE

4-25a-MarConst

Operating Engineer - Survey Crew - Consulting Engineer **02/01/2015**

JOB DESCRIPTION Operating Engineer - Survey Crew - Consulting Engineer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
Dutchess: That part in Duchess County lying South of the North City line of Poughkeepsie.

WAGES
Feasibility and preliminary design surveying, any line and grade surveying for inspection or supervision of construction.

Per hour: Survey Classifications	07/01/2014	07/01/2015 Additional	07/01/2016 Additional
Party Chief	$35.55 + $1.06*	$1.63*	$2.24*
Instrument Man	29.41 + 0.94*	1.44*	1.98*
Rodman	25.54 + 0.86*	1.32*	1.82*

* To be allocated at a future date

SUPPLEMENTAL BENEFITS
Per Hour:

All Crew Members:	$17.90	$17.90	$17.90

OVERTIME PAY
OVERTIME:.... See (B, E*, Q, V) ON OVERTIME PAGE.
*Doubletime paid on the 9th hour on Saturday.

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

9-15dconsult

Painter 02/01/2015

JOB DESCRIPTION Painter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014
Brush	$ 43.75
Abatement/Removal of lead based or lead containing paint on materials to be repainted.	$ 43.75
Spray & Scaffold	$ 46.75
Fire Escape	$ 46.75
Decorator	$ 46.75
Paperhanger/Wall Coverer	$ 41.08

SUPPLEMENTAL BENEFITS

Per hour worked:	07/01/2014
Paperhanger	$ 29.33
All others	$ 20.97
Premium*	$ 23.47*

*Applies only to "All others" catergory,not paperhanger journeyman.

OVERTIME PAY
See (A, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Indentured after 5/31/93 (1) year terms at the following wage rate.
(per hour)

	07/01/2014
Appr 1st term...	$ 16.55
Appr 2nd term...	$ 21.66
Appr 3rd term...	$ 26.24
Appr 4th term...	$ 35.02

Spplemental benefis:
(per Hour worked)

Appr 1st term...	$ 10.23
Appr 2nd term...	$ 12.92
Appr 3rd term...	$ 15.20
Appr 4th term...	$ 19.70

8-NYDC9-B/S

Painter — 02/01/2015

JOB DESCRIPTION Painter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
Nassau: Atlantic Beach, Ceaderhurst, East Rockaway,Hewlett, Hewlett Bay, Hewlett Neck, Hewlett Park, Inwood, Lawrence, Lido Beach, Long Beach, parts of Lynbrook, parts of Oceanside, parts of Valley Stream, and Woodmere. Starting on South side of Sunrise Hwy in Valley Stream running east to Windsor and Rockaway Ave, Rockville is the boundary line up to Lawson Blvd, turning right going west all the above territory. Starting at Union Turnpike &Lakeville Rd going north to northern Blvd. the west side of Lakeville Rd to Northern Blvd. At Northern Blvd doing east the district north of Northern blvd to Port Washington blvd. West of Port Washington blvd to St.Francis Hospital then north of first traffic light to Port Washington & Sands Point, Manor Haven, & Harbour Acres.

WAGES

Per hour:	07/01/2014	12/31/2014	07/01/2015
Drywall Taper	$ 45.32	$ 45.82	$ 46.32

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	12/31/2014	07/01/2015
Journeyworker:	$ 23.03	$ 23.03	$ 23.03

OVERTIME PAY
See (A, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6, 8, 11, 18, 19, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

12 months' terms(year consists of 1500 hours).

	07/01/2014	12/31/2014	07/01/2015
1st year	$ 18.13	$ 18.33	$ 18.53
2nd year	$ 27.20	$ 27.50	$ 27.80
3rd year	$ 36.26	$ 36.66	$ 37.06

Supplemental Benefits per hour worked:

One (1) year term at the following dollar amount:

1st term	$ 10.25	$ 10.25	$ 10.25
2nd term	$ 16.43	$ 16.43	$ 16.43
3rd term	$ 19.25	$ 19.25	$ 19.25

8-NYC9-1974-DWT

Painter - Bridge & Structural Steel — 02/01/2015

JOB DESCRIPTION Painter - Bridge & Structural Steel **DISTRICT** 8

ENTIRE COUNTIES
Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES
Per Hour Worked:
STEEL:

Bridge Painting:	07/01/2014	10/01/2014
From May 1st to Nov. 15th -		
	$ 47.00	$ 48.75
	+ 5.38*	+ 5.63*
From Nov. 16th to April 30th -		
	$ 47.00	$ 48.75
	+ 5.38*	+ 5.63*

*Not subject to overtime and limited to first 40 hours
NOTE: All premium wages are to be calculated on $47.00 or $48.75 per hour only.

EXCEPTION: During the period of May 1st to November 15th, for the first and last week of employment on the project, and for the weeks of Memorial Day, Independence Day and Labor Day, this rate shall be paid for the actual number of hours worked.

Power Tool/Spray is an additional $6.00 per hour above hourly rate, whether straight time or overtime

NOTE: Generally, for Bridge Painting Contracts, ALL WORKERS on and off the bridge (including Flagmen) are to be paid Painter's Rate; the contract must be ONLY for Bridge Painting.

SUPPLEMENTAL BENEFITS
Per Hour Worked:

Journeyworker:	07/01/2014	10/01/2014
From May 1st to Nov. 15th -		
Hourly Rate up to 40 hours	$ 28.20	$ 28.95
Hourly Rate after 40 hours	7.50	7.50
From Nov. 16th to April 30th -		
Hourly Rate up to 50 hours	28.20	28.95
Hourly Rate after 50 hours	7.50	7.50

EXCEPTION: During the period of May 1st to November 15th, for the first and last week of employment on the project, and for the weeks of Memorial Day, Independence Day and Labor Day, this rate shall be paid for the actual number of hours worked.

OVERTIME PAY
See (A, F, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(Wage per hour Worked):

Apprentices: (1) year terms

	07/01/2014	10/01/2014
1st 90 days	$ 20.96	$ 21.76
1st year after 90 days	20.96	21.76
2nd year	31.43	32.63
3rd year	41.91	43.51

Supplemental Benefits per hour worked:

	07/01/2014	10/01/2014
1st 90 days	$ 8.29	$ 8.59
1st year after 90 days	8.54	8.84
2nd year	16.93	17.38
3rd year	22.57	26.17

8-DC-9/806/155-BrSS

Painter - Line Striping **02/01/2015**

JOB DESCRIPTION Painter - Line Striping **DISTRICT** 8

ENTIRE COUNTIES

Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES
Per hour:

Painter (Striping-Highway):	07/01/2014
Striping-Machine Operator*	$ 27.11
Linerman Thermoplastic	$ 32.37

Note: * Includes but is not limited to: Positioning of cones and directing of traffic using hand held devices. Excludes the Driver/Operator of equipment used in the maintenance and protection of traffic safety

Four (4), ten (10) hour days may be worked at straight time during a week.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014
Journeyworker:

Striping-Machine operator	$ 14.18
Linerman Thermoplastic	$ 14.55

OVERTIME PAY
See (B, E, E2, F, S) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 20) on HOLIDAY PAGE
Overtime: See (5, 8, 11, 12, 15, 16, 17, 20, 21, 22) on HOLIDAY PAGE

8-1456-LS

Painter - Metal Polisher — 02/01/2015

JOB DESCRIPTION Painter - Metal Polisher **DISTRICT** 8

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

	07/01/2014
Metal Polisher	$ 27.15
Metal Polisher**	28.24
Metal Poilsher***	30.65

**Note: Applies on New Construction & complete renovation
*** Note: Applies when working on scaffolds over 34 feet.

SUPPLEMENTAL BENEFITS
Per Hour: 07/01/2014

Journeyworker:
All classification $ 13.61

OVERTIME PAY
See (B, E, E2, P, T) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
One (1) year term at the following wage rates:

1st	2nd	3rd
$11.00	$12.50	$15.50

Supplentals benefits:
Per hour paid:

1st	2nd	3rd
$ 9.94	$10.31	$10.51

8-8A/28A-MP

Plasterer **02/01/2015**

JOB DESCRIPTION Plasterer **DISTRICT** 9

ENTIRE COUNTIES
Kings, Nassau, Queens, Suffolk

PARTIAL COUNTIES
New York: Includes work in all Islands in New York City, except Manhattan.

WAGES
Per hour:

	07/01/2014
Building:	
Plasterer/Traditional	$ 35.53

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyworker	$ 21.80

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:
(per hour)
(1) year terms at the following % Journeyworkers wage rate.

First year:	1st 6 months	2nd 6 months
	40%	45%
Second year:	1st 6 months	2nd 6 months
	55%	60%
Third year:	1st 6 months	2nd 6 months
	70%	75%

Supplemental Benefits:
(per hour paid):
(1) year term broken down into six month periods:
1st year:

1st six months	$ 8.37
2nd six months	9.35
3rd six months	11.35
4th six months	12.33
5th six months	14.33
6th six months	15.33

9-530-Z1

Plasterer **02/01/2015**

JOB DESCRIPTION Plasterer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, New York, Richmond

WAGES
Per hour:

	07/01/2014
Plasterer/Traditional	$ 35.53

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyworker	$ 25.19

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:
(per hour paid):

(1) year terms at the following percentage of Journeyworkers wage.

First year:	1st 6 months	2nd 6 months
	40%	45%
Second year:	1st 6 months	2nd 6 months
	55%	60%
Third year:	1st 6 months	2nd 6 months
	70%	75%

Supplemental Benefits:
(per hour paid):
(1) year term broken down into six months period:

First year:	
1st six months	$ 9.35
2nd six months	$ 10.58
Second year:	
1st six months	$ 12.58
2nd six months	$ 13.59
Third year:	
1st six months	$ 15.61
2nd six months	$ 16.64

9-530-Z2

Plumber — 02/01/2015

JOB DESCRIPTION Plumber **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour worked:

	07/01/2014	10/01/2014	01/01/2015	04/01/2015 An Additional
Plumber	$ 65.55	$ 65.55	$ 65.55	
Temporary Service**	52.52	52.52	52.52	
Repairs & Maintenance***	38.55	39.05	39.05	$ 0.75*

* To be allocated

** Temporary Service- Includes Maintenance of cooling & heating apparatus, maintenance work on pneumatic systems during the construction period, and work on temporary heat. All hours paid at straight time, including holidays.

***THERE ARE NO HELPERS UNDER THIS CLASSIFICATION; WHEN USING APPRENTICES, MUST FOLLOW RATIO FOR PLUMBERS

***Repair & Maintenance work is any repair and/or replacement of present plumbing system that does not change existing roughing or water supply lines.

On tower work, bridges, elevated highway, or buildings, where pipe is being installed, fifty (50) or more feet vertically in a free drop from its base,an additional $1.00 per hour.

SHIFT WORK:

Shift work,when directly specified in public agency or authority contract documents, and continues for a period of not less than ten (10) consecutive work days. A shift shall consist of seven(7) hours with one-half (1/2) hour for lunch after the first four (4) hours of each shift.
A premium of thirty percent (30%) for wages and supplemental benefits on shift work performed Monday through Friday on the 4 P.M.and midnight shifts.
For shift work performed on weekends the shift premium shall be fifty percent (50%) of wages and supplemental benefits.
For shift work performed on holidays designated below, double time wages and supplemental benefits shall be paid. Also noted that the normal workday Monday through Friday 8:00 A.M. to 3:00 P.M. is not considered shift work, and therefore not subject to shift premium.

SUPPLEMENTAL BENEFITS
Per hour worked:

	07/01/2014	10/01/2014	01/01/2015
Plumber	$ 25.50	$ 25.50	$ 26.80
Temporary Service	19.92	19.92	20.96
Repair & Maintenance	12.56	13.06	13.06

OVERTIME PAY
Plumber — See (C, O, V) on OVERTIME PAGE.
Repairs & Maintenance — See (B, H) on OVERTIME PAGE.

When calculating premium pay, subtract $ 0.28 from regular hourly wage rate.

HOLIDAY
Plumber
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE.
Repairs & Maintenance
Paid: See (1) on HOLIDAY PAGE.
Overtime: See (5, 6, 25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour:

(1/2) year terms at the following wage:

1st&2nd	3rd&4th	5th&6th	7th&8th	9th	10th
$ 14.28	$ 24.15	$ 26.25	$ 29.10	$ 30.50	$ 42.57

Supplemental Benefits per hour paid:
(1/2) year term at the following dollar amount:

1st	2nd	3rd-10th
$ .43	$ 2.68	$ 11.18

Note: The Repairs & Maintenance Category has NO Apprentices.

9-1

Roofer — 02/01/2015

JOB DESCRIPTION Roofer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Dutchess, Kings, New York, Orange, Putnam, Queens, Richmond, Rockland, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2014	07/01/2015
Roofer/Waterproofer	$ 40.70	An additional $ 1.50*

* May be allocated between wages and benefits
Note: Abatement/Removal of Asbestos containing roofs and roofing material is classified as Roofer.

SUPPLEMENTAL BENEFITS
Journeyworker $ 29.46

OVERTIME PAY
See (B, H) on OVERTIME PAGE
Note: An observed holiday that falls on a Sunday will be observed the following Monday.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following percentage of Journeyworkers hourly wage.

1st	2nd	3rd	4th
35%	50%	60%	75%

Supplements per hour paid at the following rates:

1st	2nd	3rd	4th
$ 2.70	$ 15.02	$ 17.90	$ 22.25

9-8R

Sheetmetal Worker **02/01/2015**

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
Per Hour: 07/01/2014
Sheetmetal Worker $ 50.67
Temporary Operation or Maintenace of Fans 40.42

SUPPLEMENTAL BENEFITS
Per Hour:
Sheetmetal Worker $ 39.91
Maintenance Worker 39.91

OVERTIME PAY
See (A, E, E2, Q, V) on OVERTIME PAGE
For Maintenance See Codes B,E, Q & V

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:Wages

Six(6) Month Terms As Follows:

1st Term	$ 14.35
2nd Term	17.72
3rd Term	22.12
4th Term	24.89
5th Term	26.24
6th Term	28.45
7th Term	34.53
8th Term	37.23
9th Term	40.34

Per Hour: Supplemental Benifits

1st Term	$ 5.50
2nd Term	14.80
3rd Term	21.51
4th Term	23.31
5th Term	24.94
6th Term	27.04
7th Term	30.60
8th Term	31.77
9th Term	32.94

4-28

Sheetmetal Worker **02/01/2015**

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per Hour:	07/01/2014	08/01/2014
Sign Erector	$ 44.20	$ 45.60

NOTE: Overhead Highway Signs and Structurally Supported Signs(See IRON WORKER CLASS)

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	08/01/2014
Sign Erector	$ 38.22	$ 40.25

OVERTIME PAY
See (A, F, S) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:
6 month Terms at the following percentage of Sign Erectors wage rate:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
35%	40%	45%	50%	55%	60%	65%	70%	75%	80%

SUPPLEMENTAL BENEFITS
Per Hour:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
$11.08	$12.55	$14.04	$15.51	$21.93	$23.86	$26.46	$28.45	$30.42	$32.40

4-137-SE

Steamfitter — 02/01/2015

JOB DESCRIPTION Steamfitter **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Steam/Sprinkler Fitter	$ 58.81
Temporary Heat & AC	$ 44.71

NOTE: Add 30% to Hourly Wage for "Contracting Agency" Mandated Off Shift Work.

SUPPLEMENTAL BENEFITS
Per Hour:

Steam/Sprinkler Fitter	$ 45.67
Temporary Heat & AC	$ 37.26

OVERTIME PAY
See (C, *D, O, V) on OVERTIME PAGE
(*D) On all HVAC and Mechanical contracts that do not excedd $15,000,000. and on all fire protection/sprinklet contracts that do not exceed $1,500,000.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
1 year Terms at the Following:

WAGES per hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
$ 23.56	$ 29.44	$ 38.25	$ 47.06	$ 50.00

SUPPLEMENTAL BENEFIT
Per Hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
$ 18.79	$ 23.29	$ 29.99	$ 36.71	$ 38.95

4-638A-StmSpFtr

Steamfitter — 02/01/2015

JOB DESCRIPTION Steamfitter **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014	01/01/2015 Additional
AC Service/Heat Service Steamfitter Maintenance	$ 38.30	$ 0.75*

Refrigeration, A/C, Oil Burner and Stoker Service and Repair.
Refrigeration Compressor installation up to 5hp (combined).
Air Condition / Heating Compressor installation up to 10hp (combined).

(*)To be allocated at a later date

SUPPLEMENTAL BENEFITS
Per Hour

AC Service/Heat Service Steamfitter Maintenance	$ 9.70

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 25, 26) on HOLIDAY PAGE

4-638B-StmFtrRef

Teamster - Heavy Construction — 02/01/2015

JOB DESCRIPTION Teamster - Heavy Construction **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per Hour:

Dump Trucks/Drivers (Debris Removal, Street Level and below)

	07/01/2014
Dump Trucks	$ 38.855
Tractor Trailers	$ 38.875
Euclid/Turnapull	$ 39.44

SUPPLEMENTAL BENEFITS
Per Hour:

Dump Trucks	
Up to 40 Hours Worked	$ 40.84
Over 40 Hours Worked	$ 14.90
ALL OTHERS	
uUp to 40 Hours Worked	$ 41.70

Over 40 Hours Worked $ 14.50

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE
Note: Employees receive 2 hours of Holiday Pay for each day worked in holiday week (not to exceed 8 hours)

4-282

Welder **02/01/2015**

JOB DESCRIPTION Welder **DISTRICT** 1

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES
Per hour 07/01/2014

Welder (To be paid the same rate of the mechanic performing the work)

OVERTIME PAY

HOLIDAY

1-As Per Trade

Queens County General Construction

Asbestos Worker — 02/01/2015

JOB DESCRIPTION Asbestos Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014	12/01/2014 Additional
Abestos Worker Removal & Abatement Only*	$ 47.00	$ 0.50**

NOTE: *On Mechanical Systems that are NOT to be SCRAPPED. To be allocated to (**) To be allocated at a later date

SUPPLEMENTAL BENEFITS

Per Hour:	
Abestos Worker Removal & Abatement Only	$ 4.70

OVERTIME PAY
See (B, B2, *E, J) on OVERTIME PAGE
Hours worked on Saturdays are paid at time and one half only if forty hours have been worked during the week.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
Apprentice Removal & Abatement Only:
1000 hour terms at the following percentage of Journeyman's rates.

1st	2nd	3rd	4th
78%	80%	83%	89%

SUPPLEMENTAL BENEFIT

Per Hour:	
Apprentice Removal & Abatement	$ 4.70

4-12a - Removal Only

Boilermaker — 02/01/2015

JOB DESCRIPTION Boilermaker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2014	01/01/2015
Boilermaker	$ 50.45	$ 51.56
Repairs & Renovations	$ 50.45	$ 51.56

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	01/01/2015
Boilermaker	32% of hourly	32% of hourly
Repairs & Renovations	Wage Paid + $25.16	Wage Paid + $25.19

NOTE: "Hourly Wage Paid" shall include any and all premium(s) pay.

Repairs & Renovation Includes replacement of parts and repairs & renovation of existing unit.

OVERTIME PAY
OVERTIME PAY
See (D, O) on OVERTIME PAGE
HOLIDAY
Paid: See (8, 16, 23, 24) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 12, 15, 25) on HOLIDAY PAGE
NOTE: *Employee must work in pay week to receive Holiday Pay.
**Boilermarker gets 4 times the hourly wage rate for working on Labor Day.
***Repairs & Renovation see (B,E,Q) on HOLIDAY PAGE

HOLIDAY

REGISTERED APPRENTICES
Wage per hour:
(1/2) Year Terms at the following pecentage of Boilermaker's Wage

1st	2nd	3rd	4th	5th	6th	7th	8th
65%	65%	70%	75%	80%	85%	90%	95%

Supplemental Benefits Per Hour:

Apprentice(s)	07/01/2014 32% of Hourly Wage Paid plus amount below	01/01/2015 32% of Hourly Wage Paid Plus Amount Below
1st Term	$ 19.25	$ 19.27
2nd Term	20.10	20.11
3rd Term	20.94	20.95
4th Term	21.78	21.80
5th Term	22.62	22.65
6th Term	23.47	23.49
7th Term	24.31	24.33

NOTE: "Hourly Wage Paid" shall include any and all premium(s)

4-5

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester

PARTIAL COUNTIES
Orange: South of but including the following, Waterloo Mills, Slate Hill, New Hampton, Goshen, Blooming Grove, Mountainville, east to the Hudson River.
Putnam: South of but including the following, Cold Spring, TompkinsCorner, Mahopac, Croton Falls, east to Connecticut border.
Suffolk: West of Port Jefferson and Patchogue Road to Route 112 to the Atlantic Ocean.

WAGES

Per hour:	07/01/2014	10/17/2014
Core Drilling:		
Driller	$ 35.71	$ 36.82
Driller Helper	$ 28.60	$ 29.44
Additional Helpers: One (1) year increments. This is not an apprenticeship for Driller:		
Helper 1st year	$ 20.02	$ 20.61
Helper 2nd year	22.88	23.55
Helper 3rd year	25.74	26.50
Helper 4th year	28.60	29.44

Note: Hazardous Waste Pay Differential:
For Level C, an additional 10% above wage rate per hour
For Level B, an additional 10% above wage rate per hour
For Level A, an additional 10% above wage rate per hour
Note: When required to work on water: an additional $ 0.50 per hour.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014	10/17/2014
Driller and All Helpers	$21.69	$ 22.79

OVERTIME PAY
OVERTIME: See (B,E,K*,P,R**) on OVERTIME PAGE.

HOLIDAY
Paid: See (5,6) on HOLIDAY PAGE.
Overtime: * See (5,6) on HOLIDAY PAGE.
** See (8,10,11,13) on HOLIDAY PAGE.

8-1536-CoreDriller

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per Hour:

	07/01/2014
Timberman	$ 44.33

SUPPLEMENTAL BENEFITS
Per Hour:

	07/01/2014
	$ 45.36

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour:
(1) year terms:

1st	2nd	3rd	4th
$17.73	$22.16	$28.81	$35.46

Supplemental benefits per hour:
$ 30.86

8-1556 Tm

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Building
Millwright $ 48.44

SUPPLEMENTAL BENEFITS
Per hour paid:

Millwright $ 50.49

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19)* on HOLIDAY PAGE.

Overtime See (5,6,8,11,13,18,19,25) on HOLIDAY PAGE.

* must show up to work

REGISTERED APPRENTICES

Wages per hour is Pecentage of Journeyworkers wage:

(1) year terms:

1st.	2nd.	3rd.	4th.
$26.64	$31.49	$36.33	$46.02

Supplemental benefits per hour paid:

(1) year terms:

1st.	2nd.	3rd.	4th.
$32.81	$36.15	$40.63	$46.21

8-740.1

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per Hour: 07/01/2014

Marine Construction:

Marine Diver	$ 61.30
Marine Tender	43.45

SUPPLEMENTAL BENEFITS
Per Hour Paid:

Journeyman	$ 46.09

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18, 19) on HOLIDAY PAGE
Overtime: See (5, 6, 10, 11, 13, 16, 18, 19) on HOLIDAY PAGE

8-1456MC

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Carpet/Resilient Floor Coverer	$ 49.88

INCLUDES HANDLING & INSTALLATION OF ARTIFICIAL TURF AND SIMILAR TURF INDOORS/OUTDOORS.

SUPPLEMENTAL BENEFITS
Per hour paid:

Floor Coverer	$ 44.07

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18, 19)on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wage per hour is Pecentage of Journeyworkers Wage

(1) year terms:

1st.	2nd.	3rd.	4th.
$19.95	$24.94	$32.42	$39.90

Supplemental benefits per hour:

$ 30.22

8-2287

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Piledriver	$ 48.35
Dockbuilder	$ 48.35

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker	$ 46.09

OVERTIME PAY
See (B, E2, O) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19)on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour
(1)year terms:

1st	2nd	3rd	4th
$19.34	$24.17	$31.43	$38.68

Supplemental benefits per hour:

Apprentices	$ 31.23

8-1556 Db

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Putnam, Queens, Richmond

PARTIAL COUNTIES
Nassau: That portion of the county that lies west of Seaford Creekand south of the Southern State Parkway.

WAGES
Per hour: 07/01/2014

Show Exibit/
Carpenter $ 48.38

SUPPLEMENTAL BENEFITS
Per hour paid:

Show Exibit/

Carpenter $ 42.67

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid:for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour is Pecentage of Journeyworkers Wage

(1) year terms:

1st.	2nd.	3rd.	4th.
$19.35	$24.19	$31.45	$38.70

Supplemental benefits per hour:
Apprentices $ 29.52

8-EXHIB

Carpenter - Building 02/01/2015

JOB DESCRIPTION Carpenter - Building **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
Nassau: Work preformed south of the Southern State Parkway and west of the Seaford Creek.

WAGES
Per hour: 07/01/2014

Building:
Carpenter $49.88

SUPPLEMENTAL BENEFITS
Per hour paid:

Building:
Carpenter $ 44.07

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wage per hour:

(1) year terms:

	1st	2nd	3rd	4th
Building	$19.95	$24.94	$32.42	$39.90

Supplemental benefits per hour for all Apprentices:

Building $ 30.22

8-NYC Bldg.

Carpenter - Heavy&Highway 02/01/2015

JOB DESCRIPTION Carpenter - Heavy&Highway **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014
Heavy&Highway Carpenter	$ 48.35

SUPPLEMENTAL BENEFITS
Per hour paid:

Heavy & H/way Carpenter	$ 46.09

OVERTIME PAY
See (B, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid:	See (18, 19) on HOLIDAY PAGE
Paid : for 1st & 2nd yr Apprentices	See(5,6,11,13,16,18,19,25)
Overtime:	See(5,6,11,13,16,18,19,25) on holiday Page

REGISTERED APPRENTICES
Wage per hour:
(1) year terms:

	1st	2nd	3rd	4th
Heavy & Highway	$19.34	$24.17	$31.43	$38.68

Supplemental Benefits:
Per Hour paid

All Apprentices	$31.23

8-NYC H/H

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	06/01/2015
Tree Trimmer	$ 27.20	$ 27.88
Ground Person	$ 17.98	18.43

Applies to line clearance, tree work, and right-of-way preparation on all new or existing overhead, electrical, telephone, and CATV lines.

SUPPLEMENTAL BENEFITS
Per hour paid:

Tree Trimmer	$ 10.19	$ 10.44
Ground Person	$ 6.73	6.90

Note: *Plus paid vacation & 4 days sick leave. Vacation based on continous service as follows:

* 40 hours after 1 year
* 80 hours after 2 years
* 120 hours after 5 years
* 160 hours after 15 years

Note: Employee must work atleast 1800 hours in employee's anniversary year . An employee who workes 900 in the employee anniversary year but did not actually worked 1800 hours during that period shall be entitled to a pro rata share of vacation on the basis of 900 hours or more actually worded as a percentage based on 1800 hours.

OVERTIME PAY
See (B, *H, Q) on OVERTIME PAGE

*Worked performed on Sundays & Holidys outside of 7.00am - 4.00pm shall be paid at double time, in addition to the holiday pay if applicable.

HOLIDAY
HOLIDAY:
Paid: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

(An additional floating holiday after four years' service)

Overtime: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

9-3T

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	05/13/2015
Electrician		
H - Telephone	$ 27.00	$ 27.50

Maintenance and Jobbing-Electrical work of limited duration and scope, consisting of repairs and/or replacement of electrical and teledata equipment.

- Includes all work necessary to retrofit, service, maintain and repair all kinds of lighting fixtures and local lighting controls and washing and cleaning of foregoing fixtures.

SUPPLEMENTAL BENEFITS

Journeyworker	$ 20.32	$ 20.82
	22.01*	22.54*

* Applies to overtime hours

OVERTIME PAY
See (B, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3m

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond, Westchester

WAGES

Per hour Paid:	07/01/2014
Service Technician	$ 28.89

Service and Maintenance on Alarm and Security Systems.

Maintenance, repair and /or replacement of defective (or damaged) equipment on, but not limited to, Burglar - Fire - Security - CCTV - Card Access - Life Safety Systems and associated devices. (Whether by service contract of T&M by customer request.)

SUPPLEMENTAL BENEFITS
Per hour:
Journeyworker: $ 11.19
+ $12.00 per day

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3H

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:	07/01/2014	05/14/2015
Electrician and Audio/Sound	$53.00	$54.00

SUPPLEMENTAL BENEFITS

Per Hour:		
Journey Worker	$47.54	$50.03
	50.86*	53.41*
Journey Worker Temporary Light/Power	$23.62	$24.39
	26.45*	27.27*

* Applies when premium wages are paid.

Temporary Light and Power benefit rate applies for three or less workers.

Reduce benefit rate by 6.2% for any employee who has accumulated wages of $113,700 for the same employer.

OVERTIME PAY
See (A, H) on OVERTIME PAGE
See (B) for Temporary Light and Power

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages Per Hour:

One (1) year terms - Apprentices registered before 05/10/2007.

Fifth term/MIJ:		
1-18 mos	$ 26.30	$ 26.80

One (1) year terms - Apprentices registered after 05/10/2007.

First term:	07/01/2014	05/14/2015
0-6 mos.	$ 12.50	$ 13.00
7-12 mos.	13.50	14.00
Second term:		
0-6 mos.	$ 14.50	$ 15.00
7-12 mos.	15.50	16.00
Third term:		
0-6 mos.	$ 16.50	$ 17.00
7-12 mos.	17.50	18.00
Fourth term:		
0-6 mos.	$ 18.50	$ 19.00
7-12 mos.	20.50	21.00
Fifth term/MIJ:		
0-12 mos.	$ 22.50	$ 23.00
13-18 mos.	22.50	23.00

Supplemental Benefits per hour:

One (1) year terms - Apprentices registered prior to 05/10/2007.
Fifth term/MIJ:

	07/01/2014	05/10/2015
1-18 mos	$ 19.96	$ 20.47
	21.61*	22.15*

One (1) year terms - Apprentices registered after 05/10/2007:

	07/01/2014		05/14/2015	
First Term	Regular	Overtime	Regular	Overtime
0-6 mos.	$11.10	$11.93	$11.61	$12.47
7-12 mos.	11.62	12.51	12.12	13.05
Second Term				
0-6 mos.	$12.13	$13.08	$12.63	$13.62
7-12 mos.	12.64	13.66	13.14	14.19
Third Term				
0-6 mos.	$13.15	$14.23	$13.65	$14.77
7-12 mos.	13.65	14.81	14.16	15.34
Fourth Term				
0-6 mos.	$14.16	$15.38	$14.67	$15.92
7-12 mos.	15.18	16.53	15.68	17.07
Fifth Term/MIJ				
1-12 mos.	$18.06	$19.46	$18.56	$20.00
13-18 mos				

9-3

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	05/20/2015
Electro pole Electrician	$ 53.00	$ 54.00
Electro pole Foundation Installer	40.18	40.93
Electro Pole Maintainer	34.40	35.05

SUPPLEMENTAL BENEFITS
Per Hour:

	07/01/2014	05/20/2015
Electro pole Electrcian	$ 49.34	$51.86
	52.66*	55.25*
Electro pole Foundation Installer	37.73	39.46
	40.25*	42.02*
Electro pole Maintainer	34.00	35.51
	36.15*	37.71*

* Applies when premium wages are paid
Note:Reduce benefit rate by 6.2% for any employee who has accumulated wages in $113,700 for the same employer.

OVERTIME PAY
See (A, *B, **E4, F, K) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3J

Electrician Lineman — 02/01/2015

JOB DESCRIPTION Electrician Lineman **DISTRICT** 4

ENTIRE COUNTIES
Nassau, Queens, Suffolk

WAGES
For Utility Distribution & Transmission Line Construction:

Per Hour:	07/01/2014	03/29/2015
Lineman/Splicer	$ 49.52	$ 50.76
Material Man	43.08	44.16
Heavy Equip. Operator	39.62	40.61
Groundman	29.71	30.46
Flagman	22.28	22.84

For Natural Gasline Construction:

Per Hour:	07/01/2014	06/01/2015
Journeyman U.G.Mech.	$ 41.45	$ 42.69

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Thursday.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per Hour:
Utility Distribution & Transmission Line Construction:

	07/01/2014	03/29/2015
All Classifications	30.75% of Hourly Wage Paid + $ 10.56	30.75% of Hourly Wage Paid + $ 11.36

NOTE: "Hourly Wage Paid" shall include any and all premium(s) pay

Natural Gasline Construction:

Per Hour:	07/01/2014	06/01/2015
Journeyman U.G.Mech.	$ 20.51	$ 21.75

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE
OVERTIME for Natural Gas Mechanic:(B,G,P)

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 16, 23, 25, 26) on HOLIDAY PAGE
Same as Above for natural Gas Mechanic.

REGISTERED APPRENTICES
1000 hour Terms at the following Percentage of Journeyman's Wage.

1st	2nd	3rd	4th	5th	6th	7th
60%	65%	70%	75%	80%	85%	90%

SUPPLEMENTAL BENEFIT:	07/01/2014	03/29/2015
All Terms	30.75% of Hourly Wage Paid + $ 10.56	30.75% of Hourly Wage Paid + $ 11.36
Natural Gasline Construction:		
	07/01/2014	06/01/2015
Natural Gas Mechanic:	$ 20.51	$ 21.75

4-1049 Line/Gas

Elevator Constructor — 02/01/2015

JOB DESCRIPTION Elevator Constructor **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

PARTIAL COUNTIES
Rockland: Entire County except for the Township of Stony Point

Westchester: Entire County except for the Townships of Bedford, Lewisboro, Cortland, Mt. Kisco, North Salem, Pound Ridge, Somers and Yorktown.

WAGES
Per hour:

	07/01/2014	03/17/2015
Elevator Constructor	$ 58.23	$ 59.55
Modernization & Service/Repair	46.00	46.92

SUPPLEMENTAL BENEFITS
Per Hour:

Elevator Constructor	$ 29.745	$ 31.045
Modernization & Service/Repair	29.595	31.195

OVERTIME PAY
Constructor. See (D, M, T) on OVERTIME PAGE.

Modern./Service See (B, F, S) on OVERTIME PAGE.

HOLIDAY
Paid: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES PER HOUR:
*Note:1st Term is based on Average wage of Constructor & Modernization.
Terms 2 thru 4 Based on Journeymans wage of classification Working in.

1 YEAR TERMS:

1st Term*	2nd Term	3rd Term	4th Term
50%	55%	65%	75%

SUPPLEMENTAL BENEFITS

Elevator Constructor		
1st Term	$ 25.745	$ 27.220
2nd Term	26.145	27.635
3rd Term	26.945	28.455
4th Term	27.745	29.285
Modernization & Service/Repair		
1st Term	$ 25.67	$ 27.145
2nd Term	26.065	27.550
3rd Term	26.845	28.36
4th Term	27.635	29.17

4-1

Glazier **02/01/2015**

JOB DESCRIPTION Glazier **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES
Per hour:

	07/01/2014	11/01/2014	05/01/2015
Glazier	$ 51.00*	$ 51.35*	Additional $ 1.50**
Scaffolding	$ 52.00*	$ 52.35*	Additional $ 1.50**

Scafolding includes swing scaffold, mechanical equipment, scissor jacks, man lifts, booms & buckets 24' or more, but not pipe scaffolding.

Repair & Maintenance	$ 26.70*	$ 26.70*	Additional

$ 0.60**

Repair & Maintenance- All repair & maintenance work on a particular building,whenever performed, where the total cumulative contract value is under $100,000.00.

*Additional $ .10 per hour for all regular hours worked
**To be allocated at a later date.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014	11/01/2014	05/01/2015
Journeyworker	$ 26.69	$ 27.19	$ 27.19
Repair & Maintenance	16.14	16.14	16.14

OVERTIME PAY

OVERTIME: Premium is applied to the respective base wage only.
See (C*,D* E2, O) on OVERTIME PAGE.

* If an optional 8th hour is required to complete the entire project, the same shall be paid at the regular rate of pay. If a 9th hour is worked, then both hours or more (8th & 9th or more) will be paid at double time rate of pay.

For Repair & Maintenance see (B, F, P) on overtime page.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6, 16, 25) on HOLIDAY PAGE
Paid for the Repair & Maintenance (5, 6, 16 & 25)

REGISTERED APPRENTICES

Wage per hour:
(1) year terms at the following wage rates:

	07/01/2014	11/01/2014	05/01/2014
1st term	$ 17.05	$ 17.25	$ 17.25
2nd term	25.24	25.24	25.24
3rd term	30.40	30.81	30.81
4th term	40.75	41.27	41.27

Supplemental Benefits:
(Per hour worked)

1st term	$ 13.17	$ 13.32	$ 13.32
2nd term	22.45	22.45	22.45
3rd term	24.95	25.30	25.30
4th term	30.07	30.22	30.22

8-1281 (DC9 NYC)

Insulator - Heat & Frost — 02/01/2015

JOB DESCRIPTION Insulator - Heat & Frost **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour: 07/01/2014

Insulators Heat & Frost $ 63.68

SUPPLEMENTAL BENEFITS

Per Hour:

Insulators Heat & Frost $ 30.44

OVERTIME PAY

See (A, D, O, V) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:

1 year terms at the following wage rate.

1st	2nd	3rd	4th
$25.47	$38.21	$44.59	$50.94

Supplemental Benefits per hour:

Apprentice Insulator(s)

1st	2nd	3rd	4th
$12.80	$18.26	$21.30	$24.35

4-12

Ironworker 02/01/2015

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
Rockland: Southern section - south of Convent Road and east of Blue Hills Road.

WAGES

Per hour:	07/01/2014	07/01/2015
Reinforcing & Metal Lathing	$ 52.03	Additional $ 2.00*

*To be allocated

SUPPLEMENTAL BENEFITS
Per hour paid:

Reinforcing & Metal Lathing	$ 31.55

OVERTIME PAY
See (B, B1, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 18, 19, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following wage rates:
Wages Per Hour:

Apprentices Registered BEFORE 6/29/2011

1st term	2nd term	3rd term
$ 28.11	$ 32.71	$ 37.77

Apprentices Registered ON or AFTER 6/29/2011

17.71	22.81	27.91

SUPPLEMENTAL BENIFITS
Per Hour:

Apprentices Registered BEFORE 6/29/2011

1st term	2nd term	3rd term
$ 23.02	$ 24.67	$ 25.82

Apprentices Registered On or AFTER 6/29/2011

20.08	20.08	20.08

4-46Reinf

Ironworker **02/01/2015**

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Ornamental	$ 44.95
Chain Link Fence	44.95
Guide Rail Installation	44.95

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker:	$ 43.71

OVERTIME PAY
OVERTIME: See (A*,D1,E**,Q,V) on OVERTIME PAGE.

*Time and one-half shall be paid for all work in excess of seven (7) hours at the end of a work day to a maximum of two (2) hours on any regular work day (8th & 9th hours of work) and double time shall be paid for all work thereafter.
**Time and one-half shall be paid for all work on Saturday up to seven (7) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
1st term represents first 1-10 months, thereafter (1/2) year terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th	5th
50%	55%	60%	70%	80%

Supplemental Benefits per hour paid:

1st Term	$ 34.02
2nd Term	34.98
3rd Term	35.95
4th Term	37.90
5th Term	39.65

4-580-Or

Ironworker **02/01/2015**

JOB DESCRIPTION Ironworker **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per Hour: 07/01/2014

IRONWORKER:

Ironworker Rigger	$ 53.25
Ironworker Stone Derrickman	$ 53.25

SUPPLEMENTAL BENEFITS
Ironworker: $ 37.13

OVERTIME PAY
See (*A, D1, **E, Q, V) on OVERTIME PAGE
*Time and one-half shall be paid for all work in excess of seven (7) hours at the end of a work day to a maximum of two hours on any regular work day (the eighth (8th) and ninth (9) hours of work) and double time shall be paid for all work thereafter.

**Time and one-half shall be paid for all work on Saturday up to seven (7) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 10, *24, 25) on HOLIDAY PAGE
*Work stops at schedule lunch break with full day's pay.

REGISTERED APPRENTICES
Wage per hour:

(1/2) year terms at the following hourly wage rate:

	1st	2nd	3rd	4th	5th	6th
07/01/2014	$26.38	$26.38	$39.73	$42.13	$45.56	$45.56

Supplemental benefits

Per hour paid:

1st & 2nd terms	$18.82
3rd & 4th terms	$27.86
5th & 6th terms	$27.84

9-197D/R

Ironworker — 02/01/2015

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
PER HOUR:

	07/01/2014
Ironworker:	
Structural	$47.25
Bridges	
Machinery	

SUPPLEMENTAL BENEFITS
PER HOUR:

Journeyman	$65.20

OVERTIME PAY
See (B*,E**,Q,V) on OVERTIME PAGE.

* Time and one-half shall be paid for all work in excess of (8) eight hours at the end of a work day to a maximum of two hours on any regular work day (the ninth (9th) and tenth (10th) hours of work)and double time shall be paid for all work thereafter.

** Time and one-half shall be paid for all work on Saturday up to eight (8) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 18, 19) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES PER HOUR:

6 month terms at the following rate:

1st	$ 24.73
2nd	25.33
3rd - 6th	25.93

Supplemental Benefits
PER HOUR:

All Terms	45.84

4-40/361-Str

Laborer — 02/01/2015

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

GROUP 14: Blasters.

GROUP 16: Tunnel workers *
* (including Miners, Drill Runners, Iron Men, Maintenance Men, Conveyor Men, Safety Miners, Riggers, Block Layers, Cement Finishers, Rod Men, Caulkers, Powder Carriers, Miners' Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Derail Men, Form Men, Bottom Bell, Top Bell or Signal men, Form Workers, Movers, Concrete Workers, Shaft Men, Tunnel Laborers and Caulkers' Helpers).

GROUP 17**: All others including: Powder Watchmen, Top Laborers and Changehouse Attendants.

Wages: (per hour)	07/01/2014
Laborer (Tunnel)-FREE AIR:	
Group 14	$ 56.89
Group 16	$ 54.43
Group 17**	$ 50.30
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway & Vehicular Tunnels	80% of rates above

**An additional $3.00 per day when using an air spade, jack hammer or pavement breaker.

Note: For jobs bid before July 1, 2010 employer shall pay $6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be $10.00 per day.

SUPPLEMENTAL BENEFITS
Per hour paid:

GROUP 14	$ 40.86**
GROUP 16	$ 39.12**
GROUP 17	$ 36.19**
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway& Vehicular Tunnels	80% of rates above

** Add additional $ 0.16 to benefits for each each overtime hour paid.

OVERTIME PAY
OVERTIME: For Laborer (Free Air) See (D, M, R*) on OVERTIME PAGE.
For Repair Categories & Micro Tunneling See (B, F, R*) on OVERTIME PAGE.
* Straight time first 8 hours, double time after 8 hours.

HOLIDAY
Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Free

Laborer **02/01/2015**

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Laborer/Excavation:	
**Asbestos and Lead Abatement & Removal,Hazardous Waste Removal (including soil)	$ 39.85
Basic	39.85
Flagman	39.85
Pipelayer	39.85
*Tree Work, *Landscape	39.85

*Includes trimming, cutting, planting and/or removal of trees.
** Applies to Heavy & Highway projects

SUPPLEMENTAL BENEFITS

Per hour paid:	
Journeyworker	$ 34.88

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE
++ Except for Independence Day, holidays which fall on a Saturday will not be observed on the preceding Friday.When an observed holiday falls on a Saturday,work done shall be paid at double time.

HOLIDAY
Paid: See (2, 20) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 13) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

1000 hour terms at the following hourly wage rate.

		07/01/2014
1st	0-1000	$ 19.93
2nd	1001-2000	$ 23.91
3rd	2001-3000	$ 29.89
4th	3001-4000	$ 35.87

Supplemental Benefits per hour paid:

All Apprentices	$ 34.88

9-731Ex

Laborer 02/01/2015

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Laborer:	
Laborer-Concrete (including flag person)	$ 41.48

SUPPLEMENTAL BENEFITS

Per Hour Worked	
	$ 26.17

OVERTIME PAY
OVERTIME: See (A,E,Q) on OVERTIME PAGE attached.
See (B,E,Q,) for work below street level to top of foundation.

For Work done on Saturdays add an additional $2.75 per hour to Supp. Benefits.
For work done on Sundays & Holidays add an additional $5.50 per hour to Supp. Benefits.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
Terms at the following percentage of Journeyworkers wage.

Term:	1st	2nd	3rd
Hours:	0-500	501-2000	2001-4000
	50%	65%	80%

Supplemental Benefits:
(Per Hour Worked)

0-500 hrs	501-1000 hrs	1001-2000 hrs	2001-4000 hrs
$15.29+ $2.75*	$15.29+ $3.58*	$20.67+ $3.58*	$20.67+ $4.40*

*This mount subject to same premium as wages
NB Journeyman rate applies after 4000 hours

9-6A/18A/20-C

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Building:	
Plasterer Tender and Spray Fireproofing.	$ 37.00** plus $1.10*

* May be allocated between wages and benefits
** To calculate premium wage, subtract $2.00 from hourly wage

SUPPLEMENTAL BENEFITS
Per hour paid:
Journeyworker $ 23.74

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

1000 hours terms at the following wage.

	1st	2nd	3rd	4th
07/01/2014	$21.63*	22.73*	24.33*	26.93*

* Before calculating premium wage deduct $1.00

Supplemental Benefits per hour paid:

All Apprentices $ 16.06

9-30 (79)

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	12/01/2014
Laborer/Asbestos, Lead and Hazardous Material Abatment	$ 36.00	Additional $0.50*

*To be allocated

SUPPLEMENTAL BENEFITS
Per Hour:

Laborer	$15.45

OVERTIME PAY
See (B, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
1000 hour terms at the following;

Per Hour:	07/01/2014	12/01/2014
1st term	$27.96	Additional $0.50*
2nd Term	$28.66	
3rd Term	$29.72	
4th Term	$31.84	

*To be allocated

SUPPLEMENTAL BENEFIT

Per Hour:

ALL TERMS	$15.45

4-NYDC(78)

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	01/01/2015
Interior Demolition	$ 35.99	$0.75*

*May be alocated between wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour paid:

Interior Demolion	$ 20.10

OVERTIME PAY
See (B, B2, E, E2, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage Per Hour:

1000 hour terms at the following wage rate:

1st	2nd	3rd	4th
$ 22.24	$ 23.34	$ 24.88	$ 27.38

Supplemental Benefits per Hour paid:

All Apprentices $ 15.76

9-MTDC (79-ID)

Laborer - Building 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Building Laborer-Demolition: $ 35.91
plus $ .95*

NOTE: Total Demolition Only: Demolition shall be the complete demolition (wrecking) or dismantling of entire buildings or structures. Also may include the removal of all or any portion of a roof in which structural change is to occur. Structural change is defined as the removal of structural slabs, steel members, concrete members and penetration through the structural slab.

SUPPLEMENTAL BENEFITS
Per hour paid:
Journeyworker: $ 23.34

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 13, 15, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

(1) year terms at the following wage.

	1st	2nd	3rd	4th
07/01/14	21.36	22.46	24.01	26.56

Supplemental Benefits per hour paid:

$ 15.35

9-79/95

Laborer - Building 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Basic Laborer and
Mason Tender $ 37.00 plus
An additional $ 1.10*

*May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014

Basic Laborer and

Mason Tender	$ 23.74

OVERTIME PAY
See (B, B2, E, E2, I, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 25) on HOLIDAY PAGE
(Easter is paid at Time and One-half if worked)

REGISTERED APPRENTICES
Wage per hour:

1000 hour terms at the following wage rate:

Term:	1st	2nd	3rd	4th
Basic Laborer and Mason Tender	$ 21.63	$ 22.73	$ 24.33	$ 26.93

Supplemental Benefits per hour paid:

All Terms: Basic Laborer and Mason Tender	$ 16.06

9-MTDC(79)

Laborer - Concrete & Asphalt Paving — 02/01/2015

JOB DESCRIPTION Laborer - Concrete & Asphalt Paving **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Group 1: Slurry Seal Coater, Maintenance Safety Surface, Small Equipment Operator, Small Power Tool Operator, Play Equipment Installer, Landscape Planting & Maintenance, Temporary Fence Installer & Repairs, Laborer.

Group 2: Shoveler, Small Equipment Operator on Asphalt work.

Per hour:	07/01/2014
Concrete Formsetter	$ 44.19
Asphalt Screedman / Micro Paver	45.24
Asphalt Raker	44.73
Group 1	40.32
Group 2	41.44

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014
Journeyman	$ 35.15

OVERTIME PAY
See (B, *E, **Q) on OVERTIME PAGE
* Saturday premium rate applies from 7:00 am on Saturday to 6:59 am Sunday
** Sunday premium rate applies from Sunday 7:00 am to Monday 6:59 am.

HOLIDAY
Paid: See (5, 20) on HOLIDAY PAGE
HOLIDAY:
Paid: See (5,20)* on HOLIDAY PAGE.
Holiday:
Overtime: See (21,22)** on HOLIDAY PAGE.
See (13)*** on holiday page.

* Holiday pay -at the single time pay rate-shall be prorated based on 25% of a day's wages and benefits for each day worked.
**If an employee works on any of these unpaid holidays, employee will receive the single rate plus 25%.
*** Unpaid if not worked,if worked shall receive single time rate plus one day's pay for the holiday.

REGISTERED APPRENTICES
Wage per hour:

2000 hours term at the following percent of Journeyman Laborer Group 1 rate.

1st term	2nd term
1-2000	2001-4000
66%	70%

Supplemental Benefits per hour paid:

2000 hours term at the following percent of Journeyman Laborer Group 1 rate.

1st term	2nd term
1-2000	2001-4000
66%	70%

9-1010H/H

Laborer - Trac Drill — 02/01/2015

JOB DESCRIPTION Laborer - Trac Drill **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour Paid:	07/01/2014
Hydraulic Trac Drill	$ 50.00
Hydraulic Trac Drill Chuck Tender	43.22
Air Trac, Wagon, Quarry Bar	49.24
Power Tool (Chipper & Jackhammer)	48.23
Chuck Tender & Nipper	42.49
Blaster	54.50
Blaster Hydraulic	55.30
Powder Carrier	44.40
Magazine Keeper	29.10

SUPPLEMENTAL BENEFITS

Per Hour Paid:	07/01/2014
All Classifications	$ 30.94

OVERTIME PAY
Magazine Keeper See (B,H) on OVERTIME PAGE.

ALL OTHERS SEE (D,E,Q) on OVERTIME PAGE.

HOLIDAY
HOLIDAY:
Paid: For Blaster See (5,6,11,13) on HOLIDAY PAGE.

FOR ALL OTHERS SEE (1) ON HOLIDAY PAGE.

Overtime: See (5,6,11,13) on HOLIDAY PAGE.

9-29

Laborer - Tunnel — 02/01/2015

JOB DESCRIPTION Laborer - Tunnel **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
GROUP 6: Tunnel Workers* * (including Miners, Drill Runners,Iron Men, Maintenance Men, Inside Muck Lock Tender, Pumpmen, Electricians, Cement Finishers, Rod Men, Caulkers, Carpenters, Hydraulic Men, Shield Drivers, Monorail Operators, Motor Men, Conveyor Men, Safety Miners, Powder Carriers, Pan Men, Riggers, Miner's Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Form Workers, Concrete Workers, Tunnel Laborers, Caulker's Helpers), Hose Men, Grout Men, Gravel Men, Derail Men and Cable Men.

GROUP 7: Top Nipper

GROUP 8,9: Outside Man Lock Tender, Outside Muck Lock Tender, Shaft Men,Gauge Tender and Signal Men.

GROUP 10: Powder Watchmen, Top Laborers and Changehouse Attendants.

WAGES: (per hour)

	07/01/2014
Laborer(Compressed Air):	
GROUP 6	$ 57.54
GROUP 7	$ 56.48
GROUP 8,9	$ 55.46
GROUP 10	$ 48.34

Note: For jobs bid before July l, 2010 employer shall pay $6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be $10. per day.

SUPPLEMENTAL BENEFITS
SUPPLEMENTAL BENEFITS:
per hour:

GROUP 6	$ 41.35**
GROUP 7	$ 40.65**
GROUP 8,9	$ 39.88**
GROUP 10	$ 38.15**

** Add an additional $ 0.16 to benefits for each overtime hour paid.

OVERTIME PAY
See (D, M, *R) on OVERTIME PAGE
NOTE: Time and one-half to be paid for all overtime repair-maintenance work on existing equipment and facilities.

* Straight time first 8 hours, double time after 8 hours.

HOLIDAY
Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Comp Air

Mason — 02/01/2015

JOB DESCRIPTION Mason **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Brick/Blocklayer	$53.71

SUPPLEMENTAL BENEFITS
Per Hour:

Brick/Block Layer	$23.18

OVERTIME PAY
See (A, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(800 hour) Terms at the following Percentage of Journeyworkers Wage:

1st	2nd	3rd	4th	5th
50%	60%	70%	80%	90%

Supplemental Benefits per hour:

All Apprentices $ 14.90

4-1Brk

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	12/01/2014	06/01/2015
Building:		An additional	An additional
Tile Finisher	$ 40.78	$0.97*	$0.97*

*May be allocated between
wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour:

Journeyworker $ 19.85*
plus $7.91

* This portion of benefits subject to the same premium as overtime wages

OVERTIME PAY
See (A, *E, Q) on OVERTIME PAGE
*Double time rate after 10 hours on Saturdays

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

9-7/88-tf

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Wages:	07/01/2014	01/01/2015
Marble Cutters& Setters	$ 55.85	$ 56.15

SUPPLEMENTAL BENEFITS
Per Hour:

Journeyworker	$ 29.58	$ 30.31

OVERTIME PAY
See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage Per Hour:

750 hour terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
1-750	751-1500	1501-2250	2251-3000	3001-3750	3751-4500	4501-5250	5251-6000	6001-6751	6751-7500
$ 22.34	$25.13	$27.93	$30.72	$33.51	$36.30	$39.10	$41.89	$47.47	$53.06

Supplemental Benefits per hour paid at the following term:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th

$21.86	$22.51	$23.14	$23.80	$24.43	$25.07	$25.71	$26.36	$27.64	$29.93

9-7/4

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2014
Building-Marble Restoration:		
Marble, Stone & Terrazzo Polisher, etc	$ 38.96	$ 39.25

SUPPLEMENTAL BENEFITS

Per Hour Paid:		
Journeyworker:		
Building-Marble Restoration: Marble, Stone & Polisher	$ 23.00	$ 23.38

OVERTIME PAY
See (B, *E, Q, V) on OVERTIME PAGE
*ON SATURDAYS, 8TH HOUR AND SUCCESSIVE HOURS PAID AT DOUBLE HOURLY RATE.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1ST TERM APPRENTICE GETS PAID FOR ALL OBSERVED HOLIDAYS.

REGISTERED APPRENTICES
WAGES per hour:

(900 hour)terms at the following wages:

	1st 0-900	2nd 901-1800	3rd 1801-2700	4th over 2700
07/01/2014	$ 27.27	$ 31.17	$35.06	$ 38.96
01/01/2015	An additional $0.47*	An additional $0.54*	An additional $0.60*	An additional $0.67*

* May be allocated between wages and benefits

Supplemental Benefits Per Hour:

07/01/2014				
	$ 21.11	$ 21.73	$ 22.36	$ 23.00

9-7/24-MP

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	12/01/2014	06/01/2015
Tile Setters	$ 52.58	An additional $ 1.30*	An additional $1.30*

*May be allocated between Wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour:

Tile Setter	$ 22.48*
	plus $ 8.05

* This portion of benefit is subject to the same premium as shown for overtime wages.

OVERTIME PAY
See (*E, Q, V) on OVERTIME PAGE
* Work beyond 10 hours on Saturday shall be paid at double the hourly wage rate.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

Tile Setters:
(750 hr)terms at the following wage rate:

Term: 1st 1-750	2nd 751-1500	3rd 1501-2250	4th 2251-3000	5th 3001-3750	6th 3751-4500	7th 4501-5250	8th 5251-6000	9th 6001-6750	10th 6750-7500
$26.91	$30.04	$33.86	$36.07	$39.91	$43.53	$46.63	$46.17	$49.89	$51.70

Starting 12/01/2014 An addtional:

$0.65	$0.72	$0.78	$0.85	$0.91	$0.98	$1.04	$1.11	$1.17	$1.25

Starting 06/01/2015 An additional:

$0.65	$0.72	$0.78	$0.85	$0.91	$0.98	$1.04	$1.11	$1.17	$1.25

NOTE:INCREASES MAY BE ALLOCATED BETWEEN WAGES AND BENEFITTS

Supplemental Benefits per hour:

1st term	$ 13.95* plus $0.71	6th term	$ 17.35* plus $1.49
2nd term	$ 14.95* plus $0.75	7th term	$ 17.55* plus $5.34
3rd term	$ 14.95* plus $1.09	8th term	$ 18.75* plus $5.71
4th term	$ 16.85* plus $1.13	9th term	$ 19.15* plus $5.75
5th term	$ 16.85* plus $1.45	10th term	$ 20.87* plus $5.79

* This portion of the benefit is subject to same premium as overtime wages.

9-7/52

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Building:

Per Hour:	07/01/2014	01/01/2015
		Additional
Mosaic & Terrazzo Mechanic	$ 45.88	$ 0.96*
Mosaic & Terrazzo Finisher	$ 47.28	$ 0.96*

*May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS
Journeyworker:

per hour worked

Mechanic	$ 22.40* plus $ 9.68
Finisher	$ 22.40* plus $ 9.68

* This portion of benefit subject to same premium as wages.

OVERTIME PAY
See (A, *E, Q) on OVERTIME PAGE
Double the rate after 10 hours on Saturday

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
Easter Sunday is an observed holiday.Holidays falling on a Saturday will be observed on that Saturday. Holidays falling on a Sunday will be celebrated on the Monday.

REGISTERED APPRENTICES
Wage per hour:
(750 Hour) terms at the following wage rate.

1st 1-750	2nd 751-1500	3rd 1500-2250	4th 2251-3000	5th 3001-3750	6th 3751-4500	7th 4501-5250	8th 5251-6000
$23.96	$26.36	$28.76	$31.15	$33.55	$35.96	$40.74	$45.53

Supplemental benefits per worked:

(750 hour) terms as shown above.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th
$11.20* +4.85	$12.32* +5.33	$13.44* +5.81	$14.56* +6.30	$15.68* +6.78	$16.80* +7.26	$19.04* +8.23	$21.28* +9.20	$22.40* +9.68

*This portion of benefits subject to same premium as overtime wages.

9-7/3

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per hour:

	07/01/2014	01/01/2015
Marble, Stone,etc. Maintenance Finishers:	$ 21.24	$ 21.38

Note 1: An additional $2.00 per hour for time spent grinding floor using "60 grit" and below.
Note 2: Flaming equipment operator shall be paid an additional $25.00 per day.

SUPPLEMENTAL BENEFITS
Per Hour:

Marble, Stone, etc Maintenance Finishers:	$ 11.77	$ 11.99

OVERTIME PAY
See (B, *E, Q, V) on OVERTIME PAGE
*Double hourly rate after 8 hours on Saturday

HOLIDAY
Paid: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1st term apprentice gets paid for all observed holidays.

REGISTERED APPRENTICES

WAGES per hour:	
(750 hour)terms at the following percentage of journeyman's wage rate:	07/01/2014
1st term 0-750	70%
2nd term 750-1500	74%
3rd trem 1501-2250	78%
4th term 2251-3000	82%
5th term 3001-3750	88%
6th term 3751-4500	96%

Supplemental Benefits:
Per hour paid

1st term	$ 11.58
2nd term	11.59
3rd term	11.72
4th term	11.73
5th term	11.74
6th term	11.76

9-7/24M-MF

Mason - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2015
Marble-Finisher	$ 44.54	44.81

SUPPLEMENTAL BENEFITS
Journeyworker:
per hour paid

Marble- Finisher	$ 29.16	$ 29.79

OVERTIME PAY
See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
* Work beyond 8 hours on a Saturday shall be paid at double the rate.
** When an observed holiday falls on a Sunday, it will be observed the next day.

9-7/20-MF

Mason - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Cement Mason	$ 45.53

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Friday. Any make-up day must be paid at the premium rate.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per Hour:

Cement Mason $ 32.80

OVERTIME PAY
See (*B1, E2, **Q, ***V) on OVERTIME PAGE
* Applies to 9th and 10th hours on Saturday
** "Holidays" only for Building Construction
*** Additional $10.18 to be added to all Time and a Half hours paid

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following Percentage of Journeyworkers Wage.

1st Term	50%
2nd Term	60%
3rd Term	70%

Supplement Benefits per hour paid:

1st Term	$ 16.40
2nd Term	19.68
3rd Term	25.99

4-780

Mason - Building / Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
WAGES

NOTE: Shall include but not limited to Precast concrete slabs (London Walks)
Marble and Granite pavers 2'x 2' or larger.
Per Hour:

	07/01/2014
Stone Setter	$58.72
	plus $1.50*
Stone Tender	$40.54
	plus $1.50*

*Additional Amounts to be added to Wages and or Benifits.

SUPPLEMENTAL BENEFITS
Per Hour:

Stone Setter	$ 27.35
Stone Tender	17.45

OVERTIME PAY
See (*C, **E, Q) on OVERTIME PAGE
* On weekdays the eighth (8th) and ninth (9th) hours are time and one-half all work thereafter is paid at double the hourly rate.
** The first nine (9) hours on Saturday is paid at time and one-half all work thereafter is paid at double the hourly rate.

HOLIDAY
Paid: See (*18) on HOLIDAY PAGE
Overtime: See (5, 6, 10) on HOLIDAY PAGE
Paid: *Must work First 1/2.

REGISTERED APPRENTICES
Per Hour:

Stone Setter(800 hour) terms at the following Percentage of
Stone Setters wage rate per hour:

1st	2nd	3rd	4th	5th	6th
50%	60%	70%	80%	90%	100%

Supplemental Benefits:

All Apprentices $17.53

4-1Stn

Mason - Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
Per Hour: 07/01/2014

Pointer, Caulkers & Cleaners $47.41

SUPPLEMENTAL BENEFITS
Per Hour:

Pointer, Cleaners & Caulkers $ 24.60

OVERTIME PAY
See (B, E2, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:

One (1) year terms at the following wage rates.

1st	2nd	3rd	4th
$25.01	$27.25	$32.24	$38.66

Apprentices Supplemental Benefits:
(per hour paid)

$4.75	$9.70	$12.45	$12.45

4-1PCC

Operating Engineer - Building 02/01/2015

JOB DESCRIPTION Operating Engineer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Putnam, Queens, Richmond, Westchester

PARTIAL COUNTIES
Dutchess: that part of Dutchess County lying south of the North City Line of the City of Poughkeepsie.

WAGES
NOTE:Construction surveying
Party chief--One who directs a survey party
Instrument Man--One who runs the instrument and assists Party Chief.
Rodman--One who holds the rod and assists the Survey Crew

Wages:(Per Hour)	07/01/2014	07/01/2015
Building Constr:		
Party Chief	$57.27	
Instrument Man	$44.48	
Rodman	$28.71	
Steel Erection:		
Party Chief	$58.50 plus $ 2.52*	An additional $ 2.52*
Instrument Man	$45.53 plus 2.16*	$ 2.16*
Rodman	$30.43 plus 1.73*	$ 1.73*

Heavy Construction-NYC counties only:
Foundation, Excavation.

Party Chief	$62.61
Instument man	$46.00
Rodman	$38.61

* May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Classifications	$ 30.62
Premium*	
All Catergories	$ 42.74
Premium**	
All Classes	$ 54.84

*Apply to instances where 1-1/2 regular rate are paid
**Applies to instances where 2 times the regular rate are paid

OVERTIME PAY
See (A, B, E, Q) on OVERTIME PAGE
Code "A" applies to Building Construction and has double the rate after 7 hours on Saturdays.
Code "B" applies to Heavy Construction and Steel Erection and had double the rate after 8 hours on Saturdays.

HOLIDAY
Paid: See (5, 6, 8, 11, 12, 15, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 12, 25) on HOLIDAY PAGE

9-15Db

Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction — 02/01/2015

JOB DESCRIPTION Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
STEEL ERECTION:

Group 1: Derrick, travelers, tower, crawler tower & climbing cranes

Group 2: Oiler (Truck Crane)

Group 3: Oiler (Crawler Crane)

BUILDING CONSTRUCTION:

Group 1: Installing, repairing, maintaining, dismantling of all equipment including Steel cutting& bending machines, mechanical heaters, mine hoists, climbing cranes, tower cranes, Linden Peine, Lorain, Liebherr, Mannes and machines of a similar nature;Well Point system, Deep Well pumps, Concrete mixers with loading devices, Concrete plants, motor generators (When used for temporary power and lights(Driving maintenance trucks and mounted-welded machines)-All Pumps(excluding River Cofferdam Pumps and Well Point Pumps), Motorized Concrete Buggies(When three or more are on jobsite), Skid-Steer and similar machines

Group 2:Maintenance of: Pumps, Generators,Mixers,Heaters

Group 3: Oilers of all gasoline, electric, deisel or air operated Gradalls; Concrete Pumps, Overhead Cranes in Power Houses,Assist in oiling, greasing and repairing of all machines, including: Driving Truck Cranes, Driving and operating Fuel and Grease Trucks, Cherry Pickers(Hydraulic Cranes) over 70,000 GVW and machines of a similar nature

Group 4: Oiler on Crawler Cranes, Backhoes, Trenching Machines, Gunite Machines, Compressors(3 or more in battery)

Group 5: Maintenance on Radiant Mechanical Heaters

HEAVY CONSTRUCTION (Excavation, Foundations, etc)

Group 1:Maintenance of: Generators, Light Towers

Group 2:Maintenance of: Pumps, Mixers including mudsucking

Group 3: Base Mounted Tower Cranes

Group 4: Installing, repairing, maintaining, dismantling(of all equipment including Steel cutting & Bending machines, Fusion Coupling Machines, Vermeer Trenching machines, on-site crushing plant, mechanical heaters(1 through 7),Mine hoists, Tower Cranes, Linden Peine, Lorrain, Lebherr, Mannes or machines of a similar nature, Wellpoints)-Driving maintenance trucks and truck mounted welding machines, burning, welding-operating of accumilator for shield-driven tunnels, in addition to the performance of other duties:Handling,installation, jointing, coupling of all perminent steel and plastic pipe. RIDE UPON MOLES-tunnel boring machines-MICRO TUNNELING SYSTEMS, All temporary pipefitting;When three or more motorized concrete buggies(Ride type)are utilized on the jobsite they shall be serviced, maintained and repaired by the maintenance engineer.The Operating Engineer on autogrades(C.M.I.)is to be assisted by the maintenance engineer who shall in addition perform other duties.

WAGES: Per hour:	07/01/2014	07/01/2015
Steel Erection:		An additional
Group 1	$ 62.68 plus $2.52*	$2.52*
Group 2	59.06 plus $2.42*	$2.42*
Group 3	46.47 plus $2.06*	$2.06*

Building Construction:	
Group 1	$ 59.67
Group 2	47.73
Group 3	57.03
Group 4	43.94
Group 5	38.76

Heavy Construction:	
Group 1	$ 44.73
Group 2	45.74
Group 3	82.93
Group 4	64.60

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Classifications	$ 20.00* plus $6.40

* This portion of benefits subject to same premium as wages.

OVERTIME PAY
See (D, O) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages Per Hour:

(1) year terms at the following wage rates:

Apprentices:	1st	2nd	3rd	4th.
07/01/2014	$28.12	$33.74	$36.55	$39.36

Supplemental Benefits:
Per Hour:
All Apprentices: $ 8.75*
* This portion of benefits subject to same premium as wages.

9-15Ab

Operating Engineer - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Operating Engineer - Building / Heavy&Highway **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
EQUIPMENT COVERED: Jet-Rodder/Vacuum Truck, Flusher, Sewer Rodder, Stetco Hoist and similar, Sewer Winch/Tugger Hoist and similar, Vacall/Vactor, Closed Circuit Television Inspection Equipment, Chemical Grouting Equipment and similar, John Beame, Meyers and similar.

Per Hour:	07/01/2014
Maintenance Engineer (Sewer Systems)	$ 64.60

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
Journeyman	$ 20.00* plus $ 6.40

*This porion of benefits subject to same premium as wages.

OVERTIME PAY
See (D, O) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:

(1) year terms at the following wage rates.

1st	2nd	3rd	4th
$28.12	$33.74	$36.55	$39.36

Suppllemental Benefits:
Per Hour:

All Apprentices:	$ 8.75*plus an additional $ 6.40

* This portion of benefits subject to the same premium as overtime wages

9-15Sewer

Operating Engineer - Building & Steel Erection — 02/01/2015

JOB DESCRIPTION Operating Engineer - Building & Steel Erection **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:	07/01/2014
STEEL ERECTION:	
Three Drum Derricks	$ 82.66
Cranes,Two Drum Derricks, Hydraulic Cranes & Fork Lifts, Boom Trucks	$ 79.71
Compressors, Welding Machines, Bridge Inspection Machines, Moog and machines of a similar nature)	$ 50.24
Compressors(Not combined with welding machines)	$ 48.19
BUILDING CONSTRUCTION:	
Cranes, Stone Derrick, Boom Trucks, Hydraulic Cranes	$ 76.09
Double Drum	$ 72.18
4 Pole Hoists and Single Drum Hoists	$ 69.93
Fork Lifts,Plaster(Platform Machine)Plaster Bucket, Concrete Pumps and all other equipment used for hoisting	$ 64.17
House Cars and Rack & Pinion	$ 56.88
*House Cars (New Projects)	$ 46.66
Erecting and dismantling Cranes	$ 70.61

Compressors, Welding Machines(Cutting Concrete-Tank Work), Paint Spraying, Sand Blasting, Pumps(With the exclusion of concrete pumps), House Car (Settlement basis only), All Engines irrespective of power(Power-Vac)used to drive auxiliary equipment Air, Hydraulic,etc.,Boilers, Jacking System
$ 49.63

*APPLIES TO PROJECTS STARTED AFTER 07/01/2011.

APPLICABLE TO ALL CATEGORIES:
CRANES: Crawler Or Truck

	In Addition To Above Crane Rates
100' to 149' Boom	$ 1.75/hr
150' to 249' "	2.00/hr
250' to 349' "	2.25/hr
350' to 450' "	2.75/hr
Tower Crane	2.00/hr

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Operator Classes	$ 18.70* plus $ 5.45

* This portion of the benefits is subject to the same premium as shown for overtime wages.

OVERTIME PAY
See (*C, **D, O) on OVERTIME PAGE
*Applies to Building Construction category
**Applies to Steel Erection

HOLIDAY
Paid: See (5, 6, 7, 8, 11, 12, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 8, 11, 12, 16) on HOLIDAY PAGE
Codes 8 and 12 apply ONLY to Steel Erection
Code 16 applies ONLY to Building Construction

REGISTERED APPRENTICES
Wage Per Hour:

Apprentices (1) year terms at the following rates:

1st	2nd	3rd
$34.04	$40.97	$47.89

Supplemental Benefits Per Hour:

Straight Time $ 8.70*
plus $ 5.45
* This portion of benefits subject to the same premium as shown for overtime wages.

9-14 B&S

Operating Engineer - Heavy Construction 02/01/2015

JOB DESCRIPTION Operating Engineer - Heavy Construction **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per Hour:
Group 1: Tower Crane/Climbing Crane

Group 2: Backhoes (Including all track and rubber tire backhoes over 37,000 lbs), Power Shovels, Steel Erection:Hydraulic Clam Shells,Moles and machines of a similar nature

Group 3: Mine Hoists, Cranes, etc, used as Mine Hoists

Group 4: Gradalls, Keystones, Cranes (With digging buckets), Bridge Cranes, Trenching Machines, Vermeer Cutter and machines of a similar nature

Group 5: Pile Drivers and Rigs (Employing Dock-Builders Foreman), Derrick Boats, Tunnel Shovels,

Group 6: All Drills and machines of a similar nature

Group 7: Back-Filling Machines and Cranes, Mucking Machines, Dual Drum Pavers

Group 8: Mixers (Concrete with loading attachment), Concrete Pavers, Cableways, Land Derricks, Power House (Low pressure units)

Group 9: Concrete Pumps, Concrete Plant, Stone Crushers, Double Drum Hoists, Power Houses (Other than above)

Group 10: Concrete Mixer

Group 11: Elevators

Group 12: Concrete Breaking Machines, Single Drum Hoists, Load Masters, Locomotives and Dinkies (Over 10 tons), Hydraulic Crane-Second Engineer

Group 13: On-Site Concrete Plant Engineers, On-Site Asphalt Plant Engineer and Vibratory Console

Group 14: Barrier Mover, Barrier Transport and machines of a similar nature

Group 15: Compressors (Portable, 3 or more), Truck Compressor (Engineer Driver), Tugger Machines, Well Point Pumps, Chum Drill

Group 16: Boilers(High pressure),Compressors, Pumps(River Cofferdam) and Welding Machines(except where arc is operated by another Operating Engineer) Push Button Machines, All Engines,irrespective of power(Power Pac) used to drive auxiliary equipment, Air, Hydraulic, etc.

Group 17: Utility-Horizontal Boring Rig

Group 18: Utility Compressors

Group 19: Paving-Asphalt Spreader, Autogrades (C.M.I.), Roto-Mill

Group 20: Paving-Asphalt Roller

Group 21 Paving-Asphalt Plant

Group 22: Roller (non paving, all sizes)

Group 23: Cherry Picker (Over 20 tons), Loader (Over 6 yards)

Group 24: Backhoes and Loaders (Up to 37,000lbs), Bulldozers, Scrapers, Turn-A-Pulls, Tugger Hoists, Tractors, Hysters, Rooustabout Cranes, Conveyers, Balast Regulators (Ride On), Track Removal Machine or similar, Motor Graders, Locomotives (10 tons and under),Curb & Gutter Pavers and machines of a similar nature

Group 25:Post Hole Digger,Ditch Winch, Road Finishing Machines, Rollers (5 tons and under, Dual Purpose Trucks,Forklifts, Dempsey Dumpsters, Fireman

Group 26: Oiler (Gradalls, Concrete Pumps, Cold Planers Grader)

Group 27: Oiler (Crawler Cranes, Backhoes, Trenching Machines, Compressors (3 or more in battery)

Group 28:Steam Equipment Operator (Water rigs, steam shovels, power boilers, derrick boats)

WAGES:(per hour)	07/01/2014
Group 1	$ 91.35
Group 2	76.45
Group 3	78.69
Group 4	76.98
Group 5	75.58
Group 6	72.80
Group 7	74.05
Group 8	72.11
Group 9	70.69
Group 10	67.88
Group 11	63.81
Group 12	65.09

Group 13	65.56
Group 14	59.43
Group 15	50.98
Group 16	47.79
Group 17	68.88
Group 18	47.53
Group 19	72.11
Group 20	70.39
Group 21	60.52
Group 22	70.39
Group 23	66.68
Group 24	64.87
Group 25	61.85
Group 26	58.85
Group 27	42.66
Group 28	61.85

Cranes: Crawler or Truck

100' to 149'	$0.50 per hour additional to above Crane Rates
150' to 249'	$0.75 per hour additional to above Crane Rates
250' to 349'	$1.00 per hour addiiional to above crane Rates
350' to 450'	$1.50 per hour additional to above crane Rates

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2014

Groups 1-22

Regular Time $ 18.70* plus $ 5.45

Groups 23-28

Regular Time $ 20.00* plus $6.40

* This portion of benefits subject to the same premium as shown for wages.

OVERTIME PAY

See (D, O) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES

Per Hour:

(1) year terms at the following wage rates:

	1st	2nd	3rd	
Groups 1-22	$34.04	$40.97	$47.89	
	1st	2nd	3rd	4th
Groups 23-28	$28.12	$33.74	$36.55	$39.36

Supplemental Benefits:

Per Hour:

Groups 1-22

Regular Time $ 8.70* plus $ 5.45

Groups 23-28

Regular Time $ 8.75* plus $6.40

* This portion of benefits is subject to the SAME PREMIUM as shown for overtime wages

9-14 HC

Operating Engineer - Marine Construction — 02/01/2015

JOB DESCRIPTION Operating Engineer - Marine Construction **DISTRICT** 4

ENTIRE COUNTIES

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

Per Hour:

DREDGING OPERATIONS	07/01/2014	10/01/2014
CLASS A		
Operator, Leverman, Lead Dredgeman	$ 34.73	$ 35.63
CLASS A1 Dozer,Front Loader Operator	To conform to Operating Engineer Prevailing Wage in locality where work is being performed including benefits.	
CLASS B		
Spider/Spill Barge Operator, Tug Operator(over1000hp), OperatorII, Fill Placer, Derrick Operator, Engineer, Chief Mate, Electrician, Chief Welder, Maintenance Engineer	$ 30.05	$ 30.81
Certified Welder, Boat Operator(licensed)	$ 28.30	$ 29.01
CLASS C		
Drag Barge Operator, Steward, Mate, Assistant Fill Placer,	$ 27.54	$ 28.22
Welder (please add)$ 0.06		
Boat Operator	$ 26.55	$ 27.30
CLASS D		
Shoreman, Deckhand, Rodman, Scowman, Cook, Messman, Porter/Janitor	$ 22.17	$ 22.68
Oiler(please add)$ 0.09		

SUPPLEMENTAL BENEFITS

Per Hour:

THE FOLLOWING SUPPLEMENTAL BENEFITS APPLY TO ALL CATEGORIES

	07/01/2014	10/01/2014
All Classes A & B	$ 9.42 plus 8% of straight time wage, Overtime hours add $ 0.63	$ 9.99 plus 8% of straight time wage, Overtime hours add $ 0.63
All Class C	$ 9.12 plus 8% of straight time wage, Overtime hours add $ 0.48	$ 9.69 plus 8% of straight time wage, Overtime hours add $ 0.48
All Class D	$ 8.82 plus 8% of straight time wage, Overtime hours add $ 0.33	$ 9.39 plus 8% of straight time wage, Overtime hours add $ 0.33

OVERTIME PAY

See (B, F, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 15, 26) on HOLIDAY PAGE

4-25a-MarConst

Operating Engineer - Survey Crew - Consulting Engineer **02/01/2015**

JOB DESCRIPTION Operating Engineer - Survey Crew - Consulting Engineer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
Dutchess: That part in Duchess County lying South of the North City line of Poughkeepsie.

WAGES
Feasibility and preliminary design surveying, any line and grade surveying for inspection or supervision of construction.

Per hour: Survey Classifications	07/01/2014	07/01/2015 Additional	07/01/2016 Additional
Party Chief	$35.55 + $1.06*	$1.63*	$2.24*
Instrument Man	29.41 + 0.94*	1.44*	1.98*
Rodman	25.54 + 0.86*	1.32*	1.82*

* To be allocated at a future date

SUPPLEMENTAL BENEFITS
Per Hour:

All Crew Members:	$17.90	$17.90	$17.90

OVERTIME PAY
OVERTIME:.... See (B, E*, Q, V) ON OVERTIME PAGE.
*Doubletime paid on the 9th hour on Saturday.

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

9-15dconsult

Painter 02/01/2015

JOB DESCRIPTION Painter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014
Brush	$ 43.75
Abatement/Removal of lead based or lead containing paint on materials to be repainted.	$ 43.75
Spray & Scaffold	$ 46.75
Fire Escape	$ 46.75
Decorator	$ 46.75
Paperhanger/Wall Coverer	$ 41.08

SUPPLEMENTAL BENEFITS

Per hour worked:	07/01/2014
Paperhanger	$ 29.33
All others	$ 20.97
Premium*	$ 23.47*

*Applies only to "All others" catergory,not paperhanger journeyman.

OVERTIME PAY
See (A, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Indentured after 5/31/93 (1) year terms at the following wage rate.
(per hour)

	07/01/2014
Appr 1st term...	$ 16.55
Appr 2nd term...	$ 21.66
Appr 3rd term...	$ 26.24
Appr 4th term...	$ 35.02

Spplemental benefis:
(per Hour worked)

Appr 1st term...	$ 10.23
Appr 2nd term...	$ 12.92
Appr 3rd term...	$ 15.20
Appr 4th term...	$ 19.70

8-NYDC9-B/S

Painter 02/01/2015

JOB DESCRIPTION Painter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
Nassau: Atlantic Beach, Ceaderhurst, East Rockaway,Hewlett, Hewlett Bay, Hewlett Neck, Hewlett Park, Inwood, Lawrence, Lido Beach, Long Beach, parts of Lynbrook, parts of Oceanside, parts of Valley Stream, and Woodmere. Starting on South side of Sunrise Hwy in Valley Stream running east to Windsor and Rockaway Ave, Rockville is the boundary line up to Lawson Blvd, turning right going west all the above territory. Starting at Union Turnpike &Lakeville Rd going north to northern Blvd. the west side of Lakeville Rd to Northern Blvd. At Northern Blvd doing east the district north of Northern blvd to Port Washington blvd. West of Port Washington blvd to St.Francis Hospital then north of first traffic light to Port Washington & Sands Point, Manor Haven, & Harbour Acres.

WAGES

Per hour:	07/01/2014	12/31/2014	07/01/2015
Drywall Taper	$ 45.32	$ 45.82	$ 46.32

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	12/31/2014	07/01/2015
Journeyworker:	$ 23.03	$ 23.03	$ 23.03

OVERTIME PAY
See (A, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6, 8, 11, 18, 19, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

12 months' terms(year consists of 1500 hours).

	07/01/2014	12/31/2014	07/01/2015
1st year	$ 18.13	$ 18.33	$ 18.53
2nd year	$ 27.20	$ 27.50	$ 27.80
3rd year	$ 36.26	$ 36.66	$ 37.06

Supplemental Benefits per hour worked:

One (1) year term at the following dollar amount:

1st term	$ 10.25	$ 10.25	$ 10.25
2nd term	$ 16.43	$ 16.43	$ 16.43
3rd term	$ 19.25	$ 19.25	$ 19.25

8-NYC9-1974-DWT

Painter - Bridge & Structural Steel 02/01/2015

JOB DESCRIPTION Painter - Bridge & Structural Steel **DISTRICT** 8

ENTIRE COUNTIES
Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES
Per Hour Worked:
STEEL:

Bridge Painting:	07/01/2014	10/01/2014
From May 1st to Nov. 15th -		
	$ 47.00	$ 48.75
	+ 5.38*	+ 5.63*
From Nov. 16th to April 30th -		
	$ 47.00	$ 48.75
	+ 5.38*	+ 5.63*

*Not subject to overtime and limited to first 40 hours
NOTE: All premium wages are to be calculated on $47.00 or $48.75 per hour only.

EXCEPTION: During the period of May 1st to November 15th, for the first and last week of employment on the project, and for the weeks of Memorial Day, Independence Day and Labor Day, this rate shall be paid for the actual number of hours worked.

Power Tool/Spray is an additional $6.00 per hour above hourly rate, whether straight time or overtime

NOTE: Generally, for Bridge Painting Contracts, ALL WORKERS on and off the bridge (including Flagmen) are to be paid Painter's Rate; the contract must be ONLY for Bridge Painting.

SUPPLEMENTAL BENEFITS
Per Hour Worked:

Journeyworker:	07/01/2014	10/01/2014
From May 1st to Nov. 15th -		
Hourly Rate up to 40 hours	$ 28.20	$ 28.95
Hourly Rate after 40 hours	7.50	7.50
From Nov. 16th to April 30th -		
Hourly Rate up to 50 hours	28.20	28.95
Hourly Rate after 50 hours	7.50	7.50

EXCEPTION: During the period of May 1st to November 15th, for the first and last week of employment on the project, and for the weeks of Memorial Day, Independence Day and Labor Day, this rate shall be paid for the actual number of hours worked.

OVERTIME PAY
See (A, F, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(Wage per hour Worked):

Apprentices: (1) year terms

	07/01/2014	10/01/2014
1st 90 days	$ 20.96	$ 21.76
1st year after 90 days	20.96	21.76
2nd year	31.43	32.63
3rd year	41.91	43.51

Supplemental Benefits per hour worked:

	07/01/2014	10/01/2014
1st 90 days	$ 8.29	$ 8.59
1st year after 90 days	8.54	8.84
2nd year	16.93	17.38
3rd year	22.57	26.17

8-DC-9/806/155-BrSS

Painter - Line Striping **02/01/2015**

JOB DESCRIPTION Painter - Line Striping **DISTRICT** 8

ENTIRE COUNTIES

Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES
Per hour:

Painter (Striping-Highway):	07/01/2014
Striping-Machine Operator*	$ 27.11
Linerman Thermoplastic	$ 32.37

Note: * Includes but is not limited to: Positioning of cones and directing of traffic using hand held devices. Excludes the Driver/Operator of equipment used in the maintenance and protection of traffic safety

Four (4), ten (10) hour days may be worked at straight time during a week.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014
Journeyworker:	
Striping-Machine operator	$ 14.18
Linerman Thermoplastic	$ 14.55

OVERTIME PAY
See (B, E, E2, F, S) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 20) on HOLIDAY PAGE
Overtime: See (5, 8, 11, 12, 15, 16, 17, 20, 21, 22) on HOLIDAY PAGE

8-1456-LS

Painter - Metal Polisher — 02/01/2015

JOB DESCRIPTION Painter - Metal Polisher **DISTRICT** 8

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

	07/01/2014
Metal Polisher	$ 27.15
Metal Polisher**	28.24
Metal Poilsher***	30.65

**Note: Applies on New Construction & complete renovation
*** Note: Applies when working on scaffolds over 34 feet.

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
Journeyworker:	
All classification	$ 13.61

OVERTIME PAY
See (B, E, E2, P, T) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
One (1) year term at the following wage rates:

1st	2nd	3rd
$11.00	$12.50	$15.50

Supplentals benefits:
Per hour paid:

1st	2nd	3rd
$ 9.94	$10.31	$10.51

8-8A/28A-MP

Plasterer 02/01/2015

JOB DESCRIPTION Plasterer **DISTRICT** 9

ENTIRE COUNTIES
Kings, Nassau, Queens, Suffolk

PARTIAL COUNTIES
New York: Includes work in all Islands in New York City, except Manhattan.

WAGES
Per hour:

	07/01/2014
Building:	
Plasterer/Traditional	$ 35.53

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyworker	$ 21.80

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:
(per hour)
(1) year terms at the following % Journeyworkers wage rate.

First year:	1st 6 months	2nd 6 months
	40%	45%
Second year:	1st 6 months	2nd 6 months
	55%	60%
Third year:	1st 6 months	2nd 6 months
	70%	75%

Supplemental Benefits:
(per hour paid):
(1) year term broken down into six month periods:
1st year:

1st six months	$ 8.37
2nd six months	9.35
3rd six months	11.35
4th six months	12.33
5th six months	14.33
6th six months	15.33

9-530-Z1

Plumber 02/01/2015

JOB DESCRIPTION Plumber **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour worked:

	07/01/2014	10/01/2014	01/01/2015	04/01/2015 An Additional
Plumber	$ 65.55	$ 65.55	$ 65.55	
Temporary Service**	52.52	52.52	52.52	
Repairs &				

Maintenance***	38.55	39.05	39.05	$ 0.75*

* To be allocated

** Temporary Service- Includes Maintenance of cooling & heating apparatus, maintenance work on pneumatic systems during the construction period, and work on temporary heat. All hours paid at straight time, including holidays.

***THERE ARE NO HELPERS UNDER THIS CLASSIFICATION; WHEN USING APPRENTICES, MUST FOLLOW RATIO FOR PLUMBERS

***Repair & Maintenance work is any repair and/or replacement of present plumbing system that does not change existing roughing or water supply lines.

On tower work, bridges, elevated highway, or buildings, where pipe is being installed, fifty (50) or more feet vertically in a free drop from its base,an additional $1.00 per hour.

SHIFT WORK:
Shift work,when directly specified in public agency or authority contract documents, and continues for a period of not less than ten (10) consecutive work days. A shift shall consist of seven(7) hours with one-half (1/2) hour for lunch after the first four (4) hours of each shift. A premium of thirty percent (30%) for wages and supplemental benefits on shift work performed Monday through Friday on the 4 P.M.and midnight shifts.
For shift work performed on weekends the shift premium shall be fifty percent (50%) of wages and supplemental benefits.
For shift work performed on holidays designated below, double time wages and supplemental benefits shall be paid. Also noted that the normal workday Monday through Friday 8:00 A.M. to 3:00 P.M. is not considered shift work, and therefore not subject to shift premium.

SUPPLEMENTAL BENEFITS

Per hour worked:

	07/01/2014	10/01/2014	01/01/2015
Plumber	$ 25.50	$ 25.50	$ 26.80
Temporary Service	19.92	19.92	20.96
Repair & Maintenance	12.56	13.06	13.06

OVERTIME PAY

Plumber	See (C, O, V) on OVERTIME PAGE.
Repairs & Maintenance	See (B, H) on OVERTIME PAGE.

When calculating premium pay, subtract $ 0.28 from regular hourly wage rate.

HOLIDAY

Plumber	
Overtime:	See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE.
Repairs & Maintenance	
Paid:	See (1) on HOLIDAY PAGE.
Overtime:	See (5, 6, 25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour:

(1/2) year terms at the following wage:

1st&2nd	3rd&4th	5th&6th	7th&8th	9th	10th
$ 14.28	$ 24.15	$ 26.25	$ 29.10	$ 30.50	$ 42.57

Supplemental Benefits per hour paid:
(1/2) year term at the following dollar amount:

1st	2nd	3rd-10th
$ .43	$ 2.68	$ 11.18

Note: The Repairs & Maintenance Category has NO Apprentices.

9-1

Roofer **02/01/2015**

JOB DESCRIPTION Roofer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Dutchess, Kings, New York, Orange, Putnam, Queens, Richmond, Rockland, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2014	07/01/2015
Roofer/Waterproofer	$ 40.70	An additional $ 1.50*

* May be allocated between wages and benefits
Note: Abatement/Removal of Asbestos containing roofs and roofing material is classified as Roofer.

SUPPLEMENTAL BENEFITS
Journeyworker $ 29.46

OVERTIME PAY
See (B, H) on OVERTIME PAGE
Note: An observed holiday that falls on a Sunday will be observed the following Monday.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following percentage of Journeyworkers hourly wage.

1st	2nd	3rd	4th
35%	50%	60%	75%

Supplements per hour paid at the following rates:

1st	2nd	3rd	4th
$ 2.70	$ 15.02	$ 17.90	$ 22.25

9-8R

Sheetmetal Worker — 02/01/2015

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Sheetmetal Worker	$ 50.67
Temporary Operation or Maintenace of Fans	40.42

SUPPLEMENTAL BENEFITS

Per Hour:	
Sheetmetal Worker	$ 39.91
Maintenance Worker	39.91

OVERTIME PAY
See (A, E, E2, Q, V) on OVERTIME PAGE
For Maintenance See Codes B,E, Q & V

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:Wages

Six(6) Month Terms As Follows:

1st Term	$ 14.35
2nd Term	17.72
3rd Term	22.12
4th Term	24.89
5th Term	26.24
6th Term	28.45
7th Term	34.53
8th Term	37.23
9th Term	40.34

Per Hour: Supplemental Benifits

1st Term	$ 5.50
2nd Term	14.80
3rd Term	21.51
4th Term	23.31
5th Term	24.94
6th Term	27.04
7th Term	30.60
8th Term	31.77
9th Term	32.94

4-28

Sheetmetal Worker — 02/01/2015

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per Hour:	07/01/2014	08/01/2014
Sign Erector	$ 44.20	$ 45.60

NOTE: Overhead Highway Signs and Structurally Supported Signs(See IRON WORKER CLASS)

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	08/01/2014
Sign Erector	$ 38.22	$ 40.25

OVERTIME PAY
See (A, F, S) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:
6 month Terms at the following percentage of Sign Erectors wage rate:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
35%	40%	45%	50%	55%	60%	65%	70%	75%	80%

SUPPLEMENTAL BENEFITS
Per Hour:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
$11.08	$12.55	$14.04	$15.51	$21.93	$23.86	$26.46	$28.45	$30.42	$32.40

4-137-SE

Steamfitter — 02/01/2015

JOB DESCRIPTION Steamfitter **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Steam/Sprinkler Fitter	$ 58.81
Temporary Heat & AC	$ 44.71

NOTE: Add 30% to Hourly Wage for "Contracting Agency" Mandated Off Shift Work.

SUPPLEMENTAL BENEFITS
Per Hour:

Steam/Sprinkler Fitter	$ 45.67
Temporary Heat & AC	$ 37.26

OVERTIME PAY
See (C, *D, O, V) on OVERTIME PAGE
(*D) On all HVAC and Mechanical contracts that do not excedd $15,000,000. and on all fire protection/sprinklet contracts that do not exceed $1,500,000.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
1 year Terms at the Following:

WAGES per hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
$ 23.56	$ 29.44	$ 38.25	$ 47.06	$ 50.00

SUPPLEMENTAL BENEFIT
Per Hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
$ 18.79	$ 23.29	$ 29.99	$ 36.71	$ 38.95

4-638A-StmSpFtr

Steamfitter — 02/01/2015

JOB DESCRIPTION Steamfitter **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014	01/01/2015 Additional
AC Service/Heat Service Steamfitter Maintenance	$ 38.30	$ 0.75*

Refrigeration, A/C, Oil Burner and Stoker Service and Repair.
Refrigeration Compressor installation up to 5hp (combined).
Air Condition / Heating Compressor installation up to 10hp (combined).

(*)To be allocated at a later date

SUPPLEMENTAL BENEFITS
Per Hour

AC Service/Heat Service Steamfitter Maintenance	$ 9.70

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 25, 26) on HOLIDAY PAGE

4-638B-StmFtrRef

Teamster - Heavy Construction — 02/01/2015

JOB DESCRIPTION Teamster - Heavy Construction **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:

Dump Trucks/Drivers (Debris Removal, Street Level and below)

	07/01/2014
Dump Trucks	$ 38.855
Tractor Trailers	$ 38.875
Euclid/Turnapull	$ 39.44

SUPPLEMENTAL BENEFITS
Per Hour:

Dump Trucks	
Up to 40 Hours Worked	$ 40.84
Over 40 Hours Worked	$ 14.90
ALL OTHERS	
uUp to 40 Hours Worked	$ 41.70
Over 40 Hours Worked	$ 14.50

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE
Note: Employees receive 2 hours of Holiday Pay for each day worked in holiday week (not to exceed 8 hours)

4-282

Welder 02/01/2015

JOB DESCRIPTION Welder **DISTRICT** 1

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES
Per hour 07/01/2014

Welder (To be paid the same rate of the mechanic performing the work)

OVERTIME PAY

HOLIDAY

1-As Per Trade

Richmond County General Construction

Asbestos Worker — 02/01/2015

JOB DESCRIPTION Asbestos Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014	12/01/2014 Additional
Abestos Worker Removal & Abatement Only*	$ 47.00	$ 0.50**

NOTE: *On Mechanical Systems that are NOT to be SCRAPPED. To be allocated to (**) To be allocated at a later date

SUPPLEMENTAL BENEFITS

Per Hour:	
Abestos Worker Removal & Abatement Only	$ 4.70

OVERTIME PAY
See (B, B2, *E, J) on OVERTIME PAGE
Hours worked on Saturdays are paid at time and one half only if forty hours have been worked during the week.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
Apprentice Removal & Abatement Only:
1000 hour terms at the following percentage of Journeyman's rates.

1st	2nd	3rd	4th
78%	80%	83%	89%

SUPPLEMENTAL BENEFIT

Per Hour:	
Apprentice Removal & Abatement	$ 4.70

4-12a - Removal Only

Boilermaker — 02/01/2015

JOB DESCRIPTION Boilermaker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2014	01/01/2015
Boilermaker	$ 50.45	$ 51.56
Repairs & Renovations	$ 50.45	$ 51.56

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	01/01/2015
Boilermaker	32% of hourly	32% of hourly
Repairs & Renovations	Wage Paid + $25.16	Wage Paid + $25.19

NOTE: "Hourly Wage Paid" shall include any and all premium(s) pay.

Repairs & Renovation Includes replacement of parts and repairs & renovation of existing unit.

OVERTIME PAY
OVERTIME PAY
See (D, O) on OVERTIME PAGE
HOLIDAY
Paid: See (8, 16, 23, 24) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 12, 15, 25) on HOLIDAY PAGE
NOTE: *Employee must work in pay week to receive Holiday Pay.
**Boilermarker gets 4 times the hourly wage rate for working on Labor Day.
***Repairs & Renovation see (B,E,Q) on HOLIDAY PAGE

HOLIDAY

REGISTERED APPRENTICES
Wage per hour:
(1/2) Year Terms at the following pecentage of Boilermaker's Wage

1st	2nd	3rd	4th	5th	6th	7th	8th
65%	65%	70%	75%	80%	85%	90%	95%

Supplemental Benefits Per Hour:

Apprentice(s)	07/01/2014 32% of Hourly Wage Paid plus amount below	01/01/2015 32% of Hourly Wage Paid Plus Amount Below
1st Term	$ 19.25	$ 19.27
2nd Term	20.10	20.11
3rd Term	20.94	20.95
4th Term	21.78	21.80
5th Term	22.62	22.65
6th Term	23.47	23.49
7th Term	24.31	24.33

NOTE: "Hourly Wage Paid" shall include any and all premium(s)

4-5

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester

PARTIAL COUNTIES
Orange: South of but including the following, Waterloo Mills, Slate Hill, New Hampton, Goshen, Blooming Grove, Mountainville, east to the Hudson River.
Putnam: South of but including the following, Cold Spring, TompkinsCorner, Mahopac, Croton Falls, east to Connecticut border.
Suffolk: West of Port Jefferson and Patchogue Road to Route 112 to the Atlantic Ocean.

WAGES

Per hour:	07/01/2014	10/17/2014
Core Drilling:		
Driller	$ 35.71	$ 36.82
Driller Helper	$ 28.60	$ 29.44
Additional Helpers: One (1) year increments. This is not an apprenticeship for Driller:		
Helper 1st year	$ 20.02	$ 20.61
Helper 2nd year	22.88	23.55
Helper 3rd year	25.74	26.50
Helper 4th year	28.60	29.44

Note: Hazardous Waste Pay Differential:
For Level C, an additional 10% above wage rate per hour
For Level B, an additional 10% above wage rate per hour
For Level A, an additional 10% above wage rate per hour
Note: When required to work on water: an additional $ 0.50 per hour.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014	10/17/2014
Driller and All Helpers	$21.69	$ 22.79

OVERTIME PAY
OVERTIME: See (B,E,K*,P,R**) on OVERTIME PAGE.

HOLIDAY
Paid: See (5,6) on HOLIDAY PAGE.
Overtime: * See (5,6) on HOLIDAY PAGE.
** See (8,10,11,13) on HOLIDAY PAGE.

8-1536-CoreDriller

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per Hour:

	07/01/2014
Timberman	$ 44.33

SUPPLEMENTAL BENEFITS
Per Hour:

	07/01/2014
	$ 45.36

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour:
(1) year terms:

1st	2nd	3rd	4th
$17.73	$22.16	$28.81	$35.46

Supplemental benefits per hour:
$ 30.86

8-1556 Tm

Carpenter 02/01/2015

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Building
Millwright $ 48.44

SUPPLEMENTAL BENEFITS
Per hour paid:

Millwright $ 50.49

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19)* on HOLIDAY PAGE.

Overtime See (5,6,8,11,13,18,19,25) on HOLIDAY PAGE.

* must show up to work

REGISTERED APPRENTICES

Wages per hour is Pecentage of Journeyworkers wage:

(1) year terms:

1st.	2nd.	3rd.	4th.
$26.64	$31.49	$36.33	$46.02

Supplemental benefits per hour paid:

(1) year terms:

1st.	2nd.	3rd.	4th.
$32.81	$36.15	$40.63	$46.21

8-740.1

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per Hour: 07/01/2014

Marine Construction:

Marine Diver	$ 61.30
Marine Tender	43.45

SUPPLEMENTAL BENEFITS
Per Hour Paid:

Journeyman	$ 46.09

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18, 19) on HOLIDAY PAGE
Overtime: See (5, 6, 10, 11, 13, 16, 18, 19) on HOLIDAY PAGE

8-1456MC

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Carpet/Resilient
Floor Coverer $ 49.88

INCLUDES HANDLING & INSTALLATION OF ARTIFICIAL TURF AND SIMILAR TURF INDOORS/OUTDOORS.

SUPPLEMENTAL BENEFITS
Per hour paid:

Floor Coverer	$ 44.07

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18, 19)on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wage per hour is Pecentage of Journeyworkers Wage

(1) year terms:

1st.	2nd.	3rd.	4th.
$19.95	$24.94	$32.42	$39.90

Supplemental benefits per hour:

$ 30.22

8-2287

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Piledriver	$ 48.35
Dockbuilder	$ 48.35

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker	$ 46.09

OVERTIME PAY
See (B, E2, O) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19)on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour
(1)year terms:

1st	2nd	3rd	4th
$19.34	$24.17	$31.43	$38.68

Supplemental benefits per hour:

Apprentices	$ 31.23

8-1556 Db

Carpenter **02/01/2015**

JOB DESCRIPTION Carpenter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Putnam, Queens, Richmond

PARTIAL COUNTIES
Nassau: That portion of the county that lies west of Seaford Creekand south of the Southern State Parkway.

WAGES
Per hour: 07/01/2014

Show Exibit/
Carpenter $ 48.38

SUPPLEMENTAL BENEFITS
Per hour paid:

Show Exibit/

Carpenter $ 42.67

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid:for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wages per hour is Pecentage of Journeyworkers Wage

(1) year terms:

1st.	2nd.	3rd.	4th.
$19.35	$24.19	$31.45	$38.70

Supplemental benefits per hour:
Apprentices $ 29.52

8-EXHIB

Carpenter - Building 02/01/2015

JOB DESCRIPTION Carpenter - Building **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
Nassau: Work preformed south of the Southern State Parkway and west of the Seaford Creek.

WAGES
Per hour: 07/01/2014

Building:
Carpenter $49.88

SUPPLEMENTAL BENEFITS
Per hour paid:

Building:
Carpenter $ 44.07

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (18,19) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.
Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

REGISTERED APPRENTICES
Wage per hour:

(1) year terms:

	1st	2nd	3rd	4th
Building	$19.95	$24.94	$32.42	$39.90

Supplemental benefits per hour for all Apprentices:

Building $ 30.22

8-NYC Bldg.

Carpenter - Heavy&Highway 02/01/2015

JOB DESCRIPTION Carpenter - Heavy&Highway **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014
Heavy&Highway Carpenter	$ 48.35

SUPPLEMENTAL BENEFITS
Per hour paid:

Heavy & H/way Carpenter	$ 46.09

OVERTIME PAY
See (B, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid:	See (18, 19) on HOLIDAY PAGE
Paid : for 1st & 2nd yr Apprentices	See(5,6,11,13,16,18,19,25)
Overtime:	See(5,6,11,13,16,18,19,25) on holiday Page

REGISTERED APPRENTICES
Wage per hour:
(1) year terms:

	1st	2nd	3rd	4th
Heavy & Highway	$19.34	$24.17	$31.43	$38.68

Supplemental Benefits:
Per Hour paid

All Apprentices	$31.23

8-NYC H/H

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	06/01/2015
Tree Trimmer	$ 27.20	$ 27.88
Ground Person	$ 17.98	18.43

Applies to line clearance, tree work, and right-of-way preparation on all new or existing overhead, electrical, telephone, and CATV lines.

SUPPLEMENTAL BENEFITS
Per hour paid:

Tree Trimmer	$ 10.19	$ 10.44
Ground Person	$ 6.73	6.90

Note: *Plus paid vacation & 4 days sick leave. Vacation based on continous service as follows:

* 40 hours after 1 year
* 80 hours after 2 years
* 120 hours after 5 years
* 160 hours after 15 years

Note: Employee must work atleast 1800 hours in employee's anniversary year . An employee who workes 900 in the employee anniversary year but did not actually worked 1800 hours during that period shall be entitled to a pro rata share of vacation on the basis of 900 hours or more actually worded as a percentage based on 1800 hours.

OVERTIME PAY
See (B, *H, Q) on OVERTIME PAGE

*Worked performed on Sundays & Holidys outside of 7.00am - 4.00pm shall be paid at double time, in addition to the holiday pay if applicable.

HOLIDAY
HOLIDAY:
Paid: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

(An additional floating holiday after four years' service)

Overtime: See (5,6,10,11,15,16,26) on HOLIDAY PAGE.

9-3T

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	05/13/2015
Electrician		
H - Telephone	$ 27.00	$ 27.50

Maintenance and Jobbing-Electrical work of limited duration and scope, consisting of repairs and/or replacement of electrical and teledata equipment.

- Includes all work necessary to retrofit, service, maintain and repair all kinds of lighting fixtures and local lighting controls and washing and cleaning of foregoing fixtures.

SUPPLEMENTAL BENEFITS

Journeyworker	$ 20.32	$ 20.82
	22.01*	22.54*

* Applies to overtime hours

OVERTIME PAY
See (B, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3m

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond, Westchester

WAGES

Per hour Paid:	07/01/2014
Service Technician	$ 28.89

Service and Maintenance on Alarm and Security Systems.

Maintenance, repair and /or replacement of defective (or damaged) equipment on, but not limited to, Burglar - Fire - Security - CCTV - Card Access - Life Safety Systems and associated devices. (Whether by service contract of T&M by customer request.)

SUPPLEMENTAL BENEFITS
Per hour:
Journeyworker: $ 11.19
+ $12.00 per day

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3H

Electrician **02/01/2015**

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:	07/01/2014	05/14/2015
Electrician and Audio/Sound	$53.00	$54.00

SUPPLEMENTAL BENEFITS

Per Hour:		
Journey Worker	$47.54	$50.03
	50.86*	53.41*
Journey Worker Temporary Light/Power	$23.62	$24.39
	26.45*	27.27*

* Applies when premium wages are paid.

Temporary Light and Power benefit rate applies for three or less workers.

Reduce benefit rate by 6.2% for any employee who has accumulated wages of $113,700 for the same employer.

OVERTIME PAY
See (A, H) on OVERTIME PAGE
See (B) for Temporary Light and Power

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages Per Hour:

One (1) year terms - Apprentices registered before 05/10/2007.

Fifth term/MIJ:		
1-18 mos	$ 26.30	$ 26.80

One (1) year terms - Apprentices registered after 05/10/2007.

First term:	07/01/2014	05/14/2015
0-6 mos.	$ 12.50	$ 13.00
7-12 mos.	13.50	14.00
Second term:		
0-6 mos.	$ 14.50	$ 15.00
7-12 mos.	15.50	16.00
Third term:		
0-6 mos.	$ 16.50	$ 17.00
7-12 mos.	17.50	18.00
Fourth term:		
0-6 mos.	$ 18.50	$ 19.00
7-12 mos.	20.50	21.00
Fifth term/MIJ:		
0-12 mos.	$ 22.50	$ 23.00
13-18 mos.	22.50	23.00

Supplemental Benefits per hour:

One (1) year terms - Apprentices registered prior to 05/10/2007.
Fifth term/MIJ:

	07/01/2014	05/10/2015
1-18 mos	$ 19.96	$ 20.47
	21.61*	22.15*

One (1) year terms - Apprentices registered after 05/10/2007:

	07/01/2014		05/14/2015	
First Term	Regular	Overtime	Regular	Overtime
0-6 mos.	$11.10	$11.93	$11.61	$12.47
7-12 mos.	11.62	12.51	12.12	13.05
Second Term				
0-6 mos.	$12.13	$13.08	$12.63	$13.62
7-12 mos.	12.64	13.66	13.14	14.19
Third Term				
0-6 mos.	$13.15	$14.23	$13.65	$14.77
7-12 mos.	13.65	14.81	14.16	15.34
Fourth Term				
0-6 mos.	$14.16	$15.38	$14.67	$15.92
7-12 mos.	15.18	16.53	15.68	17.07
Fifth Term/MIJ				
1-12 mos.	$18.06	$19.46	$18.56	$20.00
13-18 mos				

9-3

Electrician — 02/01/2015

JOB DESCRIPTION Electrician **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	05/20/2015
Electro pole Electrician	$ 53.00	$ 54.00
Electro pole Foundation Installer	40.18	40.93
Electro Pole Maintainer	34.40	35.05

SUPPLEMENTAL BENEFITS
Per Hour:

	07/01/2014	05/20/2015
Electro pole Electrcian	$ 49.34	$51.86
	52.66*	55.25*
Electro pole Foundation Installer	37.73	39.46
	40.25*	42.02*
Electro pole Maintainer	34.00	35.51
	36.15*	37.71*

* Applies when premium wages are paid
Note:Reduce benefit rate by 6.2% for any employee who has accumulated wages in $113,700 for the same employer.

OVERTIME PAY
See (A, *B, **E4, F, K) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

9-3J

Elevator Constructor — 02/01/2015

JOB DESCRIPTION Elevator Constructor **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

PARTIAL COUNTIES
Rockland: Entire County except for the Township of Stony Point

Westchester: Entire County except for the Townships of Bedford, Lewisboro, Cortland, Mt. Kisco, North Salem, Pound Ridge, Somers and Yorktown.

WAGES
Per hour:

	07/01/2014	03/17/2015
Elevator Constructor	$ 58.23	$ 59.55
Modernization & Service/Repair	46.00	46.92

SUPPLEMENTAL BENEFITS
Per Hour:

Elevator Constructor	$ 29.745	$ 31.045
Modernization & Service/Repair	29.595	31.195

OVERTIME PAY
Constructor. See (D, M, T) on OVERTIME PAGE.

Modern./Service See (B, F, S) on OVERTIME PAGE.

HOLIDAY
Paid: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES PER HOUR:
*Note:1st Term is based on Average wage of Constructor & Modernization.
Terms 2 thru 4 Based on Journeymans wage of classification Working in.

1 YEAR TERMS:

1st Term*	2nd Term	3rd Term	4th Term
50%	55%	65%	75%

SUPPLEMENTAL BENEFITS

Elevator Constructor		
1st Term	$ 25.745	$ 27.220
2nd Term	26.145	27.635
3rd Term	26.945	28.455
4th Term	27.745	29.285
Modernization & Service/Repair		
1st Term	$ 25.67	$ 27.145
2nd Term	26.065	27.550
3rd Term	26.845	28.36
4th Term	27.635	29.17

4-1

Glazier **02/01/2015**

JOB DESCRIPTION Glazier **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES
Per hour:

	07/01/2014	11/01/2014	05/01/2015
Glazier	$ 51.00*	$ 51.35*	Additional $ 1.50**
Scaffolding	$ 52.00*	$ 52.35*	Additional $ 1.50**

Scafolding includes swing scaffold, mechanical equipment, scissor jacks, man lifts, booms & buckets 24' or more, but not pipe scaffolding.

Repair & Maintenance	$ 26.70*	$ 26.70*	Additional

$ 0.60**

Repair & Maintenance- All repair & maintenance work on a particular building,whenever performed, where the total cumulative contract value is under $100,000.00.

*Additional $ .10 per hour for all regular hours worked
**To be allocated at a later date.

SUPPLEMENTAL BENEFITS

Per hour paid:	07/01/2014	11/01/2014	05/01/2015
Journeyworker	$ 26.69	$ 27.19	$ 27.19
Repair & Maintenance	16.14	16.14	16.14

OVERTIME PAY

OVERTIME: Premium is applied to the respective base wage only.
See (C*,D* E2, O) on OVERTIME PAGE.

* If an optional 8th hour is required to complete the entire project, the same shall be paid at the regular rate of pay. If a 9th hour is worked, then both hours or more (8th & 9th or more) will be paid at double time rate of pay.

For Repair & Maintenance see (B, F, P) on overtime page.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6, 16, 25) on HOLIDAY PAGE
Paid for the Repair & Maintenance (5, 6, 16 & 25)

REGISTERED APPRENTICES

Wage per hour:
(1) year terms at the following wage rates:

	07/01/2014	11/01/2014	05/01/2014
1st term	$ 17.05	$ 17.25	$ 17.25
2nd term	25.24	25.24	25.24
3rd term	30.40	30.81	30.81
4th term	40.75	41.27	41.27

Supplemental Benefits:
(Per hour worked)

1st term	$ 13.17	$ 13.32	$ 13.32
2nd term	22.45	22.45	22.45
3rd term	24.95	25.30	25.30
4th term	30.07	30.22	30.22

8-1281 (DC9 NYC)

Insulator - Heat & Frost — 02/01/2015

JOB DESCRIPTION Insulator - Heat & Frost **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
Per Hour: 07/01/2014

Insulators Heat & Frost $ 63.68

SUPPLEMENTAL BENEFITS
Per Hour:

Insulators Heat & Frost $ 30.44

OVERTIME PAY

See (A, D, O, V) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:

1 year terms at the following wage rate.

1st	2nd	3rd	4th
$25.47	$38.21	$44.59	$50.94

Supplemental Benefits per hour:

Apprentice Insulator(s)

1st	2nd	3rd	4th
$12.80	$18.26	$21.30	$24.35

4-12

Ironworker 02/01/2015

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
Rockland: Southern section - south of Convent Road and east of Blue Hills Road.

WAGES

Per hour:	07/01/2014	07/01/2015
Reinforcing & Metal Lathing	$ 52.03	Additional $ 2.00*

*To be allocated

SUPPLEMENTAL BENEFITS
Per hour paid:

Reinforcing & Metal Lathing	$ 31.55

OVERTIME PAY
See (B, B1, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 18, 19, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following wage rates:
Wages Per Hour:

Apprentices Registered BEFORE 6/29/2011

1st term	2nd term	3rd term
$ 28.11	$ 32.71	$ 37.77

Apprentices Registered ON or AFTER 6/29/2011

17.71	22.81	27.91

SUPPLEMENTAL BENIFITS
Per Hour:

Apprentices Registered BEFORE 6/29/2011

1st term	2nd term	3rd term
$ 23.02	$ 24.67	$ 25.82

Apprentices Registered On or AFTER 6/29/2011

20.08	20.08	20.08

4-46Reinf

Ironworker **02/01/2015**

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per hour: 07/01/2014

Ornamental	$ 44.95
Chain Link Fence	44.95
Guide Rail Installation	44.95

SUPPLEMENTAL BENEFITS
Per hour paid:

Journeyworker:	$ 43.71

OVERTIME PAY
OVERTIME: See (A*,D1,E**,Q,V) on OVERTIME PAGE.

*Time and one-half shall be paid for all work in excess of seven (7) hours at the end of a work day to a maximum of two (2) hours on any regular work day (8th & 9th hours of work) and double time shall be paid for all work thereafter.
**Time and one-half shall be paid for all work on Saturday up to seven (7) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
1st term represents first 1-10 months, thereafter (1/2) year terms at the following percentage of Journeyman's wage.

1st	2nd	3rd	4th	5th
50%	55%	60%	70%	80%

Supplemental Benefits per hour paid:

1st Term	$ 34.02
2nd Term	34.98
3rd Term	35.95
4th Term	37.90
5th Term	39.65

4-580-Or

Ironworker **02/01/2015**

JOB DESCRIPTION Ironworker **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Per Hour: 07/01/2014

IRONWORKER:

Ironworker Rigger	$ 53.25
Ironworker Stone Derrickman	$ 53.25

SUPPLEMENTAL BENEFITS
Ironworker: $ 37.13

OVERTIME PAY
See (*A, D1, **E, Q, V) on OVERTIME PAGE
*Time and one-half shall be paid for all work in excess of seven (7) hours at the end of a work day to a maximum of two hours on any regular work day (the eighth (8th) and ninth (9) hours of work) and double time shall be paid for all work thereafter.

**Time and one-half shall be paid for all work on Saturday up to seven (7) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 10, *24, 25) on HOLIDAY PAGE
*Work stops at schedule lunch break with full day's pay.

REGISTERED APPRENTICES
Wage per hour:

(1/2) year terms at the following hourly wage rate:

	1st	2nd	3rd	4th	5th	6th
07/01/2014	$26.38	$26.38	$39.73	$42.13	$45.56	$45.56

Supplemental benefits

Per hour paid:

1st & 2nd terms	$18.82
3rd & 4th terms	$27.86
5th & 6th terms	$27.84

9-197D/R

Ironworker — 02/01/2015

JOB DESCRIPTION Ironworker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
PER HOUR:

	07/01/2014
Ironworker:	
Structural	$47.25
Bridges	
Machinery	

SUPPLEMENTAL BENEFITS
PER HOUR:

Journeyman	$65.20

OVERTIME PAY
See (B*,E**,Q,V) on OVERTIME PAGE.

* Time and one-half shall be paid for all work in excess of (8) eight hours at the end of a work day to a maximum of two hours on any regular work day (the ninth (9th) and tenth (10th) hours of work)and double time shall be paid for all work thereafter.

** Time and one-half shall be paid for all work on Saturday up to eight (8) hours and double time shall be paid for all work thereafter.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 18, 19) on HOLIDAY PAGE

REGISTERED APPRENTICES
WAGES PER HOUR:

6 month terms at the following rate:

1st	$ 24.73
2nd	25.33
3rd - 6th	25.93

Supplemental Benefits
PER HOUR:

All Terms	45.84

4-40/361-Str

Laborer — 02/01/2015

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES

Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

GROUP 14: Blasters.

GROUP 16: Tunnel workers *
* (including Miners, Drill Runners, Iron Men, Maintenance Men, Conveyor Men, Safety Miners, Riggers, Block Layers, Cement Finishers, Rod Men, Caulkers, Powder Carriers, Miners' Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Derail Men, Form Men, Bottom Bell, Top Bell or Signal men, Form Workers, Movers, Concrete Workers, Shaft Men, Tunnel Laborers and Caulkers' Helpers).

GROUP 17**: All others including: Powder Watchmen, Top Laborers and Changehouse Attendants.

Wages: (per hour)	07/01/2014
Laborer (Tunnel)-FREE AIR:	
Group 14	$ 56.89
Group 16	$ 54.43
Group 17**	$ 50.30
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway & Vehicular Tunnels	80% of rates above

**An additional $3.00 per day when using an air spade, jack hammer or pavement breaker.

Note: For jobs bid before July 1, 2010 employer shall pay $6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be $10.00 per day.

SUPPLEMENTAL BENEFITS
Per hour paid:

GROUP 14	$ 40.86**
GROUP 16	$ 39.12**
GROUP 17	$ 36.19**
Small Bore Micro Tunnel Machines	80% of rates above
For Repairs on Existing Water Tunnels	90% of rates above
For Repairs of Sewer & Drainage Tunnels	85% of rates above
For Repair & Maintenance of all Subway& Vehicular Tunnels	80% of rates above

** Add additional $ 0.16 to benefits for each each overtime hour paid.

OVERTIME PAY
OVERTIME: For Laborer (Free Air) See (D, M, R*) on OVERTIME PAGE.
For Repair Categories & Micro Tunneling See (B, F, R*) on OVERTIME PAGE.
* Straight time first 8 hours, double time after 8 hours.

HOLIDAY
Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Free

Laborer **02/01/2015**

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Laborer/Excavation:	
**Asbestos and Lead Abatement & Removal,Hazardous Waste Removal (including soil)	$ 39.85
Basic	39.85
Flagman	39.85
Pipelayer	39.85
*Tree Work, *Landscape	39.85

*Includes trimming, cutting, planting and/or removal of trees.
** Applies to Heavy & Highway projects

SUPPLEMENTAL BENEFITS

Per hour paid:	
Journeyworker	$ 34.88

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE
++ Except for Independence Day, holidays which fall on a Saturday will not be observed on the preceding Friday.When an observed holiday falls on a Saturday,work done shall be paid at double time.

HOLIDAY
Paid: See (2, 20) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 13) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

1000 hour terms at the following hourly wage rate.

		07/01/2014
1st	0-1000	$ 19.93
2nd	1001-2000	$ 23.91
3rd	2001-3000	$ 29.89
4th	3001-4000	$ 35.87

Supplemental Benefits per hour paid:

All Apprentices	$ 34.88

9-731Ex

Laborer 02/01/2015

JOB DESCRIPTION Laborer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Laborer:	
Laborer-Concrete (including flag person)	$ 41.48

SUPPLEMENTAL BENEFITS

Per Hour Worked	
	$ 26.17

OVERTIME PAY
OVERTIME: See (A,E,Q) on OVERTIME PAGE attached.
See (B,E,Q,) for work below street level to top of foundation.

For Work done on Saturdays add an additional $2.75 per hour to Supp. Benefits.
For work done on Sundays & Holidays add an additional $5.50 per hour to Supp. Benefits.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
Terms at the following percentage of Journeyworkers wage.

Term:	1st	2nd	3rd
Hours:	0-500	501-2000	2001-4000
	50%	65%	80%

Supplemental Benefits:
(Per Hour Worked)

0-500 hrs	501-1000 hrs	1001-2000 hrs	2001-4000 hrs
$15.29+ $2.75*	$15.29+ $3.58*	$20.67+ $3.58*	$20.67+ $4.40*

*This mount subject to same premium as wages
NB Journeyman rate applies after 4000 hours

9-6A/18A/20-C

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014
Building:	
Plasterer Tender and Spray Fireproofing.	$ 37.00** plus $1.10*

* May be allocated between wages and benefits
** To calculate premium wage, subtract $2.00 from hourly wage

SUPPLEMENTAL BENEFITS
Per hour paid:
Journeyworker $ 23.74

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

1000 hours terms at the following wage.

	1st	2nd	3rd	4th
07/01/2014	$21.63*	22.73*	24.33*	26.93*

* Before calculating premium wage deduct $1.00

Supplemental Benefits per hour paid:

All Apprentices $ 16.06

9-30 (79)

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	12/01/2014
Laborer/Asbestos, Lead and Hazardous Material Abatment	$ 36.00	Additional $0.50*

*To be allocated

SUPPLEMENTAL BENEFITS
Per Hour:

Laborer	$15.45

OVERTIME PAY
See (B, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8) on HOLIDAY PAGE

REGISTERED APPRENTICES
1000 hour terms at the following;

Per Hour:	07/01/2014	12/01/2014
1st term	$27.96	Additional $0.50*
2nd Term	$28.66	
3rd Term	$29.72	
4th Term	$31.84	

*To be allocated

SUPPLEMENTAL BENEFIT

Per Hour:

ALL TERMS	$15.45

4-NYDC(78)

Laborer - Building — 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour:

	07/01/2014	01/01/2015
Interior Demolition	$ 35.99	$0.75*

*May be alocated between wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour paid:

Interior Demolion	$ 20.10

OVERTIME PAY
See (B, B2, E, E2, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage Per Hour:

1000 hour terms at the following wage rate:

1st	2nd	3rd	4th
$ 22.24	$ 23.34	$ 24.88	$ 27.38

Supplemental Benefits per Hour paid:

All Apprentices $ 15.76

9-MTDC (79-ID)

Laborer - Building 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Building Laborer-Demolition: $ 35.91
plus $ .95*

NOTE: Total Demolition Only: Demolition shall be the complete demolition (wrecking) or dismantling of entire buildings or structures. Also may include the removal of all or any portion of a roof in which structural change is to occur. Structural change is defined as the removal of structural slabs, steel members, concrete members and penetration through the structural slab.

SUPPLEMENTAL BENEFITS
Per hour paid:
Journeyworker: $ 23.34

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 13, 15, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

(1) year terms at the following wage.

	1st	2nd	3rd	4th
07/01/14	21.36	22.46	24.01	26.56

Supplemental Benefits per hour paid:

$ 15.35

9-79/95

Laborer - Building 02/01/2015

JOB DESCRIPTION Laborer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour: 07/01/2014

Basic Laborer and
Mason Tender $ 37.00 plus
An additional $ 1.10*

*May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014

Basic Laborer and

Mason Tender $ 23.74

OVERTIME PAY
See (B, B2, E, E2, I, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 25) on HOLIDAY PAGE
(Easter is paid at Time and One-half if worked)

REGISTERED APPRENTICES
Wage per hour:

1000 hour terms at the following wage rate:

Term:	1st	2nd	3rd	4th
Basic Laborer and Mason Tender	$ 21.63	$ 22.73	$ 24.33	$ 26.93

Supplemental Benefits per hour paid:

All Terms:
Basic Laborer and
Mason Tender $ 16.06

9-MTDC(79)

Laborer - Concrete & Asphalt Paving 02/01/2015

JOB DESCRIPTION Laborer - Concrete & Asphalt Paving **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Group 1: Slurry Seal Coater, Maintenance Safety Surface, Small Equipment Operator, Small Power Tool Operator, Play Equipment Installer, Landscape Planting & Maintenance, Temporary Fence Installer & Repairs, Laborer.

Group 2: Shoveler, Small Equipment Operator on Asphalt work.

Per hour:	07/01/2014
Concrete Formsetter	$ 44.19
Asphalt Screedman / Micro Paver	45.24
Asphalt Raker	44.73
Group 1	40.32
Group 2	41.44

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014

Journeyman $ 35.15

OVERTIME PAY
See (B, *E, **Q) on OVERTIME PAGE
* Saturday premium rate applies from 7:00 am on Saturday to 6:59 am Sunday
** Sunday premium rate applies from Sunday 7:00 am to Monday 6:59 am.

HOLIDAY
Paid: See (5, 20) on HOLIDAY PAGE
HOLIDAY:
Paid: See (5,20)* on HOLIDAY PAGE.
Holiday:
Overtime: See (21,22)** on HOLIDAY PAGE.
See (13)*** on holiday page.

* Holiday pay -at the single time pay rate-shall be prorated based on 25% of a day's wages and benefits for each day worked.
**If an employee works on any of these unpaid holidays, employee will receive the single rate plus 25%.
*** Unpaid if not worked,if worked shall receive single time rate plus one day's pay for the holiday.

REGISTERED APPRENTICES
Wage per hour:

2000 hours term at the following percent of Journeyman Laborer Group 1 rate.

1st term	2nd term
1-2000	2001-4000
66%	70%

Supplemental Benefits per hour paid:

2000 hours term at the following percent of Journeyman Laborer Group 1 rate.

1st term	2nd term
1-2000	2001-4000
66%	70%

9-1010H/H

Laborer - Trac Drill — 02/01/2015

JOB DESCRIPTION Laborer - Trac Drill **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour Paid:	07/01/2014
Hydraulic Trac Drill	$ 50.00
Hydraulic Trac Drill Chuck Tender	43.22
Air Trac, Wagon, Quarry Bar	49.24
Power Tool (Chipper & Jackhammer)	48.23
Chuck Tender & Nipper	42.49
Blaster	54.50
Blaster Hydraulic	55.30
Powder Carrier	44.40
Magazine Keeper	29.10

SUPPLEMENTAL BENEFITS

Per Hour Paid:	07/01/2014
All Classifications	$ 30.94

OVERTIME PAY
Magazine Keeper See (B,H) on OVERTIME PAGE.

ALL OTHERS SEE (D,E,Q) on OVERTIME PAGE.

HOLIDAY
HOLIDAY:
Paid: For Blaster See (5,6,11,13) on HOLIDAY PAGE.

FOR ALL OTHERS SEE (1) ON HOLIDAY PAGE.

Overtime: See (5,6,11,13) on HOLIDAY PAGE.

9-29

Laborer - Tunnel — 02/01/2015

JOB DESCRIPTION Laborer - Tunnel **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
GROUP 6: Tunnel Workers* * (including Miners, Drill Runners,Iron Men, Maintenance Men, Inside Muck Lock Tender, Pumpmen, Electricians, Cement Finishers, Rod Men, Caulkers, Carpenters, Hydraulic Men, Shield Drivers, Monorail Operators, Motor Men, Conveyor Men, Safety Miners, Powder Carriers, Pan Men, Riggers, Miner's Helpers, Chuck Tenders, Track Men, Nippers, Brake Men, Form Workers, Concrete Workers, Tunnel Laborers, Caulker's Helpers), Hose Men, Grout Men, Gravel Men, Derail Men and Cable Men.

GROUP 7: Top Nipper

GROUP 8,9: Outside Man Lock Tender, Outside Muck Lock Tender, Shaft Men,Gauge Tender and Signal Men.

GROUP 10: Powder Watchmen, Top Laborers and Changehouse Attendants.

WAGES: (per hour)

	07/01/2014
Laborer(Compressed Air):	
GROUP 6	$ 57.54
GROUP 7	$ 56.48
GROUP 8,9	$ 55.46
GROUP 10	$ 48.34

Note: For jobs bid before July l, 2010 employer shall pay $6.00 per day for each one half (1/2) mile or fraction starting from a point 500 feet from the shaft. For all jobs bid after July 1, 2010, said premium shall be $10. per day.

SUPPLEMENTAL BENEFITS
SUPPLEMENTAL BENEFITS:
per hour:

GROUP 6	$ 41.35**
GROUP 7	$ 40.65**
GROUP 8,9	$ 39.88**
GROUP 10	$ 38.15**

** Add an additional $ 0.16 to benefits for each overtime hour paid.

OVERTIME PAY
See (D, M, *R) on OVERTIME PAGE
NOTE: Time and one-half to be paid for all overtime repair-maintenance work on existing equipment and facilities.

* Straight time first 8 hours, double time after 8 hours.

HOLIDAY
Paid: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 12, 15, 16, 25) on HOLIDAY PAGE
Good Friday may be exchanged for one of the holidays listed.

9-147Tnl/Comp Air

Mason — 02/01/2015

JOB DESCRIPTION Mason **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Brick/Blocklayer	$53.71

SUPPLEMENTAL BENEFITS

Per Hour:	
Brick/Block Layer	$23.18

OVERTIME PAY
See (A, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(800 hour) Terms at the following Percentage of Journeyworkers Wage:

1st	2nd	3rd	4th	5th
50%	60%	70%	80%	90%

Supplemental Benefits per hour:

All Apprentices $ 14.90

4-1Brk

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	12/01/2014	06/01/2015
Building:		An additional	An additional
Tile Finisher	$ 40.78	$0.97*	$0.97*

*May be allocated between
wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour:

Journeyworker $ 19.85*
plus $7.91

* This portion of benefits subject to the same premium as overtime wages

OVERTIME PAY
See (A, *E, Q) on OVERTIME PAGE
*Double time rate after 10 hours on Saturdays

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

9-7/88-tf

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

WAGES

Wages:	07/01/2014	01/01/2015
Marble Cutters& Setters	$ 55.85	$ 56.15

SUPPLEMENTAL BENEFITS
Per Hour:

Journeyworker	$ 29.58	$ 30.31

OVERTIME PAY
See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage Per Hour:

750 hour terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
1-750	751-1500	1501-2250	2251-3000	3001-3750	3751-4500	4501-5250	5251-6000	6001-6751	6751-7500
$ 22.34	$25.13	$27.93	$30.72	$33.51	$36.30	$39.10	$41.89	$47.47	$53.06

Supplemental Benefits per hour paid at the following term:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th

$21.86	$22.51	$23.14	$23.80	$24.43	$25.07	$25.71	$26.36	$27.64	$29.93

9-7/4

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2014
Building-Marble Restoration:		
Marble, Stone & Terrazzo Polisher, etc	$ 38.96	$ 39.25

SUPPLEMENTAL BENEFITS

Per Hour Paid:		
Journeyworker:		
Building-Marble Restoration: Marble, Stone & Polisher	$ 23.00	$ 23.38

OVERTIME PAY
See (B, *E, Q, V) on OVERTIME PAGE
*ON SATURDAYS, 8TH HOUR AND SUCCESSIVE HOURS PAID AT DOUBLE HOURLY RATE.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1ST TERM APPRENTICE GETS PAID FOR ALL OBSERVED HOLIDAYS.

REGISTERED APPRENTICES
WAGES per hour:

(900 hour)terms at the following wages:

	1st 0-900	2nd 901-1800	3rd 1801-2700	4th over 2700
07/01/2014	$ 27.27	$ 31.17	$35.06	$ 38.96
01/01/2015	An additional $0.47*	An additional $0.54*	An additional $0.60*	An additional $0.67*

* May be allocated between wages and benefits

Supplemental Benefits Per Hour:

07/01/2014				
	$ 21.11	$ 21.73	$ 22.36	$ 23.00

9-7/24-MP

Mason - Building **02/01/2015**

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per hour:	07/01/2014	12/01/2014	06/01/2015
Tile Setters	$ 52.58	An additional $ 1.30*	An additional $1.30*

*May be allocated between Wages and benefits

SUPPLEMENTAL BENEFITS
Per Hour:

Tile Setter	$ 22.48*
	plus $ 8.05

* This portion of benefit is subject to the same premium as shown for overtime wages.

OVERTIME PAY
See (*E, Q, V) on OVERTIME PAGE
* Work beyond 10 hours on Saturday shall be paid at double the hourly wage rate.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

Tile Setters:
(750 hr)terms at the following wage rate:

Term: 1st 1-750	2nd 751-1500	3rd 1501-2250	4th 2251-3000	5th 3001-3750	6th 3751-4500	7th 4501-5250	8th 5251-6000	9th 6001-6750	10th 6750-7500
$26.91	$30.04	$33.86	$36.07	$39.91	$43.53	$46.63	$46.17	$49.89	$51.70

Starting 12/01/2014 An addtional:

$0.65	$0.72	$0.78	$0.85	$0.91	$0.98	$1.04	$1.11	$1.17	$1.25

Starting 06/01/2015 An additional:

$0.65	$0.72	$0.78	$0.85	$0.91	$0.98	$1.04	$1.11	$1.17	$1.25

NOTE:INCREASES MAY BE ALLOCATED BETWEEN WAGES AND BENEFITTS

Supplemental Benefits per hour:

1st term	$ 13.95* plus $0.71	6th term	$ 17.35* plus $1.49
2nd term	$ 14.95* plus $0.75	7th term	$ 17.55* plus $5.34
3rd term	$ 14.95* plus $1.09	8th term	$ 18.75* plus $5.71
4th term	$ 16.85* plus $1.13	9th term	$ 19.15* plus $5.75
5th term	$ 16.85* plus $1.45	10th term	$ 20.87* plus $5.79

* This portion of the benefit is subject to same premium as overtime wages.

9-7/52

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES
Building:

Per Hour:	07/01/2014	01/01/2015
		Additional
Mosaic & Terrazzo Mechanic	$ 45.88	$ 0.96*
Mosaic & Terrazzo Finisher	$ 47.28	$ 0.96*

*May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS
Journeyworker:

per hour worked

Mechanic	$ 22.40* plus $ 9.68
Finisher	$ 22.40* plus $ 9.68

* This portion of benefit subject to same premium as wages.

OVERTIME PAY
See (A, *E, Q) on OVERTIME PAGE
Double the rate after 10 hours on Saturday

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
Easter Sunday is an observed holiday.Holidays falling on a Saturday will be observed on that Saturday. Holidays falling on a Sunday will be celebrated on the Monday.

REGISTERED APPRENTICES
Wage per hour:
(750 Hour) terms at the following wage rate.

1st 1-750	2nd 751-1500	3rd 1500-2250	4th 2251-3000	5th 3001-3750	6th 3751-4500	7th 4501-5250	8th 5251-6000
$23.96	$26.36	$28.76	$31.15	$33.55	$35.96	$40.74	$45.53

Supplemental benefits per worked:

(750 hour) terms as shown above.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th
$11.20* +4.85	$12.32* +5.33	$13.44* +5.81	$14.56* +6.30	$15.68* +6.78	$16.80* +7.26	$19.04* +8.23	$21.28* +9.20	$22.40* +9.68

*This portion of benefits subject to same premium as overtime wages.

9-7/3

Mason - Building — 02/01/2015

JOB DESCRIPTION Mason - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2015
Marble, Stone,etc. Maintenance Finishers:	$ 21.24	$ 21.38

Note 1: An additional $2.00 per hour for time spent grinding floor using "60 grit" and below.
Note 2: Flaming equipment operator shall be paid an additional $25.00 per day.

SUPPLEMENTAL BENEFITS

Per Hour:		
Marble, Stone, etc Maintenance Finishers:	$ 11.77	$ 11.99

OVERTIME PAY
See (B, *E, Q, V) on OVERTIME PAGE
*Double hourly rate after 8 hours on Saturday

HOLIDAY
Paid: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 15, 25) on HOLIDAY PAGE
1st term apprentice gets paid for all observed holidays.

REGISTERED APPRENTICES

WAGES per hour:	
(750 hour)terms at the following percentage of journeyman's wage rate:	07/01/2014
1st term 0-750	70%
2nd term 750-1500	74%
3rd trem 1501-2250	78%
4th term 2251-3000	82%
5th term 3001-3750	88%
6th term 3751-4500	96%

Supplemental Benefits:
Per hour paid

1st term	$ 11.58
2nd term	11.59
3rd term	11.72
4th term	11.73
5th term	11.74
6th term	11.76

9-7/24M-MF

Mason - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014	01/01/2015
Marble-Finisher	$ 44.54	44.81

SUPPLEMENTAL BENEFITS
Journeyworker:
per hour paid

Marble- Finisher	$ 29.16	$ 29.79

OVERTIME PAY
See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE
* Work beyond 8 hours on a Saturday shall be paid at double the rate.
** When an observed holiday falls on a Sunday, it will be observed the next day.

9-7/20-MF

Mason - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Cement Mason	$ 45.53

Four (4), ten (10) hour days may be worked at straight time during a week, Monday thru Friday. Any make-up day must be paid at the premium rate.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per Hour:

Cement Mason $ 32.80

OVERTIME PAY
See (*B1, E2, **Q, ***V) on OVERTIME PAGE
* Applies to 9th and 10th hours on Saturday
** "Holidays" only for Building Construction
*** Additional $10.18 to be added to all Time and a Half hours paid

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following Percentage of Journeyworkers Wage.

1st Term	50%
2nd Term	60%
3rd Term	70%

Supplement Benefits per hour paid:

1st Term	$ 16.40
2nd Term	19.68
3rd Term	25.99

4-780

Mason - Building / Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Building / Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
WAGES

NOTE: Shall include but not limited to Precast concrete slabs (London Walks)
Marble and Granite pavers 2'x 2' or larger.
Per Hour:

	07/01/2014
Stone Setter	$58.72
	plus $1.50*
Stone Tender	$40.54
	plus $1.50*

*Additional Amounts to be added to Wages and or Benifits.

SUPPLEMENTAL BENEFITS
Per Hour:

Stone Setter	$ 27.35
Stone Tender	17.45

OVERTIME PAY
See (*C, **E, Q) on OVERTIME PAGE
* On weekdays the eighth (8th) and ninth (9th) hours are time and one-half all work thereafter is paid at double the hourly rate.
** The first nine (9) hours on Saturday is paid at time and one-half all work thereafter is paid at double the hourly rate.

HOLIDAY
Paid: See (*18) on HOLIDAY PAGE
Overtime: See (5, 6, 10) on HOLIDAY PAGE
Paid: *Must work First 1/2.

REGISTERED APPRENTICES
Per Hour:

Stone Setter(800 hour) terms at the following Percentage of
Stone Setters wage rate per hour:

1st	2nd	3rd	4th	5th	6th
50%	60%	70%	80%	90%	100%

Supplemental Benefits:

All Apprentices $17.53

4-1Stn

Mason - Heavy&Highway 02/01/2015

JOB DESCRIPTION Mason - Heavy&Highway **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES
Per Hour: 07/01/2014

Pointer, Caulkers & Cleaners $47.41

SUPPLEMENTAL BENEFITS
Per Hour:

Pointer, Cleaners & Caulkers $ 24.60

OVERTIME PAY
See (B, E2, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:

One (1) year terms at the following wage rates.

1st	2nd	3rd	4th
$25.01	$27.25	$32.24	$38.66

Apprentices Supplemental Benefits:
(per hour paid)

$4.75	$9.70	$12.45	$12.45

4-1PCC

Operating Engineer - Building 02/01/2015

JOB DESCRIPTION Operating Engineer - Building **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Putnam, Queens, Richmond, Westchester

PARTIAL COUNTIES
Dutchess: that part of Dutchess County lying south of the North City Line of the City of Poughkeepsie.

WAGES
NOTE:Construction surveying
Party chief--One who directs a survey party
Instrument Man--One who runs the instrument and assists Party Chief.
Rodman--One who holds the rod and assists the Survey Crew

Wages:(Per Hour)	07/01/2014	07/01/2015
Building Constr:		
Party Chief	$57.27	
Instrument Man	$44.48	
Rodman	$28.71	
Steel Erection:		
		An additional
Party Chief	$58.50 plus $ 2.52*	$ 2.52*
Instrument Man	$45.53 plus 2.16*	$ 2.16*
Rodman	$30.43 plus 1.73*	$ 1.73*

Heavy Construction-NYC counties only:
Foundation, Excavation.

Party Chief	$62.61
Instument man	$46.00
Rodman	$38.61

* May be allocated between wages and benefits

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Classifications	$ 30.62
Premium*	
All Catergories	$ 42.74
Premium**	
All Classes	$ 54.84

*Apply to instances where 1-1/2 regular rate are paid
**Applies to instances where 2 times the regular rate are paid

OVERTIME PAY
See (A, B, E, Q) on OVERTIME PAGE
Code "A" applies to Building Construction and has double the rate after 7 hours on Saturdays.
Code "B" applies to Heavy Construction and Steel Erection and had double the rate after 8 hours on Saturdays.

HOLIDAY
Paid: See (5, 6, 8, 11, 12, 15, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 12, 25) on HOLIDAY PAGE

9-15Db

Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction — 02/01/2015

JOB DESCRIPTION Operating Engineer - Building, Maintenance, Steel Erection & Heavy Construction **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
STEEL ERECTION:

Group 1: Derrick, travelers, tower, crawler tower & climbing cranes

Group 2: Oiler (Truck Crane)

Group 3: Oiler (Crawler Crane)

BUILDING CONSTRUCTION:

Group 1: Installing, repairing, maintaining, dismantling of all equipment including Steel cutting& bending machines, mechanical heaters, mine hoists, climbing cranes, tower cranes, Linden Peine, Lorain, Liebherr, Mannes and machines of a similar nature;Well Point system, Deep Well pumps, Concrete mixers with loading devices, Concrete plants, motor generators (When used for temporary power and lights(Driving maintenance trucks and mounted-welded machines)-All Pumps(excluding River Cofferdam Pumps and Well Point Pumps), Motorized Concrete Buggies(When three or more are on jobsite), Skid-Steer and similar machines

Group 2:Maintenance of: Pumps, Generators,Mixers,Heaters

Group 3: Oilers of all gasoline, electric, deisel or air operated Gradalls; Concrete Pumps, Overhead Cranes in Power Houses,Assist in oiling, greasing and repairing of all machines, including: Driving Truck Cranes, Driving and operating Fuel and Grease Trucks, Cherry Pickers(Hydraulic Cranes) over 70,000 GVW and machines of a similar nature

Group 4: Oiler on Crawler Cranes, Backhoes, Trenching Machines, Gunite Machines, Compressors(3 or more in battery)

Group 5: Maintenance on Radiant Mechanical Heaters

HEAVY CONSTRUCTION (Excavation, Foundations, etc)

Group 1:Maintenance of: Generators, Light Towers

Group 2:Maintenance of: Pumps, Mixers including mudsucking

Group 3: Base Mounted Tower Cranes

Group 4: Installing, repairing, maintaining, dismantling(of all equipment including Steel cutting & Bending machines, Fusion Coupling Machines, Vermeer Trenching machines, on-site crushing plant, mechanical heaters(1 through 7),Mine hoists, Tower Cranes, Linden Peine, Lorrain, Lebherr, Mannes or machines of a similar nature, Wellpoints)-Driving maintenance trucks and truck mounted welding machines, burning, welding-operating of accumilator for shield-driven tunnels, in addition to the performance of other duties:Handling,installation, jointing, coupling of all perminent steel and plastic pipe. RIDE UPON MOLES-tunnel boring machines-MICRO TUNNELING SYSTEMS, All temporary pipefitting;When three or more motorized concrete buggies(Ride type)are utilized on the jobsite they shall be serviced, maintained and repaired by the maintenance engineer.The Operating Engineer on autogrades(C.M.I.)is to be assisted by the maintenance engineer who shall in addition perform other duties.

WAGES: Per hour:	07/01/2014	07/01/2015
Steel Erection:		An additional
Group 1	$ 62.68 plus $2.52*	$2.52*
Group 2	59.06 plus $2.42*	$2.42*
Group 3	46.47 plus $2.06*	$2.06*

Building Construction:	
Group 1	$ 59.67
Group 2	47.73
Group 3	57.03
Group 4	43.94
Group 5	38.76

Heavy Construction:	
Group 1	$ 44.73
Group 2	45.74
Group 3	82.93
Group 4	64.60

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Classifications	$ 20.00* plus $6.40

* This portion of benefits subject to same premium as wages.

OVERTIME PAY
See (D, O) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages Per Hour:

(1) year terms at the following wage rates:

Apprentices:	1st	2nd	3rd	4th.
07/01/2014	$28.12	$33.74	$36.55	$39.36

Supplemental Benefits:
Per Hour:
All Apprentices: $ 8.75*
* This portion of benefits subject to same premium as wages.

9-15Ab

Operating Engineer - Building / Heavy&Highway **02/01/2015**

JOB DESCRIPTION Operating Engineer - Building / Heavy&Highway **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
EQUIPMENT COVERED: Jet-Rodder/Vacuum Truck, Flusher, Sewer Rodder, Stetco Hoist and similar, Sewer Winch/Tugger Hoist and similar, Vacall/Vactor, Closed Circuit Television Inspection Equipment, Chemical Grouting Equipment and similar, John Beame, Meyers and similar.

Per Hour:	07/01/2014
Maintenance Engineer (Sewer Systems)	$ 64.60

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
Journeyman	$ 20.00* plus $ 6.40

*This porion of benefits subject to same premium as wages.

OVERTIME PAY
See (D, O) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:

(1) year terms at the following wage rates.

1st	2nd	3rd	4th
$28.12	$33.74	$36.55	$39.36

Suppllemental Benefits:
Per Hour:

All Apprentices:	$ 8.75*plus an additional $ 6.40

* This portion of benefits subject to the same premium as overtime wages

9-15Sewer

Operating Engineer - Building & Steel Erection — 02/01/2015

JOB DESCRIPTION Operating Engineer - Building & Steel Erection **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES

Per Hour:	07/01/2014
STEEL ERECTION:	
Three Drum Derricks	$ 82.66
Cranes,Two Drum Derricks, Hydraulic Cranes & Fork Lifts, Boom Trucks	$ 79.71
Compressors, Welding Machines, Bridge Inspection Machines, Moog and machines of a similar nature)	$ 50.24
Compressors(Not combined with welding machines)	$ 48.19
BUILDING CONSTRUCTION:	
Cranes, Stone Derrick, Boom Trucks, Hydraulic Cranes	$ 76.09
Double Drum	$ 72.18
4 Pole Hoists and Single Drum Hoists	$ 69.93
Fork Lifts,Plaster(Platform Machine)Plaster Bucket, Concrete Pumps and all other equipment used for hoisting	$ 64.17
House Cars and Rack & Pinion	$ 56.88
*House Cars (New Projects)	$ 46.66
Erecting and dismantling Cranes	$ 70.61

Compressors, Welding Machines(Cutting Concrete-Tank Work), Paint Spraying, Sand Blasting, Pumps(With the exclusion of concrete pumps), House Car (Settlement basis only), All Engines irrespective of power(Power-Vac)used to drive auxiliary equipment Air, Hydraulic,etc.,Boilers, Jacking System
$ 49.63

*APPLIES TO PROJECTS STARTED AFTER 07/01/2011.

APPLICABLE TO ALL CATEGORIES:
CRANES: Crawler Or Truck

	In Addition To Above Crane Rates
100' to 149' Boom	$ 1.75/hr
150' to 249' "	2.00/hr
250' to 349' "	2.25/hr
350' to 450' "	2.75/hr
Tower Crane	2.00/hr

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014
All Operator Classes	$ 18.70* plus $ 5.45

* This portion of the benefits is subject to the same premium as shown for overtime wages.

OVERTIME PAY
See (*C, **D, O) on OVERTIME PAGE
*Applies to Building Construction category
**Applies to Steel Erection

HOLIDAY
Paid: See (5, 6, 7, 8, 11, 12, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 8, 11, 12, 16) on HOLIDAY PAGE
Codes 8 and 12 apply ONLY to Steel Erection
Code 16 applies ONLY to Building Construction

REGISTERED APPRENTICES
Wage Per Hour:

Apprentices (1) year terms at the following rates:

1st	2nd	3rd
$34.04	$40.97	$47.89

Supplemental Benefits Per Hour:

Straight Time $ 8.70*
plus $ 5.45
* This portion of benefits subject to the same premium as shown for overtime wages.

9-14 B&S

Operating Engineer - Heavy Construction 02/01/2015

JOB DESCRIPTION Operating Engineer - Heavy Construction **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per Hour:
Group 1: Tower Crane/Climbing Crane

Group 2: Backhoes (Including all track and rubber tire backhoes over 37,000 lbs), Power Shovels, Steel Erection:Hydraulic Clam Shells,Moles and machines of a similar nature

Group 3: Mine Hoists, Cranes, etc, used as Mine Hoists

Group 4: Gradalls, Keystones, Cranes (With digging buckets), Bridge Cranes, Trenching Machines, Vermeer Cutter and machines of a similar nature

Group 5: Pile Drivers and Rigs (Employing Dock-Builders Foreman), Derrick Boats, Tunnel Shovels,

Group 6: All Drills and machines of a similar nature

Group 7: Back-Filling Machines and Cranes, Mucking Machines, Dual Drum Pavers

Group 8: Mixers (Concrete with loading attachment), Concrete Pavers, Cableways, Land Derricks, Power House (Low pressure units)

Group 9: Concrete Pumps, Concrete Plant, Stone Crushers, Double Drum Hoists, Power Houses (Other than above)

Group 10: Concrete Mixer

Group 11: Elevators

Group 12: Concrete Breaking Machines, Single Drum Hoists, Load Masters, Locomotives and Dinkies (Over 10 tons), Hydraulic Crane-Second Engineer

Group 13: On-Site Concrete Plant Engineers, On-Site Asphalt Plant Engineer and Vibratory Console

Group 14: Barrier Mover, Barrier Transport and machines of a similar nature

Group 15: Compressors (Portable, 3 or more), Truck Compressor (Engineer Driver), Tugger Machines, Well Point Pumps, Chum Drill

Group 16: Boilers(High pressure),Compressors, Pumps(River Cofferdam) and Welding Machines(except where arc is operated by another Operating Engineer) Push Button Machines, All Engines,irrespective of power(Power Pac) used to drive auxiliary equipment, Air, Hydraulic, etc.

Group 17: Utility-Horizontal Boring Rig

Group 18: Utility Compressors

Group 19: Paving-Asphalt Spreader, Autogrades (C.M.I.), Roto-Mill

Group 20: Paving-Asphalt Roller

Group 21 Paving-Asphalt Plant

Group 22: Roller (non paving, all sizes)

Group 23: Cherry Picker (Over 20 tons), Loader (Over 6 yards)

Group 24: Backhoes and Loaders (Up to 37,000lbs), Bulldozers, Scrapers, Turn-A-Pulls, Tugger Hoists, Tractors, Hysters, Rooustabout Cranes, Conveyers, Balast Regulators (Ride On), Track Removal Machine or similar, Motor Graders, Locomotives (10 tons and under),Curb & Gutter Pavers and machines of a similar nature

Group 25:Post Hole Digger,Ditch Winch, Road Finishing Machines, Rollers (5 tons and under, Dual Purpose Trucks,Forklifts, Dempsey Dumpsters, Fireman

Group 26: Oiler (Gradalls, Concrete Pumps, Cold Planers Grader)

Group 27: Oiler (Crawler Cranes, Backhoes, Trenching Machines, Compressors (3 or more in battery)

Group 28:Steam Equipment Operator (Water rigs, steam shovels, power boilers, derrick boats)

WAGES:(per hour)	07/01/2014
Group 1	$ 91.35
Group 2	76.45
Group 3	78.69
Group 4	76.98
Group 5	75.58
Group 6	72.80
Group 7	74.05
Group 8	72.11
Group 9	70.69
Group 10	67.88
Group 11	63.81
Group 12	65.09

Group 13	65.56
Group 14	59.43
Group 15	50.98
Group 16	47.79
Group 17	68.88
Group 18	47.53
Group 19	72.11
Group 20	70.39
Group 21	60.52
Group 22	70.39
Group 23	66.68
Group 24	64.87
Group 25	61.85
Group 26	58.85
Group 27	42.66
Group 28	61.85

Cranes: Crawler or Truck

100' to 149'	$0.50 per hour additional to above Crane Rates
150' to 249'	$0.75 per hour additional to above Crane Rates
250' to 349'	$1.00 per hour addiiional to above crane Rates
350' to 450'	$1.50 per hour additional to above crane Rates

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2014

Groups 1-22

Regular Time $ 18.70* plus $ 5.45

Groups 23-28

Regular Time $ 20.00* plus $6.40

* This portion of benefits subject to the same premium as shown for wages.

OVERTIME PAY

See (D, O) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES

Per Hour:

(1) year terms at the following wage rates:

	1st	2nd	3rd	
Groups 1-22	$34.04	$40.97	$47.89	
	1st	2nd	3rd	4th
Groups 23-28	$28.12	$33.74	$36.55	$39.36

Supplemental Benefits:

Per Hour:

Groups 1-22

Regular Time $ 8.70* plus $ 5.45

Groups 23-28

Regular Time $ 8.75* plus $6.40

* This portion of benefits is subject to the SAME PREMIUM as shown for overtime wages

9-14 HC

Operating Engineer - Marine Construction — 02/01/2015

JOB DESCRIPTION Operating Engineer - Marine Construction **DISTRICT** 4

ENTIRE COUNTIES

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

Per Hour:

DREDGING OPERATIONS	07/01/2014	10/01/2014
CLASS A		
Operator, Leverman, Lead Dredgeman	$ 34.73	$ 35.63
CLASS A1 Dozer,Front Loader Operator	To conform to Operating Engineer Prevailing Wage in locality where work is being performed including benefits.	
CLASS B		
Spider/Spill Barge Operator, Tug Operator(over1000hp), OperatorII, Fill Placer, Derrick Operator, Engineer, Chief Mate, Electrician, Chief Welder, Maintenance Engineer	$ 30.05	$ 30.81
Certified Welder, Boat Operator(licensed)	$ 28.30	$ 29.01
CLASS C		
Drag Barge Operator, Steward, Mate, Assistant Fill Placer,	$ 27.54	$ 28.22
Welder (please add)$ 0.06		
Boat Operator	$ 26.55	$ 27.30
CLASS D		
Shoreman, Deckhand, Rodman, Scowman, Cook, Messman, Porter/Janitor	$ 22.17	$ 22.68
Oiler(please add)$ 0.09		

SUPPLEMENTAL BENEFITS

Per Hour:

THE FOLLOWING SUPPLEMENTAL BENEFITS APPLY TO ALL CATEGORIES

	07/01/2014	10/01/2014
All Classes A & B	$ 9.42 plus 8% of straight time wage, Overtime hours add $ 0.63	$ 9.99 plus 8% of straight time wage, Overtime hours add $ 0.63
All Class C	$ 9.12 plus 8% of straight time wage, Overtime hours add $ 0.48	$ 9.69 plus 8% of straight time wage, Overtime hours add $ 0.48
All Class D	$ 8.82 plus 8% of straight time wage, Overtime hours add $ 0.33	$ 9.39 plus 8% of straight time wage, Overtime hours add $ 0.33

OVERTIME PAY

See (B, F, R) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 15, 26) on HOLIDAY PAGE

4-25a-MarConst

Operating Engineer - Survey Crew - Consulting Engineer **02/01/2015**

JOB DESCRIPTION Operating Engineer - Survey Crew - Consulting Engineer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

PARTIAL COUNTIES
Dutchess: That part in Duchess County lying South of the North City line of Poughkeepsie.

WAGES
Feasibility and preliminary design surveying, any line and grade surveying for inspection or supervision of construction.

Per hour: Survey Classifications	07/01/2014	07/01/2015 Additional	07/01/2016 Additional
Party Chief	$35.55 + $1.06*	$1.63*	$2.24*
Instrument Man	29.41 + 0.94*	1.44*	1.98*
Rodman	25.54 + 0.86*	1.32*	1.82*

* To be allocated at a future date

SUPPLEMENTAL BENEFITS
Per Hour:

All Crew Members:	$17.90	$17.90	$17.90

OVERTIME PAY
OVERTIME:.... See (B, E*, Q, V) ON OVERTIME PAGE.
*Doubletime paid on the 9th hour on Saturday.

HOLIDAY
Paid: See (5, 6, 7, 11, 16) on HOLIDAY PAGE
Overtime: See (5, 6, 7, 11, 16) on HOLIDAY PAGE

9-15dconsult

Painter **02/01/2015**

JOB DESCRIPTION Painter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Suffolk, Westchester

WAGES

Per hour:	07/01/2014
Brush	$ 43.75
Abatement/Removal of lead based or lead containing paint on materials to be repainted.	$ 43.75
Spray & Scaffold	$ 46.75
Fire Escape	$ 46.75
Decorator	$ 46.75
Paperhanger/Wall Coverer	$ 41.08

SUPPLEMENTAL BENEFITS

Per hour worked:	07/01/2014
Paperhanger	$ 29.33
All others	$ 20.97
Premium*	$ 23.47*

*Applies only to "All others" catergory,not paperhanger journeyman.

OVERTIME PAY
See (A, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES

Indentured after 5/31/93 (1) year terms at the following wage rate.
(per hour)

	07/01/2014
Appr 1st term...	$ 16.55
Appr 2nd term...	$ 21.66
Appr 3rd term...	$ 26.24
Appr 4th term...	$ 35.02

Spplemental benefis:
(per Hour worked)

Appr 1st term...	$ 10.23
Appr 2nd term...	$ 12.92
Appr 3rd term...	$ 15.20
Appr 4th term...	$ 19.70

8-NYDC9-B/S

Painter — 02/01/2015

JOB DESCRIPTION Painter **DISTRICT** 8

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

PARTIAL COUNTIES
Nassau: Atlantic Beach, Ceaderhurst, East Rockaway,Hewlett, Hewlett Bay, Hewlett Neck, Hewlett Park, Inwood, Lawrence, Lido Beach, Long Beach, parts of Lynbrook, parts of Oceanside, parts of Valley Stream, and Woodmere. Starting on South side of Sunrise Hwy in Valley Stream running east to Windsor and Rockaway Ave, Rockville is the boundary line up to Lawson Blvd, turning right going west all the above territory. Starting at Union Turnpike &Lakeville Rd going north to northern Blvd. the west side of Lakeville Rd to Northern Blvd. At Northern Blvd doing east the district north of Northern blvd to Port Washington blvd. West of Port Washington blvd to St.Francis Hospital then north of first traffic light to Port Washington & Sands Point, Manor Haven, & Harbour Acres.

WAGES

Per hour:	07/01/2014	12/31/2014	07/01/2015
Drywall Taper	$ 45.32	$ 45.82	$ 46.32

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	12/31/2014	07/01/2015
Journeyworker:	$ 23.03	$ 23.03	$ 23.03

OVERTIME PAY
See (A, H) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6, 8, 11, 18, 19, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wage per hour:

12 months' terms(year consists of 1500 hours).

	07/01/2014	12/31/2014	07/01/2015
1st year	$ 18.13	$ 18.33	$ 18.53
2nd year	$ 27.20	$ 27.50	$ 27.80
3rd year	$ 36.26	$ 36.66	$ 37.06

Supplemental Benefits per hour worked:

One (1) year term at the following dollar amount:

1st term	$ 10.25	$ 10.25	$ 10.25
2nd term	$ 16.43	$ 16.43	$ 16.43
3rd term	$ 19.25	$ 19.25	$ 19.25

8-NYC9-1974-DWT

Painter - Bridge & Structural Steel — 02/01/2015

JOB DESCRIPTION Painter - Bridge & Structural Steel **DISTRICT** 8

ENTIRE COUNTIES
Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES
Per Hour Worked:
STEEL:

Bridge Painting:	07/01/2014	10/01/2014
From May 1st to Nov. 15th -		
	$ 47.00	$ 48.75
	+ 5.38*	+ 5.63*
From Nov. 16th to April 30th -		
	$ 47.00	$ 48.75
	+ 5.38*	+ 5.63*

*Not subject to overtime and limited to first 40 hours
NOTE: All premium wages are to be calculated on $47.00 or $48.75 per hour only.

EXCEPTION: During the period of May 1st to November 15th, for the first and last week of employment on the project, and for the weeks of Memorial Day, Independence Day and Labor Day, this rate shall be paid for the actual number of hours worked.

Power Tool/Spray is an additional $6.00 per hour above hourly rate, whether straight time or overtime

NOTE: Generally, for Bridge Painting Contracts, ALL WORKERS on and off the bridge (including Flagmen) are to be paid Painter's Rate; the contract must be ONLY for Bridge Painting.

SUPPLEMENTAL BENEFITS
Per Hour Worked:

Journeyworker:	07/01/2014	10/01/2014
From May 1st to Nov. 15th -		
Hourly Rate up to 40 hours	$ 28.20	$ 28.95
Hourly Rate after 40 hours	7.50	7.50
From Nov. 16th to April 30th -		
Hourly Rate up to 50 hours	28.20	28.95
Hourly Rate after 50 hours	7.50	7.50

EXCEPTION: During the period of May 1st to November 15th, for the first and last week of employment on the project, and for the weeks of Memorial Day, Independence Day and Labor Day, this rate shall be paid for the actual number of hours worked.

OVERTIME PAY
See (A, F, R) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (4, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(Wage per hour Worked):

Apprentices: (1) year terms

	07/01/2014	10/01/2014
1st 90 days	$ 20.96	$ 21.76
1st year after 90 days	20.96	21.76
2nd year	31.43	32.63
3rd year	41.91	43.51

Supplemental Benefits per hour worked:

	07/01/2014	10/01/2014
1st 90 days	$ 8.29	$ 8.59
1st year after 90 days	8.54	8.84
2nd year	16.93	17.38
3rd year	22.57	26.17

8-DC-9/806/155-BrSS

Painter - Line Striping **02/01/2015**

JOB DESCRIPTION Painter - Line Striping **DISTRICT** 8

ENTIRE COUNTIES

Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

WAGES
Per hour:

Painter (Striping-Highway):	07/01/2014
Striping-Machine Operator*	$ 27.11
Linerman Thermoplastic	$ 32.37

Note: * Includes but is not limited to: Positioning of cones and directing of traffic using hand held devices. Excludes the Driver/Operator of equipment used in the maintenance and protection of traffic safety

Four (4), ten (10) hour days may be worked at straight time during a week.

NOTE - In order to use the '4 Day/10 Hour Work Schedule,' you must submit an 'Employer Registration for Use of 4 Day/10 Hour Work Schedule,' form PW30R; additionally, there must be a dispensation of hours in place on the project.

SUPPLEMENTAL BENEFITS
Per hour paid: 07/01/2014
Journeyworker:

Striping-Machine operator	$ 14.18
Linerman Thermoplastic	$ 14.55

OVERTIME PAY
See (B, E, E2, F, S) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 20) on HOLIDAY PAGE
Overtime: See (5, 8, 11, 12, 15, 16, 17, 20, 21, 22) on HOLIDAY PAGE

8-1456-LS

Painter - Metal Polisher — 02/01/2015

JOB DESCRIPTION Painter - Metal Polisher **DISTRICT** 8

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

	07/01/2014
Metal Polisher	$ 27.15
Metal Polisher**	28.24
Metal Poilsher***	30.65

**Note: Applies on New Construction & complete renovation
*** Note: Applies when working on scaffolds over 34 feet.

SUPPLEMENTAL BENEFITS
Per Hour: 07/01/2014

Journeyworker:

All classification	$ 13.61

OVERTIME PAY
See (B, E, E2, P, T) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE
Overtime: See (5, 6, 9, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages per hour:
One (1) year term at the following wage rates:

1st	2nd	3rd
$11.00	$12.50	$15.50

Supplentals benefits:
Per hour paid:

1st	2nd	3rd
$ 9.94	$10.31	$10.51

8-8A/28A-MP

Plasterer — 02/01/2015

JOB DESCRIPTION Plasterer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, New York, Richmond

WAGES
Per hour: 07/01/2014

Plasterer/Traditional $ 35.53

SUPPLEMENTAL BENEFITS
Per hour worked:

Journeyworker $ 25.19

OVERTIME PAY
See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 8, 11, 13, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Wages:
(per hour paid):

(1) year terms at the following percentage of Journeyworkers wage.

First year:	1st 6 months	2nd 6 months
	40%	45%
Second year:	1st 6 months	2nd 6 months
	55%	60%
Third year:	1st 6 months	2nd 6 months
	70%	75%

Supplemental Benefits:
(per hour paid):
(1) year term broken down into six months period:

First year:	
1st six months	$ 9.35
2nd six months	$ 10.58
Second year:	
1st six months	$ 12.58
2nd six months	$ 13.59
Third year:	
1st six months	$ 15.61
2nd six months	$ 16.64

9-530-Z2

Plumber — 02/01/2015

JOB DESCRIPTION Plumber **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per hour worked:

	07/01/2014	10/01/2014	01/01/2015	04/01/2015 An Additional
Plumber	$ 65.55	$ 65.55	$ 65.55	
Temporary				

Service**	52.52	52.52	52.52	
Repairs & Maintenance***	38.55	39.05	39.05	$ 0.75*

* To be allocated

** Temporary Service- Includes Maintenance of cooling & heating apparatus, maintenance work on pneumatic systems during the construction period, and work on temporary heat. All hours paid at straight time, including holidays.

***THERE ARE NO HELPERS UNDER THIS CLASSIFICATION; WHEN USING APPRENTICES, MUST FOLLOW RATIO FOR PLUMBERS

***Repair & Maintenance work is any repair and/or replacement of present plumbing system that does not change existing roughing or water supply lines.

On tower work, bridges, elevated highway, or buildings, where pipe is being installed, fifty (50) or more feet vertically in a free drop from its base,an additional $1.00 per hour.

SHIFT WORK:
Shift work,when directly specified in public agency or authority contract documents, and continues for a period of not less than ten (10) consecutive work days. A shift shall consist of seven(7) hours with one-half (1/2) hour for lunch after the first four (4) hours of each shift. A premium of thirty percent (30%) for wages and supplemental benefits on shift work performed Monday through Friday on the 4 P.M.and midnight shifts.
For shift work performed on weekends the shift premium shall be fifty percent (50%) of wages and supplemental benefits.
For shift work performed on holidays designated below, double time wages and supplemental benefits shall be paid. Also noted that the normal workday Monday through Friday 8:00 A.M. to 3:00 P.M. is not considered shift work, and therefore not subject to shift premium.

SUPPLEMENTAL BENEFITS

Per hour worked:

	07/01/2014	10/01/2014	01/01/2015
Plumber	$ 25.50	$ 25.50	$ 26.80
Temporary Service	19.92	19.92	20.96
Repair & Maintenance	12.56	13.06	13.06

OVERTIME PAY

Plumber	See (C, O, V) on OVERTIME PAGE.
Repairs & Maintenance	See (B, H) on OVERTIME PAGE.

When calculating premium pay, subtract $ 0.28 from regular hourly wage rate.

HOLIDAY

Plumber	
Overtime:	See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE.
Repairs & Maintenance	
Paid:	See (1) on HOLIDAY PAGE.
Overtime:	See (5, 6, 25) on HOLIDAY PAGE.

REGISTERED APPRENTICES

Wages per hour:

(1/2) year terms at the following wage:

1st&2nd	3rd&4th	5th&6th	7th&8th	9th	10th
$ 14.28	$ 24.15	$ 26.25	$ 29.10	$ 30.50	$ 42.57

Supplemental Benefits per hour paid:
(1/2) year term at the following dollar amount:

1st	2nd	3rd-10th
$ .43	$ 2.68	$ 11.18

Note: The Repairs & Maintenance Category has NO Apprentices.

9-1

Roofer **02/01/2015**

JOB DESCRIPTION Roofer **DISTRICT** 9

ENTIRE COUNTIES
Bronx, Dutchess, Kings, New York, Orange, Putnam, Queens, Richmond, Rockland, Sullivan, Ulster, Westchester

WAGES

Per Hour:	07/01/2014	07/01/2015
Roofer/Waterproofer	$ 40.70	An additional $ 1.50*

* May be allocated between wages and benefits
Note: Abatement/Removal of Asbestos containing roofs and roofing material is classified as Roofer.

SUPPLEMENTAL BENEFITS
Journeyworker $ 29.46

OVERTIME PAY
See (B, H) on OVERTIME PAGE
Note: An observed holiday that falls on a Sunday will be observed the following Monday.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES
(1) year terms at the following percentage of Journeyworkers hourly wage.

1st	2nd	3rd	4th
35%	50%	60%	75%

Supplements per hour paid at the following rates:

1st	2nd	3rd	4th
$ 2.70	$ 15.02	$ 17.90	$ 22.25

9-8R

Sheetmetal Worker — 02/01/2015

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Sheetmetal Worker	$ 50.67
Temporary Operation or Maintenace of Fans	40.42

SUPPLEMENTAL BENEFITS

Per Hour:	
Sheetmetal Worker	$ 39.91
Maintenance Worker	39.91

OVERTIME PAY
See (A, E, E2, Q, V) on OVERTIME PAGE
For Maintenance See Codes B,E, Q & V

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:Wages

Six(6) Month Terms As Follows:

1st Term	$ 14.35
2nd Term	17.72
3rd Term	22.12
4th Term	24.89
5th Term	26.24
6th Term	28.45
7th Term	34.53

8th Term	37.23
9th Term	40.34

Per Hour: Supplemental Benifits

1st Term	$ 5.50
2nd Term	14.80
3rd Term	21.51
4th Term	23.31
5th Term	24.94
6th Term	27.04
7th Term	30.60
8th Term	31.77
9th Term	32.94

4-28

Sheetmetal Worker — 02/01/2015

JOB DESCRIPTION Sheetmetal Worker **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

WAGES

Per Hour:	07/01/2014	08/01/2014
Sign Erector	$ 44.20	$ 45.60

NOTE: Overhead Highway Signs and Structurally Supported Signs(See IRON WORKER CLASS)

SUPPLEMENTAL BENEFITS

Per Hour:	07/01/2014	08/01/2014
Sign Erector	$ 38.22	$ 40.25

OVERTIME PAY
See (A, F, S) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE
Overtime: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
Per Hour:
6 month Terms at the following percentage of Sign Erectors wage rate:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
35%	40%	45%	50%	55%	60%	65%	70%	75%	80%

SUPPLEMENTAL BENEFITS
Per Hour:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
$11.08	$12.55	$14.04	$15.51	$21.93	$23.86	$26.46	$28.45	$30.42	$32.40

4-137-SE

Steamfitter — 02/01/2015

JOB DESCRIPTION Steamfitter **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014
Steam/Sprinkler Fitter	$ 58.81
Temporary	$ 44.71

Heat & AC

NOTE: Add 30% to Hourly Wage for "Contracting Agency" Mandated Off Shift Work.

SUPPLEMENTAL BENEFITS
Per Hour:

Steam/Sprinkler Fitter	$ 45.67
Temporary Heat & AC	$ 37.26

OVERTIME PAY
See (C, *D, O, V) on OVERTIME PAGE
(*D) On all HVAC and Mechanical contracts that do not excedd $15,000,000. and on all fire protection/sprinklet contracts that do not exceed $1,500,000.

HOLIDAY
Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

REGISTERED APPRENTICES
1 year Terms at the Following:

WAGES per hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
$ 23.56	$ 29.44	$ 38.25	$ 47.06	$ 50.00

SUPPLEMENTAL BENEFIT
Per Hour:

1st Term	2nd Term	3rd Term	4th Term	5th Term
$ 18.79	$ 23.29	$ 29.99	$ 36.71	$ 38.95

4-638A-StmSpFtr

Steamfitter 02/01/2015

JOB DESCRIPTION Steamfitter **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

WAGES

Per Hour:	07/01/2014	01/01/2015 Additional
AC Service/Heat Service Steamfitter Maintenance	$ 38.30	$ 0.75*

Refrigeration, A/C, Oil Burner and Stoker Service and Repair.
Refrigeration Compressor installation up to 5hp (combined).
Air Condition / Heating Compressor installation up to 10hp (combined).

(*)To be allocated at a later date

SUPPLEMENTAL BENEFITS
Per Hour

AC Service/Heat Service Steamfitter Maintenance	$ 9.70

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 25, 26) on HOLIDAY PAGE

4-638B-StmFtrRef

Teamster - Heavy Construction 02/01/2015

JOB DESCRIPTION Teamster - Heavy Construction **DISTRICT** 4

ENTIRE COUNTIES
Bronx, Kings, New York, Queens, Richmond

WAGES
Per Hour:

Dump Trucks/Drivers (Debris Removal, Street Level and below)

	07/01/2014
Dump Trucks	$ 38.855
Tractor Trailers	$ 38.875
Euclid/Turnapull	$ 39.44

SUPPLEMENTAL BENEFITS
Per Hour:

Dump Trucks	
Up to 40 Hours Worked	$ 40.84
Over 40 Hours Worked	$ 14.90
ALL OTHERS	
uUp to 40 Hours Worked	$ 41.70
Over 40 Hours Worked	$ 14.50

OVERTIME PAY
See (B, E, Q) on OVERTIME PAGE

HOLIDAY
Paid: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE
Note: Employees receive 2 hours of Holiday Pay for each day worked in holiday week (not to exceed 8 hours)

4-282

Welder **02/01/2015**

JOB DESCRIPTION Welder **DISTRICT** 1

ENTIRE COUNTIES
Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES
Per hour 07/01/2014

Welder (To be paid the same rate of the mechanic performing the work)

OVERTIME PAY

HOLIDAY

1-As Per Trade

Overtime Codes

Following is an explanation of the code(s) listed in the OVERTIME section of each classification contained in the attached schedule. Additional requirements may also be listed in the HOLIDAY section.

NOTE: Supplemental Benefits are 'Per hour worked' (for each hour worked) unless otherwise noted

(AA)	Time and one half of the hourly rate after 7 and one half hours per day
(A)	Time and one half of the hourly rate after 7 hours per day
(B)	Time and one half of the hourly rate after 8 hours per day
(B1)	Time and one half of the hourly rate for the 9th & 10th hours week days and the 1st 8 hours on Saturday. Double the hourly rate for all additional hours
(B2)	Time and one half of the hourly rate after 40 hours per week
(C)	Double the hourly rate after 7 hours per day
(C1)	Double the hourly rate after 7 and one half hours per day
(D)	Double the hourly rate after 8 hours per day
(D1)	Double the hourly rate after 9 hours per day
(E)	Time and one half of the hourly rate on Saturday
(E1)	Time and one half 1st 4 hours on Saturday; Double the hourly rate all additional Saturday hours
(E2)	Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
(E3)	Between November 1st and March 3rd Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather, provided a given employee has worked between 16 and 32 hours that week
(E4)	Saturday and Sunday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
(E5)	Double time after 8 hours on Saturdays
(F)	Time and one half of the hourly rate on Saturday and Sunday
(G)	Time and one half of the hourly rate on Saturday and Holidays
(H)	Time and one half of the hourly rate on Saturday, Sunday, and Holidays
(I)	Time and one half of the hourly rate on Sunday
(J)	Time and one half of the hourly rate on Sunday and Holidays
(K)	Time and one half of the hourly rate on Holidays
(L)	Double the hourly rate on Saturday
(M)	Double the hourly rate on Saturday and Sunday
(N)	Double the hourly rate on Saturday and Holidays
(O)	Double the hourly rate on Saturday, Sunday, and Holidays
(P)	Double the hourly rate on Sunday
(Q)	Double the hourly rate on Sunday and Holidays
(R)	Double the hourly rate on Holidays
(S)	Two and one half times the hourly rate for Holidays, if worked

(S1) Two and one half times the hourly rate the first 8 hours on Sunday or Holidays One and one half times the hourly rate all additional hours.

(T) Triple the hourly rate for Holidays, if worked

(U) Four times the hourly rate for Holidays, if worked

(V) Including benefits at SAME PREMIUM as shown for overtime

(W) Time and one half for benefits on all overtime hours.

Holiday Codes

PAID Holidays:

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

OVERTIME Holiday Pay:

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays. The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Following is an explanation of the code(s) listed in the HOLIDAY section of each classification contained in the attached schedule. The Holidays as listed below are to be paid at the wage rates at which the employee is normally classified.

(1)	None
(2)	Labor Day
(3)	Memorial Day and Labor Day
(4)	Memorial Day and July 4th
(5)	Memorial Day, July 4th, and Labor Day
(6)	New Year's, Thanksgiving, and Christmas
(7)	Lincoln's Birthday, Washington's Birthday, and Veterans Day
(8)	Good Friday
(9)	Lincoln's Birthday
(10)	Washington's Birthday
(11)	Columbus Day
(12)	Election Day
(13)	Presidential Election Day
(14)	1/2 Day on Presidential Election Day
(15)	Veterans Day
(16)	Day after Thanksgiving
(17)	July 4th
(18)	1/2 Day before Christmas
(19)	1/2 Day before New Years
(20)	Thanksgiving
(21)	New Year's Day
(22)	Christmas
(23)	Day before Christmas
(24)	Day before New Year's
(25)	Presidents' Day
(26)	Martin Luther King, Jr. Day
(27)	Memorial Day

New York State Department of Labor - Bureau of Public Work
State Office Building Campus
Building 12 - Room 130
Albany, New York 12240

REQUEST FOR WAGE AND SUPPLEMENT INFORMATION

As Required by Articles 8 and 9 of the NYS Labor Law

Fax (518) 485-1870 or mail this form for new schedules or for determination for additional occupations.

This Form Must Be Typed

Submitted By: (Check Only One) ☐ Contracting Agency ☐ Architect or Engineering Firm ☐ Public Work District Office Date:

A. Public Work Contract to be let by: (Enter Data Pertaining to Contracting/Public Agency)

1. Name and complete address ☐ (Check if new or change)

Telephone: ( ) Fax: ( )
E-Mail:

2. NY State Units (see Item 5)

- ☐ 01 DOT
- ☐ 02 OGS
- ☐ 03 Dormitory Authority
- ☐ 04 State University Construction Fund
- ☐ 05 Mental Hygiene Facilities Corp.
- ☐ 06 OTHER N.Y. STATE UNIT
- ☐ 07 City
- ☐ 08 Local School District
- ☐ 09 Special Local District, i.e., Fire, Sewer, Water District
- ☐ 1O Village
- ☐ 11 Town
- ☐ 12 County
- ☐ 13 Other Non-N.Y. State (Describe)

3. SEND REPLY TO ☐ check if new or change)
Name and complete address:

Telephone:( ) Fax: ( )
E-Mail:

4. SERVICE REQUIRED. Check appropriate box and provide project information.

- ☐ New Schedule of Wages and Supplements.
  APPROXIMATE BID DATE :
- ☐ Additional Occupation and/or Redetermination

PRC NUMBER ISSUED PREVIOUSLY FOR THIS PROJECT :

OFFICE USE ONLY

B. PROJECT PARTICULARS

5. Project Title _____

Description of Work _____

Contract Identification Number _____

Note: For NYS units, the OSC Contract No. _____

6. Location of Project:
Location on Site _____

Route No/Street Address _____

Village or City _____

Town _____

County _____

7. Nature of Project - Check One:

- ☐ 1. New Building
- ☐ 2. Addition to Existing Structure
- ☐ 3. Heavy and Highway Construction (New and Repair)
- ☐ 4. New Sewer or Waterline
- ☐ 5. Other New Construction (Explain)
- ☐ 6. Other Reconstruction, Maintenance, Repair or Alteration
- ☐ 7. Demolition
- ☐ 8. Building Service Contract

8. OCCUPATION FOR PROJECT :

- ☐ Construction (Building, Heavy Highway/Sewer/Water)
- ☐ Tunnel
- ☐ Residential
- ☐ Landscape Maintenance
- ☐ Elevator maintenance
- ☐ Exterminators, Fumigators
- ☐ Fire Safety Director, NYC Only
- ☐ Guards, Watchmen
- ☐ Janitors, Porters, Cleaners, Elevator Operators
- ☐ Moving furniture and equipment
- ☐ Trash and refuse removal
- ☐ Window cleaners
- ☐ Other (Describe)

9. Has this project been reviewed for compliance with the Wicks Law involving separate bidding? YES ☐ NO ☐

10. Name and Title of Requester

Signature

SEE PAGE TWO FOR LAWS RELATING TO PUBLIC WORK CONTRACTS

NEW YORK STATE DEPARTMENT OF LABOR
Bureau of Public Work - Debarment List

LIST OF EMPLOYERS INELIGIBLE TO BID ON OR BE AWARDED ANY PUBLIC WORK CONTRACT

Under Article 8 and Article 9 of the NYS Labor Law, a contractor, sub-contractor and/or its successor shall be debarred and ineligible to submit a bid on or be awarded any public work or public building service contract/sub-contract with the state, any municipal corporation or public body for a period of five (5) years from the date of debarment when:

- Two (2) final determinations have been rendered within any consecutive six-year (6) period determining that such contractor, sub-contractor and/or its successor has WILLFULLY failed to pay the prevailing wage and/or supplements
- One (1) final determination involves falsification of payroll records or the kickback of wages and/or supplements

NOTE: The agency issuing the determination and providing the information, is denoted under the heading 'Fiscal Officer'. DOL = NYS Dept. of Labor; NYC = New York City Comptroller's Office; AG = NYS Attorney General's Office; DA = County District Attorney's Office.

A list of those barred from bidding, or being awarded, any public work contract or subcontract with the State, under section 141-b of the Workers' Compensation Law, may be obtained at the following link, on the NYS DOL Website:

https://dbr.labor.state.ny.us/EDList/searchPage.do

NYSDOL Bureau of Public Work Debarment List 02/25/2015

Article 8

AGENCY	Fiscal Officer	FEIN	EMPLOYER NAME	EMPLOYER DBA NAME	ADDRESS	DEBARMENT START DATE	DEBARMENT END DATE
DOL	DOL		4618 FOSTER AVE LLC		C/O KAHAN & KAHAN 225 BROADWAY-SUITE 715NEW YORK NY 10007	02/05/2013	02/05/2018
DOL	DOL	*****0711	A ULIANO & SON LTD		22 GRIFFEN COURT MILLER PLACE NY 11746	10/26/2010	10/26/2015
DOL	DOL		A ULIANO CONSTRUCTION		22 GRIFFEN COURT MILLER PLACE NY 11746	10/26/2010	10/26/2015
DOL	NYC	*****4486	ABBEY PAINTING CORP		21107 28TH AVENUE BAYSIDE NY 11360	07/02/2012	07/02/2017
DOL	DOL	*****9095	ABDO TILE CO		6179 EAST MOLLOY ROAD EAST SYRACUSE NY 13057	06/25/2010	07/02/2017
DOL	DOL	*****9095	ABDO TILE COMPANY		6179 EAST MOLLOY ROAD EAST SYRACUSE NY 13057	06/25/2010	07/02/2017
DOL	DOL	*****8488	ABELCRAFT OF NEW YORK CORP		640 ASHFORD AVENUE ARDSLEY NY 10502	08/27/2013	08/27/2018
DOL	DOL	*****1219	ABSOLUTE GENERAL CONTRACTING INC		1229 AVENUE U BROOKLYN NY 11229	01/28/2013	01/28/2018
DOL	DOL	*****4539	ACCOMPLISHED WALL SYSTEMS INC		112 OSCAWANA HEIGHTS ROAD PUTNAM VALLEY NY 10542	08/27/2013	08/27/2018
DOL	DOL	*****8018	ACCURATE MECHANICAL LLC		9547 BUSTLETON AVENUE PHILADELPHIA PA 19115	02/05/2014	02/05/2019
DOL	DOL		ACCURATE MECHANICAL OF PHILADELPHIA LLC		9547 BUSTLETON AVENUE PHILADELPHIA PA 19115	02/05/2014	02/05/2019
DOL	DOL		ADAM A CEMERYS		2718 CURRY ROAD SCHENECTADY NY 12303	07/08/2010	07/08/2015
DOL	DOL	*****7584	ADAM'S FLOOR COVERING LLC		2718 CURRY ROAD SCHENECTADY NY 12303	07/08/2010	02/15/2017
DOL	DOL		ADESUWA UWUIGBE		P O BOX 21-1022 BROOKLYN NY 11221	05/16/2012	05/16/2017
DOL	NYC		ADRIANA SELA	C/O COLONIAL ROOFING COMPANY INC	247 48TH STREET BROOKLYN NY 11220	02/05/2014	02/05/2019
DOL	DOL	*****6367	ADVANCED METALS		387 RIVERSIDE DRIVE JOHNSON CITY NY 13790	10/01/2012	10/01/2017
DOL	DOL		AFFORDABLE PAINTING PLUS		367 GREEVES ROAD NEW HAMPTON NY 10958	10/01/2010	10/01/2015
DOL	DOL	*****2538	AGG MASONRY INC		160 72ND ST - SUITE 721 BROOKLYN NY 11209	03/19/2013	03/19/2018
DOL	DOL		ALBERT CASEY		43-28 54TH STREET WOODSIDE NY 11377	07/01/2011	07/01/2016
DOL	DOL		ALEJANDRO MATOS		C/O SEVEN STAR ELECTRICAL 23-24 STEINWAY STREETASTORIA NY 11105	06/27/2011	06/27/2016
DOL	DOL		ALISHER KARIMOV		C/O AGG MASONRY INC 7105 3RD AVENUEBROOKLYN NY 11209	03/19/2013	03/19/2018
DOL	DOL	*****8740	ALLSTATE ENVIRONMENTAL CORP		C/O JOSE MONTAS 27 BUTLER PLACEYONKERS NY 10710	03/18/2011	03/15/2017
DOL	DOL	*****8534	ALPHA INTERIORS INC		513 ACORN STREET/ SUITE C DEER PARK NY 11729	05/27/2010	05/27/2015
DOL	DOL	*****4274	AMERICAN STEEL MECHANICAL INC		693 PAINTER STREET MEDIA PA 19063	02/20/2013	02/20/2018
DOL	NYC		ANDERSON LOPEZ		670 SOUTHERN BLVD BRONX NY 10455	06/14/2011	06/14/2016
DOL	DOL		ANDREW DIPAUL		C/O CONSOLIDATED INDUSTRI 2051 ROUTE 44/55MODENA NY 12548	12/11/2012	12/11/2017
DOL	NYC		ANDRZEJ WROBEL		24 CONGRESS LANE SOUTH RIVER NJ 08882	05/01/2013	05/01/2018
DOL	DOL	*****7004	ANNEX CONTRACTING LTD		3005 WYNSUM AVENUE MERRICK NY 11566	08/18/2014	08/18/2019
DOL	DOL	*****7004	ANNEX GENERAL CONTRACTING INC		3005 WYNSUM AVENUE MERRICK NY 11566	08/18/2014	08/18/2019
DOL	DA		ANTHONY CARDINALE		58-48 59TH STREET MASPETH NY 11378	05/16/2012	05/16/2017
DOL	DOL		ANTHONY ULIANO		22 GRIFFEN COURT MILLER PLACE NY 11746	10/26/2010	10/26/2015
DOL	DOL	*****3020	APCO CONTRACTING CORP		24 SOUTH MARYLAND AVENUE PORT WASHINGTON NY 11050	09/24/2012	09/24/2017
DOL	DOL	*****3219	APOLLO CONSTRUCTION SERVICES CORP	APOLLO PAINTING CO	157 TIBBETTS ROAD YONKERS NY 10705	03/12/2014	03/12/2019

DOL	DOL		APOLLO PAINTING CO		157 TIBBETTS ROAD YONKERS NY 10705	03/12/2014	03/12/2019
DOL	DOL	*****3295	APOLLO PAINTING CORP		3 ALAN B SHEPART PLACE YONKERS NY 10705	03/12/2014	03/12/2019
DOL	AG	*****0194	APPLIED CONSTRUCTION INC		46 RUGBY ROAD WESTBURY NY 11590	11/20/2013	11/20/2018
DOL	NYC	*****8403	AQUA JET PAINTING CORP		10 VIKING DRIVE WEST ISLIP NY 11795	04/16/2014	04/16/2019
DOL	DOL	*****3953	ASCAPE LANDSCAPE & CONSTRUCTION CORP		634 ROUTE 303 BLAUVELT NY 10913	07/26/2012	11/19/2018
DOL	DOL		AVIS R HILL		3510 HICKORY WALK LANE ELLENWOOD GA 32094	01/22/2015	01/22/2020
DOL	DOL	*****2534	B & B CONCRETE CONTRACTORS INC		55 OLD TURNPIKE ROAD SUITE 612NANUET NY 10954	02/04/2011	02/04/2016
DOL	NYC		BASIL ROMEO		243-03 137TH AVENUE ROSEDALE NY 11422	03/25/2010	03/25/2015
DOL	DOL	*****2294	BEDELL CONTRACTING CORP		2 TINA LANE HOPEWELL JUNCTION NY 12533	01/06/2012	01/06/2017
DOL	DOL		BENNY VIGLIOTTI		C/O LUVIN CONSTRUCTION CO P O BOX 357CARLE PLACE NY 11514	03/15/2010	03/15/2015
DOL	DOL	*****6999	BEST ROOFING OF NEW JERSEY LLC		30 MIDLAND AVENUE WALLINGTON NJ 07057	11/05/2010	11/05/2015
DOL	DOL		BEVERLY F WILLIAMS		1238 PRESIDENT STREET BROOKLYN NY 11225	11/18/2013	11/18/2018
DOL	DOL		BIAGIO CANTISANI		200 FERRIS AVENUE WHITE PLAINS NY 10603	12/04/2009	05/04/2017
DOL	NYC	*****8377	BOSPHORUS CONSTRUCTION CORPORATION		3817 KINGS HIGHWAY-STE 1D BROOKLYN NY 11234	06/30/2010	06/30/2015
DOL	DOL	*****6156	C & J LANDSCAPING & MAINTENANCE INC		520 PINE HILL ROAD CHESTER NY 10940	06/23/2014	06/23/2019
DOL	DOL		CANTISANI & ASSOCIATES LTD		442 FERRIS AVENUE WHITE PLAINS NY 10603	12/04/2009	05/04/2017
DOL	DOL		CANTISANI HOLDING LLC		220 FERRIS AVENUE WHITE PLAINS NY 10603	05/04/2012	05/04/2017
DOL	DOL	*****1143	CARMODY BUILDING CORP		442 ARMONK ROAD MOUNT KISCO NY 10549	05/04/2012	05/04/2017
DOL	DOL	*****3368	CARMODY CONCRETE CORP		442 ARMONK ROAD MOUNT KISCO NY 10549	12/04/2009	05/04/2017
DOL	DOL		CARMODY CONTRACTING CORP		220 FERRIS AVENUE WHITE PLAINS NY 10603	05/04/2012	05/04/2017
DOL	DOL	*****6215	CARMODY CONTRACTING INC		220 FERRIS AVENUE WHITE PLAINS NY 10603	05/04/2012	05/04/2017
DOL	DOL		CARMODY ENTERPRISES LTD		220 FERRIS AVENUE WHITE PLAINS NY 10603	12/04/2009	05/04/2017
DOL	DOL	*****3812	CARMODY INC		442 ARMONK ROAD MOUNT KISCO NY 10549	12/04/2009	05/04/2017
DOL	DOL	*****3812	CARMODY INDUSTRIES INC		442 FERRIS AVENUE WHITE PLAINS NY 10603	05/04/2012	05/04/2017
DOL	DOL		CARMODY MAINTENANCE CORP		105 KISCO AVENUE MOUNT KISCO NY 10549	05/04/2012	05/04/2017
DOL	DOL	*****0324	CARMODY MASONRY CORP		442 ARMONK ROAD MOUNT KISKO NY 10549	12/04/2009	05/04/2017
DOL	DOL	*****3812	CARMODY"2" INC		220 FERRIS AVENUE WHITE PLAINS NY 10603	12/04/2009	05/04/2017
DOL	NYC	*****9172	CASSIDY EXCAVATING INC		14 RAILROAD AVENUE VALHALLA NY 10595	05/15/2014	05/15/2019
DOL	DOL	*****1683	CATONE CONSTRUCTION COMPANY INC		294 ALPINE ROAD ROCHESTER NY 14423	03/09/2012	03/09/2017
DOL	DOL		CATONE ENTERPRISES INC		225 DAKOTA STREET ROCHESTER NY 14423	03/09/2012	03/09/2017
DOL	DOL	*****6745	CATSKILL FENCE INSTALLATIONS INC		5445 ROUTE 32 CATSKILL NY 12414	08/22/2014	08/22/2019
DOL	DOL	*****8530	CAZ CONTRACTING CORP		37-11 35TH AVENUE LONG ISLAND CITY NY 11101	08/26/2013	08/26/2018
DOL	DOL	*****7924	CBI CONTRACTING INCORPORATED		2081 JACKSON AVENUE COPIAGUE NY 11726	06/03/2010	06/03/2015
DOL	DOL	*****5556	CERTIFIED INSTALLERS INC		113 N MAPLE AVENUE GREENSBURG PA 15601	02/21/2013	02/21/2018
DOL	NYC		CHARLES CASSIDY JR		14 RAILROAD AVENUE VALHALLA NY 10595	05/15/2014	05/15/2019
DOL	DOL		CHARLES OKRASKI		67 WARD ROAD SALT POINT NY 12578	01/21/2011	01/21/2016
DOL	DOL		CHARLES RIBAUDO		513 ACORN ST - SUITE C DEER PARK NY 11729	05/27/2010	05/27/2015

DOL	DOL	*****1416	CHEROMINO CONTROL GROUP LLC		61 WILLET ST - SUITE 14 PASSAIC NJ 07055	12/03/2009	02/23/2017
DOL	DOL		CHRIS SAVOURY		44 THIELLS-MT IVY ROAD POMONA NY 10970	10/14/2011	10/14/2016
DOL	DOL		CHRIST R PAPAS		C/O TRAC CONSTRUCTION INC 9091 ERIE ROADANGOLA NY 14006	02/03/2011	02/03/2016
DOL	DOL		CHRISTOF PREZBYL		2 TINA LANE HOPEWELL JUNCTION NY 12533	01/06/2012	01/06/2017
DOL	DOL		CITY GENERAL BUILDERS INC		131 MELROSE STREET BROOKLYN NY 11206	03/02/2010	03/02/2015
DOL	DOL	*****7086	CITY GENERAL IRON WORKS INC		131 MELROSE STREET BROOKLYN NY 11206	03/02/2010	03/02/2015
DOL	DOL	*****3360	CITY LIMITS GROUP INC		2279 HOLLERS AVENUE BRONX NY 10475	01/07/2014	06/23/2019
DOL	NYC	*****1768	COFIRE PAVING CORPORATION		120-30 28TH AVENUE FLUSHING NY 11354	01/14/2011	01/14/2016
DOL	NYC	*****2905	COLONIAL ROOFING COMPANY INC		247 48TH STREET BROOKLYN NY 11220	02/05/2014	02/05/2019
DOL	NYC	*****3182	COLORTECH INC		5990 58TH AVENUE MASPETH NY 11378	11/18/2013	11/18/2018
DOL	DOL	*****8342	CONKLIN PORTFOLIO LLC		60 COLONIAL ROAD STILLWATER NY 12170	02/15/2011	02/15/2016
DOL	DOL	*****2703	CONKLIN'S TECH-MECHANICAL INC		5 PARKER AVENUE POUGHKEEPSIE NY 12601	03/25/2014	03/25/2019
DOL	DOL	*****4175	CONSOLIDATED INDUSTRIAL SERVICES INC		2051 ROUTE 44/55 MODENA NY 12548	12/11/2012	01/28/2018
DOL	DOL		CONSTANTINOS ZERVAS		37-11 35TH AVENUE LONG ISLAND CITY NY 11101	08/26/2013	08/26/2018
DOL	DOL	*****5740	CORTLAND GLASS COMPANY INC		336 TOMPKINS STREET CORTLAND NY 13045	10/21/2010	07/15/2016
DOL	NYC	*****4468	CRAFT CONTRACTING GROUP INC		3256 BRUNER AVENUE BRONX NY 10469	07/29/2014	07/29/2019
DOL	NYC	*****8507	CRAFT FENCE INC		3256 BRUNER AVENUE BRONX NY 10469	07/29/2014	07/29/2019
DOL	DOL	*****0810	D & G PAINTING & DECORATING INC		53 LITTLE COLLABAR ROAD MONTGOMERY NY 12549	04/19/2012	04/19/2017
DOL	DOL		DANIEL CELLUCCI ELECTRIC		17 SALISBURY STREET GRAFTON MA 01519	06/02/2010	06/02/2015
DOL	DOL	*****7129	DANIEL T CELLUCCI	DANIEL CELLUCCI ELECTRIC	17 SALISBURY STREET GRAFTON MA 01519	06/02/2010	06/02/2015
DOL	NYC		DAWN AVILA AKA DAWN BECHTOLD		1ST FLOOR STORE FRONT 88-10 LITTLE NECK PARKWAYFLORAL PARK NY 11001	06/24/2014	06/24/2019
DOL	NYC		DAWN BECHTOLD AKA DAWN AVILA		1ST FLOOR STORE FRONT 88-10 LITTLE NECK PARKWAYFLORAL PARK NY 11001	06/24/2014	06/24/2019
DOL	DOL		DEAN ROBBINS III		212 OXFORD WAY SCHENECTADY NY 12309	12/11/2012	09/16/2018
DOL	NYC	*****3865	DECOMA BUILDING CORPORATION		134 EVERGREEN PL/STE 101 EAST ORANGE NJ 07018	12/30/2013	12/30/2018
DOL	DOL	*****1446	DELTA CONTRACTING PAINTING AND DECORATING INC		437 SUNRISE HIGHWAY WEST BABYLON NY 11707	08/12/2013	08/12/2018
DOL	DOL	*****3538	DELTA CONTRACTING PAINTING AND DESIGN INC		75 MCCULLOCH DRIVE DIX HILLS NY 11746	10/19/2010	08/12/2018
DOL	DOL		DEMETRIOS KOUTSOURAS		530 BEECH STREET NEW HYDE PARK NY 11040	07/02/2012	07/02/2017
DOL	DOL	*****9868	DESANTIS ENTERPRISES		161 OSWEGO RIVER ROAD PHOENIX NY 13135	09/24/2013	11/18/2018
DOL	NYC	*****8234	DEWATERS PLUMBING AND HEATING LLC		30 COLUMBUS CIRCLE EASTCHESTER NY 10709	08/21/2012	08/21/2017
DOL	DOL	*****9252	DI BERNARDO TILE AND MARBLE CO INC		15 WALKER WAY ALBANY NY 12205	03/21/2014	03/21/2019
DOL	DOL		DIANE DEAVER		731 WARWICK TURNPIKE HEWITT NJ 07421	06/25/2012	12/11/2017
DOL	DOL		DORIS SKODA		C/O APCO CONTRACTING CORP 24 SOUTH MARYLAND AVENUEPORT WASHINGTON NY 11050	09/24/2012	09/24/2017
DOL	DOL		DRAGOLJUB RADOJEVIC		61 WILLET ST - SUITE 14 PASSAIC NJ 07055	12/03/2009	07/09/2015

DOL	DOL	*****6982	DUFOUR GROUP INC	DUFOUR MASONRY	353 WEST 56TH STREET #7M NEW YORK NY 10019	06/10/2014	06/10/2019
DOL	DOL		DUFOUR MASONRY		353 WEST 56TH ST #7M NEW YORK NY 10019	06/10/2014	06/10/2019
DOL	DOL		DUFOUR MASONRY & RESTORATION INC		353 WEST 56TH STREET #7M NEW YORK NY 10019	06/10/2014	06/10/2019
DOL	DOL	*****5840	DYNA CONTRACTING INC		363 88TH STREET BROOKLYN NY 11209	11/18/2013	11/18/2018
DOL	NYC	*****6176	E N E L ELECTRICAL CORP		1107 MCDONALD AVENUE BROOKLYN NY 11230	07/30/2010	07/30/2015
DOL	DOL		EARL GALBREATH		640 ASHFORD AVENUE ARDSLEY NY 10502	08/27/2013	08/27/2018
DOL	DOL	*****1496	EAST COAST DRYWALL INC		1238 PRESIDENT STREET BROOKLYN NY 11225	11/18/2013	11/18/2018
DOL	DOL	*****8011	ECOA CLEANING CONTRACTORS INC		P O BOX 21-1022 BROOKLYN NY 11221	05/16/2012	05/16/2017
DOL	NYC	*****8074	ECONOMY IRON WORKS INC		670 SOUTHERN BLVD BRONX NY 10455	06/14/2011	06/14/2016
DOL	DOL		EDWARD L GAUTHIER		C/O IMPERIAL MASONRY REST 141 ARGONNE DRIVEKENMORE NY 14217	10/03/2012	10/03/2017
DOL	NYC		EDWARD MENKEN		C/O AQUA JET PAINTING 10 VIKING DRIVEWEST ISLIP NY 11795	04/16/2014	04/16/2019
DOL	NYC	*****0900	EF PRO CONTRACTING INC		147 BROOME AVENUE ATLANTIC BEACH NY 11509	03/03/2014	03/03/2019
DOL	NYC		EFSTRATIOS BERNARDIS		23-73 48TH STREET LONG ISLAND CITY NY 11103	04/24/2014	04/24/2019
DOL	NYC	*****6260	EL TREBOL SPECIAL CLEANING INC		95-26 76TH STREET OZONE PARK NY 11416	10/12/2011	10/12/2016
DOL	DOL		ELIZABETH RAMADANI		C/O RAMADA CONSTRUCTION 80 SAVO LOOPSTATEN ISLAND NY 10309	01/07/2014	01/07/2019
DOL	DOL		ELLEN DESANTIS	DESANTIS ENTERPRISES	161 OSWEGO RIVER ROAD PHOENIX NY 13135	09/24/2013	11/18/2018
DOL	DOL	*****0780	EMES HEATING & PLUMBING CONTR		5 EMES LANE MONSEY NY 10952	01/20/2002	01/20/3002
DOL	AG		EMILIO FRANZA		90 JUNIUS STREET BROOKLYN NY 11212	01/23/2014	01/23/2019
DOL	DOL		EMPIRE CONCRETE SERVICES LLC		101 SULLYS TRAIL/SUITE 20 PITTSFORD NY 14534	11/18/2013	01/07/2019
DOL	DOL	*****0511	EMPIRE CONCRETE SYSTEMS LLC		101 SULLYS TRAIL/ SUITE 2 PITTSFORD NY 14534	11/18/2013	01/07/2019
DOL	DOL	*****2353	EMPIRE CONSTRUCTORS LLC		101 SULLYS TRAIL/SUITE 20 PITTSFORD NY 14534	11/18/2013	01/07/2019
DOL	DOL		EMPIRE PRECAST LLC		101 SULLYS TRAIL/SUITE 20 PITTSFORD NY 14534	11/18/2013	01/07/2019
DOL	DOL	*****6101	ENHANCED DATA COM INC		75 SHERBROOK ROAD NORTH BABYLON NY 11704	07/01/2010	07/01/2015
DOL	DOL		ERIKA BARNETT		253 BEACH BREEZE LANE UNIT BARVERNE NY 11692	02/05/2013	02/05/2018
DOL	DOL		ESTEVES & FRAGA CONSTRUCTION CO INC		986 MADISON AVENUE PATERSON NJ 07501	01/03/2013	01/03/2018
DOL	DOL		ESTEVES & FRAGA INC		986 MADISON AVENUE PATERSON NJ 07501	01/03/2013	01/03/2018
DOL	DOL		EVELIO ELLEDIAS		114 PEARL STREET PORT CHESTER NY 10573	08/15/2012	08/15/2017
DOL	NYC		EVERTON CARLESS		134 EVERGREEN PL/STE 101 EAST ORANGE NJ 07018	12/30/2013	12/30/2018
DOL	DOL		F KALAFATIS		2279 HOLLERS AVENUE BRONX NY 10475	01/07/2014	06/23/2019
DOL	DOL		FANTASTIC PAINTING		493 LANSING ROAD FULTONVILLE NY 12072	11/18/2013	11/18/2018
DOL	DOL	*****5867	FJM-FERRO INC		6820 14TH AVENUE BROOKLYN NY 11219	10/27/2011	10/27/2016
DOL	DOL	*****1311	FLOZ-ON PAINTING & DECORATING INC		12 DUNDERBERG ROAD TOMKINS NY 10986	10/16/2013	10/16/2018
DOL	DOL	*****8961	FLOZ-ON PAINTING INC		12 DUNDERBERG ROAD TOMKINS NY 10986	10/16/2013	10/16/2018
DOL	DOL		FMS		4 LEGHORN COURT NEW YORK NY 11746	11/28/2012	11/28/2017
DOL	DOL	*****8067	FORTH SPORT FLOORS INC		P O BOX 74 EAST GREENBUSH NY 12061	02/28/2012	10/01/2017
DOL	DOL		FRAN MICELI		2279 HOLLERS AVENUE BRONX NY 10475	01/07/2014	06/23/2019

DOL	DOL		FRANCES KALAFATIS		2279 HOLLERS AVENUE BRONX NY 10475	01/07/2014	06/23/2019
DOL	DOL		FRANCES KALAFATIS-MICELI		2279 HOLLERS AVENUE BRONX NY 10475	01/07/2014	06/23/2019
DOL	NYC		FRANK ACOCELLA		68 GAYLORD ROAD SCARSDALE NY 10583	02/10/2011	02/10/2016
DOL	DOL		FRANK J MERCANDO		134 MURRAY AVENUE YONKERS NY 10704	12/11/2009	02/03/2019
DOL	DOL		FRANK MICELI JR	C/O FRANK MICELI JR CONTRACTIN G INC	19 CLIFF STREET NEW ROCHELLE NY 10801	10/16/2013	10/16/2018
DOL	DOL	*****1321	FRANK MICELI JR CONTRACTING INC		19 CLIFF STREET NEW ROCHELLE NY 10801	10/16/2013	10/16/2018
DOL	DOL		FRANK ORTIZ		75 SHERBROOK ROAD NORTH BABYLON NY 11704	07/01/2010	07/01/2015
DOL	DOL		FRED ABDO	ABDO TILE COMPANY AKA ABDO TILE CO	6179 EAST MOLLOY ROAD EAST SYRACUSE NY 13057	06/25/2010	07/02/2017
DOL	DOL	*****2724	FRESH START PAINTING CORP		157 TIBBETS ROAD YONKERS NY 10705	03/12/2014	03/12/2019
DOL	DOL		G FUCCI CONSTRUCTION SERVICES		3 ALAN B SHEPARD PLACE YONKERS NY 10705	03/12/2014	03/12/2019
DOL	DOL	*****6767	G FUCCI PAINTING INC		C/O SPIEGEL & UTRERA 1 MAIDEN LANE - 5TH FLNEW YORK NY 10038	03/12/2014	03/12/2019
DOL	DOL	*****4546	GAF PAINTING LLC		157 TIBBETS ROAD YONKERS NY 10705	03/12/2014	03/12/2019
DOL	DOL		GARDEN STATE PAINTING		157 TIBBETTS ROAD YONKERS NY 10705	03/12/2014	03/12/2019
DOL	DOL		GARY MCDOWELL	GM CONSTRUCTI ON & LAWN CARE SERVICE	76 PLEASANT STREET WELLSVILLE NY 14895	06/11/2013	06/11/2018
DOL	NYC		GELSOMINA TASSONE		25 CLIFF STREET NEW ROCHELLE NY 10801	06/15/2010	06/15/2015
DOL	DOL		GEORGE A PATTI III		P O BOX 772 JAMESTOWN NY 14701	08/13/2010	08/13/2015
DOL	DOL		GEORGE DI BERNARDO		C/O DI BERNARDO TILE 15 WALKER WAYALBANY NY 12205	03/21/2014	03/21/2019
DOL	NYC		GEORGE LUCEY		150 KINGS STREET BROOKLYN NY 11231	01/19/1998	01/19/2998
DOL	DOL		GERALD A POLLOCK		336 TOMPKINS STREET CORTLAND NY 13045	06/29/2010	07/15/2016
DOL	DOL		GERALD F POLUCH JR		2085 BRIGHTON HENRIETTA TOWN LINE ROADROCHESTER NY 14623	11/04/2010	11/04/2015
DOL	DOL	*****1075	GLOBAL TANK CONSTRUCTION LLC		P O BOX 1238 SALINA OK 74365	11/28/2012	11/28/2017
DOL	DOL	*****0878	GM CONSTRUCTION & LAWN CARE SERVICE		76 PLEASANT STREET WELLSVILLE NY 14895	06/11/2013	06/11/2018
DOL	DOL	*****0090	GOLDS FLOORING INSTALLATIONS INC		25 HAMILTON ROAD MONTICELLO NY 12701	10/16/2013	10/16/2018
DOL	DOL	*****4013	GR GRATES CONSTRUCTION CORPORATION		63 IRONWOOD ROAD UTICA NY 13520	06/14/2010	06/14/2015
DOL	DOL		GRATES MERCHANT NANNA INC		63 IRONWOOD ROAD UTICA NY 13520	06/14/2010	06/15/2015
DOL	DOL		GREGG G GRATES		63 IRONWOOD ROAD UTICA NY 13520	06/14/2010	06/14/2015
DOL	DOL		GREGORY A FUCCI		C/O PAF PAINTING SERVICES 157 TIBBETTS ROADYONKERS NY 10705	03/12/2014	03/12/2019
DOL	DOL		GREGORY FUCCI JR		C/O APOLLO CONSTRUCTION 157 TIBBETTS ROADYONKERS NY 10705	03/12/2014	03/12/2019
DOL	DOL		GRETCHEN SULLIVAN		P O BOX 130 CRETE IL 60417	11/10/2011	11/10/2016
DOL	DOL	*****7735	GRYF CONSTRUCTION INC		394 SPOTSWOOD-ENGLISH RD MONROE NJ 08831	08/08/2011	08/08/2016
DOL	DOL	*****9456	GUILLO CONTRACTING CORP		P O BOX 229 CALVERTON NY 11933	07/08/2013	07/08/2018
DOL	DOL		GUS PAPASTEFANOU		C/O D & G PAINTING & DECO 53 LITTLE COLLABAR ROADMONTGOMERY NY 12549	04/19/2012	04/19/2017

DOL	NYC	*****0346	H N H CONTRACTORS CORP		4558 BROADWAY # 6 NEW YORK NY 10040	08/04/2014	08/04/2019
DOL	DOL		H.H. RAUH CONSTRUCTION, LLC		2930 RT. 394 ASHVILLE NY 14710	01/14/2011	01/14/2016
DOL	DOL	*****2499	H.H. RAUH CONTRACTING CO., LLC		2930 RT. 394 ASHVILLE NY 14710	01/14/2011	01/14/2016
DOL	DOL		H.H. RAUH PAVING, INC.		7 WEST 1ST ST. LAKEWOOD NY 14750	01/14/2011	01/14/2016
DOL	DOL		HALSSAM FOSTOK		5 HANSEN PLACE WAYNE NJ 07470	09/18/2013	09/18/2018
DOL	NYC		HAMEEDUL HASAN		240 HOME STREET TEANECK NJ 07666	08/04/2014	08/04/2019
DOL	AG	*****9918	HARA ELECTRIC CORP		2461 47TH STREET ASTORIA NY 11103	09/26/2013	09/26/2018
DOL	DOL	*****5405	HARD LINE CONTRACTING INC		89 EDISON AVENUE MOUNT VERNON NY 10550	10/28/2011	10/28/2016
DOL	AG		HARVINDER SINGH PAUL		90 JUNIUS STREET BROOKLYN NY 11212	01/23/2014	01/23/2019
DOL	DOL		HI-TECH CONTRACTING CORP		114 PEARL STREET PORT CHESTER NY 10573	08/15/2012	08/15/2017
DOL	DOL	*****4331	HIDDEN VALLEY EXCAVATING INC		225 SEYMOUR STREET FREDONIA NY 14063	02/08/2011	02/08/2016
DOL	DOL	*****6370	HILLIANO CONSTRUCTION & ELECTRICAL INC		354 MAGNOLIA STREET ROCHESTER NY 14611	01/22/2015	01/22/2020
DOL	DOL	*****8426	IMPERIAL MASONRY RESTORATION INC		141 ARGONNE DRIVE KENMORE NY 14217	10/03/2012	10/03/2017
DOL	DOL	*****7561	INDUS GENERAL CONSTRUCTION		33-04 91ST STREET JACKSON HEIGHTS NY 11372	04/28/2010	04/28/2015
DOL	DA	*****1958	IRON HORSE ONE INC		10 ROSWELL AVENUE OCEANSIDE NY 11572	09/30/2010	09/30/2015
DOL	DOL		ISABEL FRAGA		C/O THREE FRIENDS CONSTR 986 MADISON AVENUEPATERSON NJ 07501	01/03/2013	01/03/2018
DOL	DOL	*****7598	J M RICH LLC		P O BOX 268 STILLWATER NY 12170	09/16/2013	03/21/2019
DOL	DOL	*****3478	J N P CONSTRUCTION CORP		50 LOUIS COURT P O BOX 1907SOUTH HACKENSACK NY 07606	03/21/2014	03/21/2019
DOL	DOL		J N RICH LLC		P O BOX 268 STILLWATER NY 12170	09/16/2013	03/21/2019
DOL	DOL	*****9368	J TECH CONSTRUCTION		PO BOX 64782 ROCHESTER NY 14624	09/24/2012	09/24/2017
DOL	DOL		J THE HANDYMAN			09/24/2012	09/24/2017
DOL	DOL		JACQUELINE HOWE		C/O FLOZ-ON PAINTING INC 12 DUNDERBERG ROADTOMKINS NY 10986	10/16/2013	10/16/2018
DOL	DOL	*****8627	JAG I LLC		635 LUZERNE ROAD QUEENSBURY NY 12804	09/16/2013	09/16/2018
DOL	DOL	*****2868	JAG INDUSTRIES INC		175 BROAD ST - SUITE 320 GLENS FALLS NY 12801	09/16/2013	09/16/2018
DOL	DOL		JAMES BOYCE		C/O EMPIRE CONCRETE SYST 101 SULLYS TRAIL/SUITE 20PITTSFORD NY 14534	11/18/2013	01/07/2019
DOL	DOL		JAMES SICKAU		3090 SHIRLEY ROAD NORTH COLLINS NY 14111	04/19/2011	12/30/2016
DOL	DOL		JAMES WALSH		89 EDISON AVENUE MOUNT VERNON NY 10550	10/28/2011	10/28/2016
DOL	DOL		JASON M RICH		P O BOX 268 STILLWATER NY 12170	09/16/2013	03/21/2019
DOL	DOL		JAY PRESUTTI		C/O CONSOLIDATED INDUSTRI 2051 ROUTE 44/55MODENA NY 12548	01/28/2013	01/28/2018
DOL	DOL		JEFF P BRADLEY		520 PINE HILL ROAD CHESTER NY 10940	06/23/2014	06/23/2019
DOL	DOL		JEFFREY A NANNA		502 WOODBURNE DRIVE UTICA NY 13502	06/14/2010	06/14/2015
DOL	NYC		JEFFREY CASSIDY		14 RAILROAD AVENUE VALHALLA NY 10595	05/15/2014	05/15/2019
DOL	DOL		JERALD HOWE		C/O FLOZ-ON PAINTING INC 12 DUNDERBERG ROADTOMKINS NY 10986	10/16/2013	10/16/2018
DOL	DOL		JEROME LACITIGNOLA		C/O CATSKILL FENCE INSTAL 5445 ROUTE 32 CATSKILL NY 12414	08/22/2014	08/22/2019
DOL	NYC		JERRY DEWATERS		30 COLUMBUS CIRCLE EASTCHESTER NY 10709	08/21/2012	08/21/2017

DOL	DOL		JOHN CATONE		C/O CATONE CONSTRUCTION 294 ALPINE ROADROCHESTER NY 14612	03/09/2012	03/09/2017
DOL	DOL		JOHN DESCUL		437 SUNRISE HIGHWAYA WEST BABYLON NY 11704	08/12/2013	08/12/2018
DOL	NYC		JOHN DITURI		1107 MCDONALD AVENUE BROOKLYN NY 11230	07/30/2010	07/30/2015
DOL	NYC		JOHN FICARELLI		120-30 28TH AVENUE FLUSHING NY 11354	01/14/2011	01/14/2016
DOL	DOL		JOHN H LEE	JOHN LEE QUALITY PAVING	67 WILER ROAD HILTON NY 14468	01/28/2013	01/28/2018
DOL	DOL		JOHN JIULIANNI		222 GAINSBORG AVENUE E WEST HARRISON NY 10604	05/10/2010	05/10/2015
DOL	DOL	*****1749	JOHN LEE QUALITY PAVING		67 WILER ROAD HILTON NY 14468	01/28/2013	01/28/2018
DOL	DOL	*****2701	JOHN SMYKLA	AFFORDABLE PAINTING PLUS	367 GREEVES ROAD NEW HAMPTON NY 10958	10/01/2010	10/01/2015
DOL	DOL	*****9368	JORGE I DELEON	J TECH CONSTRUCTI ON	PO BOX 64782 ROCHESTER NY 14624	09/24/2012	09/24/2017
DOL	DOL		JORGE OUVINA		344 SOUNDVIEW LANE COLLEGE POINT NY 11356	11/22/2011	11/22/2016
DOL	DOL		JOSE MONTAS		27 BUTLER PLACE YONKERS NY 10710	03/18/2011	03/15/2017
DOL	DOL		JOSEPH CASUCCI		6820 14TH AVENUE BROOKLYN NY 11219	10/27/2011	10/27/2016
DOL	DOL		JOSEPH MARTONE		112 OSCAWANA HEIGHTS ROAD PUTNAM VALLEY NY 10542	08/27/2013	08/27/2018
DOL	DOL		JOSHUA DEBOWSKY		9547 BUSTLETON AVENUE PHILADELPHIA PA 19115	02/05/2014	02/05/2019
DOL	DOL		JOYA MUSCOLINO		10 ST CHARLES STREET THORNWOOD NY 10594	09/03/2013	09/03/2018
DOL	DOL	*****4340	JUBCO SITE DEVELOPMENT LLC		462 LAKEVIEW AVENUE VALHALLA NY 10595	12/16/2013	12/16/2018
DOL	DOL		JULIUS AND GITA BEHREND		5 EMES LANE MONSEY NY 10952	11/20/2002	11/20/3002
DOL	NYC		KAMIL OZTURK		3715 KINGS HWY - STE 1D BROOKLYN NY 11234	06/30/2010	06/30/2015
DOL	DOL		KAREN HARTMAN		C/O GUILLO CONTRACTING P O BOX 229CALVERTON NY 11933	07/08/2013	07/08/2018
DOL	NYC		KATHLEEN SELA	C/O COLONIAL ROOFING COMPANY INC	247 48TH STREET BROOKLYN NY 11220	02/05/2014	02/05/2019
DOL	DOL		KEITH SCHEPIS		C/O KJS HAULING AND HOME 95 MAPLE AVENUENEW CITY NY 10956	04/15/2013	04/15/2018
DOL	DOL		KEN DEAVER		731 WARWICK TURNPIKE HEWITT NJ 07421	06/25/2012	12/11/2017
DOL	DOL		KEVIN BABCOCK JR		P O BOX 46 THOMPSON RIDGE NY 10985	08/22/2014	08/22/2019
DOL	DOL		KEVIN M BABCOCK		P O BOX 46 THOMPSON RIDGE NY 10985	08/22/2014	08/22/2019
DOL	DOL	*****5941	KINGSVIEW ENTERPRISES INC		7 W FIRST STREET P O BOX 2LAKEWOOD NY 14750	01/14/2011	01/14/2016
DOL	DOL	*****2463	KJS HAULING AND HOME IMPROVEMENT INC		95 MAPLE AVENUE NEW CITY NY 10956	04/15/2013	04/15/2018
DOL	AG		KOSTAS "GUS" ANDRIKOPOULOS		2461 47TH STREET ASTORIA NY 11103	09/26/2013	09/26/2018
DOL	DOL		KRZYSZTOF PRXYBYL		2 TINA LANE HOPEWELL JUNCTION NY 12533	01/06/2012	01/06/2017
DOL	DOL	*****6033	KUSNIR CONSTRUCTION		2677 ANAWALK ROAD KATONAH NY 10536	08/03/2012	08/03/2017
DOL	DOL	*****0526	LAGUARDIA CONSTRUCTION CORP		47-40 48TH STREET WOODSIDE NY 11377	07/01/2011	07/01/2016
DOL	NYC	*****8816	LAKE CONSTRUCTION AND DEVELOPMENT CORPORATION		150 KINGS STREET BROOKLYN NY 11231	08/19/1998	08/19/2998
DOL	DOL		LARRY DOMINGUEZ		114 PEARL STREET PORT CHESTER NY 10573	08/15/2012	08/15/2017
DOL	DOL		LAURA A. GAUTHIER		C/O IMPERIAL MASONRY REST 141 ARGONNE DRIVEKENMORE NY 14217	10/03/2012	10/03/2017

DOL	DOL		LAURI MARTONE		112 OSCAWANA HEIGHTS ROAD PUTNAM VALLEY NY 10542	08/27/2013	08/27/2018
DOL	DOL		LAVERN GLAVE		C/O RAW POWER ELECTRIC 3 PARK CIRCLEMIDDLETOWN NY 10940	09/15/2014	09/15/2019
DOL	DOL		LAWRENCE J RUGGLES		P O BOX 371 ROUND LAKE NY 12151	05/12/2014	05/12/2019
DOL	DOL	*****0597	LEED INDUSTRIES CORP	HI-TECH CONTRACTIN G CORP	114 PEART STREET PORT CHESTER NY 10573	08/15/2012	08/15/2017
DOL	AG		LEONID FRIDMAN		APT 5 200 BRIGHTON, 15TH STBROOKLYN NY 11235	01/23/2013	01/23/2019
DOL	DOL	*****8453	LINPHILL ELECTRICAL CONTRACTORS INC		523 SOUTH 10TH AVENUE MOUNT VERNON NY 10553	01/07/2011	04/15/2018
DOL	DOL		LINVAL BROWN		523 SOUTH 10TH AVENUE MOUNT VERNON NY 10553	01/07/2011	04/15/2018
DOL	DOL	*****5171	LUVIN CONSTRUCTION CORP		P O BOX 357 CARLE PLACE NY 11514	03/15/2010	03/15/2015
DOL	NYC	*****2850	M A 2 FLAGS CONTRACTING CORP		25-18 100TH STREET EAST ELMHURST NY 11369	08/21/2013	08/21/2018
DOL	NYC	*****3141	MACKEY REED ELECTRIC INC		1ST FLOOR STORE FRONT 88-10 LITTLE NECK PARKWAYFLORAL PARK NY 11001	06/24/2014	06/24/2019
DOL	DOL		MANUEL ESTEVES		55 OLD TURNPIKE ROAD SUITE 612NANUET NY 10954	02/04/2011	02/04/2016
DOL	NYC		MANUEL P TOBIO		150 KINGS STREET BROOKLYN NY 14444	08/19/1998	08/19/2998
DOL	NYC		MANUEL TOBIO		150 KINGS STREET BROOKLYN NY 11231	08/19/1998	08/19/2998
DOL	DOL		MAR CONTRACTING CORP		620 COMMERCE STREET THORNWOOD NY 10594	09/24/2012	09/24/2017
DOL	DOL		MARGARET FORTH		P O BOX 74 EAST GREENBUSH NY 12061	02/28/2012	10/01/2017
DOL	DOL		MARIA ESTEVES AKA MARIA MARTINS		C/O THREE FRIENDS CONSTR 986 MADISON AVENUEPATERSON NJ 07501	01/03/2013	01/03/2018
DOL	DOL		MARIA MARTINS AKA MARIA ESTEVES		C/O THREE FRIENDS CONSTR 986 MADISON AVENUEPATERSON NJ 07501	01/03/2013	01/03/2018
DOL	DOL		MARIO LUIS		31 DURANT AVENUE BETHEL CT 06801	07/02/2012	07/02/2017
DOL	DOL		MARIO R ECHEVERRIA JR		588 MEACHAM AVE-SUITE 103 ELMONT NY 11003	08/24/2010	08/24/2015
DOL	DOL	*****5533	MARQUISE CONSTRUCTION & DEVELOPMENT CORP		10 ST CHARLES STREET THORNWOOD NY 10594	09/03/2013	09/03/2018
DOL	DOL	*****8810	MARQUISE CONSTRUCTION ASSOCIATES INC		20 BOSWELL ROAD PUTNAM VALLEY NY 10579	09/03/2013	09/03/2018
DOL	DOL	*****1134	MARQUISE CONSTRUCTION CORP		10 ST CHARLES STREET THORNWOOD NY 10594	09/03/2013	09/03/2018
DOL	NYC	*****4314	MASCON RESTORATION INC		129-06 18TH AVENUE COLLEGE POINT NY 11356	02/09/2012	02/09/2017
DOL	NYC	*****4314	MASCON RESTORATION LLC		129-06 18TH AVENUE COLLEGE POINT NY 11356	02/09/2012	02/09/2017
DOL	DOL	*****0845	MASONRY CONSTRUCTION INC		442 ARMONK ROAD MOUNT KISCO NY 10549	12/04/2009	05/04/2017
DOL	DOL	*****3333	MASONRY INDUSTRIES INC		442 ARMONK ROAD MOUNT KISKO NY 10549	12/04/2009	05/04/2017
DOL	DOL	*****9857	MBL CONTRACTING CORPORATION		2620 ST RAYMOND AVENUE BRONX NY 10461	08/30/2011	08/30/2016
DOL	DOL	*****9028	MCINTOSH INTERIORS LLC		8531 AVENUE B BROOKLYN NY 11236	02/05/2013	02/05/2018
DOL	DOL	*****5936	MCSI ADVANCED AV SOLUTIONS LLC		2085 BRIGHTON HENRIETTA TOWN LINE ROADROCHESTER NY 14623	11/04/2010	11/04/2015
DOL	DOL	*****4259	MERCANDO CONTRACTING CO INC		134 MURRAY AVENUE YONKERS NY 10704	12/11/2009	02/03/2019
DOL	DOL	*****0327	MERCANDO INDUSTRIES LLC		134 MURRAY AVENUE YONKERS NY 10704	12/11/2009	02/03/2019
DOL	NYC	*****5330	METRO DUCT SYSTEMS INC		12-19 ASTORIA BOULEVARD LONG ISLAND CITY NY 11102	04/16/2014	06/24/2019
DOL	DOL	*****3368	MICEK CONSTRUCTION CO INC		20 CROSS STREET FALCONER NY 14733	12/02/2014	12/02/2019
DOL	DOL	*****9198	MICHAEL CZECHOWICZ	OCTAGON CO	37-11 35TH AVENUE-2ND FL LONG ISLAND CITY NY 11101	01/08/2013	01/08/2018

DOL	DOL		MICHAEL F LEARY JR		3813 SNOWDEN HILL ROADNEW HARTFORD NY 13413	06/19/2013	06/19/2018
DOL	DOL		MICHAEL F LEARY JR METAL STUD & DRYWALL		3813 SNOWDEN HILL ROAD NEW HARTFORD NY 13413	06/19/2013	06/19/2018
DOL	DOL		MICHAEL KTISTAKIS		363 88TH STREET BROOKLYN NY 11209	11/18/2013	11/18/2018
DOL	DOL	*****6033	MICHAEL KUSNIR	KUSNIR CONSTRUCTION	2677 ANAWALK ROAD KATONAH NY 10536	08/03/2012	08/03/2017
DOL	DOL		MICHAEL MARGOLIN		4 LEGHORN COURT NEW YORK NY 11746	11/28/2012	11/28/2017
DOL	DOL		MICHELLE L BARBER		635 LUZERNE ROAD QUEENSBURY NY 12804	09/16/2013	09/16/2018
DOL	DOL	*****2635	MIDLAND CONSTRUCTION OF CEDAR LAKE INC		13216 CALUMET AVENUE CEDAR LAKE IL 46303	11/10/2011	11/10/2016
DOL	NYC		MIGUEL ACOSTA		25-18 100TH STREET EAST ELMHURST NY 11369	08/21/2013	08/21/2018
DOL	DOL	*****5517	MILLENNIUM PAINTING INC		67 WARD ROAD SALT POINT NY 12578	01/21/2011	01/21/2016
DOL	AG		MOHAMMAD RIAZ		46 RUGBY ROAD WESTBURY NY 11590	11/20/2013	11/20/2018
DOL	NYC		MOHAMMAD SELIM		73-12 35TH AVE - APT F63 JACKSON HEIGHTS NY 11372	03/04/2010	03/04/2015
DOL	DA		MOHAMMED SALEEM		768 LYDIG AVENUE BRONX NY 10462	08/18/2009	05/25/2015
DOL	NYC	*****2690	MONDOL CONSTRUCTION INC		11-27 30TH DRIVE LONG ISLAND CITY NY 11102	05/25/2011	05/25/2016
DOL	DOL		MORTON LEVITIN		3506 BAYFIELD BOULEVARD OCEANSIDE NY 11572	08/30/2011	08/30/2016
DOL	DOL	*****2737	MOUNTAIN'S AIR INC		2471 OCEAN AVENUE- STE 7A BROOKLYN NY 11229	09/24/2012	09/24/2017
DOL	NYC		MUHAMMAD ZULFIQAR		129-06 18TH AVENUE COLLEGE POINT NY 11356	02/09/2012	02/09/2017
DOL	DOL	*****2357	MUNICIPAL MILLING & MIX-IN-PLACE		9091 ERIE ROAD ANGOLA NY 14006	02/03/2011	02/03/2016
DOL	DOL		MURRAY FORTH		P O BOX 74 EAST GREENBUSH NY 12061	02/28/2012	10/01/2017
DOL	DA	*****9642	MUTUAL OF AMERICAL GENERAL CONSTRUCTION & MANAGEMENT CORP		768 LYDIG AVENUE BRONX NY 10462	08/18/2009	05/25/2015
DOL	DOL		MUZAFFAR HUSSAIN		C/O ABSOLUTE GENERAL CONT 1129 AVENUE UBROOKLYN NY 11229	01/28/2013	01/28/2018
DOL	DA	*****6988	NEW YORK INSULATION INC		58-48 59TH STREET MASPETH NY 11378	05/16/2012	05/16/2017
DOL	DOL		NICHOLAS DEGREGORY JR	NJ DEGREGORY & COMPANY	1698 ROUTE 9 GLENS FALLS NY 12801	05/23/2013	05/23/2018
DOL	NYC		NICHOLAS PROVENZANO		147 BROOME AVENUE ATLANTIC BEACH NY 11509	03/03/2014	03/03/2019
DOL	NYC		NICHOLAS PROVENZANO		147 BROOME AVENUE ATLANTIC BEACH NY 11509	03/03/2014	03/03/2019
DOL	DOL		NICOLE SPELLMAN		2081 JACKSON AVENUE COPIAGUE NY 11726	06/03/2010	06/03/2015
DOL	DOL		NIKOLAS PSAREAS		656 N WELLWOOD AVE/STE C LINDENHURST NY 11757	09/01/2011	09/01/2016
DOL	DOL	*****5279	NJ DEGREGORY & COMPANY		1698 ROUTE 9 GLENS FALLS NY 12801	05/23/2013	05/23/2018
DOL	DOL		NJ DEGREGORY & SONS CONSTRUCTION		1698 ROUTE 9 GLENS FALLS NY 12801	05/23/2013	05/23/2018
DOL	DOL	*****9198	OCTAGON CO		37-11 35TH AVENUE-2ND FL LONG ISLAND CITY NY 11101	01/08/2013	01/08/2018
DOL	DOL		OKBY ELSAYED		1541 EAST 56TH STREET BROOKLYN NY 11234	05/04/2012	05/04/2017
DOL	NYC		OLIVER HOLGUIN		95-26 76TH STREET OZONE PARK NY 11416	10/12/2011	10/12/2016
DOL	NYC	*****8337	OPTIMUM CONSTRUCTION INC		23-73 48TH STREET LONG ISLAND CITY NY 11103	04/24/2014	04/24/2019
DOL	NYC		ORSON ARROYO		C/O METRO DUCT SYSTEMS 12-19 ASTORIA BOULEVARDLONG ISLAND CITY NY 11102	04/16/2014	06/24/2019
DOL	DOL	*****4546	PAF PAINTING CORP		161 TIBBETTS ROAD YONKERS NY 10705	03/12/2014	03/12/2019

DOL	DOL	*****5242	PAF PAINTING SERVICES INC	GARDEN STATE PAINTING	157 TIBBETTS ROAD YONKERS NY 10103	03/12/2014	03/12/2019
DOL	DOL		PAF PAINTING SERVICES OF WESTCHESTER INC		C/O SPIEGEL & UTRERA 1 MAIDEN LANE - 5TH FLNEW YORK NY 10038	03/12/2014	03/12/2019
DOL	DOL	*****8802	PAT'S HEATING AND AIR CONDITIONING LTD		P O BOX 371 ROUND LAKE NY 12151	05/12/2014	05/12/2019
DOL	DOL		PATRICIA M RUGGLES		P O BOX 371 ROUND LAKE NY 12151	05/12/2014	05/12/2019
DOL	DOL		PAUL VERNA		C/O AMERICAN STEEL MECHA 693 PAINTER STREETMEDIA PA 19063	02/20/2013	02/20/2018
DOL	DOL		PEDRO RINCON		131 MELROSE STREET BROOKLYN NY 11206	03/02/2010	03/02/2015
DOL	DOL	*****9569	PERFORM CONCRETE INC		31 DURANT AVENUE BETHEL CT 06801	07/02/2012	07/02/2017
DOL	NYC		PETER LUSTIG		30 COLUMBUS CIRCLE EASTCHESTER NY 10709	08/21/2012	08/21/2017
DOL	NYC		PETER TRITARIS		5990 58TH AVENUE MASPETH NY 11378	11/18/2013	11/18/2018
DOL	DOL	*****1136	PHOENIX ELECTRICIANS COMPANY INC		540 BROADWAY P O BOX 22222ALBANY NY 12201	03/09/2010	03/09/2015
DOL	DOL	*****7914	PRECISION SITE DEVELOPMENT INC		89 EDISON AVENUE MOUNT VERNON NY 10550	10/28/2011	10/28/2016
DOL	DOL	*****2989	PROFESSIONAL ESTIMATING & BUSINESS CORP		157 TIBBETS ROAD YONKERS NY 10705	03/12/2014	03/12/2019
DOL	DOL	*****6895	PROLINE CONCRETE OF WNY INC		3090 SHIRLEY ROAD NORTH COLLINS NY 14111	04/19/2011	12/30/2016
DOL	DOL	*****0015	RAMADA CONSTRUCTION CORP		80 SAVO LOOP STATEN ISLAND NY 10309	01/07/2014	01/07/2019
DOL	DOL		RAMON BONILLA		938 E 232ND STREET #2 BRONX NY 10466	05/25/2010	05/25/2015
DOL	DOL	*****2633	RAW POWER ELECTRIC CORP		3 PARK PLACE MIDDLETOWN NY 10940	09/16/2013	09/15/2019
DOL	NYC		RAYMOND PEARSON		P O BOX 957 PORT JEFFERSON STA NY 11776	03/12/2014	03/12/2019
DOL	DOL		REBECCA THORNE		113 N MAPLE AVENUE GREENSBURG PA 15601	02/21/2013	02/21/2018
DOL	DOL		REGINALD WARREN		C/O RAW POWER ELECTRIC 3 PARK CIRCLEMIDDLETOWN NY 10940	09/15/2014	09/15/2019
DOL	DOL		REVOLUTIONARY FLOORS LLC		P O BOX 268 STILLWATER NY 12170	09/16/2013	03/21/2019
DOL	DOL		RHINO CONCRETE LLC		101 SULLYS TRAIL/SUITE 20 PITTSFORD NY 14534	11/18/2013	01/07/2019
DOL	DOL		RICHARD WILSON		C/O DUFOUR GROUP INC 353 WEST 56TH STREET #7MNEW YORK NY 10019	06/10/2014	06/10/2019
DOL	NYC	*****6978	RISINGTECH INC		243-03 137TH AVENUE ROSEDALE NY 11422	03/25/2010	03/25/2015
DOL	DOL		ROBBYE BISSESAR		89-51 SPRINGFIELD BLVD QUEENS VILLAGE NY 11427	01/11/2003	01/11/3003
DOL	DOL	*****1855	ROBERT D BISHOP JR	ROBERT D BISHOP JR	P O BOX 112 MORRISSONVILLE NY 12962	07/15/2014	07/15/2019
DOL	DOL		ROBERT D BISHOP JR		P O BOX 112 MORRISONVILLE NY 12962	07/15/2014	07/15/2019
DOL	NYC		ROBERT FICARELLI		120-30 28TH AVENUE FLUSHING NY 11354	01/14/2011	01/14/2016
DOL	NYC		ROBERT GUIDO		3256 BRUNER AVENUE BRONX NY 10469	07/29/2014	07/29/2019
DOL	DOL		ROBERT L EVANS		128A NORTH STAMFORD ROAD STAMFORD CT 06903	05/23/2013	05/23/2018
DOL	DOL		ROCCO ESPOSITO		C/O ROCMAR CONTRACTING CO 620 COMMERCE STREETTHORNWOOD NY 10594	09/24/2012	09/24/2017
DOL	DOL		ROCMAR CONSTRUCTION CORP		620 COMMERCE STREET THORNWOOD NY 10594	09/24/2012	09/24/2017
DOL	DOL	*****7083	ROCMAR CONTRACTING CORP		620 COMMERCE STREET THORNWOOD NY 10594	09/24/2012	09/24/2017
DOL	DOL	*****9025	ROJO MECHANICAL LLC		938 E 232ND STREET #2 BRONX NY 10466	05/25/2010	05/25/2015

DOL	DOL		ROMEO WARREN		C/O RAW POWER ELECTR CORP 3 PARK PLACEMIDDLETOWN NY 10940	09/16/2013	09/15/2019
DOL	DOL	*****5905	ROSE PAINTING CORP		222 GAINSBORG AVENUE EAST WEST HARRISON NY 10604	05/10/2010	05/10/2015
DOL	DOL		ROSEANNE CANTISANI		11 TATAMUCK ROAD POUND RIDGE NY 10576	05/04/2012	05/04/2017
DOL	NYC		ROSS J HOLLAND		120-30 28TH AVENUE FLUSHING NY 11354	01/14/2011	01/14/2016
DOL	DOL		ROSS J MUSCOLINO		10 ST CHARLES STREET THORNWOOD NY 10594	09/03/2013	09/03/2018
DOL	DOL		S & M CONTRACTING LLC		30 MIDLAND AVENUE WALLINGTON NJ 07057	11/05/2010	11/05/2015
DOL	DOL		S & S ELECTRIC		235 BROADWAY SCHENECTADY NY 12306	06/19/2013	06/19/2018
DOL	NYC		SAEED HASAN		4558 BROADWAY #6 NEW YORK NY 10040	08/04/2014	08/04/2019
DOL	DOL	*****4923	SCHENLEY CONSTRUCTION INC		731 WARWICK TURNPIKE HEWITT NJ 07421	06/25/2012	12/11/2017
DOL	DOL		SCOTT LEONARD	GLOBAL TANK CONSTRUCTI ON LLC	P O BOX 1238 SALINA OK 74365	11/28/2012	11/28/2017
DOL	DOL		SEAKCO CONSTRUCTION COMPANY LLC		128A NORTH STAMFORD ROAD STAMFORD CT 06903	05/23/2013	05/23/2018
DOL	DOL	*****9030	SEAKCO NEW YORK LLC	SEAKCO CONSTRUCTI ON COMPANY	128A NORTH STAMFORD ROAD STAMFORD CT 06903	05/23/2013	05/23/2018
DOL	DOL		SEAN BURBAGE	C/O SEAN BURBAGE CORP	445 ROOSA GAP ROAD BLOOMINGBURG NY 12721	04/14/2014	04/14/2019
DOL	DOL	*****6586	SEAN BURBAGE CORP		445 ROOSA GAP ROAD BLOOMINGBURG NY 12721	04/14/2014	04/14/2019
DOL	DOL	*****3540	SEVEN STAR ELECTRICAL CONTRACTING CORP		23-24 STEINWAY STREET ASTORIA NY 11105	06/27/2011	06/27/2016
DOL	DOL		SEVEN STAR ELECTRICAL INC		C/O THEONI ATHANASIADIS 1023 COMMACK ROADDIX HILLS NY 11746	06/27/2011	06/27/2016
DOL	NYC		SHAFIQUL ISLAM		11-27 30TH DRIVE LONG ISLAND CITY NY 11102	05/25/2011	05/25/2016
DOL	NYC		SHAHZAD ALAM		21107 28TH AVE BAYSIDE NY 11360	07/02/2012	07/02/2017
DOL	DOL		SHAIKF YOUSUF		C/O INDUS GENERAL CONST 33-04 91ST STREETJACKSON HEIGHTS NY 11372	04/28/2010	04/28/2015
DOL	DOL	*****0415	SIGNAL CONSTRUCTION LLC		199 GRIDER STREET BUFFALO NY 14215	11/14/2006	02/25/2015
DOL	DOL	*****8469	SIGNATURE PAVING AND SEALCOATING		P O BOX 772 JAMESTOWN NY 14701	08/13/2010	08/13/2015
DOL	DOL	*****8469	SIGNATURE SEALCOATING AND STRIPING SERVICE		345 LIVINGSTON AVENUE P O BOX 772JAMESTOWN NY 14702	04/04/2007	08/13/2015
DOL	DOL	*****6904	SIGNING STAR LIMITED LIABILITY COMPANY		5 HANSEN PLACE WAYNE NJ 07470	09/18/2013	09/18/2018
DOL	DOL	*****0667	SNEEM CONSTRUCTION INC		43-22 42ND STREET SUNNYSIDE NY 11104	07/01/2011	07/01/2016
DOL	DOL		SPASOJE DOBRIC		61 WILLET STREET - SUITE PASSAIC NJ 07055	07/09/2010	02/23/2017
DOL	NYC	*****4934	SPHINX CONTRACTING CORP		240 HOME STREET TEANECK NJ 07666	08/04/2014	08/04/2019
DOL	DOL		SPORTSCRAFTERS INC		113 N MAPLE AVENUE GREENSBURG PA 15601	02/21/2013	02/21/2018
DOL	DOL	*****3539	SPOTLESS CONTRACTING	IMPACT INDUSTRIAL SERVICES INC	44 THIELLS-MT IVY ROAD POMONA NY 10970	10/14/2011	10/14/2016
DOL	DOL	*****3496	STAR INTERNATIONAL INC		89-51 SPRINGFIELD BLVD QUEENS VILLAGE NY 11427	08/11/2003	08/11/3003
DOL	DOL		STEFANIE MCKENNA		30 MIDLAND AVENUE WALLINGTON NJ 07057	11/05/2010	11/05/2015
DOL	DOL		STEPHEN BIANCHI		462 LAKEVIEW AVENUE VALHALLA NY 10595	12/16/2013	12/16/2018
DOL	DOL		STEPHEON SHELDON	FANTASTIC PAINTING	493 LANSING ROAD FULTONVILLE NY 12072	11/18/2013	11/18/2018
DOL	DOL		STEVEN CONKLIN		60 COLONIAL ROAD STILLWATER NY 12170	02/15/2011	02/15/2016

DOL	DOL		STEVEN SAGGESE		3005 WYNSUM AVENUE MERRICK NY 11566	08/18/2014	08/18/2019
DOL	DOL		STUART CHAITIN		634 ROUTE 303 BLAUVET NY 10913	07/26/2012	11/19/2018
DOL	DOL	*****3210	SUPER SWEEP	FMS	4 LEGHORN COURT NEW YORK NY 11746	11/28/2012	11/28/2017
DOL	DOL		SUZANNE G GOLD	C/O GOLDS FLOORING INSTALLATIONS INC	25 HAMILTON ROAD MONTICELLO NY 12701	10/16/2013	10/16/2018
DOL	DOL	*****9676	T D CONTRACTORS CORP	T D CONTRACTORS INC	113 N MAPLE AVENUE GREENSBURG PA 15601	02/21/2013	02/21/2018
DOL	DOL		T D CONTRACTORS INC		113 N MAPLE AVENUE GREENSBURG PA 15601	02/21/2013	02/21/2018
DOL	DOL		TAMMY LACITIGNOLA		C/O CATSKILL FENCE INSTAL 5445 ROUTE 32CATSKILL NY 12414	08/22/2014	08/22/2019
DOL	DOL		TECH-MECHANICAL FAB DC INC		5 PARKER AVENUE POUGHKEEPSIE NY 12601	03/25/2014	03/25/2019
DOL	DOL	*****4293	THE J OUVINA GROUP LLC		344 SOUNDVIEW LANE COLLEGE POINT NY 11356	11/22/2011	11/22/2016
DOL	DOL		THE THORNE GROUP INC		113 N MAPLE AVENUE GREENSBURG PA 15601	02/21/2013	02/21/2018
DOL	DOL	*****2070	THE UNIVERSAL GROUP OF NEW YORK INC		212 OXFORD WAY SCHENECTADY NY 12309	12/11/2012	09/16/2018
DOL	DOL	*****9243	THE WELCOME MAT PROPERTY MANAGEMENT LLC		P O BOX 268 STILLWATER NY 12170	09/16/2013	03/21/2019
DOL	DOL		THEONI ATHANASIADIS		C/O SEVEN STAR ELECTRICAL 23-24 STEINWAY STREETASTORIA NY 11105	06/27/2011	06/27/2016
DOL	DOL		THOMAS DESANTIS	DESANTIS ENTERPRISES	161 OSWEGO RIVER ROAD PHOENIX NY 13135	09/24/2013	11/18/2018
DOL	NYC		THOMAS SCARINCI		130-43 92ND AVENUE RICHMOND HILLS NY 11418	11/27/2013	11/27/2018
DOL	DOL		THOMAS TERRANOVA		13 NEW ROAD/SUITE 1 NEWBURGH NY 12550	11/15/2010	11/15/2015
DOL	DOL	*****2734	THREE FRIENDS CONSTRUCTION CORP		986 MADISON AVENUE PATERSON NJ 07501	01/03/2013	01/03/2018
DOL	NYC	*****6253	THUNDER BROTHERS CORP		24 CONGRESS LANE SOUTH RIVER NJ 08882	05/01/2013	05/01/2018
DOL	DOL		TIMOTHY F BARBER		635 LUZERNE ROAD QUEENSBURY NY 12804	09/16/2013	09/16/2018
DOL	NYC		TIMOTHY O'SULLIVAN		C/O SNEEM CONSTRUCTION 4322 42ND STREETSUNNYSIDE NY 11104	07/01/2011	07/01/2016
DOL	NYC	*****1523	TM MECHANICAL CORP		130-43 92ND AVENUE RICHMOND HILLS NY 11418	11/27/2013	11/27/2018
DOL	DOL	*****8176	TOURO CONTRACTING CORP		1541 EAST 56TH STREET BROOKLYN NY 11234	05/04/2012	05/04/2017
DOL	DOL	*****2357	TRAC CONSTRUCTION INC	MUNICIPAL MILLING & MIX -IN- PLACE	9091 ERIE ROAD ANGOLA NY 14006	02/03/2011	02/03/2016
DOL	DOL	*****6914	TRI-COUNTY RESTORATIONS & CONSTRUCTION INC		13 SUMMERSET DRIVE WALLKILL NY 12589	08/22/2014	08/22/2019
DOL	DOL		TRI-COUNTY RESTORATIONS INC		392 ROCK CUT ROAD WALDEN NY 12586	08/22/2014	08/22/2019
DOL	DOL	*****5213	TRIAD PAINTING CO INC		656 N WELLWOOD AVE/STE C LINDENHURST NY 11757	09/01/2011	09/01/2016
DOL	DOL		TROY D CLARKE	ADVANCED METALS	387 RIVERSIDE DRIVE JOHNSON CITY NY 13790	10/01/2012	10/01/2017
DOL	DOL	*****4294	TWT CONSTRUCTION COMPANY INC		13 NEW ROAD/SUITE 1 NEWBURGH NY 12550	11/15/2010	11/15/2015
DOL	DOL		ULIANO AND SONS INC		22 GRIFFEN COURT MILLER PLACE NY 11746	10/26/2010	10/26/2015
DOL	AG	*****6490	UNIVERSAL STEEL FABRICATORS INC		90 JUNIUS STREET BROOKLYN NY 11212	01/23/2014	01/23/2019
DOL	NYC	*****7174	V&R CONTRACTING		P O BOX 957 PORT JEFFERSON STA NY 11776	03/12/2014	03/12/2019
DOL	DOL	*****0854	VANESSA CONSTRUCTION INC		588 MEACHAM AVE/STE 103 ELMONT NY 11003	08/24/2010	08/24/2015
DOL	NYC		VEAP SELA	C/O COLONIAL ROOFING COMPANY INC	247 48TH STREET BROOKLYN NY 11220	02/05/2014	02/05/2019
DOL	DOL	*****3270	VEZANDIO CONTRACTING CORP		530 BEECH STREET NEW HYDE PARK NY 11040	07/02/2012	07/02/2017

DOL	NYC		VICK CONSTRUCTION		21 DAREWOOD LANE VALLEY STREAM NY 11581	12/31/2013	12/31/2018
DOL	NYC		VICKRAM MANGRU	VICK CONSTRUCTION	21 DAREWOOD LANE VALLEY STREAM NY 11581	12/31/2013	12/31/2018
DOL	NYC		VINCENT PIZZITOLA		P O BOX 957 PORT JEFFERSON STA NY 11776	03/12/2014	03/12/2019
DOL	NYC	*****9936	VISHAL CONSTRUCTION INC		73-12 35TH AVE - APT F63 JACKSON HEIGHTS NY 11272	03/04/2010	03/04/2015
DOL	DOL		WESLEY J STAROBA		206 TALLY HO COURT SCHENECTADY NY 12303	06/19/2013	06/19/2018
DOL	DOL	*****0078	WESLEY J STAROBA INC	S & S ELECTRIC	235 BROADWAY SCHENECTADY NY 12306	06/19/2013	06/19/2018
DOL	DOL	*****7617	WHITE PLAINS CARPENTRY CORP		P O BOX 309 WHITE PLAINS NY 10603	12/04/2009	05/04/2017
DOL	DOL		WILLIAM CONKLIN		5 PARKER AVENUE POUGHKEEPSIE NY 12601	03/25/2014	03/25/2019
DOL	DOL		WILLIAM MAZZELLA		134 MURRAY AVENUE YONKERS NY 10704	02/03/2014	02/03/2019
DOL	DOL		WILLIAM SCRIVENS		30 MIDLAND AVENUE WALLINGTON NJ 07057	11/05/2010	11/05/2015
DOL	DOL		WILLIAM THORNE		113 N MAPLE AVENUE GREENSBURG PA 15601	02/21/2013	02/21/2018
DOL	NYC	*****5498	XAVIER CONTRACTING LLC		68 GAYLORD ROAD SCARSDALE NY 10583	02/10/2011	02/10/2016
DOL	DOL		YURIY IVANIN		C/O MOUNTAIN'S AIR INC 2471 OCEAN AVENUE-STE 7ABROOKLYN NY 11229	09/24/2012	09/24/2017

23. INSURANCE REQUIRED BY THE TOWN OF RIVERHEAD

The successful bidder will be required to procure and pay for the following types of insurance, in accordance with the provisions of the Conditions of Contract:

(A) Workers' Compensation Insurance.
(B) Public Liability and Property Damage.
(C) Contractor's Liability and Contractor's Property Damage.
(D) Owner's Protective Public Liability and Property Damage.

Insurance documents meeting the requirements of Conditions of Contract, Section 38, Contractor's Insurance, shall be submitted within 14 calendar days from the date of award. Failure to provide acceptable insurance certificate(s) within this time frame shall result in the termination of Primary Contractor status.

24. TERM OF CONTRACT

The term of the individual contract award shall be 30 days from the issuance of a Town Purchase Order. The Town of Riverhead shall have the option of extending the awards of this contract in six (6) month intervals. If not extended the end date of this contract shall be one year from the date of contract award.

25. CERTIFIED PAYROLL RECORDS

State of New York Department of Labor

On September 10, 1997, Governor Pataki signed into law Assembly Bill 6394-B amending Article 8, Section 220, of the NYS labor Law to include the following language:

Every contractor and sub-contractor shall submit to the department of jurisdiction within thirty (30) days after issuance of its first payroll, and every thirty (30) days thereafter, a transcript of the original payroll record, as provided by this article, subscribed and affirmed as true under penalties of perjury. The DEPARTMENT OF JURISDICTION shall be required to receive and maintain such payroll records.

The original payrolls or transcripts shall be preserved for three years from the completion of the work on the awarded project.

This law took effect on November 9, 1997.

Form PW12 is included in this package for contractor's convenience and must be completed, for the current payment request period, including all payroll information for all employees and subcontractor employees including but not limited to laborers, mechanics, foremen, supervisors, etc.

Department of Labor
Bureau of Public Work

WEEKLY PAYROLL

For Contractor's Optional Use. The use of this form meets payroll notification requirements; as stated on the Payroll Records Notification.

NAME OF CONTRACTOR ☐ SUBCONTRACTOR ☐	ADDRESS	
FEIN	FOR WEEK ENDING	PROJECT AND LOCATION / PROJECT OR CONTRACTOR NO.

(1) NAME, ADDRESS, AND LAST 4 DIGITS OF SOCIAL SECURITY NUMBER OF EMPLOYEE	(2) NO. OF WITH-HOLDINGS	(3) WORK CLASSIFICATION	ST or OT	4) DAY AND DATE / HOURS WORKED EACH DAY	(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS: FICA	WITH-HOLDING Tax			OTHER	TOTAL DEDUCTIONS	(9) NET WAGES PAID FOR WEEK
			S				$0.00							$0.00
			O											
			S				$0.00							$0.00
			O											
			S				$0.00							$0.00
			O											
			S				$0.00							$0.00
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			S				$0.00							$0.00
			O											
			S				$0.00							$0.00
			O											
			S				$0.00							$0.00
			O											
			S				$0.00							$0.00
			O											
			S				$0.00							$0.00
			O											

PW-12 (12-09)

THIS CERTIFICATION MUST BE COMPLETED ON EACH WEEKLY PAYROLL FORM USED BY THE CONTRACTOR OR SUBCONTRACTOR

Date _____

I _____ _____
(Name of signatory party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by _____

_____
(Contractor or Subcontractor)

_____ , that during the payroll period commencing on the _____

day of _____, 20 , and ending the _____ day of _____ 20
all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

_____ from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Articles 8 and 9 and described below:

_____

(2) That any payrolls submitted for the above period are correct and complete; that the wage rates for laborers, workers, or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer, worker or mechanic conform with the work he/she performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

☐ - In addition to the basic hourly wage rates paid to each laborer, worker or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c).

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

☐ - Each laborer, worker, or mechanic listed in the above-referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in Section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)	EXPLANATION

REMARKS:

SIGNATURE

THE WILLFUL FALSIFICATION OF ANY Of THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE ARTICLES 8 AND 9.

IRAN DIVESTMENT ACT CERTIFICATION

As a result of the Iran Divestment Act of 2012(Act), Chapter 1 of the 2012 Laws of New York, a new provision has been added to the State Finance Law (SFL), § 165-a, effective April 12, 2012. Under the Act, the Commissioner of the Office of General Services (OGS) will be developing a list (prohibited entities list) of "persons" who are engaged in "investment activities in Iran" (both are defined terms in the law). Pursuant to SFL § 165-a(3)(b), the initial list is expected to be issued no later than 120 days after the Act's effective date, at which time it will be posted on the OGS website.

By submitting a bid in response to this solicitation or by assuming the responsibility of a Contract awarded hereunder, Bidder/Contractor (or any assignee) certifies that once the prohibited entities list is posted on the OGS website, any Contractor seeking to renew or extend a Contract or assume the responsibility of a Contract awarded in response to the solicitation, must certify at the time the Contract is renewed, extended or assigned that it is not included on the prohibited entities list.

During the term of the Contract, should the TOWN OF RIVERHEAD receive information that a person is in violation of the above-referenced certification, the TOWN OF RIVERHEAD will offer the person an opportunity to respond. If the person fails to demonstrate that is has ceased its engagement in the investment which is in violation of the Act within 90 days after the determination of such violation, then the TOWN OF RIVERHEAD shall take such action as may be appropriate including, but not limited to, imposing sanctions, seeking compliance, recovering damages, or declaring the Contractor in default.

The TOWN OF RIVERHEAD reserves the right to reject any bid or request for assignment for an entity that appears on the prohibited entities list prior to the award of a contract, and to pursue a responsibility review with respect to any entity that is awarded a contract and appears on the prohibited entities list after contract award.

Signature: _____
Print Name: _____
Title: _____
Company : _____
Date: _____

PERSONAL PERFORMANCE FORM
STATEMENT TO BE SUBMITTED
WHEN WORK IS PERFORMED PERSONALLY
(SECTION 10001, TITLE 18, US CODE)

I, _____, hereby certify that I am the

_____ of _____
Title **Name of Firm Submitting Statement**

_____ for _____
Prime Contractor or Subcontractor **Nature of Work**

at _____, located in _____
Name of Building work being done **City and State**

under contract number _____
Government Contract No. (See No. 3 Below)

that _____
State All Work or List the Specific Classes of Work

was done personally by _____
Names of Person(s) Performing Work & Their Connection w/ Firm

_____

that no wages were received for the labor performed; that no mechanics or laborers were employed in the prosecution thereof; and that the work was done during the following periods: _____ to _____
Beginning Date **Ending Date**

Last date on which work was performed at the site was _____, _____

_____
Signature

_____
Title

Section 100001 of Title 18 of the United State Code (Criminal Code and Criminal Procedures) shall apply to such statements – 72 Stat 887, 18 U.S.C., among other things, provides that whoever knowingly and willfully makes or uses a document or writing containing any false, fictitious or fraudulent statement or entry, in any matter within the jurisdiction of any department or agency of the United State, shall be fined not more than $10,000 or imprisoned not more than five years, or both)

Instructions for Submission of Statements of Work Performed Personally

1. Prime contractors or subcontractors who perform the work are required to submit in lieu of weekly statements of compliance and payrolls with respect to the payment of wages pursuant to the Copeland Anti-kickbacks regulations, a certified statement clearly showing (1) their contractual relationship,; (2) the scope and dates of work performed (3) that they received no wages; and (4) that no mechanics or laborers were employed in the prosecution of the work. The aforementioned sample form sets forth the wording described for such certified statements.

2. Prime contractors are responsible for the submission of the certified statements of subcontractors. Subcontractors' statement should be forwarded to the prime contractor for transmission to the Government contracting officer or his designated representative. Statements of prime contractors and subcontractors should be submitted as soon as possible after the last date on which work was performed at the site.

3. To facilitate identification of the project involved, prime contractors should provide their subcontractors with the Government contract number (if exists) or project name as called for on statement form.

4. Prime contractors should furnish their subcontractors with copies of the sample statement form so as to facilitate submission of the necessary information.

26. NO LIEN AFFIDAVIT & WAGE DISCLAIMER

State of New York Department of Labor

Pursuant to Section 220-a of the New York State Labor Law all contractors, subcontractors and subcontractors to subcontractors must file an affidavit pertaining to the payment of all laborers and mechanics, exclusive of supervisory employees.

Affidavit Form 220 and Town of Riverhead Wage Disclaimer Form is included in this package for contractor's convenience. Unless given at later date, leave project number blank.

NOTE: Bidders are advised that this is not a contract authorizing any work. It is the option of the Town to authorize work at any time of the year. Any Town department or agency can use this contract.

MUNICIPAL CORPORATION

TOWN OF RIVERHEAD
200 HOWELL AVENUE
RIVERHEAD, NY 11901

CONTRACT NAME: _____ PROJECT No.: _____

AFFIDAVIT

Pursuant to Section 220-a of the Labor Law and Town of Riverhead Requirements

Note: All contractors, subcontractors, and subcontractors of subcontractors must file this statement for each payment period requested.

I, _____, _____
Name Title

of _____ _____Contractor
Name of Firm _____Subcontractor
Project No.: _____ With: _____
Contractor Name

for _____
Indicate Nature of Work

at_____ hereby certify that all laborers have been paid in full for period ended _____, 20 _____. and that there is now due and owning from it/me to any and all laborers (laborers include all laborers, mechanics, foremen and supervisory employees) for daily or weekly wages or supplements on account of labor performed upon the work under said contract, the following amounts to the persons whose names are set forth below opposite such amounts. (If none, so state.)

$ _____ due and owing to _____
$ _____ due and owing to _____
$ _____ due and owing to _____
$ _____ due and owing to _____
Use additional sheet if necessary.

I further certify that I have contracted with the firms listed below as subcontractors, for labor to be performed upon the work under said contract for the current pay period requested. (If none, so state.)

Names and Address of Subcontractors	Type of Work

Use additional sheet if necessary

_____
Signature

STATE OF NEW YORK
SS:
COUNTY OF: _____

On this _____ day of _____ 20_____, personally appeared before me _____ to me known and known to me who being by me duly sworn said that he is _____
(Officer)

of _____ the _____
(Contractor or Subcontractor) (Corporation or Partnership)

for which he executed the foregoing statement, for and in behalf of the said _____ contractor; that he has read the said statement so signed by him and known to be the seal thereof and that the same is true and to his own knowledge.

_____ Dated: _____
Notary Public

Section 220-c Labor Law. Any Contractor or subcontractor who shall upon his oath verify any statement required to be filed under this act which is known by him to be false, shall be guilty of perjury and punishable as provided by Section One Thousand Six Hundred and Thirty Three of the Penal Law.

TOWN OF RIVERHEAD
WAGE DISCLAIMER

Note: All contractors, subcontractors, and subcontractor of subcontractors must file this statement for each payment period request.

DATE: _____

TO: TOWN OF RIVERHEAD

FROM: _____
(Contractor)

PROJECT: _____

To our knowledge, the laborers listed on the attached certified payrolls have been paid the prevailing wage rates as established by the Department of Labor.

_____
Signature

_____
Title

_____
Date

PROPOSAL FORM

TOWN OF RIVERHEAD
SUFFOLK COUNTY, NEW YORK

PROPOSAL
FOR

2015 ANNUAL CONSTRUCTION CONTRACT

TOWN OF RIVERHEAD
200 HOWELL AVENUE
RIVERHEAD, NEW YORK 11901

Town of Riverhead
Riverhead, NY

Gentlemen:

The undersigned bidder has carefully examined the Contract Documents for the proposed construction and will provide all necessary labor, materials, equipment and incidentals as necessary and called for by the said Contract Documents in the manner prescribed therein and in said contract, and in accordance with the requirements of the Town Engineer, or his representative, at the following unit and/or lump sum prices:

ANNUAL CONSTRUCTION AND ASPHALT INSTALLATION CONTRACT 2015

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
1	2	Unclassified Excavation	CY	1-200	100		
	2U	Removal of Unsuitable Material	CY	1-200	100		
	3S-B	Embankment - Borrow	CY	1-200	100		
	3S-SGF	Embankment - Select Granular Fill	CY	1-200	100		
	3S-GS	Embankment - Grading Subgrade	SY	1-200	100		
	4	Stabilized Mixed-In-Place Recycled Base Course	SY	1 - 2,000	1,000		
	4-P	Recycled Concrete Aggregate	CY	1-200	100		
	25-C	Casting Adjustment	Ea.	1-5	3		
	25-S	Subgrade Area Material	CY	1-5	3		
	25-P	10'x10' Pavement Patch	Ea.	1 - 5	3		
	50	Asphalt Top Course Type 6	Ton	1-200	100		
	52	Asphalt Binder Course Type 3	Ton	1-200	100		
	53	Tack Coat	Gal	1-5	3		
	55	Asphalt Concrete Type 1, Base Course	Ton	1-200	100		
	57	Asphalt Emulsions	Gal	1,000-5000	3000		
	112	Topsoil and Seed	SY	1-500	250		
	116	Thermoplastic Reflectorized Pavement Markings	LF	1-1000	500		
						Total Bid Comparison Price Award No. 1	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
2	2	Unclassified Excavation	CY	201 - 500	350		
	2U	Removal of Unsuitable Material	CY	201 - 500	350		
	3S-B	Embankment - Borrow	CY	201 - 500	350		
	3S-SGF	Embankment - Select Granular Fill	CY	201 - 500	350		
	3S-GS	Embankment - Grading Subgrade	SY	201 - 500	350		
	4	Stabilized Mixed-In-Place Recycled Base Course	SY	2,001 - 5,000	3500		
	4-P	Recycled Concrete Aggregate	CY	201 - 500	350		
	25-C	Casting Adjustment	Ea.	6 - 10	8		
	25-S	Subgrade Area Material	CY	6-10	8		
	25-P	10'x10' Pavement Patch	Ea.	6 - 10	8		
	50	Asphalt Top Course Type 6	Ton	201-500	350		
	52	Asphalt Binder Course Type 3	Ton	201-500	350		
	53	Tack Coat	Gal	6-10	8		
	55	Asphalt Concrete Type 1, Base Course	Ton	201-500	350		
	57	Asphalt Emulsions	Gal	5001 - 15,000	10000		
	112	Topsoil and Seed	SY	501 - 1,500	1000		
	116	Thermoplastic Reflectorized Pavement Markings	LF	1,001-5000	3,000		
						Total Bid Comparison Price Award No. 2	

ALL ITEMS IN AN AWARD GROUPING (I.E. 2, 3, 4…..) MUST BE COMPLETED TO BE CONSIDERED A COMPETITIVE BID

ESTIMATED QUANTITIES LISTED ARE SOLELY FOR BIDDING PURPOSES. THE TOWN RESERVES THE RIGHT TO INCREASE OR DECREASE QUANTITIES AS DEEMED NECESSARY. ITEMS FROM ANY AWARD MAY BE UTILIZED WITH OUT UTILIZING SOME OR ALL ITEMS IN THE SAME AWARD GROUPING

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
3	1	Clearing and Grubbing	Acre	0-2.5	1		
	2	Unclassified Excavation	CY	1-200	100		
	3S-B	Embankment - Borrow	CY	1-200	100		
	3S-SGF	Embankment - Select Granular Fill	CY	1-200	100		
	3S-GS	Embankment - Grading Subgrade	SY	1-200	100		
	4	Stabilized Mixed-In-Place Recycled Base Course	SY	1 - 2,000	1,000		
	4-P	Recycled Concrete Aggregate	CY	1-200	100		
	25-C	Casting Adjustment	Ea.	1-5	3		
	25-S	Subgrade Area Material	CY	1-5	3		
	25-P	10'x10' Pavement Patch	Ea.	1 - 5	3		
	50	Asphalt Top Course Type 6	Ton	1-200	100		
	52	Asphalt Binder Course Type 3	Ton	1-200	100		
	53	Tack Coat	Gal	1-5	3		
	55	Asphalt Concrete Type 1, Base Course	Ton	1-200	100		
	57	Asphalt Emulsions	Gal	1,000-5000	3000		
	112	Topsoil and Seed	SY	1-500	250		
	116	Thermoplastic Reflectorized Pavement Markings	LF	1-1000	500		
	118-SWM	Straw/Wood Fiber Mulch-Temporary	SY	1-500	250		
	118-SM	Seed and Mulch - Temporary	SY	1-500	250		
	118-SSWM	Seed and Straw/Wood Fiber Mulch - Temporary	SY	1-500	250		
	118-S	Straw Bale - Temporary	LF	1-500	250		
	118-G	Geotextiles	SY	1-200	100		
	118-SF	Silt Fence - Temporary	LF	1-500	250		
	118-D	Drainage Structure Inlet Protection, Prefabricated - Temporary	Ea.	1-5	3		
	118-J	Jute Mesh	SY	1-200	100		
	118-SCE	Stabilized Construction Entrance	SY	1-200	100		
						Total Bid Comparison Price Award No. 3	

ALL ITEMS IN AN AWARD GROUPING (I.E. 2, 3, 4…..) MUST BE COMPLETED TO BE CONSIDERED A COMPETITIVE BID

ESTIMATED QUANTITIES LISTED ARE SOLELY FOR BIDDING PURPOSES. THE TOWN RESERVES THE RIGHT TO INCREASE OR DECREASE QUANTITIES AS DEEMED NECESSARY. ITEMS FROM ANY AWARD MAY BE UTILIZED WITH OUT UTILIZING SOME OR ALL ITEMS IN THE SAME AWARD GROUPING

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
4	1	Clearing and Grubbing	Acre	2.6-5	5		
	2	Unclassified Excavation	CY	201 - 500	350		
	3S-B	Embankment - Borrow	CY	201 - 500	350		
	3S-SGF	Embankment - Select Granular Fill	CY	201 - 500	350		
	3S-GS	Embankment - Grading Subgrade	SY	201 - 500	350		
	4	Stabilized Mixed-In-Place Recycled Base Course	SY	2,001 - 5,000	3500		
	4-P	Recycled Concrete Aggregate	CY	201 - 500	350		
	25-C	Casting Adjustment	Ea.	6 - 10	8		
	25-S	Subgrade Area Material	CY	6-10	8		
	25-P	10'x10' Pavement Patch	Ea.	6 - 10	8		
	50	Asphalt Top Course Type 6	Ton	201-500	350		
	52	Asphalt Binder Course Type 3	Ton	201-500	350		
	53	Tack Coat	Gal	6-10	8		
	55	Asphalt Concrete Type 1, Base Course	Ton	201-500	350		
	57	Asphalt Emulsions	Gal	5001 - 15,000	10000		
	112	Topsoil and Seed	SY	501 - 1,500	1000		
	116	Thermoplastic Reflectorized Pavement Markings	LF	1,001-5000	3,000		
	118-SWM	Straw/Wood Fiber Mulch - Temporary	SY	500-1500	1,000		
	118-SM	Seed and Mulch - Temporary	SY	500-1500	1,000		
	118-SSWM	Seed and Straw/Wood Fiber Mulch - Temporary	SY	500-1500	1,000		
	118-S	Straw Bale - Temporary	LF	500-1500	1,000		
	118-G	Geotextiles	SY	201 - 500	350		
	118-SF	Silt Fence - Temporary	LF	501 - 1,500	1000		
	118-D	Drainage Structure Inlet Protection, Prefabricated - Temporary	Ea.	6-10	8		
	118-J	Jute Mesh	SY	201 - 500	350		
	118-SCE	Stabilized Construction Entrance	SY	201 - 500	350		
						Total Bid Comparison Price Award No. 4	

ALL ITEMS IN AN AWARD GROUPING (I.E. 2, 3, 4…..) MUST BE COMPLETED TO BE CONSIDERED A COMPETITIVE BID

ESTIMATED QUANTITIES LISTED ARE SOLELY FOR BIDDING PURPOSES. THE TOWN RESERVES THE RIGHT TO INCREASE OR DECREASE QUANTITIES AS DEEMED NECESSARY. ITEMS FROM ANY AWARD MAY BE UTILIZED WITH OUT UTILIZING SOME OR ALL ITEMS IN THE SAME AWARD GROUPING

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
5	4-P	Recycled Concrete Aggregate	CY	1 - 100	50		
	7RR	Remove and Replace Concrete Curb	LF	1-100	50		
	7ARR	Remove and Replace Concrete Header	LF	1-100	50		
	9RR	Remove and Replace Conc. Sidewalk	SY	1-50	25		
	13U-4"	Underdrain Pipe -4" Dia.	LF	1-100	50		
	13U-6"	Underdrain Pipe -6" Dia.	LF	1-100	50		
	13U-8"	Underdrain Pipe -8" Dia.	LF	1-100	50		
	13P-4"	Polyethylene Pipe-4" Dia.	LF	1-100	50		
	13P-12"	Polyethylene Pipe -12" Dia.	LF	1-100	50		
	13P-15"	Polyethylene Pipe -15" Dia.	LF	1-100	50		
	13P-18"	Polyethylene Pipe -18" Dia.	LF	1-100	50		
	13P-24"	Polyethylene Pipe -24" Dia.	LF	1-100	50		
	13P-30"	Polyethylene Pipe -30" Dia.	LF	1-100	50		
	13P-36"	Polyethylene Pipe -36" Dia.	LF	1-100	50		
	13P-48"	Polyethylene Pipe -48" Dia.	LF	1-100	50		
	21A	Leaching Pools (8' Dia.x 4'L)	Ea.	1 - 5	3		
	21B	Leaching Pools (8' Dia.x 8'L)	Ea.	1 - 5	3		
	21C	Leaching Pools (8' Dia.x 12'L)	Ea.	1 - 5	3		
	21D	Leaching Pools (10' Dia.x 4'L)	Ea.	1 - 5	3		
	21E	Leaching Pools (10' Dia.x 8'L)	Ea.	1 - 5	3		
	21F	Leaching Pools (10' Dia.x 12'L)	Ea.	1 - 5	3		
	23A	Catch Basins Type A	Ea.	1 - 5	3		
	23B	Catch Basins Type B	Ea.	1 - 5	3		
	23AXD	Catch Basins Type A- Add Dept	VF	1 - 5	3		
	23BXD	Catch Basins Type B - Add Depth	VF	1 - 5	3		
	25-C	Casting Adjustment	Ea.	1-5	3		
	25-S	Subgrade Area Material	CY	1	1		
	25-P	10'x10' Pavement Patch	Ea.	1 - 5	3		
	27-MH	Manholes-4'ID/Base Section 3'-6"	Ea.	1 - 5	3		
	27-MHADX	Manholes-4'ID/Additional Depth	VF	1 - 5	3		
	27-DI	Drop Inlets-2' ID/Base Section 3'	Ea.	1 - 5	3		
	53	Tack Coat	Gal	1-10	5		
	112	Topsoil and Seed	SY	1-500	250		
						Total Bid Comparison Price Award No. 5	

ALL ITEMS IN AN AWARD GROUPING (I.E. 2, 3, 4…..) MUST BE COMPLETED TO BE CONSIDERED A COMPETITIVE BID

ESTIMATED QUANTITIES LISTED ARE SOLELY FOR BIDDING PURPOSES. THE TOWN RESERVES THE RIGHT TO INCREASE OR DECREASE QUANTITIES AS DEEMED NECESSARY. ITEMS FROM ANY AWARD MAY BE UTILIZED WITH OUT UTILIZING SOME OR ALL ITEMS IN THE SAME AWARD GROUPING

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
6	2U	Removal of Unsuitable Material	CY	1 - 50	25		
	4-SS	Stabilized Soil Aggregate Subbase	CY	1-25	10		
	48	Asphalt Concrete Truing and Leveling Course	Ton	1-200	100		
	50	Asphalt Top Course Type 6	Ton	1-200	100		
	52	Asphalt Binder Course Type 3	Ton	1-200	100		
	53	Tack Coat	Gal	1-5	3		
	59	Cold Milling, Shaping and Removal of Bituminous Concrete Pavement	SY	1-3000	1,500		
	116	Thermoplastic Reflectorized Pavement Markings	LF	1 - 2,000	1,000		
	118-SWM	Straw/Wood Fiber Mulch - Temporary	SY	1-500	250		
	118-SM	Seed and Mulch - Temporary	SY	1-500	250		
	118-SSWM	Seed and Straw/Wood Fiber Mulch - Temporary	SY	1-500	250		
	118-S	Straw Bale - Temporary	LF	1-500	250		
	118-G	Geotextiles	SY	1-200	100		
	118-SF	Silt Fence - Temporary	LF	1-500	250		
	118-D	Drainage Structure Inlet Protection, Prefabricated - Temporary	Ea.	1-5	5		
	118-J	Jute Mesh	SY	1-200	100		
	118-SCE	Stabilized Construction Entrance	SY	1-200	100		
						Total Bid Comparison Award No.6	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
7	2U	Removal of Unsuitable Material	CY	51-100	75		
	4-SS	Stabilized Soil Aggregate Subbase	CY	26-50	35		
	48	Asphalt Concrete Truing and Leveling Course	Ton	201-1000	600		
	50	Asphalt Top Course Type 6	Ton	201 - 1,000	600		
	52	Asphalt Binder Course Type 3	Ton	201-1000	600		
	53	Tack Coat	Gal	6-10	8		
	59	Cold Milling, Shaping and Removal of Bituminous Concrete Pavement	SY	3001-5000	4,000		
	116	Thermoplastic Reflectorized Pavement Markings	LF	2001-5000	3,500		
	118-SWM	Straw/Wood Fiber Mulch - Temporary	SY	501-1000	750		
	118-SM	Seed and Mulch - Temporary	SY	501-1000	750		
	118-SSWM	Seed and Straw/Wood Fiber Mulch - Temporary	SY	501-1000	750		
	118-S	Straw Bale - Temporary	LF	501-1000	750		
	118-G	Geotextiles	SY	201-500	350		
	118-SF	Silt Fence - Temporary	LF	501-1000	750		
	118-D	Drainage Structure Inlet Protection, Prefabricated - Temporary	Ea.	6-10	10		
	118-J	Jute Mesh	SY	201-500	500		
	118-SCE	Stabilized Construction Entrance	SY	201-500	350		
						Total Bid Comparison Award No.7	

ALL ITEMS IN AN AWARD GROUPING (I.E. 2, 3, 4…..) MUST BE COMPLETED TO BE CONSIDERED A COMPETITIVE BID

ESTIMATED QUANTITIES LISTED ARE SOLELY FOR BIDDING PURPOSES. THE TOWN RESERVES THE RIGHT TO INCREASE OR DECREASE QUANTITIES AS DEEMED NECESSARY. ITEMS FROM ANY AWARD MAY BE UTILIZED WITH OUT UTILIZING SOME OR ALL ITEMS IN THE SAME AWARD GROUPING

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
8	2U	Removal of Unsuitable Material	CY	1-10	5		
	6	Detectable Warning Units	SF	1 - 25	10		
	7	Concrete Curb	LF	1-200	100		
	7A	Concrete Header	LF	1-200	100		
	7RR	Remove and Replace Concrete Curb	LF	1-200	100		
	7ARR	Remove and Replace Concrete Header	LF	1-200	100		
	8	Jumbo Belgian Block Curb	LF	1-200	100		
	8RR	Remove and Replace Jumbo Belgian Block Curb	LF	1-200	100		
	9	Concrete Sidewalk	SY	1-100	50		
	9RR	Remove and Replace Concrete Sidewalk	SY	1-100	50		
	10-4"	Colored and Imprinted Concrete Sidewalk - 4"	SY	1-100	50		
	10-6"	Colored and Imprinted Concrete Sidewalk - 6"	SY	1-100	50		
	10-4"RR	Remove and Replace Colored and Imprinted Concrete Sidewalk - 4"	SY	1-100	50		
	10-6"RR	Remove and Replace Colored and Imprinted Concrete - 6"	SY	1-100	50		
	11	Concrete Aprons	SY	1-50	25		
	11RR	Remove and Replace Concrete Aprons	SY	1-25	10		
	12	Trench Drain	LF	1-100	50		
	13P-4"	Polyethylene Pipe-4" Dia.	LF	1-200	100		
	112	Topsoil and Seed	SY	1-200	100		
						Total Bid Comparison Award No. 8	

ALL ITEMS IN AN AWARD GROUPING (I.E. 2, 3, 4…..) MUST BE COMPLETED TO BE CONSIDERED A COMPETITIVE BID

ESTIMATED QUANTITIES LISTED ARE SOLELY FOR BIDDING PURPOSES. THE TOWN RESERVES THE RIGHT TO INCREASE OR DECREASE QUANTITIES AS DEEMED NECESSARY. ITEMS FROM ANY AWARD MAY BE UTILIZED WITH OUT UTILIZING SOME OR ALL ITEMS IN THE SAME AWARD GROUPING

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
9	2U	Removal of Unsuitable Material	CY	11 - 20	15		
	6	Detectable Warning Units	SF	26 - 100	60		
	7	Concrete Curb	LF	201 - 1,000	600		
	7A	Concrete Header	LF	201 - 1,000	600		
	7RR	Remove and Replace Concrete Curb	LF	201 - 1,000	600		
	7ARR	Remove and Replace Concrete Curb	LF	201 - 1,000	600		
	8	Jumbo Belgian Block Curb	LF	201 - 1,000	600		
	8RR	Remove and Replace Jumbo Belgian Block Curb	LF	201 - 1,000	600		
	9	Concrete Sidewalk	SY	101-500	300		
	9RR	Remove and Replace Concrete Sidewalk	SY	101-500	300		
	10-4"	Colored and Imprinted Concrete Sidewalk - 4"	SY	101-500	300		
	10-6"	Colored and Imprinted Concrete Sidewalk - 6"	SY	101-500	300		
	10-4"RR	Remove and Replace Colored and Imprinted Concrete Sidewalk - 4"	SY	101-500	300		
	10-6"RR	Remove and Replace Colored and Imprinted Concrete - 6"	SY	101-500	300		
	11	Concrete Aprons	SY	51-100	75		
	11RR	Remove and Replace Concrete Aprons	SY	26 - 100	60		
	12	Trench Drain	LF	101-300	200		
	13P-4"	Polyethylene Pipe -4" Dia.	LF	201-500	350		
	112	Topsoil and Seed	SY	201-500	350		
						Total Bid Comparison Award No. 9	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
10	2	Unclassified Excavation	CY	1-500	300		
	6	Detectable Warning Units	SF	1-100	50		
	7	Concrete Curb	LF	1-500	250		
	8	Jumbo Belgian Block Curb	LF	1-500	250		
	9	Concrete Sidewalk	SY	1-50	25		
	10-4"	Colored and Imprinted Concrete Sidewalk - 4"	SY	1-50	25		
	11	Concrete Aprons	SY	1-50	25		
	12	Trench Drain	LF	1-100	50		
	13P-4"	Polyethylene Pipe-4" Dia.	LF	1-100	50		
	74	Painted Lines	LF	1-1000	500		
	112	Topsoil and Seed	SY	1-200	100		
	190-O	Concrete Grid Pavements	SY	0 - 1,000	500		
	190-P	Permeable Interlocking Concrete Pavement – Eco-ridge	SY	0 - 1,000	500		
	190- PP	Permeable Interlocking Concrete Pavement – SF-Rima	SY	0 - 1,000	500		
	191	Unit Pavers	SY	0 - 1,000	500		
						Total Bid Comparison Award No. 10	

ALL ITEMS IN AN AWARD GROUPING (I.E. 2, 3, 4…..) MUST BE COMPLETED TO BE CONSIDERED A COMPETITIVE BID

ESTIMATED QUANTITIES LISTED ARE SOLELY FOR BIDDING PURPOSES. THE TOWN RESERVES THE RIGHT TO INCREASE OR DECREASE QUANTITIES AS DEEMED NECESSARY. ITEMS FROM ANY AWARD MAY BE UTILIZED WITH OUT UTILIZING SOME OR ALL ITEMS IN THE SAME AWARD GROUPING

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
11	2	Unclassified Excavation	CY	501-1000	750		
	6	Detectable Warning Units	SF	101-200	150		
	7	Concrete Curb	LF	501-1000	750		
	8	Jumbo Belgian Block Curb	LF	501-1000	750		
	9	Concrete Sidewalk	SY	51-100	75		
	10-4"	Colored and Imprinted Concrete Sidewalk - 4"	SY	51-100	75		
	11	Concrete Aprons	SY	51-100	75		
	12	Trench Drain	LF	101-200	150		
	13P-4"	Polyethylene Pipe -4" Dia.	LF	101-200	150		
	74	Painted Lines	LF	1001-5000	3,000		
	112	Topsoil and Seed	SY	201-500	750		
	190-O	Concrete Grid Pavements	SY	1001-5000	3,000		
	190-P	Permeable Interlocking Concrete Pavement – Eco-ridge	SY	1001-5000	3,000		
	190- PP	Permeable Interlocking Concrete Pavement – SF-Rima	SY	1001-5000	3,000		
	191	Unit Pavers	SY	1001-5000	3,000		
						Total Bid Comparison Award No. 11	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
12	100	Bituminous Surface Treatment	SY	1-1000	500		
	104	Asphalt Emulsion Slurry	SY	1 - 1,000	500		
						Total Bid Comparison Award No. 12	

Award	Item No.	Description	Unit	Quantity	Estimated	Unit Cost	Total Price
13	100	Bituminous Surface Treatment	SY	1001-5000	2,500		
	104	Asphalt Emulsion Slurry	SY	1001-5000	2,500		
						Total Bid Comparison Award No. 13	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
14	44	Elastomeric Pavement Crack Sealant	LF	1 - 1,000	500		
	46	Fiber Reinforced Polymer Modified Pavement Crack Sealant	LF	1 - 1,000	500		
						Total Bid Comparison Award No. 14	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
15	108-4'	Vinyl Coated Chain Link Fencing	LF	0 - 100	50		
	108-6'	Vinyl Coated Chain Link Fencing	LF	0 - 100	50		
	108-8'	Vinyl Coated Chain Link Fencing	LF	0 - 100	50		
						Total Bid Comparison Award No. 15	

ALL ITEMS IN AN AWARD GROUPING (I.E. 2, 3, 4…..) MUST BE COMPLETED TO BE CONSIDERED A COMPETITIVE BID

ESTIMATED QUANTITIES LISTED ARE SOLELY FOR BIDDING PURPOSES. THE TOWN RESERVES THE RIGHT TO INCREASE OR DECREASE QUANTITIES AS DEEMED NECESSARY. ITEMS FROM ANY AWARD MAY BE UTILIZED WITH OUT UTILIZING SOME OR ALL ITEMS IN THE SAME AWARD GROUPING

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
16	108-4'	Vinyl Coated Chain Link Fencing	LF	101-500	300		
	108-6'	Vinyl Coated Chain Link Fencing	LF	101-500	300		
	108-8'	Vinyl Coated Chain Link Fencing	LF	101-500	300		
						Total Bid Comparison Award No. 16	

Award	Item No.	Description	Unit	Quantity	Estimated	Unit Cost	Total Price
17	50	Asphalt Top Course Type 6	Tons	1-500	250		
						Total Bid Comparison Award No. 17	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
18	50	Asphalt Top Course Type 6	Tons	501-1000	750		
						Total Bid Comparison Award No. 18	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
19	50	Asphalt Top Course Type 6	Tons	1001-5000	3000		
						Total Bid Comparison Award No. 19	

Award	Item No.	Description	Unit	Quantity	Estimated	Unit Cost	Total Price
20	52	Asphalt Binder Course Type 3	Tons	1-500	250		
						Total Bid Comparison Award No. 20	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
21	52	Asphalt Binder Course Type 3	Tons	501-1000	750		
						Total Bid Comparison Award No. 21	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
22	52	Asphalt Binder Course Type 3	Tons	1001-5000	3000		
						Total Bid Comparison Award No. 22	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
23	51	Pavement Patches	SF	0-1,000	500		
	53	Tack Coat	Gal	1-50	25		
						Total Bid Comparison Award No. 23	

ALL ITEMS IN AN AWARD GROUPING (I.E. 2, 3, 4…..) MUST BE COMPLETED TO BE CONSIDERED A COMPETITIVE BID

ESTIMATED QUANTITIES LISTED ARE SOLELY FOR BIDDING PURPOSES. THE TOWN RESERVES THE RIGHT TO INCREASE OR DECREASE QUANTITIES AS DEEMED NECESSARY. ITEMS FROM ANY AWARD MAY BE UTILIZED WITH OUT UTILIZING SOME OR ALL ITEMS IN THE SAME AWARD GROUPING

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
24	51	Pavement Patches	SF	1001-5000	3,000		
	53	Tack Coat	Gal	51-100	75		
						Total Bid Comparison Award No. 24	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
25	106	Latex Modified Surface Treatment	SY	1-1000	500		
						Total Bid Comparison Award No. 25	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
26	106	Latex Modified Surface Treatment	SY	1001-5000	3,000		
						Total Bid Comparison Award No. 26	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
27	113	Sodding	SY	1-5000	1,000		
						Total Bid Comparison Award No. 27	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
28	113	Sodding	SY	5001-10000	7,500		
						Total Bid Comparison Award No. 28	

Award No.	Item No.	Description	Unit	Quantity	Estimated Quantity	Unit Cost	Total Price
29	151-6'	Poured in Place Safety Surface - 6' Critical Fall Ht.	SY	1-1000	500		
	151-8'	Poured in Place Safety Surface - 8' Critical Fall Ht.	SY	1-1000	500		
	151-10'	Poured in Place Safety Surface - 10' Critical Fall Ht.	SY	1-1000	500		
						Total Bid Comparison Award No. 29	

ALL ITEMS IN AN AWARD GROUPING (I.E. 2, 3, 4…..) MUST BE COMPLETED TO BE CONSIDERED A COMPETITIVE BID

ESTIMATED QUANTITIES LISTED ARE SOLELY FOR BIDDING PURPOSES. THE TOWN RESERVES THE RIGHT TO INCREASE OR DECREASE QUANTITIES AS DEEMED NECESSARY. ITEMS FROM ANY AWARD MAY BE UTILIZED WITH OUT UTILIZING SOME OR ALL ITEMS IN THE SAME AWARD GROUPING

PROPOSAL FORM

The undersigned hereby acknowledges receipt of the following Addenda (if any):

Addendum No.	Dated
_____	_____
_____	_____

Signature of person, firm or corporation making this proposal:

_____
(Contractor)

_____
(Title)

P.O. Address: _____

Telephone No.:_____ Dated:_____

The full names and address of all persons interested in the Proposal or principals are as follows:

Name	Address
_____	_____
_____	_____
_____	_____

The Town Board reserves the right to award this contract to the lowest qualified bidder and to reject and declare invalid any or all bids deemed not in the best interest of the Town. In awarding this contract, the Town is not bound by the quantities stated in the Proposal Form. It is emphasized that the quantities are approximations only. No guarantee is made for any quantities stated not is a guarantee made to the total bid or alternate total bid. Such total bid or alternate total bid is for the purpose of guidance in awarding the contract only. Payment shall be on the basis of actual work done at the unit prices quoted.

On acceptance of this bid, the undersigned binds himself or themselves to enter into written contract with the Town not later than fourteen (14) days after the date of notice of the acceptance of his bid and to furnish the required security for faithful performance of the terms of said contract and the insurance as required by the Conditions of contract, and to process the work diligently so as to complete all the work required under this contract within the time frame as dictated by the Town Engineer or his representative.

STATEMENT OF NON-COLLUSION

As per Chapter 751 of the Laws of 1965, an amendment to the General Municipal Law sponsored by the New York State Department of Law, all bids, proposals and contracts awarded or accepted by a municipality must contain a statement of non-collusion. By submission of this bid or proposal, the bidder certifies that:

(A) This bid or proposal has been independently arrived at without collusion with any other bidder or with any competitor or potential competitor;

(B) This bid or proposal has not been knowingly disclosed and will not be knowingly disclosed prior to the opening of bids or proposals for this project to any other bidder, competitor or potential competitor;

(C) No attempt has been or will be made to induce any other person, partnership or corporation to submit or not to submit a bid or proposal;

(D) The person signing this bid or proposal certifies that he has fully informed himself regarding the accuracy of the statements contained in this certification and under the penalties of perjury, affirms the truth thereof such penalties being applicable to the bidder as well as to the person signing in its behalf;

(E) That attached hereto (if corporation bidder) is a certified copy of resolution authorizing the execution of this certificate by the signature of this bid or proposal in behalf of the corporate bidder.

Resolved that _____be authorized
(Name of Corporation)
to sign and submit the bid or proposal of this corporation for the following project:

_____

_____
(Describe Project)

and to submit in such bid or proposal the certificate as to non-collusion required by Section One Hundred Three D (103-D) of the General Municipal Law as the act and deed of such corporation and for any inaccuracies or misstatements in such certificates, this corporate bidder shall be liable under the penalties of perjury.

The following is a true and correct copy of the resolution adopted by:

_____

Corporation at a meeting of its Board of Directors on the _____ day of _____, 20 ___.

(Seal of Corporation)

_____
Secretary

Legal name of person, firm or corporation making this Bid:

_____

Dated:_____

(Bidder's Seal)

NOTES:

(1) Where a bidder is a firm, the bid must be signed in the name of the firm by a member of the firm who must sign his own name immediately thereunder as _____, Partner.

(2) Where a bidder is a corporation, the bid must be signed in the name of the corporation by a duly authorized officer or agent thereof having knowledge of the matters stated in the bid and such officer or agent shall also subscribe his own name, the office he holds, and the seal of the corporation must be affixed.

(3) The bid must be sworn to by the person signing it, using one of the appropriate forms of acknowledgement that follow.

(4) The bidders shall date the Form of Affidavit, fill in all blank spaces and complete the "Questionnaire" which follows as part of the bid.

(5) In case of any discrepancy in the bidder's extensions or total, the Town Engineer's computation of extensions and totals will govern.

PROPOSAL FORM

FORM OF AFFIDAVIT WHERE BIDDER IS AN INDIVIDUAL

STATE OF NEW YORK)
) ss.:
COUNTY OF)

_____, being duly sworn, deposes and says: I am the person described in and who executed the foregoing bid and the several matters therein state are in all respects true.

_____
(Signature of person who signed bid)

Subscribed and sworn to before me this
_____ day of _____, 20___.

_____
(Notary Public)

FORM OF AFFIDAVIT WHERE BIDDER IS A FIRM

STATE OF NEW YORK)
) ss.:
COUNTY OF)

_____ being duly sworn, deposes and says: I am a member of _____, the firm described in and which executed the foregoing bid. I subscribed the name of the firm thereto on behalf of said firm, and the several matters therein stated in all respects are true.

_____
(Signature of person who signed bid)

Subscribed and sworn to before me:

this _____ day of _____, 20__.

_____
(Notary Public)

PROPOSAL FORM

FORM OF AFFIDAVIT WHERE BIDDER IS A CORPORATION

STATE OF NEW YORK)
) ss.:
COUNTY OF)

_____being duly sworn, deposes and says: I am the _____ of _____ the above named corporation, whose name is subscribed to and which executed the foregoing bid. I reside at _____, State of _____. I have knowledge of the several matters therein stated and they are in all respects true.

_____
(Signature of person who signed bid)

Subscribed and sworn to before me this _____

day of _____, 20___.

_____
(Notary Public)

PROPOSAL FORM

BIDDER MUST SIGN THIS FORM BEFORE A NOTARY PUBLIC

Bid or Contract Number _____

STATE OF NEW YORK)
) ss.:
COUNTY OF)

That in connection with the above bid or contract of _____ I _____ the *(applicable herein), (an officer or agent of the corporate applicant, namely its _____), swears or affirms under the penalties of perjury, that no other person will have any direct or indirect interest in this proposal except _____ (in case of a corporation, all officers of the corporation and stockholders owning more than 5% of the corporation and stock must be listed. Use separate sheet in necessary.)

That *(none of the officers or stockholders are) related to any officer or employee of the Town of Riverhead except _____
_____.

That there is not any state or local officer or employee or a member of a board of commissioners of a local public authority or other public corporation within the county (exclusive of a volunteer fireman or civil defense volunteer) interested in such application.

_____
(Signature)

Sworn to before me this _____
day of _____, 20____.

_____
(Notary Public)

*Cross out phrase not appropriate.

NOTE: It is not forbidden that individuals working for the Town of Riverhead or other municipality bid on contracts but only that such interest be revealed when they do bid.

FORM OF BID BOND, PAYMENT BONDS AND PERFORMANCE BONDS

The Form of Bid Bond shall be AIA Document A310
The Form of Labor and Material Payment Bond AIA Document A311
The Form of Performance Bond and Payment Bond shall be AIA Document A 312

CONDITIONS OF CONTRACT

INDEX

1. Contract Documents and Definitions.
2. Scope of Services.
3. Compensation to be Paid to the Contractor.
4. Time of Essence.
5. Time of Completion.
6. Liquidated Damages.
7. Termination of Primary Contractor.
8. Extension of Time. No Waiver.
9. Weather.
10. Contract Security.
11. Laws and Ordinances.
12. Qualifications for Employment.
13. Non-Discrimination.
14. Payments of Employees.
15. Estimates and Payments.
16. Acceptance of Final Payment Constitutes Relief.
17. Construction Reports.
18. Inspection and Tests.
19. Plans and Specifications: Interpretations.
20. Superintendency by Contractor.
21. Contractor's Title to Materials.
22. Protection of Work, Persons and Property.
23. Representations of Contractor.
24. Authority of the Engineer.
25. Changes and Alterations.
26. Correction of Work.
27. Weather Conditions.
28. The Town's Right to Withhold Payments.
29. The Town's Right to Terminate Contract.
30. Contractor's Right to Stop Work or Terminate Contract.
31. Responsibility for Work.
32. Use of Premises and Removal of Debris.
33. Suits of Law.
34. Power of the Contractor to Act in an Emergency.
35. Provisions Required by Law Deemed Inserted.
36. Subletting - Successor and Assigns.
37. General Municipal Law Clause.
38. Contractor's Insurance.

38A. Hold Harmless Clause.

39. Claims Against Town Officials and Employees.
40. Proof of Carriage of Insurance.
41. Term of Contract.

CONDITIONS OF CONTRACT

1. CONTRACT DOCUMENTS AND DEFINITIONS

The Notice to Bidders, Instructions to Bidders, Proposal Form, Form of Bond, Conditions of Contract, General Conditions, Specifications, Form of Contract, Construction Drawings, together with any Addenda, shall form part of this Contract, and the provisions thereof shall be as binding upon the parties hereto, as if they were herein fully set forth. The table of contents, titles, heading, headlines, and marginal notes contained herein are solely to facilitate reference to various provisions of the Contract Documents and in no way affect, limit or cast light upon the interpretation of the provisions to which they refer. Whenever the term "Contract Documents" is used, it shall mean and include the Notice to Bidders, Instructions to Bidders, Proposal Form, Form of Bond, Conditions of Contract, General Conditions, Plans & Specifications, Form of Contract and any Addenda. In case of any conflict or inconsistency between the provisions of the contract and those of the Specifications, the provisions of this contract shall govern.

Extra Work: The term "extra work" as used herein, refers to and includes all work required by the Town, which in the judgement of the Town Engineer involves changes in or additions to work required by the Specifications and any Addenda in their present form and which is not covered by the price in the Form of Bid.

Subcontractor: The term "subcontractor" shall mean any person, firm, or corporation supplying labor and material for work at the site of the project but not including the parties to this contract.

Notice: The term "notice" as used herein, shall mean and include written notice. Written notice shall be deemed to have been duly served when delivered to, or at last known business address of, the person, firm or corporation for who intended, or his, their, or its duly authorized agents, representatives, or officer, or when enclosed in a postage prepaid wrapper or envelope addressed to such person, firm or corporation at his, their or its last known business address and deposited in a United States mailbox.

Directed, Required, Approved, Acceptable: Whenever the Contract Documents refer to the work or its performance, "directed", "required", "permitted", imply the direction, requirement, permission, order, designation or prescription of the Town Engineer, or his representative, and "approved", "satisfied", or "satisfactory", "in the judgement of", and words of like import, shall mean approved, or acceptable to, or satisfactory to, or in the judgement of the Town Engineer, or his representative.

2. SCOPE OF SERVICES

The contractor will furnish all labor, materials, suppliers, equipment and other facilities necessary or proper for, or incidental to, the work contemplated by this contract as required by, and in strict accordance with the applicable Plans and Specifications and Addenda prepared by the Town Engineer and/or required by, and in strict accordance

with, such changes as are ordered and approved pursuant to this contract, and will perform all other obligations imposed on him by this contract. It is specifically understood that this contract does not guarantee any minimum or maximum quantities of work. Quantities will be as ordered by the Town from time to time, and unit bid prices will govern. The quantities in the proposal are for bidding purposes only.

3. COMPENSATION TO BE PAID TO THE CONTRACTOR

(A) Agreed Prices: It is understood and agreed that the contractor will accept as payment in full the summation of the products of the actual quantities in place upon the completion of the work, as determined by the Town Engineer's measurements, by the unit prices bid, no allowances being made for anticipated profit or for reasons of variations from the estimated quantities set forth in the Form of Bid.

(B) Extra Work: The town may, at any time, by a written order and without notice to the sureties, require the performance of such extra work or changes in the work as it may find necessary or desirable. The amount of compensation to be paid to the contract for any extra work, as so ordered, shall be determined as follows:

1. By such applicable unit prices, if any, as set forth in the contract; or
2. If no such unit prices are set forth, then by unit price or by a lump sum mutually agreed upon by the town and the contractor; and
3. If no such unit prices are set forth and if the parties cannot agree upon unit prices or a lump sum; then by actual net cost in money to the contractor of the materials, permits, wages of applied labor, premiums for Worker's Compensation Insurance, payroll taxes required by law, rental for plant and equipment used (excluding small tools) to which total cost will be added twenty (20) percent as full compensation for all other items of profit costs and expenses, including administration, overhead, superintendency, insurance, insurance other than Workers' Compensation Insurance, materials used in temporary structures, allowances made by the contractor to subcontractors, additional premiums upon the performance bond of the contractor and the use of small tools.

4. TIME OF ESSENCE

Inasmuch as the provisions of the contract relating to the time of performance and completion of the work are for the purpose of enabling the town to proceed with the construction of a public improvement in accordance with a predetermined program, such provisions are of the essence of this contract.

5. TIME OF COMPLETION

The Town shall assign a construction schedule indicating a start date and a completion date. The contractor shall have a minimum of fourteen (14) days from the date of receipt of construction schedule to the earliest start date on the assigned construction schedule. If said schedule is not acceptable to the contractor, the contractor shall notify the town in

writing, postmarked within three (3) working days from date of receipt of construction schedule. This notification shall include an alternative construction schedule. The alternative construction schedule completion date shall not exceed twenty-eight (28) calendar days from the original completion date assigned by the Town. Failure to comply with time of completion shall constitute liquidated damages and termination of primary contractor.

6. LIQUIDATED DAMAGES

The time limit being essential to and of the essence of this contract, the primary contractor hereby agrees that the Town shall be and is hereby authorized to deduct and retain out of the money which may be due or may become due to said contractor under this agreement, the sum of the cost of completing the work by the secondary contractor, including overhead charges, services, inspector's wages, and interest on the money invested that the Town will suffer by reason of such default. The Town shall have the right to extend the time for the completion of said work.

7. TERMINATION OF PRIMARY CONTRACTOR

Termination of primary contractor shall include all work in progress and pending. All items previously awarded to terminated contractor shall be hereby awarded to corresponding secondary contractors. Termination of primary contractor shall extend the duration of the contract. At the discretion of the Town of Riverhead, termination of contractor shall warrant disqualification from awarding specific items or all items in succeeding Capital Improvement Projects, etc..

8. EXTENSIONS OF TIME. NO WAIVER.

If the contractor shall be delayed in the completion of his work by reason or by reasons of unforeseeable causes beyond his control and without his fault or negligence, including but not restricted to; acts of God, the public enemy, fires, floods, epidemics, quarantine restrictions, strikes, riots, civil commotion or freight embargoes, the period herein specified for completion of his work shall be extended by such time as shall be fixed by the Town.

No such extension of time shall be considered a waiver by the Town of its right to terminate the contract for abandonment or delay by the contractor as hereinafter provided, or relive the contractor from full responsibility for performance of his obligations hereunder.

9. WEATHER

During unsuitable weather, all work must stop when such work would be subject to injury and the contractor shall transfer his men and materials to those parts of the work where weather conditions will not have any effect on the workmanship to any damages

on account of such damages or suspension, and he must protect any work that might be injured by the elements and make good any work that is injured.

10. CONTRACT SECURITY

The contractor shall furnish a Performance Bond equal to 100% of the estimated value of the project completed under this contract. Upon final completion of the project, as determined by the Town Engineer, the Contractor shall furnish a Maintenance Bond equal to 100% of the project completed under this contract for a period of one year from the substantial completion date. The contractor shall include the cost of bonding in bid submittals.

Additional or Substitute Bond: If at any time the Town shall be or become dissatisfied with any surety or sureties then upon the Performance Bond, or if for any other reason such bond shall cease to be adequate security to the Town, the contractor shall within five (5) days after notice from the Town to do so, substitute an acceptable bond in such form and sum and signed by such other surety as may be satisfactory to the Town. The premiums on such bonds shall be made until the new surety shall have been qualified.

11. LAWS AND ORDINANCES

In the execution of the contract, the contractor will be required to observe and obey all federal, state, county and local laws, ordinances, codes and regulations relating to the performance of the contract including but not limiting labor employed thereon, materials supplied, obstructing streets and highways, maintaining signals, storing, handling and use of explosives and all other general ordinances and state statutes affecting him or his employees of his work hereunder in his relations with the municipality or any other persons, and also all laws, codes, ordinances controlling or limiting the contractor while engaged in executing the work under the contract.

As a condition of the contract, the contractor shall and does hereby agree to comply with all requirements of the Labor Laws of the State of New York.

The contractor shall comply with the provisions of Sections 291-299 of the Executive Law and Civil Rights Law, shall furnish all information and reports deemed necessary by the State Commission for Human Rights, the Attorney General and the Industrial Commissioner for purposes of investigation to ascertain compliance with such sections of the Executive Law and Civil Rights Law.

The contract may be forthwith canceled, terminated or suspended, in whole or in part, by the contracting agency upon the basis of a finding made by the State Commissioner for Human Rights that the contractor has not complied with these laws.

The contract hereby expressly agrees to comply with all the provisions of the Labor Law and any and all amendments thereto, insofar as the same are applicable to the contract. The Labor Law, as amended, provides that no laborer, workman or mechanic in the

employ of the contractor, subcontractor or other person doing or contracting to do the whole or a part of the work contemplated by this contract, shall be permitted or required to work more than eight (8) hours in any one (1) calendar day, except in cases of extraordinary emergency caused by fire, flood or danger to life or property; that no such person shall be employed more than eight (8) hours in any day or more than five (5) days in any week except in such emergency; that the wages to be paid for a legal day's work as herein before defined, to laborers, workmen or mechanics upon the work called for under this contract or upon any materials used upon, or in connection therewith, shall not be less than the prevailing rate for a day's work in the same trade or occupation in the locality within the State where such work is to be done and each laborer, workman or mechanic employed by the contractor, subcontractor or other person about or upon the work shall be paid the wages herein provided; that employees engaged in the construction maintenance, and repair of highways and in water works construction outside the limits of cities and villages are no longer exempt from the provisions of the labor Law which require that payment of the prevailing rate of wages and the eight (8) hour day.

Section 222 of the Labor Law, as amended by Chapters 556 and 557 of the Laws of 1933, provides that preference in employment shall be given to citizens of the State of New York who have been residents of Suffolk County for at least six (6) consecutive months immediately prior to the commencement of their employment. Each person so employed shall furnish satisfactory proof of residence in accordance with rules adopted by the Industrial Commissioner. Person other than citizens of the State of New York shall be employed only when such citizens are not available. Section 222 further provides that upon the demand of the State Industrial Commissioners, the contractor shall furnish a list of names and addresses of all his subcontractors and further provides that a violation of this section shall constitute a misdemeanor and shall be punishable by a fine of not less than Fifty Dollars ($50.00) nor more than Five Hundred Dollars ($500.00) or by imprisonment for not less than thirty nor more than ninety days, or both fine and imprisonment.

Section 220-A of the Labor Law, as amended by Chapter 472 of the Laws of 1932, provides that before payment is made by or on behalf of the State or any city, county, town or village or other civil division of the state of any sums due on account of a contract for a public improvement, it is the duty of the comptroller or the financial officer of the municipal corporation to require the contractor and each and every subcontractor to file a certified statement in writing, in satisfactory form, certifying to the amount then due and owing to any and all laborers for daily or weekly wages on account of labor performed upon the work of the contractor, setting forth herein the names of the persons whose wages are unpaid and the amount due each respectively.

Section 220-B of the Labor Law, as so amended, provides that any interested person who shall have previously filed a protest in writing objecting to the amounts due or to become due to him for daily or weekly wages for labor performed on the public improvement for which the contract was entered into, or if for any reason, it may be deemed advisable, the comptroller of the state or financial officer of the municipal corporation may deduct from the whole amount of any payment on account thereof of the sums or sum admitted by any

contractor or subcontractor in such statement or statements so filed to be due and owing by him on account of labor performed and may withhold the amount so deducted for the benefit of the laborers for daily work, weekly wages, whose wages are unpaid as shown by the verified statements filed by any contractor or subcontractor and may pay directly to any person the amount or amounts so shown to be due for such wages.

Section 220-C of the Labor Law, as so amended, provides the penalty for making of a false oath or verification.

Section 220-D of the Labor Law provides that the advertised specifications for every contract for the construction, reconstruction, maintenance and/or repair of highways to which the state, county, town and/or village is a party shall contain a provision stating the minimum rate of hourly wage that can be paid, as shall be designated by the Industrial Commissioner, to the laborers employed in the performance of the contract whether by the contractor, subcontractor or other person doing or contracting to do the whole or part of the work completed by the laborers shall be paid not less than such hourly minimum rate of wage. Any person or corporation that willfully pays, after entering into such contract, less than such stipulated minimum hourly wage scale shall be guilty of a misdemeanor and upon conviction, shall be punished for a first offense by a fine of Five Hundred Dollars ($500.00) or by imprisonment; for a second offense by a fine of One Thousand Dollars ($1,000.00) and in addition thereto, the contract on which the violation has occurred shall be forfeited, and no such person or corporation shall be entitled to receive any sum nor shall any officer, agent or employee of the state pay the same or authorize its payment from the funds under his charge or control to any person or corporation for work done upon any contract, on which the contractor has been convicted or a second offense in violation of the provisions of this section.

The minimum wage rates established by the Industrial Commissioner, State of New York, for this contract are set forth herein above as part of " Instructions to Bidders, Section 21 "NYS Wage Rates"

12. QUALIFICATIONS FOR EMPLOYMENT

No person under the age of sixteen (16) years and no person currently serving sentence in a penal or correctional institution shall be employed to perform any work on the project under this contract. No person whose age or physical condition is such as to make his employment dangerous to his health or safety or to the health or safety of others, shall be employed to perform any work on this project; provided, however, that such restrictions shall not operate against the employment of physically handicapped persons, otherwise employable, where each person may be safely assigned to work which they can ably perform.

13. NONDISCRIMINATION

There shall be no discrimination because of race, creed, or color in the employment of persons for work under this contract, whether performed by the contractor or any

subcontractor. Neither shall the contractor or subcontractor or any person acting on behalf of the contractor or subcontractor discriminate in any manner against or intimidate any employee hired for the performance of work under this contract on account of race, creed, or color.

14. PAYMENTS OF EMPLOYEES

The contractor and each of his subcontractors shall pay each of his employees engaged in work on the project under this contract in full (less deductions made mandatory by law) not less often than once each week. Certified payrolls shall be submitted to the Town Engineer before payment to the contractor is processed. Affidavit attesting to payment or amount owed to employees shall be submitted before payment to contractor is processed.

15. ESTIMATES AND PAYMENTS

Upon successful completion of all work, the contractor shall submit an invoice to the Town Engineer for approval. Upon approval by the Town Engineer, payment will be made to the contractor within thirty (30) calendar days provided the payment request is correct and complete.

(A) Monthly: At the end of each calendar month during the progress of the work, the Town Engineer shall make an approximate estimate of the work satisfactorily completed, based upon the prices set forth in the Form of Bid. In consideration of the work completed, the Town will pay or cause to be paid to the contractor the amount estimated by the Town Engineer as due him less five (5%) percent.

The making of any such estimate or payment made thereon shall not be taken or construed as an acceptance by the Town of any work so estimated and paid for. The five (5%) percent of the amount of the monthly estimate remaining unpaid will be retained by the Town as a guarantee that the contractor will faithfully and completely fulfill all obligations imposed by the contract and specifications, and against any damages caused the Town by reason of any failure on the part of the contractor to fulfill all conditions and obligations herein contained.

(B) Final Estimate: One month after the completion and acceptance of the work specified and contracted for, the Town Engineer will make a final estimate of all the work done. Thereafter, the Town will pay the full amount, less prior payments, less any amounts retained to complete the work according to the provisions of the specifications, less any money paid by the Town by reasons of said contractor having failed to carry out faithfully and completely all the obligations and requirements herein contained. Upon final settlement, according to the conditions herein specified and not until such settlement shall have been made, will the contractor be relieved from the obligations assumed in the contract.

(C) Measurement for Payment: The Town Engineer shall make due measurement of work completed during the progress of the work and his estimate shall be final and

conclusive evidence of the amounts of work performed by the contractor under and by virtue of this agreement and shall be taken as full measure of compensation to be received by the contractor.

(D) No payments will be made for materials delivered to the site which have not been incorporated into the work.

16. ACCEPTANCE OF FINAL PAYMENT CONSTITUTES RELEASE

The acceptance by the contractor of final payment shall be, and shall operate as a release to the Town from all claims and all liabilities to the contractor for all the things done or furnished in connection with this work and for every act and neglect of the Town and others relating to or arising out of, this work, excepting to the contractor's claims for interest upon the final payment, if this payment be improperly delayed. No payment, however, final or otherwise, shall operate to release the contractor or his sureties from any obligations under this contract or the performance bond or maintenance bond.

17. CONSTRUCTION REPORTS

The contractor shall submit to the Town Engineer prior to commencing any work under this contract, a detailed schedule and plan of operations indicating the manner in which the contractor proposes to prosecute the work and a time schedule therefor. Such schedules are not intended to bind the contractor to a predetermined plan or procedure, but rather to enable the Town Engineer to coordinate the work of the contractor with work required of and to be performed by others. The detailed schedule shall include a list of the subcontractors and material suppliers he proposes to use on the work.

18. INSPECTION AND TESTS

All material and workmanship shall be subject to inspection, examination and test by the Town Engineer, or his representative, at any time during the construction and at any and all places where manufacturing of materials used and/or construction is carried on.

If at any time before final acceptance of the entire work, the Town Engineer, or his representative, considers necessary or advisable an examination of any portion of the work already completed, by removing the same, the contractor shall upon request, furnish promptly all necessary facilities, labor and materials for such examination. If such work is found to be defective in any material respect, due to the fault of the contractor or any subcontractor, contractor shall be liable for the expense for such examination and of satisfactory reconstruction.

If, however, such approval and consent shall have been given and such work is found to meet the requirements of this contract, the contractor shall be recompensed for the expense of such examination and reconstruction in the manner herein provided for the payment of cost of extra work.

The selection of laboratories and/or agencies for the inspection and tests of supplies, materials or equipment shall be subject to the approval of or designated by the Town. Satisfactory documentary evidence that the material has passed the required inspection and tests must be furnished to the Town Engineer prior to the incorporation of the material in the work.

Any rejected work will be removed from the site of the project completely at the expense of the contractor.

19. PLANS AND SPECIFICATIONS: INTERPRETATIONS

The contractor shall keep at the site of the work one copy of the plans and specifications. Bidding of this contract shall be based on the information and data contained herein. Materials of construction and component installation shall conform to the general requirements of the specifications and details contained at the end of the specifications. The Town Engineer will provide plans and directions for specific drainage projects as projects arise. System configurations, arrangements, elevations, materials and methods are to be as directed by the Town Engineer on a specific project basis.

20. SUPERINTENDENCY BY CONTRACTOR

At the site of the work, the contractor shall give his constant, personal attention to the work or employ a construction superintendent or foreman who shall have full authority to act for the contractor. It is understood that such representative shall be acceptable to the Town Engineer, or his representative, and shall be one who can be contained in that capacity for the particular job involved unless he ceases to be on the contractor's payroll. The contractor's superintendent and foreman must be able to read and speak the English language.

21. CONTRACTOR'S TITLE TO MATERIALS

No materials or supplies for the work shall be purchased by the contractor or any subcontractor subject to a chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the seller. The contractor warrants that he has good title to all materials and supplies used by him in the work.

22. PROTECTION OF WORK, PERSONS AND PROPERTY

Precaution shall be exercised at all times for the proper protection of all persons, property and work the contractor shall give notice to the owners of utilities which may serve the area and request their assistance in predetermining the location and depth of various pipes, conduits, manholes, and other underground facilities. The safety provisions of applicable laws and building and construction codes shall be observed. Machinery, equipment and all hazards shall be guarded or eliminated in accordance with the safety provisions of the manual of Accident Prevention in Construction published by the Associated General Contractors of America, to the extent that such provisions are not in

contravention of applicable law. The contractor shall furnish entirely at his own expense any and all additional safety measures deemed necessary by the Town to adequately safeguard the traveling public.

23. REPRESENTATIONS OF CONTRACTOR

The contractor represents and warrants:

(A) That he is financially solvent and that he is experienced in, and competent to, perform the type of work involved under this contract and able to furnish the plant, materials, supplies and/or equipment to be furnished for the work; and

(B) That he is familiar with all federal, state and municipal law, ordinances and regulations which may in any way affect the work of those employed thereunder, including but not limited to any special acts relating to the work; and

(C) That such work required by these contract documents as is to be done by him can be satisfactorily constructed and used for the purpose for which is intended and that such construction will not injure any person or damage any property; and

(D) That he has carefully examined the specifications and project site and that from his own investigations he has satisfied himself as to the nature of the work, the character of equipment and other facilities needed for the performance of the work, and the general local conditions which may in any way affect the work or its performance.

24. AUTHORITY OF THE ENGINEER

In the performance of the work, the contractor shall abide by all orders and directions and requirements of the Town Engineer, or his representative, and shall perform work to the satisfaction of the Town Engineer, or his representative, at such time and places, by such methods, and in such manner and sequence as he may require. The Town Engineer, or his representative, shall determine the amount, quality, acceptability, and fitness of all parts of the work, shall interpret the plans, specifications, contract documents and any extra work orders and shall decide all other questions in connection with the work. Upon request, the Town Engineer, or his representative, shall confirm in writing any oral orders, directions, requirements or determinations. The enumeration herein or elsewhere in the contract documents of particular instance in which the opinion, judgement, discretion or determination of the Town Engineer, or his representative, shall control or in which work shall be performed to his satisfaction or subject to his approval or inspection, shall not imply that only matters similar to those enumerated shall be so governed and performed, but without exception all the work shall be governed and so performed.

25. CHANGES AND ALTERATIONS

The Town Engineer reserves the right to make alterations in locations, line, grade, plan, form or dimensions of the work, or any part thereof, either before or after the commencement of construction. If such alteration diminishes the amount of work to be done, no claim for damages or anticipated profits will be warranted on the work which may be dispensed with. If such alterations increase the amount of work, such increases shall be paid for according to the quantity of work actually done and at the prices for such work as contained in the schedule of prices.

26. CORRECTION OF WORK

All work and all materials whether incorporated into the work or not, all processes of manufacture and all methods of construction shall be at all times and places subject to the inspection of the Town Engineer, or his representative, who shall be the final judge of quality, materials, processes of manufacture and methods of construction suitable for the purpose for which they are used. Should they fail to meet his approval, they shall be forthwith reconstructed, made good and replaced and/or corrected as the case may be, by the contractor, at his own expense.

If, in the opinion of the Town Engineer, or his representative, it is not desirable to replace any defective or damaged materials or to reconstruct or correct any portion of the work injured or not performed in accordance with the contract documents, the compensation to be paid to the contractor thereunder shall be reduced by such amount as in the judgement of the Town Engineer, or his representative, shall be equitable. The contractor expressly warrants that his work shall be free from any defects in materials or workmanship and agrees to correct any defects which may appear within one year following the final completion of the work. Neither the acceptance of the completed work nor payment therefor shall operate to release the contractor or his sureties from any obligations under or upon this contract or the performance bond.

27. WEATHER CONDITIONS

In the event of temporary suspension of work or during inclement weather or whenever the Town Engineer, or his representative, shall direct, the contractor will, and will cause his subcontractor to sufficiently protect his and their work and materials against damage or injury from the weather. If, in the opinion of the Town Engineer, or his representative, any work or material shall have been damaged or injured by reason of failure on the part of the contractor or any of his subcontractors to protect his or their work, such work and materials shall be removed and replaced at the expense of the contractor.

28. THE TOWN'S RIGHT TO WITHHOLD PAYMENTS

The Town may withhold from the contractor so much of any approved payments due him as may, in the judgement of the Town be necessary:

(A) To assure the payment of just claims then due and unpaid of any persons supplying labor or materials for the work;

(B) To protect the Town from loss due to defective work not remedied; or

(C) To protect the Town from loss due to injury to persons or damage to the work or property of other contractors or subcontractors or others, caused by the act or neglect of the contractor or any of his subcontractors. The Town shall have the right, as agent for the contractor, to apply such amounts so withheld in such manner as the town may deem proper to satisfy such claims or to secure such protection. Such applications of such money shall be deemed payments for the account of the contractor.

29. THE TOWN'S RIGHT TO TERMINATE CONTRACT

The Town of Riverhead may terminate this contract if:

(A) the contractor shall be adjudged bankrupt or make an assignment for the benefit of creditors; or

(B) a receiver or liquidator shall be appointed for the contractor for any of his property and shall not be dismissed within 20 days after such appointment, or the proceedings in connection therewith shall not be stayed on appeal within the said 20 days; or

(C) the contractor shall refuse or fail, after notice or warning from the Town Engineer, or his representative, to supply enough properly skilled workmen or proper materials to the job; or

(D) the contractor shall refuse or fail to prosecute the work or any part thereof with such diligence as will insure its completion within the period herein specified (or any duly authorized extension thereof) or shall fail to complete the work within said period; or

(E) the contractor shall fail to make prompt payments to persons supplying labor or materials for the work; or

(F) the contractor shall fail or refuse to regard laws, ordinances or the instruction of the Town Engineer, or his representative or otherwise be guilty of a substantial violation of any provisions of this contract.

Upon the determination by the Town of Riverhead to terminate this contract, and in any such event, the Town, without prejudice to any other rights or remedy it may have, may give seven (7) days notice to the contractor, terminate the employment of the contractor and his rights to proceed with as to the entire work or (or at the option of the Town) as to any portion thereof as to which delay shall have occurred, and may take possessions of the work and complete the work by contract, secondary contractor or otherwise, as the Town may deem appropriate. In such case, the contractor will not be entitled to receive any further payment until the work is finished. If the unpaid balance of the compensation to be paid to the contractor thereunder shall exceed the expense of so completing the work (including compensation for additional managerial, administrative and inspection services and any damages for delay), such excess shall be paid to the contractor. If such expense shall exceed such unpaid balance, the contractor and his sureties shall be liable to the Town for such excess. If the right of the contractor to proceed with the work is so terminated, the Town may take possession of and utilize in completing the work, such materials, appliances, supplies, plant and equipment as may be on the site of the work and necessary thereof.

30. CONTRACTOR'S RIGHT TO STOP WORK OR TERMINATE CONTRACT

If the work shall be stopped by order of the court or other public authority for a period of three (3) months without act or fault of the contractor or any of his agents, servants, employees or subcontractors, the contractor may, upon ten (10) days notice to the town, discontinue his performance of the work and/or terminate the contract; in which event, the liability of the Town immediately preceding (Paragraph 31), the contractor shall not be obligated to pay to the Town any excess of the expense of completing the work over the unpaid balance of the compensation to be paid to the contractor thereunder.

31. RESPONSIBILITY FOR WORK

The contractor agrees to be responsible for the entire work embraced in this contract until its completion and final acceptance by the Town of Riverhead. The contractor further agrees that any imperfect and/or damaged work that may be discovered at any time before the completion and acceptance of work shall be removed and/or replaced in conformity with the requirements of this contract without charge to the Town. Such removal and replacement will be performed as soon as practicable following receipt of written notice from the Town Engineer that the work is imperfect and/or damaged. The contractor further agrees that the inspection of the work by the Town Engineer of his or her designee shall not relieve him of any obligation to do sound and reliable work. Furthermore, such inspection and/or partial payment for work shall not preclude the Town Engineer from requiring removal and/or replacement at a later time. Neither shall such inspection or partial payment be deemed to be acceptance of any work.

32. USE OF PREMISES AND REMOVAL OF DEBRIS

The contractor expressly undertakes at his own expense:

(A) To store his apparatus, materials, supplies and equipment in such orderly fashion at the site of the work as will not unduly interfere with the progress of his work or the work of any of his subcontractors;

(B) To frequently clean up all refuse, rubbish, scrap materials and debris caused by the operations to the end that at all times, the site of the work shall present a neat, orderly and workmanlike appearance;

(C) Before final payment hereunder to remove all surplus material, temporary structures, plants of any descriptions and debris of every nature resulting from his operations.

33. SUITS OF LAW

The contractor shall indemnify and hold harmless the Town and its employees from and against all suits, claims, demands or actions for any injury sustained or alleged to be sustained by any party or parties in connection with the construction of the work or any part thereof, or any commission or omission of the contractor, his employees or agents of any subcontractor, and in case of any such action shall be brought against the Town, the contractor shall immediately take charge of and defend the same at his own cost and expense.

34. POWER OF THE CONTRACTOR TO ACT IN AN EMERGENCY

In case of an emergency which threatens loss or injury to property and/or safety of life, the contractor will be permitted to act as he sees fit without previous instructions from the Town Engineer, or his representative. He shall notify the Town Engineer, or his representative thereof immediately and any compensation claimed by the contractor due to extra work made necessary because of his acts in such emergency shall be submitted to the Town Engineer, or his representative, for approval.

Where the contractor has not taken action but has notified the Town Engineer, or his representative, of an emergency indicating injury to persons or damage to adjoining property or to the work being accomplished under this contract, then upon authorization from the Town Engineer, or his representative to prevent such threatened injury or damage, he shall act as instructed by the Town Engineer, or his representative. The amount of reimbursement claimed by the contractor on account of any such action shall be determined in the manner provided herein for the payment of extra work.

35. PROVISION REQUIRED BY LAW DEEMED INSERTED

Each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein and the contract shall read and be enforced as though it were included herein, and if trough mistake or otherwise, any such provision is not inserted, or is not correctly inserted, then upon the application of either party the contract shall be forthwith physically amended to make such insertion.

36. SUBLETTING – SUCCESSOR AND ASSIGNS

The contractor shall not sublet any part of the work under this contract nor assign any money due him hereunder without first obtaining the written consent of the town. This contract shall insure the benefit of and shall be binding upon the parties hereunder and upon their respective successors and assigns, but neither party shall assign or transfer his interest herein in whole or in part without consent of the other.

37. GENERAL MUNICIPAL LAW CLAUSE

Pursuant to the provisions of Section 103-a of the General Municipal Law, in the event that the bidder or any member, partner, director or officer of the bidder, should refuse, when called before a grand jury to testify concerning any transaction or contract had with the state, any political subdivision thereof, a public authority or any public department, agency or official of the state or of any political subdivision thereof or of a public authority, to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning such transaction or contract, such person, and any firm, partnership, or corporation of which he is a member, partner, director or officer shall be disqualified from thereafter selling to or submitting bids to or receiving awards from or entering into any contracts with any municipal corporation or any public department, agency or official thereof for goods, work or services for a period of five (5) years after such refusal, and any and all contracts made with any municipal corporation or any public department, agency or official thereof on or after the first day of July, 1959, by such person, and by any firm, partnership or corporation of which he is a member, partner, director or officer may be canceled or terminated by the municipal corporation without incurring any penalty or damages on account of such corporation for goods delivered or work done prior to the cancellation or termination shall be paid.

38. CONTRACTOR'S INSURANCE

The contractor shall not commence any work until he has obtained, and had approved by the Town, all the insurance required under this contract as enumerated herein:

Workers' Compensation Insurance
Public Liability and Property Damage Insurance
Contractor's Protective Liability and Property Damage Insurance
Owner's Protective Public Liability and Property Damage Insurance
Automobile Public Liability and Property Damage Insurance

The contractor shall not permit any subcontractor to commence any operation on the site until satisfactory proof of carriage of the above-required insurance has been posted with and approved by the Town.

(A) Workers' Compensation Insurance: The contractor shall take out and maintain, during the life of this contract, Workers' Compensation Insurance for all his employees employed at the site of the project, and in case of any of the work

being sublet, the contractor shall require all subcontractors similarly to provide Workers' Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the contractor. Limits: statutory for Workers' Compensation, One Million Dollars ($1,000,000) Employers Liability.

(B) Public Liability and Property Damage Insurance: The contractor shall take out and maintain during the life of this contract such Public Liability and Property Damage Insurance as shall protect him or any subcontractor performing work covered by this contract from claims for damages for personal injury including accidental death as well as from claims for property damage which may arise from operations under this contract, whether such operations be completed by the contractor or by any subcontractor, or by anyone directly or indirectly employed by either of them, and the amounts of such insurance shall be as follows:

Public Liability Insurance in an amount not less than Two Million Dollars ($2,000,000) combined single limit for bodily injuries, including wrongful death, and property damage. The Town of Riverhead must be named as an additional insured.

(C) Liability and Property Damage Insurance: the above policies for Public Liability and Property Damage Insurance must be so written as to include Contractor's Protective Liability and Property Damage Insurance to protect the contractor against claims arising from the operations of any subcontractor. The Town of Riverhead shall be named as additional insured.

(D) Owner's Protective Public Liability and Property Damage Insurance: The contractor shall furnish to the Town, with respect to the operations he or any of his subcontractors perform, a regular Protective Public Liability Insurance policy for, and in behalf of the Town, providing for a limit of not less than Two Million Dollars ($2,000,000) for all damages arising out of bodily injuries to, or death of, one person and subject to that limit for each person, a total limit of Two Million Dollars ($2,000,000) for all damages arising out of bodily injuries to, or death of, two or more persons in any one accident; and regular Protective Property Damage Insurance providing for a limit of not less than Four Million Dollars ($4,000,000) for damages arising out of injury to, or destruction of, property during the liability of the Town. The coverage provided under this policy must not be affected if the Town performs work in connection with the project either for or in cooperation with the contractor or as an aid thereto whether the same be a part of the contract or separate therefrom, by means of its own employees or agents, or if the Town directs or supervises the work to be performed by the contractor.

(E) Automobile Public Liability and Property Damage Insurance: The contractor shall take out and maintain during the life of the contract such Automobile Public Liability and Property Damage Insurance as shall protect him and any subcontractor performing work covered by this contract from claims for damages

for personal injury, including accidental death as well as form claims for property damage which may arise from operations under this contract, whether such operations be by himself or by a subcontractor or by anyone directly or indirectly employed by either of them and the amounts of such insurance shall be as follows:

Automobile Public Liability Insurance in an amount not less than One Million Dollars ($1,000,000) combined single limit for bodily injuries, including wrongful death, and property damage. The Town of Riverhead must be named as an additional insured.

Automobile Property Damage Insurance in an amount of not less than Two Million Dollars ($2,000,000) for damages on account of any accident and in an amount of not less than Two Million Dollars ($2,000,000) for damages on account of all accidents.

38A. HOLD HARMLESS CLAUSE

To the fullest extent permitted by law, the contractor shall indemnify and hold harmless the Owner and their agents and employees from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (i) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting therefrom and (ii) is caused in whole or in part by any negligent act or omission of the contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person described in the paragraph.

39. CLAIMS AGAINST TOWN OFFICIALS AND EMPLOYEES

The Contractor expressly agrees and represents that the contractor shall make no claim and shall bring no action pursuant to any federal or state laws, including, but not limited to 42 U.S.C. § 1983, against any Town official or employee in his/her individual or personal capacity for any act, omission, or statement made or done relating to, or arising out of, this contract and expressly waives its rights to bring such a claim pursuant to any federal or state laws, including, but not limited to 42 U.S.C. § 1983.

40. PROOF OF CARRIAGE OF INSURANCE

The contractor shall furnish the Town with certificates of each insurer insuring the contractor under this contract except with respect to subdivision "D". In respect to this paragraph, the contractor shall furnish the Town with the original insurance policy.

Both certificates, as furnished, and the insurance policy, as required, shall bear the policy numbers, the expiration date of the policy and the limits of liability thereunder. Both the certificates and the policy shall be endorsed to provide the Town with any notice of cancellation at least five (5) days prior to the actual date of such cancellation.

The insurance company utilized must have a minimum AM Best Rating of "A-VII".

41. TERM OF CONTRACT

The Contractor further agrees that he will begin the work herein embraced within ten days of issuance of a Town of Riverhead Purchase Order, unless the consent of the Town, in writing, is given to begin at a later date, and that he will prosecute the same so that it shall be entirely completed and performed within 30 days of the issuance of a Purchase Order or the Town prescribed Start Date. No extension beyond the date of completion fixed by the terms of this contract shall be effective unless in writing signed by the Town. The extension will be granted if in the opinion of the Engineer the Contractor has exercised all due diligence to complete the work within the initial 30 day period. This extension shall be for such time and upon such terms and conditions as shall be fixed by the Town, which may include a charge for engineering and inspection expenses actually incurred upon the work. Notice of application for such extension shall be filed with the Town Engineer at least fifteen days prior to the date of completion fixed by the terms of this agreement. Unless individual awards from the contracts are extended the end date of this contract shall be one year from the date of contract award.

GENERAL CONDITIONS

INDEX

1. DEFINITION OF TERMS
2. STANDARDS OF WORKMANSHIP
3. SAMPLES
4. MANUFACTURED MATERIALS
5. LABORATORY
6. SHOP DRAWINGS
7. PERMITS
8. PLANS AND SPECIFICATIONS
9. CUTTING, PATCHING AND DIGGING
10. ERRORS, OMISSIONS AND DISCREPANCIES
11. TEMPORARY TOILET
12. PROPER METHOD OF WORK AND PROPER MATERIALS
13. INSPECTION
14. WAIVER
15. WATER AND ELECTRIC POWER
16. MACHINERY AND EQUIPMENT
17. RIGHT TO USE WORK
18. NOTICE OF WARNING
19. WARNING SIGNS
20. ACCIDENT PREVENTION
21. DAMAGES
22. MAINTENANCE OF TRAFFIC
23. PROTECTION OF LAND MARKERS, TREES, SHRUBS, AND PROPERTY
24. PROTECTION OF UTILTIES

1. DEFINITION OF TERMS

Whenever the following words and expressions are used in the Specifications, it is understood that they have the meaning defined below:

Plans: All official drawings or reproductions of drawings pertaining to the work or to any structure connected therewith.

Specifications: The body of directions, requirements, descriptions, etc. contained in this document, together with all documents of any description and agreements made (or to be made) pertaining to the methods or manner of performing the work and/or to the quantities and quality of materials to be furnished and accepted under this contract.

Town: Town Board of the Town of Riverhead.

Contract: Collectively, the contract executed by the Town and the contract, Notice to Bidders, Instruction to Bidders, Proposal Form, Form of Bond, Conditions of Contract, General Conditions, Specifications, Addenda, Performance Bonds, and all supplemental agreements made or to be made.

Instructor: An authorized representative of the Town assigned to make any and all necessary inspections of the work performed and the materials furnished by the contractor.

Materials: Any approved materials acceptable to the Town and conforming to the requirements of these specifications.

Work: All of the work proposed to be accomplished at the site of the project, and all such other work as is in any manner required to accomplish the complete project. This includes all plant, labor, materials, supplies, equipment and other facilities and acts necessary or proper or incidental to the carrying out and completion of other terms of this contract. The term "work performed" shall be construed to include the materials delivered to and suitably stored at the site of the project.

2. STANDARDS OF WORKMANSHIP

The apparent silence of the specifications as to any detail or and apparent omission from them of a detailed description concerning any work to be done and materials to be furnished shall be regarded as meaning that only the best general practice observed in the latest current construction work is to prevail and that only material and workmanship of first quality is to be used in this connection and all interpretations of these specifications shall be made upon this basis.

3. SAMPLES

The contractor shall furnish for approval, all samples as directed. The work shall be in accordance with approved samples. Samples shall be submitted in ample time so as to prevent delay in fabrication or ordering of materials, allowing for a reasonable time for the Town Engineer, or his representative, to consider the samples submitted, and is necessary, to permit a re-submission of samples to the Town Engineer, or his representative, until approval is given.

Work and material shall be furnished and executed in accordance with approved samples, in every aspect. Each sample shall be labeled, bearing material, name and quality, contractor's name, date and other pertinent data. Unless otherwise specified, samples shall be in duplicate and of adequate size to show quality, type, color, range and finish and texture of material. Materials shall not be ordered until approval is received in writing from the Town Engineer, or his representative.

4. MANUFACTURED MATERIALS

Where several materials are specified by name, the Town Engineer, or his representative, shall have the right, before execution of the contract, to require any and all bidders to state the materials upon which they based their bid. Where any materials are specified by name or trade name, or by catalog number of a company or companies, the contractor shall furnish the article mentioned unless approval of the Town Engineer, or his representative, is obtained in writing for a substitution. Should the contractor desire to substitute another materials for one or more specified by name, he shall apply in writing for such permission and state credit or extra involved. He shall also provide supporting data and samples for the consideration of the Town Engineer.

Unless particularly specified otherwise, all manufactured articles, materials and equipment shall be applied, assembled, installed, connected, erected, used, cleaned and conditioned as directed by the manufacturer and including the necessary preparation to properly install the work. Where reference is made to manufacturer's directions, the contractor shall submit such directions to the Town Engineer as required.

The materials used in construction shall be disposed so as not to endanger the work, and so that full access may at all times be had to partly completed work and structures and they shall be so disposed as to cause no injury to those having access to the work or any of the units.

All labor shall be performed in the best and most workmanlike manner by mechanics skilled in their respective trades. Standards of work required throughout shall be of such grades as will bring first-class results only. The type of labor employed by the contractor shall be such as will insure the uninterrupted continuity of the entire work, without conflict of any kind.

5. LABORATORY

Laboratories shall be designated by the Town Engineer, or his representative, for testing the materials to be used under the contract. Where tests are made by other than the designated laboratories, two certified copies showing correctly the chemical analysis and physical tests shall be furnished to the Town Engineer, or his representative.

6. SHOP DRAWINGS

The contractor shall submit to the Town Engineer, four (4) copies of all shop drawings and schedules and no work shall be fabricated until his approval has been given. All shop drawings submitted to the Town Engineer must bear the contractor's stamp of approval evidencing that the drawings have been checked.

The contractor will make any corrections in the drawings required by the Town Engineer and will file with the Town Engineer four (4) corrected copies. Approval by the Town Engineer of such drawings or schedules shall not relieve the contractor from responsibility for:

(a) Errors of any sort in shop or setting drawings or schedules;
(b) Deviations from Plans and Specifications unless the contractor, at the time of submission of said drawings and schedules, has given notice to the Town Engineer of any such deviations.

7. PERMITS

7.1 Municipal: All work in connection with the installation of pipes or other underground structures of a like nature either within or without the limits of the highway, shall follow all the provisions as contained herein together with the provisions, as they apply, of the Highway Law, Road Openings, Section 149 and Section 198 of Town law, with all subsequent changes, additions or corrections thereto.

7.2 Suffolk County: All permits required for opening country roads and making connections with county drains will be obtained by the Town. A copy of the permit which must be kept on the job site at all times will be supplied to the contractor. The contractor will not be permitted to open any county road or make any connection to any county drain until he has been supplied with the necessary permit.

7.3 State of New York: The contractor shall obtain all necessary New York State highway permits whenever the contract requires any work to be done within or upon existing state highway right-of-ways. These permits shall be obtained from the District Office in Hauppauge prior to the performance of the work. Upon application for the permit, the contractor will be required to supply the following:

(1) Three (3) copies of a sketch or print showing description and location of the proposed work. These prints will be supplied to the contractor by the Town Engineer.

(2) Contingent liability insurance for the state (in addition to his own liability insurance) shall be furnished in amounts and manner as required by the State of New York. The contingent protective liability and complete operations liability insurance policy to cover:

"The people of the State of New York and/or the Highway Superintendent covering liability arising with respect to all operations through highway permits by permitted by anyone acting by, through or for the permitted, including omissions and supervisor acts of the State", in the amount of personal injury (including death) and property damage as required.

8. PLANS AND SPECIFICATIONS

The contractor will be furnished with five (5) sets of Plans and Specifications giving all the details and dimensions necessary for carrying out the work. One copy of Plans and Specifications furnished to the contractor must be kept constantly at the site. Anything shown on the Plans and not mentioned in the Specifications or mentioned in the Specifications and not shown on the Plans and all work and materials necessary for the completion of the work according to the intent and meaning of the contract shall be furnished, performed and done as if the same were both mentioned in the Specifications and shown on the Drawings. Any conflict or inconsistency between the figures and scale of Drawings shall be submitted by the contractor to the Town Engineer, or his representative, whose decisions hereon shall be conclusive.

In the event the meaning of any portion of the Specifications or Drawings or any supplementary drawings or instructions of the Town Engineer, or his representative, is doubtful, the same shall be understood to call for the best type of construction, both as to materials and workmanship, which reasonably can be interpreted.

All materials and workmanship must be strictly in accordance with the Plans and Specifications.

Additional copies of Plans and Specifications, when requested will be furnished to the contractor at cost of reproduction.

The contractor shall furnish to each of the subcontractors and materials men such copies of the Contract Documents as may be required for their work.

9. CUTTING, PATCHING AND DIGGING

The contractor shall do all curing, fitting or patching of his work that may be required to make its several parts come together properly and fit it to receive or be received by work

of other contractors shown upon or reasonably implied by Drawings and Specifications for the completed structure, and he shall make good after them as the Town Engineer, or his representative may direct. Any cost caused by defective or ill-timed work shall be borne by the party responsible therefor.

The contractor shall not endanger any work by cutting, digging or otherwise, and shall not cut or alter the work of any other contractor except with the consent of the Town Engineer, or his representative.

10. ERRORS, OMISSIONS AND DISCREPANCIES

a) If any errors, omissions or discrepancies appear in the drawings, specifications or other documents, the contractor shall, within ten (10) days from receiving such drawings, specifications or documents, notify the Town Engineer or his representative in writing of such errors or omissions. In the event of the contractor's failing to give such notice, he will be held responsible for the results of any such errors or omissions and the cost of rectifying the same.

b) If, in the opinion of the contractor, any work is shown on drawings, or details, or is specified in such a manner as will make it impossible to produce a first class piece of work, or should discrepancies appear between the drawings and/or specifications, he shall refer the same to the Town Engineer or his representative for interpretation before proceeding with the work. If the contractor fails to make such references to the Town Engineer, or his representative, no excuse will thereafter be entertained for failure to carry out the work in a satisfactory manner as directed.

c) Should a conflict occur in or between the drawings and specifications and/or existing conditions, the contractor shall be deemed to have estimated on the more expensive way of doing the work, unless he shall have asked for and obtained the decision in writing from the Town Engineer or his representative, before the submission of bids, as to which method or materials will produce the results to the best interests of the Town.

11. TEMPORARY TOILET

The contractor shall provide and maintain a sanitary temporary toilet where directed by the Town Engineer, or his representative. The temporary toilet shall be enclosed and weatherproof and kept in a sanitary condition at all times. Upon removal of the temporary outside toilet, the vault shall be disinfected, filled and all evidence of the toilet removed from the site.

12. PROPER METHOD OF WORK AND PROPER MATERIALS

The Town Engineer, or his representative, shall have the power in general to direct the order and sequence of the work, which shall be such as to permit the entire work under

this contract to be begun and to proceed as rapidly as possible and such as to bring the several parts of the work to a successful completion at about the same time.

If at anytime before the commencement or during the progress of the work the materials and appliances used or to be used appear to the Town Engineer, or his representative, as insufficient or improper for assuring the quality of the work required, or the required rate of progress, he may order the contractor to increase their efficiency of to improve their character, and the failure of the Town Engineer, or his representative, to demand any increase of such efficiency or improvement shall not release the contractor from his obligation to secure the quality of work or the rate of progress specified.

During freezing or inclement weather, no work shall be done except such as can be done satisfactorily and in a manner to secure first class construction throughout. All work shall be done in such a manner as will properly protect and support existing permanent structures, pipe lines, etc.

13. INSPECTION

Inspectors shall be authorized to inspect all work done on materials furnished. Such inspections may extend to all parts of the work and to the preparation or manufacture of the materials to be used. In case of any dispute arising between the contractor and the inspector as to materials furnished or the manner of performing the work, the inspector shall have the authority to reject material or suspend the work until the question at issue shall be referred to and decided by the Town Engineer, or his representative. The inspector shall not be authorized to revoke, alter, enlarge, relax or release any requirements of these specifications, not to approve or accept any portion of the work, not to issue instruction contrary to the plans and specifications. The inspector shall in no case act as foreman or perform other duties for the contractor or interfere with the management of the work by the latter.

Any advice which the inspector may give the contractor shall in no way be construed as binding the Town Engineer, or his representative, nor the Town in any way, nor releasing the contractor from the fulfillment of the terms of the contract.

The contractor shall be conclusively presumed to be acquainted with all existing conditions and to guarantee that all work and materials shall, upon final completion of the work, be turned over to the Town in a complete and perfect condition and the contractor shall be responsible for the proper care, maintenance and protection of all work and material until his entire contract is completed and all work and materials found in good condition and accepted. The contractor will be held responsible for the entire work until completed and accepted by the Town.

The contractor shall, at all times, provide the Town Engineer, assistants and inspectors under him with necessary facilities for determining both on the job and at the places of manufacture, that all work being performed and all materials being manufactured are strictly in accordance with the contract.

Until acceptance of work by the Town, the contractor shall be responsible for all damages to the work including action of the elements or any other cause whatsoever. The contractor shall continuously and adequately protect the work against damage from any cause.

14. WAIVER

Neither the inspection by the Town or any part of their employees, nor any order, measurement or certificate by the Town Engineer, or his representative, nor any order by the Town for the payment of any money, nor any payment for or acceptance of, the whole or any part of the work by the Town Engineer, or his representative, or the Town nor any extension of time nor any possession taken by the Town or its employees shall operate as a waiver of any provision of this contract or of any power herein reserved to the Town or any right to damages herein provided; nor shall any waiver of any breach of the contract constitute a waiver of any subsequent breach. Any remedy provided in this contract shall be construed as cumulative in addition to each and every remedy herein provided.

15. WATER AND ELECTRIC POWER

All water and electric power supply for construction purposes must be provided by the contractor. The cost shall be borne by the contractor. The Contractor shall obtain all permits and utilize portable RPZ's as required by the Riverhead Water District when requesting connection to hydrant.

16. MACHINERY AND EQUIPMENT

All machinery, equipment, trucks and vehicles used in the prosecution of the work or in connection therewith, shall at times be in proper working condition.

The contractor shall be responsible for curtailing noise, smoke, fumes, or any other nuisance resulting from his operations. He shall, upon written notification from the Town Engineer, make any repairs, replacements, adjustments, and additions and furnish mufflers when necessary to fulfill these requirements.

17. RIGHT TO USE WORK

The Town may enter upon and use the whole or any portion of the work, which may be in condition to use any time previous to its final acceptance by the Town. Such use shall not constitute or be evidence of acceptance by the Town of the whole or any part of the material furnished or work performed under the contract.

18. NOTICE OF WARNING

If the contractor shall fail to make prompt payment to persons supplying labor or materials for the work, or refuse or fail to supply enough properly skilled workmen or

proper materials or refuse or fail to prosecute the work or any part thereof with such diligence as will insure its completion within the period herein specified (or any duly authorized extension thereof) or fail to complete the work within said period or refuse or fail to regard laws, ordinances, codes, instruction of the Town Engineer, or his representative, then the Town shall forward by registered mail to the contractor, at the address given in the contract, a Notice of Warning, and in the event the contractor fails to comply with said Notice of Warning within five (5) days from receipt thereof, the Town shall have the right to terminate the contract.

19. WARNING SIGNS

Contractor shall provide and maintain proper luminous warning and detour signs where directed by the Town Engineer, or his representative and as directed by the Contract Documents.

Obstruction such as stored materials, equipment and excavations shall be marked with no less than two (2) lights which shall be no more than four (4) feet apart.

All lights shall be kept burning from one-half hour before sunset until one-half hour after sunrise.

20. ACCIDENT PREVENTION

During the performance of the work, the contractor shall exercise all reasonable precautions for the protection of persons and property. The safety provisions of applicable laws, building and construction codes shall be observed. Machinery, equipment and all other physical hazards shall be guarded in accordance with the safety provisions of the Manual of Accident Prevention in Construction published by the Associated General Contractors of America to the extent that such provisions are not inconsistent with federal, state or municipal laws or regulations.

If any operation, practice or condition is deemed by the Town Engineer, or his representative, to be unsafe, he shall notify the contractor in writing to take corrective action. Where in the opinion of the Town Engineer, or his representative, any operation, practice or condition shall be promptly discontinued and before the affected part of the work is resumed, remedial action taken.

The Town reserves the right to remedy any neglect on the part of the contractor as regards the protection of the work which may come to its attention, after twenty-four (24) hours notice in writing; except that in cases of emergency, it shall have the right to remedy any neglect without notice, and in either case to deduct the cost of such remedy from money due the contractor.

Nothing in the foregoing paragraphs shall be construed as relieving the contractor from full responsibility at all times for safe prosecution of the work.

21. DAMAGES

The contractor shall pay and make good all losses or damages arising out of any cause connected with the contract and shall indemnify and save harmless the Town from any and all claims and any and all liability or responsibility of every nature against the Town or any of its officers or agents, by reason of, or connected with the work or materials furnished under the contract and shall pay all costs and expenses of every kind, character, and nature whatsoever, occurring upon or arising out of the contract.

22. MAINTENANCE OF TRAFFIC

All work under this contract is to be completed within the time indicated in the Contract Agreement or as extended by the Town. If in the meantime it should become necessary, because of the lateness of the season, or any other reason to stop work, the contractor shall at his own expense, open proper drainage ditches, erect temporary structures where necessary, prepare the roads so there will be minimum interference with traffic, set up and maintain a competent organization as directed by the Town Engineer, or his representative, to keep the highways in first class condition for traffic, and take every precaution to prevent any damage or unreasonable deterioration of the work during the time it is closed.

23. PROTECTION OF LAND MARKERS, TREES, SHRUBS, AND PROPERTY

Wherever in the conduct of the work, a monument making a point of public or private survey is encountered or brought to view by excavation, the fact shall at once be communicated to the Town Engineer, or his representative. In no case shall the contractor remove the same until the location for resetting shall have been made by the Town Engineer, or his representative. All monuments or land markings exposed to view when the work is first undertaken shall be carefully preserved and the greatest care exercised to prevent injury to or disturbance of position of the monument.

The unit price of all items shall include the cost of restoring to its former condition any sidewalks or curbs, as well as restoring any trees, shrubs or lawns that may be damaged during this construction. No additional payment will be made.

The contractor is required at his own expense to obtain any and all permits for use of private property if he uses such property for storage, transportation or accomplishment of the work under the contract. Private property shall be cleaned up neatly, any damage repaired and premises restored to their original condition.

24. PROTECTION OF UTILITIES

The contractor shall familiarize himself with the existence of structures of municipal and other public service corporations on or adjoining the site of the work, for the area within the scope of the contractors work. The contractor shall be responsible for calling for a

mark out given reasonable opportunity to work in cooperation with the owners of these utilities in the work, reconstruction or alteration of these structures. Such reconstruction and alteration shall be so conducted as to delay or interfere as little as practicable with the work of the contractor. Any additional cost of various items or work because of these utilities shall be included in the price bid for these items.

The Town Engineer, or his representative, shall direct the public utility corporations to shift or remove those utility structures that may be necessary to permit the contractor to carry out the work in accordance with the plans. The contractor shall not remove or cause to be removed, any structure or part of a structure owned by a public utility corporation without the approval of the Town Engineer, or his representative.

The contractor shall cooperate with the public utility corporation whose structures (aerial, surface or subsurface) are within the limits of or along the outside of the right-of-way, to make it possible for them to maintain uninterrupted service. The contractor shall conduct his operations in such a way as not to delay or interfere as little as practicable with the work of the utility corporation.

TOWN OF RIVERHEAD
SUFFOLK COUNTY, NEW YORK

2015 ANNUAL CONSTRUCTION CONTRACT

TECHNICAL SPECIFICATIONS

TOWN OF RIVERHEAD
ANNUAL CONSTRUCTION AND ASPHALT INSTALLATION CONTRACT 2015
TECHNICAL SPECIFICATIONS

Item No. 1	Clearing and Grubbing
Item No. 2	Unclassified Excavation
Item No. 2U	Removal of Unsuitable Material
Item No. 3S	Embankment
Item No. 4	Stabilized Mixed-In-Place Recycled Base Course
Item No.4-P	Recycled Concrete Aggregate
Item No.4-SS	Stabilized Soil-Aggregate Subbase
Item No. 6	Detectable Warning Units
Item No. 7	Concrete Curb and Header
Item No. 8	Jumbo Belgian Block Curb
Item No. 9	Concrete Sidewalk
Item No. 10	Colored and Imprinted Concrete Sidewalk
Item No. 11	Concrete Aprons
Item No. 12	Trench Drain
Item No. 13	Pipe
Item No. 21	Leaching Pools
Item No. 23	Catch Basins
Item No. 25	Casting Adjustment
Item No. 27	Manholes and Drop Inlets
Item No. 44	Elastomeric Pavement Crack Sealant
Item No. 46	Fiber Reinforced Polymer Modified Pavement Crack Sealant
Item No. 48	Asphalt Concrete Truing and Leveling Course
Item No. 50	Asphalt Top Course Type 6
Item No. 51	Pavement Patches
Item No. 52	Asphalt Binder Course Type 3
Item No. 53	Tack Coat
Item No. 55	Asphalt Concrete Type 1, Base Course
Item No. 57	Asphalt Emulsions
Item No. 59	Cold Milling, Shaping and Removal of Bituminous Concrete Pavement
Item No. 70	Asphalt Price Adjustment
Item No. 74	Painted Lines
Item No. 100	Bituminous Surface Treatment
Item No. 104	Asphalt Emulsion Slurry
Item No. 106	Latex Modified Surface Treatment
Item No. 108	Vinyl Coated Chain Link Fencing
Item No. 112	Topsoil and Seed
Item No. 113	Sodding
Item No. 116	Thermoplastic Reflectorized Pavement Markings
Item No. 118	Erosion and Sediment Control
Item No. 151	Poured In Place Safety Surface
Item No. 190-O	Concrete Grid Pavements
Item Nos. 190-P and 190-PP	Permeable Interlocking Concrete Pavement
Item No. 191	Unit Pavers

ITEM NO. 1 CLEARING AND GRUBBING

1. DESCRIPTION - Under this item the Contractor shall clear and grub the area where construction is to be done; and such other areas as specified or directed; he shall clear such additional areas within the limits of the right of way, easement lines or other designated areas as specified or directed by the Town Engineer. The Contractor shall protect existing features which are to be retained and repair injuries as specified and as directed by the Town Engineer.

2. MATERIALS - The Contractor shall utilize all means and methods available to him to clear and grub area as shown on the plans or as directed by the Town Engineer.

3. CONSTRUCTION DETAILS

Location of Work - The Town Engineer will define the limit of areas where clearing and grubbing is to be done. They shall be the areas of construction which include the road section, stream channels, ditches, temporary approaches, detours and new drainage areas shown on the plans or as specified or as directed. The Engineer will designate the fences, structures, and debris and trees and bushes to be cleared where grubbing is not required. Clearing beyond the areas of construction shall be only where specified or directed. It shall not include all trees within the right-of way which are dead or in a hazardous condition and it may include a strip above the upper limits of cut slopes.

Grubbing and Cutting - All roots and stumps within the limits of the road section shall be grubbed and excavated unless otherwise specified or approved. Where trees are cleared and grubbing is not required the trunks shall be cut off not more than six (6) inches above the original ground surface. At the completion of the work on the contract the Contractor shall cut all grass, weeds and brush within the limits of the right-of-way and easement lines as directed by the Engineer.

Disposal – All wood and brush shall be chipped where permitted or otherwise disposed of as specified or approved. All elm wood cut by the Contractor shall be disposed of in a manner satisfactory to the Engineer. No tree trunks, stumps or other debris shall be felled, sidecast or placed outside the limits of the right-of-way. No debris shall be left within 300 feet of the roadway unless approved in writing by the Engineer. The location of disposal areas shall be approved in writing by the Engineer and shall be acquired by the Contractor at his own expense.

Protection and Restoration – The Contractor shall prevent all damage to pipes, conduits, wires, cables, monuments, or structures above or below ground. No land monuments, property markers, or official datum points shall be damaged or removed until an authorized agent has witnessed or otherwise referenced their location and approved their removal. The Contractor shall so control his operations as to prevent damage to trees and shrubs which are to be preserved. Protection may include fences and boards lashed to trees to prevent damage from blasting or machine operations. The Contractor shall off all branches of trees hanging within 16’ above any part of the roadway or which have been

broken or injured during construction. All tree repairs and painting of tree wounds shall be as directed by the Town Engineer. Where soil over the roots of trees to be preserved has become compacted it shall be restored by proper cultivation to a condition to permit adequate aeration of the soil. The Contractor will be required to replace at his own expense all plants destroyed or damaged beyond repair as determined by the Engineer. The species and size of the replacements shall be as determined by the Engineer except that their maximum size shall not exceed four (4) inches caliper. Areas disturbed beyond the limits of work as shown on the plans or as determined by the Engineer shall be regarded, fertilized, seeded and mulched, as provided for in the rest of the contract or as ordered by the Engineer. Where such areas extend beyond the limits covered by the contract payment items, the cost of this work shall be included in the price bid for the various items of the contractor.

4. METHOD OF MEASUREMENT – The quantity of clearing and grubbing to be paid for under this item will be the number of acres or percentage thereof as determined by the Engineer of clearing and grubbing measured in its original state and shall not exceed those shown on the plans or as set forth by the Engineer.

5. BASIS OF PAYMENT – The unit price bid per acre for this item shall include the cost of furnishing all labor, materials and equipment necessary to complete the work.

END OF SECTION

ITEM NO. 2 UNCLASSIFIED EXCAVATION

1. DESCRIPTION - The Contractor shall remove and dispose of earth excavation including soil, hardpan, and topsoil and sod as shown on the plans or as directed by the Engineer. The Town Engineer shall determine if any excavated material remains on site.

2. MATERIALS

The Contractor shall utilize all means and methods available to him to excavate the area as shown on the plans or as directed by the Town Engineer.

3. CONSTRUCTION DETAILS

Location of Work- The Town Engineer will define the limit of areas where unclassified excavation is to be done. They shall be the areas of construction which include the road section, stream channels, ditches, temporary approaches, detours and new drainage areas shown on the plans or as specified or as directed.

Unsuitable and unusable material not approved for use in widening the slopes outside the pavement or for drainage purposes shall be disposed of outside the right-of-way limits. At the Contractor's expense and in conformity with all local laws and ordinances. Existing structures which are to be abandoned and left in place, shall be broken up to a depth of four feet below finished grade and the hole backfilled with suitable material and compacted, as directed by the Engineer. No additional payment will be made for the demolition of the abandoned structures or for backfilling and compacting the hole.

Protection and Restoration – The Contractor shall prevent all damage to pipes, conduits, wires, cables, monuments, or structures above or below ground. No land monuments, property markers, or official datum points shall be damaged or removed until an authorized agent has witnessed or otherwise referenced their location and approved their removal. The Contractor shall so control his operations as to prevent damage to trees and shrubs which are to be preserved. Protection may include fences and boards lashed to trees to prevent damage from blasting or machine operations. The Contractor shall off all branches of trees hanging within 16' above any part of the roadway or which have been broken or injured during construction. All tree repairs and painting of tree wounds shall be as directed by the Town Engineer. Where soil over the roots of trees to be preserved has become compacted it shall be restored by proper cultivation to a condition to permit adequate aeration of the soil. The Contractor will be required to replace at his own expense all plants destroyed or damaged beyond repair as determined by the Engineer. The species and size of the replacements shall be as determined by the Engineer except that their maximum size shall not exceed four (4) inches caliper. Areas disturbed beyond the limits of work as shown on the plans or as determined by the Engineer shall be regarded, fertilized, seeded and mulched, as provided for in the rest of the contract or as ordered by the Engineer. Where such areas extend beyond the limits covered by the contract payment items, the cost of this work shall be included in the price bid for the various items of the contractor.

4. **METHOD OF MEASUREMENT** – The quantity of excavation to be paid for under this item will be the number of cubic yards of unclassified material measured in its original position, excavated and disposed of as required by the plans and specifications. The payment limits of the excavation shall not exceed those shown on the plans unless otherwise ordered in writing by the Engineer. For computations of the quantities of excavation, no deduction shall be made in the area of any cross-section for any pipe or similar obstruction unless the end area shall be greater than four square feet.

5. **BASIS OF PAYMENT** – The unit price bid for cubic yard for this item shall include the cost for furnishing all labor, materials and equipment necessary to complete the work. Material designated as select material and which is excavated or stripped and placed directly on the prepared areas to be seeded, as shown on the plans or as directed by the Engineer, will be paid for only under Unclassified Excavation.

END OF SECTION

ITEM NO. 2U REMOVAL OF UNSUITABLE MATERIAL

1. DESCRIPTION - The requirements of Item 2 – Unclassified Excavation shall apply except as modified herein. The Contractor shall remove unsuitable material within the roadway prism or areas as designated by the Engineer. Unsuitable materials may include but not limited to mulch, clay, boulders, concrete curb, sidewalk, pavement, old macadam, buried debris (including concrete), pumping material, or any strata that a minimum 95% compaction cannot be reached. The Engineer shall designate and specify those materials to be removed when encountered.

2. MATERIALS - The Contractor shall utilize all means and methods available to him to remove unsuitable material as directed by the Town Engineer.

3. CONSTRUCTION DETAILS - Unsuitable and unusable materials not approved for use in widening the slopes outside the pavement or for drainage purposes shall be disposed of outside the right-of-way limits.

4. METHOD OF MEASUREMENT – The quantity of excavation to be paid for under this item will be the number of cubic yards of material removed, measured in its original position below

5. BASIS OF PAYMENT – The unit price bid for cubic yard for this item shall include the cost for furnishing all labor, materials and equipment necessary to complete the work. Material designated as select material and which is excavated or stripped and placed directly on the prepared areas to be seeded, as shown on the plans or as directed by the Engineer, will be paid for only under Unclassified Excavation.

END OF SECTION

ITEM NO. 3S EMBANKMENT

1. DESCRIPTION

This work shall consist of placement and compaction of all materials that are provided under this section and shall be executed in conformance with payment lines, grades, thicknesses and typical sections specified in the contract documents. Common Fill and Select Granular Fill shall be used as instructed by the Town Engineer or as shown on the Contract Drawings.

1.1 Unclassified Excavation – Unclassified excavation is covered under Item 2 and shall consist of the excavation and disposal of materials encountered in the course of construction as described in Item 2.

1.2 Embankment - The embankment is the portion of a fill section situated between the embankment foundations and the subgrade surface, excluding any material placed under any other section of these specifications.

1.3 Embankment Foundation – The embankment foundation is the surface upon which an embankment is constructed.

1.4 Subgrade Surface – The subgrade surface is the surface of the grass area, driveway or parking lot section upon which borrow, subbase or base materials, respectively are placed.

1.5 Subgrade Area – The subgrade area is that portion of an embankment situated above either of the following, but excluding any material placed under another section of the specifications:

1.5.1 A line located two feet below the subgrade surface and extended to the intersection with the embankment side slopes, or

1.5.2 The embankment foundation, whichever is higher.

The material and compaction requirements for the subgrade area in embankments are found in paragraph 3.10.

1.6 Embankment Side Slope Area – The embankment side slope areas are those cross-sectional areas of an embankment situated outside of lines projected downward and outward on a one on one slope from the edges of the subgrade surface to their intersection with the embankment foundation, but excluding any portion lying within a subgrade area.

1.7 Suitable Material – A material whose composition is satisfactory for use in embankment construction is a suitable material. The moisture content of the material has no bearing upon such designation. In general, any mineral (inorganic) soil, blasted or broken rock and similar materials of natural origin, including mixtures thereof, are considered suitable materials. Determinations of whether a specific natural material is a suitable material shall be made by the Engineer on the above basis.

1.8 Unsuitable Materials – Any material containing vegetable or organic matter, such as muck, peat, organic silt, topsoil or sod, that is not satisfactory for use in embankment construction under Section 2.1 is designated under 2.1 as an unsuitable material. Man made deposits of industrial waste, toxic or contaminated materials, sludge, landfill or other material are also unsuitable materials.

1.9 Borrow Material – Borrow material required for earthwork construction in excess of the quantity of suitable material available from the required grading, cuts and excavations. Borrow may be necessary even though not shown on the plans.

1.10 Proof Rolling – Proof rolling consists of applying test loads over the subgrade surface by means of a heavy pneumatic-tired roller of specified design, to locate and permit timely correction of deficiencies likely to adversely affect performance of the pavement structure.

1.11 Graded Surfaces – The Contractor shall form and trim all graded surfaces to the lines and grades shown on the plans or as directed by the Town Engineer.

1.12 Select Granular Fill – This work shall consist of excavating for, furnishing, and installing granular fill below foundations or as slope protection in accordance with these specifications, conforming to the lines and grades shown on the plans, or where directed by the Town Engineer.

1.13 Applying Water – Under this work, the Contractor shall furnish and apply water for dust control, for compaction purposes and for such other purposes (not provided in other sections) as called for on the plans, or as directed by the Engineer. Water shall not be applied in inclement weather or when the temperature is below 0 degrees C. No separate payment will be made for application of water.

2. MATERIALS

2.1 Subgrade Area Material – Subgrade area material shall consist of any suitable material having no particles greater than six inches in maximum dimension.

2.2 Borrow - Material furnished for this item shall be suitable material having no particles greater than 3 inch in maximum dimension. Of the portion passing the 4 inch square sieve, the material shall have the following gradation:

Sieve Size	**Percent Passing By Weight**	**Sieve Size**	**Percent Passing By Weight**
40	0 to 70	No. 200	0 to 15

2.2.1 Soundness – The material shall be sound and durable. A material with a Magnesium Sulfate Soundness Loss exceeding 35 percent will be rejected.

2.2.2 Composition – RAP, RCA, shall not be accepted.

2.3 Select Granular Fill and Select Structural Fill – Materials furnished under this item shall be suitable and conform to the following requirements:

2.3.1 Gradation – except when used as backfill material for aluminum pipe with spiral ribs or plastic pipe, the material shall have the following gradation:

Sieve Size	**Percent Passing by Weight**
3 in.	100
No. 40	0 to 70
No. 200	0 to 15

2.3.2 When used as backfill for Corrugated Aluminum Pipe with spiral ribs, 100% of the material shall also pass the 1.5” Sieve. When used as backfill for plastic pipe, 100% f the material shall bass the ¾” sieve.

2.3.3 Soundness – The materials shall be substantially free of shale and soft, poor durability particles. A material with Magnesium Sulfate Soundness Loss exceeding 30% will be rejected.

2.3.4 Composition – RAP shall not be used. When used as backfill for aluminum pipe, the material shall be free of Portland cement or Portland cement concrete.

2.3.5 pH – Where the Town elects to test for this requirement, a material with pH of less than 5 or more than 10 shall be rejected.

2.4 Select Granular Fill Slope Protection – Material furnished for use under this item shall consist of rock, stone, slag, cobbles, or gravel, substantially free of shale or other soft, poor durability particles.

2.4.1 Gradation – Broken or blasted un-weathered rock used for this item shall be well graded, having no particles greater than two feet in maximum dimension, and substantially free from particles greater than one foot in maximum dimension, containing litter or no material passing the No. 10 sieve. All materials, other than broken or blasted un-weathered rock, shall meet the following gradation requirements.

Material Size	Percent Passing By Weight
2 Foot maximum dimension	100
6” maximum dimension	90 to 100
1.5”	0 to 30
No. 4 sieve	0 to 10

2.4.2 Soundness – Where the Town elects to test for this requirement, a material with a Magnesium Sulfate Soundness Loss exceeding 35% will be rejected.

2.4.3 Composition – RAP shall not be used.

2.5 Water - Water used for dust control or compaction purposes may be obtained from any source. When used for watering seeded or sodded areas, or surfaces to be seeded or sodded, water and water source shall be as approved by the Town Engineer. Water is incidental to applicable excavation items.

3. CONSTRUCTION DETAILS

3.1 General – The Contractor shall remove all soil, rock, and other material, and utilize or dispose of these materials as required by the plans and specifications. All embankment work shall be executed to payment lines shown on the plans, or as directed by the Town Engineer. All graded earth surfaces shall be smoothed and trimmed in reasonably close conformity of true grade. After trimming, the area shall be left in the compacted and satisfactory condition, free of large stones or other objectionable materials, as determined by the Engineer. Earthwork construction operations requiring compaction shall not be performed from November thru April 1 except with written permission of, and under such special conditions and restrictions as may be imposed by, the Town Engineer. Under no conditions will the contractor be permitted to place material that is frozen, or place fill material on frozen ground.

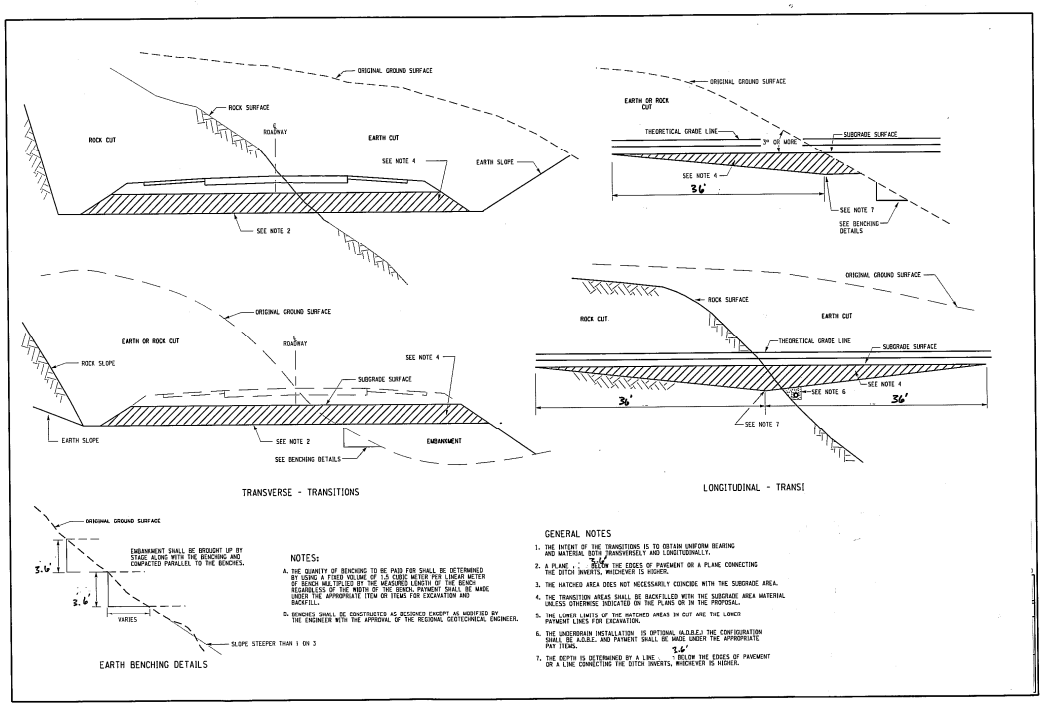
3.2 Scheduling of Work to Minimize Soil Erosion and Water Pollution – The Contractor shall ensure effective and continuous soil erosion and sedimentation control, in accordance with Item 118, throughout the construction period.

3.3 Drainage and Grading – The Contractor shall provide and maintain slopes, crowns, and ditches on all excavation and embankments to ensure satisfactory

surface drainage at all times. Ditches and other drainage facilities necessary to remove ponded water shall be constructed as soon as practical to have the work area dry during the progression of work. All existing culverts and drainage systems shall be maintained in satisfactory operating condition throughout the course of the work. If it is necessary to interrupt existing surface drainage, sewers or under-drainage, then temporary drainage facilities shall be provided until the permanent drainage work is complete. Top of slope interceptor ditches, where shown on the plans, shall be completed before adjacent excavation operations are begun. The construction of these temporary drainage facilities shall be considered as incidental to the construction of the project and no additional payment will be allowed. Any portion of an embankment or subgrade which has, in the opinion of the Town Engineer, been damaged by the Contractor's equipment during the course of construction, shall be repaired and recompacted by the Contractor to the satisfaction of the Engineer, and no extra payment will be made therefore. Where seepage causes instability of slopes, excavation and backfill or other corrective measures shall be performed as ordered by the Town Engineer.

3.4 Suitable Materials – Moisture content has no bearing on the suitability of material to be used for embankment construction, however, the moisture content of a material may be such that its use will require manipulation. It is the Contractor's responsibility to determine the economics of using, or disposing and replacing, of such materials. Material determined by the Contractor to be uneconomical for use may be disposed of under paragraph 3.6 and replaced with other material at no additional cost to the Town.

3.5 Embankment Foundation - Upon completion of all clearing and grubbing work, the embankment foundation shall be prepared. Sod and topsoil shall be removed as instructed by the Engineer. Prior to embankment construction and subbase course placement, the surface on which the embankment and /or subbase is to be placed shall be thoroughly compacted to the satisfaction of the Engineer. Unsuitable materials other than sod and topsoil shall be removed to the depths shown in the plans or as directed by the Engineer. Where embankments are to be constructed over ground that will not adequately support embankment construction equipment, an initial layer of fill may be allowed to form a working platform. The need, manner of construction, and thickness of such a layer shall be subject to approval of the Engineer, and the layer will be permitted only in the area of inadequate support, as determined by the Town Engineer, not due to deficient ditching, grading or drainage practices or where the embankment could be constructed in the approved manner by the use of different equipment or procedures. Thicknesses of up to three feet may be permitted for such a layer. In locations where embankments are to be constructed on hillsides or against existing embankments with slopes steeper than 1 vertical on 3 horizontal, the slopes shall be benched unless otherwise approved by the Engineer. Required benches shall be constructed as shown below.



3.6 Embankments – The embankment shall be constructed of suitable material as defined by paragraph 1.7, Suitable Material. Embankment material shall not be placed on frozen earth, nor shall frozen soils be placed in any embankments. Embankment material shall be placed and spread in lifts (layers) of uniform thickness, then uniformly compacted as specified under paragraph 3.10, Compaction. During embankment construction operations, earth moving equipment shall be routed so as to prevent damage to any compacted lift. Damage to any compacted lift at any time during the course of construction, such as rutting under the loads imposed by earth moving equipment, shall be fully repaired by the Contractor at his/her own expense prior to placement of any overlying materials. At the close of each day's work, the working surface shall be crowned, shaped and rolled with smooth steel wheel or pneumatic tired rollers, for positive drainage. Particles with a dimension in excess of two-thirds of the loose lift thickness are designated as oversized particles. Oversized particles shall be removed prior to compaction of the lift and may be placed in the Embankment Side Slope Area.

3.7 Subgrade Area – Where a subgrade area is defined in an embankment by paragraph 1.5, Subgrade Area, the material placed shall conform to paragraph 2.1 Subgrade Area Material, and placed and compacted in conformance with paragraphs 3.8 and 3.10. Prior to subbase course placement, the surface on which the subbase is to be placed shall be thoroughly compacted to the satisfaction of the Engineer.

3.8 Compaction

3.8.1 General Requirements – It shall be the Contractor's responsibility to properly place and compact all materials in the proposed work and other locations specified in the contract documents, and to correct any deficiencies resulting from insufficient or improper compaction of such materials throughout the contract period. The Contractor shall determine the type, size and weight of compactor best suited to the work at hand, select and control the lift (layer) thickness, exert control over the moisture content of the material, and other details necessary to obtain satisfactory results. During the progression of the work, the Town will inspect the Contractor's operations and will permit the work to continue where:

A. Lift thickness is controlled and does not exceed the maximum allowed according to the equipment classifications in subparagraph 3.10.2 of this subsection, and the equipment meets all specified class criteria. Thinner lifts and lighter equipment than the maximum allowed may be necessary for satisfactory results on some materials.

B. The compactive effort (number of passes and travel speed) is uniformly applied and not less than that specified for the given equipment class and lift thickness. Higher efforts than the minimum allowed may be necessary for satisfactory results on some materials.

C. The Engineer concludes from a visual observation that adequate compaction has been attained, with the exception of backfill at structures, culverts, pipes, conduits, and direct burial cables. However, the Town reserves the right to perform density tests at any time. When tests are performed, the results shall indicate that not less than 90 percent of Standard Proctor Maximum Density is attained in any portion of an embankment, or 95 percent in subgrade area, or as specified for other items with percent maximum density requirements.

D. Significant rutting under the action of the compactor is not observed on the final passes on a lift.

Whenever the Contractor's operations do not conform to the above criteria or requirements contained in other subparagraphs of this subsection, the Engineer will prohibit placement of an overlying lift until the Contractor takes effective corrective action.

When the Engineer determines that density tests are necessary, the Contractor shall provide any assistance requested to facilitate such tests. Such assistance shall include but will not be limited to excavation and backfill of test pits and holes. This work shall be considered incidental construction.

Damage to any compacted lift at any time during the course of construction such as rutting under the loads imposed by earth moving equipment, shall be fully repaired by the Contractor at his/her own expense prior to placement of any overlying materials.

3.8.2 Compaction Equipment –

The selection of compaction equipment is the Contractor's responsibility, but shall be subject to meeting the requirements of this subparagraph and approval by the Town Engineer with respect to its provisions. All compaction equipment shall be marked by a permanently attached manufacturer's identification plate designating the name of the manufacturer, model number and serial number of the machine as minimum identification. This plate shall be installed in a readily visible location. Compaction equipment lacking such an original manufacturer's identification plate, or with altered or illegible plates will not be recognized as acceptable compaction equipment. Any equipment not principally manufactured for compaction purposes and equipment which is not in proper working order in all respects shall not be approved or used. The Engineer will also withhold approval of any compactor for which the Contractor cannot furnish manufacturer's specifications covering data not obvious from a visual inspection of the equipment and necessary to determine its classification. The term "pass" for any type of compactor, shall denote one direct vertical application of compactor effort over all elemental areas of a lift surface. Terms in common parlance, such as "coverage", "trips," etc. have no significance, equivalence, or application under these specifications.

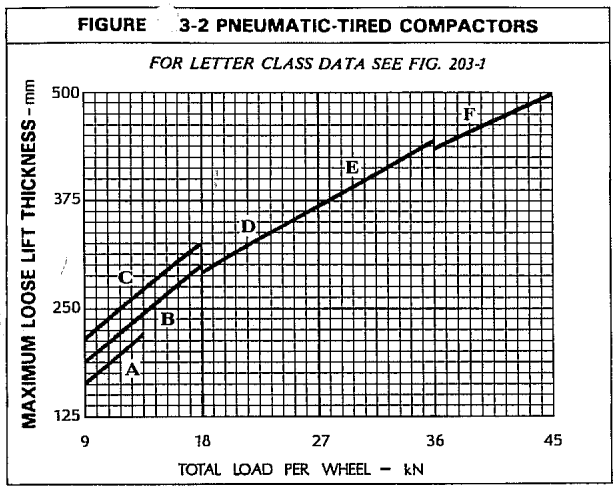
Figure 3-1

Pneumatic-Tired Compactor Classifications

Pneumatic Compactor Class	Tire Requirements			Range of Ballasted Wheel Loads (Kilonewtons Per Wheel)
	Tire Size	No. Plys	Infl. Pressure. (kPa)	
A	7.50 X 15	4	240	9 – 14
B	7.50 X 15	6 10	415* 620*	9 – 18
C	7.50 X 15	14	900*	9 – 18
D	9.00 X 20	10 12	520* 620*	18 – 27
E	11.00 X 20	12 18	620*	27 – 36
F	13.00 X 24	18	690*	36 - 45

*Infiltration pressure for not less than the last two passes on each lift. May be reduced during earlier passes and gradually increased to this level.

3.10.3 Pneumatic-Tired Compactors – This type of compactor shall be classified for use according to the requirements of Figure 3-1. For the lift thickness selected by the Contractor, the minimum class and wheel load which will be allowed on that lift thickness, shall be as shown in Figure 3-2.



The minimum effort for all pneumatic compactors shall be 6 passes, at speeds up to 3.6 m/s on no more than the first 2 passes, and all subsequent passes at speeds of 1.8 m/s or less.

3.10.4 Smooth Drum Vibratory Compactors – This type of compactor is defined as a machine which primarily develops its compactive effort from the vibrations created and is classified for use according to the developed compactive force rating (CFR) per linear meter of drum width. The CFR is defined as follows:

$$CFR = \frac{\text{Unsprung Drum Weight (kN)} + \text{Dynamic Force (kN)}}{\text{Drum Width (m)}}$$

The unsprung drum weight is the static weight of the drum and appurtenances without any reaction transmitted to the drum from the main chassis of the compactor. The dynamic force produced is dependent on the frequency of vibration, and therefore, CFR ratings shall be determined for the actual operating frequency of the compactor. Approval for vibratory compactors shall be confined, however, to equipment operating at not less than 18 Hz, nor more than 25 Hz, and those where the actual dynamic force at the actual operating frequency is at least 2.5 times the unsprung drum weight. Conversion of manufacturer's published ratings, at a given frequency, shall be made with the following equation:

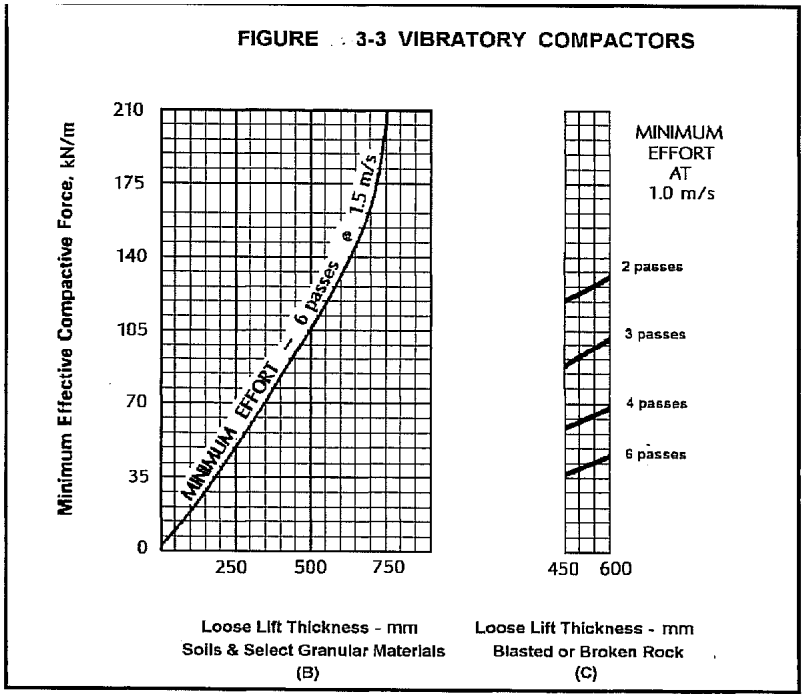
$$F2 = \frac{F1(V2)^2}{(V1)^2}$$

Where: F1=Dynamic Force at Rated Freq.
F2=Dynamic Force at Operating Freq.
V1=Rated Frequency

For the lift thickness selected by the Contractor, the minimum CFR rating and minimum effort on such a lift shall be as shown in Figure 3-3 B&C, respectively. Non-Centrifugal (vertical force only) types of vibratory compactors shall be approved as above, less 30 kN/m before using Figures 3-3 B&C as a minimum number of passes at a single specified speed. An equivalent effort, relating varying numbers of passes to other speeds is given by the equation:

$$\text{Speed x} = \frac{\text{(Specified Speed) (Min. Passes at Speed x)}}{\text{(Specified Min. Passes)}}$$

The Contractor may choose to alter the specified minimum pass requirement, provided that speed is adjusted to the value given by this equation and does not exceed 1.8 m/s.



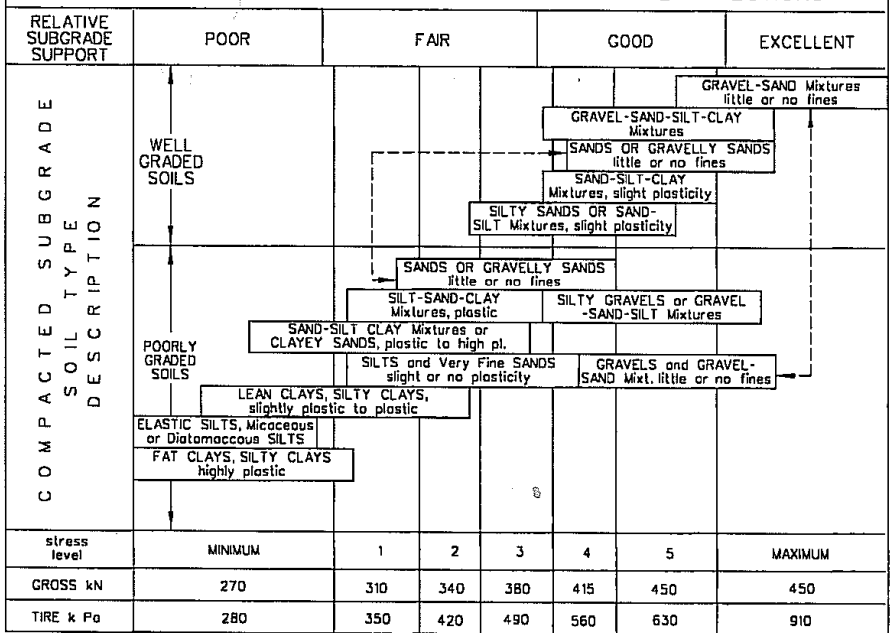
Where vibratory compactors are used on a project, the Contractor shall furnish for the exclusive use of the Engineer, one vibrating reed tachometer per project, plus one additional tachometer for each group of two vibratory compactors in excess of two per project. Tachometers shall have a frequency range adequate to cover operating frequencies of all vibratory compactors used on the project and shall have scale divisions of 1 Hz or less. Tachometers may be placed on the ground surface near the compactor when making readings, or with suitable damping materials

interposed, placed directly on the compactor drum frame. The dispensations permitted under this specification for vibratory compactors are contingent upon proper operation of the equipment at all times during compaction operations. In any instance where the Engineer encounters any problems with operators rolling without vibration, for any reason, and immediate and effective corrective action is not taken by the Contractor; the Engineer will halt the work until the problem is resolved. If continuing problems of this nature occur, the Engineer may suspend all provisions of this subparagraph and consider the vibratory compactors as smooth steel wheel rollers classified according to their gross weight.

3.10.5 Compaction Equipment for Confined Areas – In areas inaccessible to conventional compactors, or where maneuvering space is limited, impactor rammers, plate or small drum vibrators, or pneumatic buttonhead compaction equipment may be used with layer thickness not exceeding 150 mm (6 in.) before compaction. However, materials placed for subbase course construction shall have a maximum compacted thickness of 150 mm (6 in.). Hand tampers shall not be permitted. The Engineer may approve or reject any of the above described mechanical devices based upon the results of appropriate on-site field tests.

3.11 Moisture Control – All fill or backfill material to be compacted, shall be at a moisture content for adequate compaction of that material using the compactor selected by the Contractor to perform the work. The Contractor shall be responsible for determining the appropriate moisture content, and for controlling it within the proper limits as the work is progressed. When water must be added to a material, it may be added on the lift or in the excavation or borrow pit. Water added on the lift, however, shall be applied by use of an approved pressure distributor. Distributors must be approved and documented by the Engineer. Documentation by the Engineer shall be adequate evidence of approval. Water added shall be thoroughly incorporated in the soil, and manipulation shall be provided whenever necessary to attain uniformity of moisture distribution in the soil. When the moisture content of a lift about to be compacted exceeds the required amount, compaction shall be deferred until the layer has dried back to the required amount. Natural drying may be accelerated by blending in a dry material or manipulation alone, to increase the rate of evaporation. Increased loose lift thickness caused by blending in a dry material, however, may necessitate a change in compaction equipment to meet the minimum provisions of subparagraph 3.10.2 this subsection.

Figure 3-4 GUIDE FOR SELECTING THE INITIAL STRESS LEVEL FOR PROOF ROLLING EMBANKMENT SECTIONS



stress level	MINIMUM	1	2	3	4	5	MAXIMUM
GROSS kN	270	310	340	380	415	450	450
TIRE k Pa	280	350	420	490	560	630	910

3.12 Proof Rolling in Embankment Sections – Immediately prior to final trimming of the subgrade surface and placement of subbase materials in embankment sections, all areas of the subgrade surface within the roadway limits shall be proof rolled according to the requirements of this subsection. This work, and any delays due to this work, shall be considered incidental to the embankment item.

3.12.1 Equipment – The proof roller shall consist of a chariot type rigid steel frame with a box body for ballast loading up to forty-five Mtons (50.4 Tons), and mounted on four (4) pneumatic tired wheels acting in a single line across the width of the roller on its transverse load center line. The wheels shall be equipped with 18.00 x 24 or 18.00 x 25, 24 ply tires, and shall be suspended on articulated axles such that all wheels carry approximately equal loads when operating over uneven surfaces.

3.12.2 Determination of Roller Stress – Initially, the gross ballasted weight and tire inflation pressure of the proof roller shall be adjusted to the highest stress level shown in Figure 3-4 based on:

1. The Engineer's general description of the subgrade soils.
2. The Engineer's estimation of the relative subgrade support within the subgrade soil description range. The initial roller stress for embankments constructed of rock shall be the maximum level listed in Figure 3-4 (Gross Metric Tons 45 (50.4 Tons), Tire kPa 910).

The roller shall be operated briefly to establish the acceptability of the initial stress level. Proof rolling of the embankment shall be performed at the next lower stress level whenever operation of the roller at a higher stress level is accompanied by consistent lateral displacement of soil out of the wheel paths.

3.12.3 Procedure – After an acceptable stress level is established, two complete passes of the roller shall be applied over all elements of the area to be proof rolled. Any deficiencies disclosed during the proof rolling operation shall be corrected. Subsidence depressions shall be filled with material similar to the subgrade soil and then compacted in a normal manner. After compaction, these areas shall be proof rolled again. Corrective work shall be judged complete and accepted by the Engineer when all elements of the subgrade surface over a given embankment show a satisfactory uniform response to the proof roller.

3.12.4 Exceptions – Proof rolling of the subgrade surface in embankment sections will not be required in any area where:

1. Due to restrictions in available access and/or maneuvering space, use of the proof roller may damage adjacent work;
2. The proof roller will approach a culvert, pipe or other conduit closer than 5.0 ft in any direction.

3.13 Proof Rolling in Cut Sections – Immediately prior to final trimming of the subgrade surface and placement of subbase materials in cut sections, all areas of the subgrade surface within roadway limits shall be proof rolled according to the requirements of this subsection. This work, and any delays due to this work, shall be considered incidental to the Item 2.

3.13.1 Purpose – In cut sections, the purpose of proof rolling is to determine the location and extent of areas below the subgrade surface that require corrective undercutting and are not so specified in the contract plans.

3.13.2 Equipment – The proof roller used in embankment sections, as specified above, shall be employed for proof rolling in cut sections except that the roller shall be loaded to achieve a single stress level in operation, using a gross ballasted weight of thirty tons (30 tons) and all tires inflated to 40 psi.

3.13.3 Procedure – Two complete passes shall be applied over all elements of the area to be proof rolled. Where any portion of the cut subgrade surface other than that which has been damaged by the Contractor's operations fails to provide a satisfactory support for the proof rolling operation, the Engineer may order corrective undercut and backfill work performed. Backfill of undercuts shown on the plans or ordered by the Engineer shall meet the requirements of Select Granular Subgrade, placed and compacted as approved by the Engineer. Where natural soil below this course will not support the weight of the construction equipment, and when ordered by the Engineer, the course shall be placed in one lift. No additional proof rolling shall follow corrective work.

3.13.4 Exceptions – Proof rolling of the subgrade surface in cut sections will not be required in any area where the subgrade surface is in a rock cut, or where undercut and backfill have been previously performed. The Engineer may order undercutting and backfill without proof rolling of any cut where the need for corrective work, as determined by the Engineer, is obvious without actual proof rolling. The Engineer may also waive proof rolling in any cut section, where based upon a written

evaluation by a Geotechnical Engineer Professional Engineer licensed to practice in the State of New York, proof rolling would be detrimental to the work.

3.14 Fill and Backfill at Structures, Culverts, Pipes, Conduits and Direct Burial Cables – The type of material to be used in bedding, filling and backfill at structures, culverts, pipes, conduit and direct burial cable and payment lines therefore shall be in conformance with the details or as noted on the plans or as ordered by the Engineer. Do not use RAP. Do not use slabs or pieces of either concrete or asphalt.

Fill or backfill material at structures, culverts and pipes shall be deposited in horizontal layers not exceeding 6 inches in thickness prior to compaction. Compaction of each layer shall be as specified under Compaction of this specification. A minimum of 95% of Standard Proctor Maximum Density will be required. When placing fill or backfill around culverts and pipes, layers shall be deposited to progressively bury the pipe or culvert to equal depths on both sides. When filling behind abutments and similar structures, all material shall be placed and compacted in front of the walls prior to placing fill behind the walls to a higher elevation. The limits to which this subsection will apply shall be in accordance with the plans.

Fill or backfill for conduit or cable placed in a trench shall be carefully placed in a horizontal layer to a depth of 6” over the top of the conduit or cable. This layer of material shall not be compacted, however, the remaining portion of the trench shall be backfilled in accordance with the preceding paragraph. Where cables or conduits are placed and backfilled by a machine in one operation, the above requirements for backfilling do not apply.
Where sheeting has been used for the excavation, and incremental removal of sheeting is not specified in the plans or proposal, sheeting shall be pulled when the trench has been backfilled to the maximum unsupported trench depth allowed by 29 CFR 1926.

3.15 Borrow – The management of a borrow source and the acceptability of all borrow material shall be subject to the approval of the Engineer at all times. The Contractor shall notify the Engineer at least ten (10) work days in advance of opening any borrow area, and request approval of the source under the pay item involved. Test pits required by the Engineer to evaluate the acceptability and limits of the source, shall be provided by the Contractor at the Contractor’s own expense. Concurrent removal of material for more than one pay item from a single source or pit shall be prohibited except with the written permission of, and under such conditions and restrictions as may be imposed by, the Engineer. All borrow pits shall be stripped of sod, topsoil and vegetable matter well in advance of any working face. Where a borrow source is not under direct control of the Contractor or where special conditions exist, the Engineer may waive any of the above requirements and establish alternative provisions for the control and acceptability of borrow.

Ordinary borrow will be accepted for use where the material qualifies under the definition of Suitable Material. The borrow of select granular material enumerated shall be accepted subject to meeting the additional provisions contained, therein. All borrow, whether ordinary borrow or select borrow placed within the limits of Embankments or the Subgrade Area shall be placed in conformance with section 3.8 or 3.9 respectively, as appropriate, or where used for fill or backfill at structures, culverts and pipes, in conformance with Section 3.14.

3.16 Select Granular Fill, Slope Protection – The Contractor shall perform the excavation in accordance with the requirements for Item 2 as described elsewhere in these specifications. The Contractor shall then spread material conforming to the requirements given in section 2.4, in one layer to its full thickness by a method approved by the Engineer. The work shall be performed where shown on the plans or where directed by the Engineer in accordance with the details shown on the plans. Compaction of the slope protection is not required. Slope Protection shall be either of two types, as described below:

3.16.1 Select Granular Fill, Slope Protection – Type A. Under this type, the Contractor shall furnish and install the slope protection where shown on the plans in accordance with the details.

3.16.2 Select Granular Fill, Slope Protection – Type B. Under this type, the Contractor shall furnish and install the slope protection where directed by the Engineer in accordance with the details shown on the standard detail sheet.

3.17 Embankment Construction Control Devices

3.17.1 Settlement Gages and Settlement Rods. Settlement gages and rods shall be constructed, installed, and maintained where shown on the plans and in accordance with the details contained in the current publication issued by the New York State Department of Transportation (NYSDOT) covering construction, installation, maintenance, and abandonment of these devices.

Where settlement gages are called for, it will be the Contractor's option to install pipe gages or manometer gages, unless a definite type is specified on the plans or in the proposal. Settlement gages and settlement rods will be accepted for conformance with the specification requirements on the basis of an inspection of the installation by the Town Engineer.

3.17.2 Piezometers. Piezometers shall be constructed, installed, and maintained at the locations shown on the plans and in accordance with the detailed drawings and specifications included in the proposal.

3.18 Cleaning Culverts and Closed Drainage Systems. Culverts, closed drainage systems, drainage structures and manholes shall be thoroughly cleaned and maintained clean as determined by the Engineer for the duration of the contract. Materials removed shall be disposed of in accordance with Item 2.

3.19 Subgrade Surface Tolerance. After compaction, the subgrade surface shall not be above design elevation at any location.

3.20 Clean, Grade and Shape Existing Roadside Section. The Contractor shall remove earth, turf, brush and debris, or provide necessary fill material to restore adequate roadside drainage. Ditches shall be shaped as shown on the plans. Material removed shall be disposed of in conformance with the provisions of Item 2.

Under General Provisions, the Contractor shall protect all fences, markers, culverts, underground structures, utilities and other appurtenances adjacent to the work area. Any damaged facilities and/or disturbed areas shall be replaced in kind at no additional cost to the Town.

4. METHOD OF MEASUREMENT – The quantity of embankment to be paid for under this item will be the number of cubic yards, or square yards as specified, of material measured in its final compacted position, satisfactorily placed and compacted as required by the plans and specifications within the payment limits shown on the plans unless otherwise ordered in writing by the Engineer. Applying water shall be considered incidental and included in the costs of other applicable pay items.

5. BASIS OF PAYMENT - The unit price bid per cubic yard or per square yard for this item shall include the cost of furnishing all labor, materials and equipment necessary to complete the work, including furnishing water equipment and applying water for compaction. No direct payment will be made for any losses of material which may result from shrinkage, compaction, foundation settlement, waste, overflow, erosion, leakage or any other cause; the cost of such losses shall be included in the unit price bid for this item.

Payment will be made under:

Item No.	**Item**	**Pay Unit**
3S-B	Borrow	Cubic Yard
3S-SGF	Select Granular Fill	Cubic Yard
3S-GS	Grading Subgrade	Square Yard

END OF SECTION

ITEM NO. 4 STABILIZED MIXED-IN-PLACE RECYCLED BASE COURSE

1. DESCRIPTION - Under this Item, the Contractor shall construct a stabilized mixed-in-place recycled base course on various roadways, located throughout Suffolk County conforming to the lines, grades, thickness and cross slopes as shown on the plans or as directed by the Engineer.

The work shall consist of techniques used to pulverize, stabilize and incorporate asphalt emulsions with recycled asphalt pavement and aggregate to various depths (approximate range of 10-12 inches).

2. MATERIALS - Recycled asphalt pavement shall consist of the existing asphalt pavement, which has been scarified and pulverized in place so that the maximum size of any material does not exceed 2 inches.

Virgin aggregates may be added, if deemed necessary by the Town Engineer to change the gradation or raise the grade. The new material shall conform to the specification for Item 4-P.

Emulsified asphalt for the mixture shall meet the requirements of CSS-1, CSS-1h, SS-1, SS-1h or HFMS-2 as described in 618-02 of the New York State Department of Transportation Standard Specifications.

Additives may be used by the Contractor to meet the requirements of the job mix formula. These additives shall meet the requirements of quicklime or hydrated lime. The cost of the additive and the cost of the application of the additive shall be included under Item 4.

Approval for the job mix formula – all testing shall be performed by a laboratory of the Contractor’s choice, approved by the Town Engineer. Testing shall be in accordance with ASTM D-1559 as amended in Appendix A of this specification.

A minimum of one sample per five hundred linear feet shall be obtained by the Contractor from the existing roadway, at the direction of the Town Engineer. Materials, which are similar in gradation and appearance, may be mixed together for testing to develop the job mix formula.

Prior to the start of any pulverization work, a test report for the job mix formula must be submitted by the Contractor to the Town Engineer for approval. As a minimum this report should indicate the following:

a. A gradation of the on-site aggregate to a depth of 12 inches below the surface.
b. When more than 4 inch of bituminous surface is present, an extraction analysis (gradation, asphalt content) shall be performed.
c. Optimum moisture content of the existing aggregate base within 12-inches of the surface (ASTM D-1557).

d. The recommended emulsion content for the mixed and the manufacturer of the emulsion.
e. Air voids, Marshall Stability and flow, when testing in accordance with Appendix A of this specification.
f. Density of the mixture in pounds per cubic foot (PCF) for both wet and dry, in accordance with Appendix A.

After the job mix formula is established, all mixtures furnished for the project shall conform thereto. When unsatisfactory results or other conditions make it necessary, the Town Engineer may require the establishment of a new job mix formula.

a. The stability at 140 degrees F shall not be less than 500 lbs.
b. The flow shall not be less than 6 or more than 8.
c. The optimum moisture content of the material (no emulsion added) shall be determined by ASTM D-1557. The total liquid content of the mixture shall be the sum of the water in the aggregate and the total percentage of the emulsion added. The total liquid content of the mix shall be within 10% of the optimum moisture content.

3. CONSTRUCTION DETAILS - The Contractor may use any equipment approved by the Town Engineer, which will produce the completed base course meeting these specifications:

An asphalt emulsion stabilized recycled base course within 1/8 inch of design grade specified in the plans and containing the amount of emulsion specified by the job mix formula within 0.5%.

Scarification and pulverization of the existing asphaltic concrete pavement so that the usable material is less than 2 inches in diameter. Scarification shall be done with a motor grader or any pulverizing machine acceptable to the Engineer. Prior to the start of any scarification and pulverization work the Contractor shall have all existing utilities marked out in accordance with NY State Law and Industrial Rule 53. During scarification and pulverization the Contractor shall protect all utility valve boxes, drainage structures (inlets, manholes, etc.) and sanitary sewer manholes from possible damage by this operation.

Regrading of the roadway – following the pulverization and stabilization operations, and prior to placement of a surfacing course, the mixed-in-place base within the roadway shall be graded. The grading of the completed base must meet the following criteria:

a. Final gutter elevation where curb and gutter exist shall be plus or minus ¼ inch of existing gutter elevation.
b. Final gutter elevation where standard curbs exist shall be plus or minus ¼ inch of theoretical base elevation.
c. Final elevation at existing pavement lines shall be plus or minus ¼ inch of theoretical base elevation.
d. Final centerline elevation shall be plus or minus ¼ inch of theoretical base elevation.

If additional fill material is required in order to raise the grades as shown on the plans, and there is not sufficient quantities of material existing within the roadway for this purpose the material must be added in, then the material added shall conform to the specification for Recycled Concrete Aggregate. Payment for this Item will then be made at the unit price bid per cubic foot for Item No. 4-P. If removal of material is required in order to lower the grades as shown on the plans and there is an excess of material remaining after all roadway grading is complete, then all excavation required shall conform to the specification for Unclassified Excavation, Item 2, paid per cubic foot.

If necessary to change the gradation of the existing material in order to provide a gradation suitable for stabilization, the material added shall conform to the specification for Recycled Concrete Aggregate. The RCA shall be spread evenly over the pavement and mechanically blended with the on site material to form a mixture with the desired gradation and uniformity. No additional payment will be made for the blending of the dense graded material with the existing material. Payment for this work shall be included in the unit price bid per cubic yard, Recycled Concrete Aggregate.

Moisture Content:

a. The moisture content of the recycled aggregate at the time of the addition or application of the asphalt emulsion shall be uniformly distributed through the recycled aggregate and shall be at a level such that the required total liquid content of the mix may be obtained. The total liquid content shall be within the limits described herein and based on that established in the approved mix design.

b. Aerating of the mixture may be required to reduce the excess water so that the liquid content does not exceed the requirements described herein.

c. A water truck approved by the Town Engineer shall be available when it is necessary to add water as required herein.

d. The Contractor must have equipment on hand to determine the moisture content and monitor such during the mix operations.

The temperature range of the respective bituminous materials at the time of addition or application shall be as specified, between ambient and 150 degrees F. Bituminous materials shall not be added or applied to the aggregate when the air temperature in the shade is below 50 degrees F or when the weather conditions are otherwise unfavorable. The mixture shall not be placed on an area, which is excessively wet, or at a lower temperature than the air temperature shown above. Mixing operations shall be suspended when the descending air temperature fall below 50 degrees F.

Mixing:

a. Addition of Additives – if the Town Engineer elects to add an approved additive (quicklime or hydrated lime) to the pulverized material prior to the

application of the asphalt emulsion, a plan should be submitted describing the method of application to be used to the Town Engineer for approval prior to the application of the additive.

b. In-Place-Mixing – the required amount of approved asphalt emulsion shall be incorporated into the recycled asphalt/aggregate material at the cutting head. The metering equipment shall be approved by the Engineer and shall be capable of applying all the required asphalt emulsion in one pass.

Descriptive information on the mixing and application equipment as well as all calibration information and curves on all metering equipment used shall be submitted for approval to the Engineer not less than five (5) days before work starts.

Aeration and Compaction:

a. Aeration – Once a uniform mixture of aggregate and emulsion is obtained manipulation of the mixture shall continue until the volatiles or water, or both, are removed in sufficient quantities to provide a mixture suitable for compaction.

b. Compaction – After the mixture has been aerated, it shall be spread to a uniform grade and cross-section and compacted with a pneumatic tired roller for the full width of the roadway. Rolling shall continue until the entire roadway is at finished grade.

   Once finished grade is obtained, the mixture shall be compacted again. The type, size and weights of the compaction equipment used for finished rolling shall be the option f the Contractor, and shall be capable of attaining the density requirements listed below.

   The maximum depth of any compacted layer shall be 6 inches. Where the required course is more than 7 inches in total compacted depth, it shall be constructed in approximately equal depth layers.

   The Contractor shall employ an independent testing laboratory approved by the Town Engineer to perform quality control testing during the compaction process.

   During the testing the average in-place density shall be at least 98% of the lab density when tested. The testing laboratory shall provide a Nuclear-Density meter to control the final in-place density of the stabilized material. The meter shall also be used to determine the optimum number of roller passes required to achieve an acceptable density. The meter will be required for each day that the in-place stabilization operation is in progress.

Finish Grading – The finish grading operation shall conform to the required line and grade and cross sections specified herein. A period of curing of the recycled base will be required. The application of the surface course shall be begin until approved by the Town Engineer.

Stabilization of Soft Area – Following the grading and stabilization operations and after a minimum curing period of 2 days, a deflection survey will be performed by the Contractor on the top of the completed stabilized in-place recycled base. The procedure used will utilize a "Benkelman Beam" and shall conform to the "Canadian Good Roads Association" (CGRA) Method.

a. If any unstable areas appear, the Contractor shall pulverize the area and test for the moisture content. If the moisture content is high the Contractor shall aerate the material to reduce the moisture content. The material will then be regarded and recompacted. No additional payment will be made for the repairing of unstable areas found by the deflection survey.

b. If unstable areas still remain, the Town Engineer may direct the Contractor to remove the existing base material to a depth determined by the Engineer and refill the area and selected fill. The material will be compacted as specified. Payment for this work will be under Item 2U.

4. METHOD OF MEASUREMENT – The quantity to be paid for under this item shall be the number of square yards of roadway or pavement that is pulverized, graded, stabilized, and compacted and tested in accordance with the plans, specifications and as directed by the Town Engineer.

Any necessary excavation will be paid for under the Item for Unclassified Excavation. Any requirement for additional suitable aggregate will be paid for under the Item for Recycled Concrete Aggregate. The liquid asphalt emulsion shall be paid for under the Bituminous Material Emulsified Asphalt Item.

5. BASIS OF PAYMENT – The unit price bid per square yard for this Item shall include the cost of all labor, materials, additives, tools, equipment, laboratory and quality control testing, reports, and all incidentals necessary to satisfactorily complete the in-place pulverization, stabilization, grading, aeration, compacting of the completed base and repair of unstable areas of pavement. The approximate depth of cut shall be 10 inches to 12 inches.

END OF SECTION

APPENDIX "A"

Modifications made to ASTM D-1559 for mixes made with asphalt emulsions: SS-1, SS-1h, CSS-1h, and CSS-1.

- All mixes will be made at a total liquid content as defined in Section 2.3 of this specification. Mixing will be at ambient temperature (i.e., 77 +/-7 degrees F).
- Compaction of the specimen will be made at ambient temperature. No heating of molds or other material will be necessary.
- Apply 75 blows with the compaction hammer per face.
- Remove from mold within one hour of compaction
- Weight and measure with a caliper to the nearest 1/32 of an inch. Determine the "Wet Density" (lb. per cubic foot) as follows:
  - ((Weight)/(thickness in inches * 205.926))*62
- Place specimen on its side in a flat pan and allow to sit at 77 +/-7 degrees F for a minimum of 2 hours.
- Transfer specimens to a force air oven maintained at 105 +/- 2 degrees F for 18 +/-4 hours.
- Remove from oven and allow to cool for a minimum of 2 hours.
- Determine the Bulk Specific Gravity by ASTM D-27 6.
- Determine the Theoretical Maximum Specific Gravity by ASTM D-2041. (Use volume only)

Wet Stability

- Place 3 specimens in a high walled pan and place in a 140 +/- 1.8 degrees F water bath for 30 to 35 minutes.
- Determine the stability and flow within 30 seconds after removal from the water bath.

Dry Stability

- Place 3 specimens in an oven maintained at 140 +/- 1.8 degrees F for 2 hours.
- Determine the stability and flow within 30 seconds of removal from the oven.

Reporting

- Report the "wet stability".
- Report the "dry stability" after oven conditioning.
- Compare the "wet"/"dry" stability ratio.
- The percent stability loss shall be a maximum of 50%.

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ITEM NO. 4-P RECYCLED CONCRETE AGGREGATE

1. DESCRIPTION - The work consists of furnishing, placing and compacting a recycled concrete subbase course in conformity with the lines, grades, thickness and typical sections shown on the plans, or as determined by field conditions and ordered in writing by the Engineer.

Unless otherwise stated in the plans or in the proposal, select any of the four (4) options as follows:

Option A. Subbase construction consisting of two (2) separate layers of Type 4 and Type 3 Subbase Course.

Option B Subbase construction consisting of a single layer of Type 1 Subbase Course

Option C. Subbase construction consisting of a single layer of Type 2 Subbase Course.

Option D Subbase construction consisting of a single layer of Type 4 Subbase Course.

2. DEFINITIONS

Deleterious: Any material that does not consist of concrete, asphalt, glass, brick, stone, sand, gravel or blast furnace slag, when these materials are used in subbase in conformance with the specification requirements, OR any material which, in the opinion of the Town Engineer, may adversely affect the performance of the product either during handling, during construction, or in its final application.

3. MATERIALS - RCA shall be supplied from either a NYSDOT approved stockpile, or the Contractor shall provide documentation showing that the material obtained is from a NYSDEC registered or permitted construction and demolition (C&D) debris processing facility as specified in NYSDOT SS Section 360-16.1 of 6NYCRR Part 360, “Solid Waste Management Facilities”.

If Blast Furnace Slag is to be used, provide documentation showing that it has undergone a NYSDEC beneficial use determination (BUD) prior to its use as specified in 6NYCRR Part 360-1.15, “Solid Waste Management Facilities”.

For Types 1, 3, and 4 furnish materials consisting of approved Blast Furnace Slag, Stone, Sand and Gravel, or blends of these materials with not more than 5 percent by weight of glass. Alternately, the following materials are also acceptable under these types as a replacement for the materials mentioned above:

Alternate A. At least 95 percent, by weight, of RCA, and free from organic and other deleterious material. This material may contain up to 5% by weight asphalt and /or brick.

Alternate B. A mixture of RCA conforming to Alternate A above mixed with stone, sand, gravel or blast furnace slag. This material may contain up to 5% by weight asphalt and/or brick.

Alternate C. Bituminous material that is reclaimed from bituminous pavement and /or shoulders (Reclaimed Asphalt Pavement, or RAP) on a project constructed by the Town of Riverhead and is well-graded from coarse to fine and free from organic or other deleterious material, including tar. This material is at least 95%, by weight, reclaimed bituminous material and has a maximum top size, at time of placement, of 2 inches. The gradation requirements for the different Types listed below do not apply when the material consist of RAP. No soundness or Plasticity Index testing will be required for this Alternate.

For Type 2, furnish materials consisting of approved Blast Furnace Slag or of Stone which is the product of crushing or blasting ledge rock, or a blend of Blast Furnace Slag and of Stone. If in the opinion of the Town Engineer, this material becomes unstable during construction, it may be necessary to add a mixture of natural suitable material to the RAP. Acceptance of the final product shall be based on an evaluation by the Town Engineer.

Provide written documentation that the reclaimed bituminous material originated on either a Town of Riverhead Municipal Project or on a Department of Transportation project.

Table 4-P – Percent Passing by Weight

Sieve Size Designation	**Type**			
	1	**2**	**3**	**4**
4 in.	-	-	100	-
3 in.	100	-	-	-
2 in.	90 - 100	100	-	100
¼ in.	30 - 65	25 -60	30 – 75	30 – 65
#40	5 - 40	5 - 40	5 - 40	5 – 40
#200	0 - 10	0 - 10	0 - 10	0 - 10

Soundness – Materials for Types 1, 2 and 4 will be accepted on the basis of Magnesium Sulfate Soundness Loss after four (4) cycles of 20 percent or less, unless material meeting the requirements of Alternate C is used. Material for Type 3 will be accepted on the basis of a Magnesium Sulfate Soundless Loss after four (4) cycles of 30 percent or less. All testing costs shall be incurred by the Contractor.

Plasticity Index – The required Plasticity Index of the material passing the #40 mesh sieve is 5.0 or less.

Elongated Particles – A flat or elongated particle is defined herein as one which has its greatest dimension more than three times its least dimension. Provide material consisting of particles where not more than 30 percent, by weight, of the particles retained on a ½

inch sieve are flat or elongated. When the State elects to test for this requirement, material with a percentage greater than 30 will be rejected. Acceptance for this requirement will normally be based on a visual inspection by the Engineer.

Stockpiling – Stockpile all material except as noted herein.

Material furnished under Type 3 will not be required to be stockpiled unless it contains RCA or glass.

Stockpiling of the reclaimed bituminous material for Alternate C is not required.

Stockpile construction requirements, sampling, testing and acceptance/rejection procedures are stipulated in the appropriate Departmental publication.

4. CONSTRUCTION DETAILS

General - Notify the Engineer in writing of which placement option, material option (if applicable) and/or material type is proposed for use, at least 14 calendar days prior to performing the work. It if proposed that more than one option or type is to be used, submit a plan to the Engineer describing where each option or type is proposed for use. This plan must be approved by the Engineer prior to incorporating it into the project. The Town reserves the right to disapprove the use of more than one option on a project. Use uniform subbase types and materials between the roadbed limits.

Placement –

A. Place the upper course material on the grade in a manner to minimize segregation, using equipment and procedures approved by the Engineer. Do not perform uncontrolled spreading from piles dumped on the grade.
B. The maximum compacted layer thickness is 8 inches, or as shown on the plans. In confined areas as defined by the Engineer the maximum compacted layer thickness is 6 inches. The minimum loose lift thickness is 1.5 times the maximum particle size.
C. Place Type 1 with a minimum compacted layer thickness of 6 inches.
D. Do not place Type 3 material within 4 inches of the bottom of a pavement course.
E. Do not place materials blended with glass in contact with synthetic liners, geogrids, geotextiles or other geosynthetics. Ensure that glass incorporated into subbase is thoroughly mixed so that glass constitutes no more than 30 percent by weight anywhere in the subbase.
F. When placing material under Option A, place and compact each material in a separate lift.

Compaction – When the moisture content is within the limits for proper compaction, compact the material in accordance with the requirements of Item 3S section 3.10. If a subbase course is disturbed by frost action prior to paving, re-compact the subbase where directed by the Engineer.

Tolerance – Place Types 1, 2 or 4 so that after compaction the top surface of the course does not extend more than ¼ inch above nor more than ¼ inch below true grade for the course at any location. Place Type 3 course so that the finished surface does not extend above the true grade and surface for this course at any location.

5. METHOD OF MEASUREMENT

Item 4-P – The quantity is the number of compacted cubic yards of material, computed from payment lines shown on the plans or, where changes have been ordered, from payment lines established by the Engineer.

6. BASIS OF PAYMENT

Item 4-P – The unit price bid for this work includes the cost of furnishing all labor, material and equipment necessary to complete the work. Include the cost of adding water in the price bid unless the items for furnishing and applying water are included in the contract. No direct payment will be made for losses of material resulting from compaction, foundation settlement, erosion, or any other cause. Include the cost of such losses in the price bid for this item. No deductions will be made for the volumes occupied by manholes, catch basins and other such objects. Progress payments will be made after the subbase course has been properly placed and compacted. Payment will be made at the unit price bid for seventy-five (75%) percent of the quantity. The balance of the quantity will be paid for after the final finishing to the required tolerance and just prior to the placing of the next course.

Payment will be made under:

Item No.	Item	Pay Unit
4-P	Recycled Concrete Aggregate	CY

END OF SECTION

ITEM NO. 4-SS STABILIZED SOIL-AGGREGATE SUBBASE

1. DESCRIPTION - Under this item, the Contractor shall furnish and place a "Stabilized Soil-Aggregate Subbase" of a natural or artificial mixture of soils and/or crushed materials in the places designated on the plans and in such other "Stabilized Soil Aggregate Subbase" will be as shown on the plans or as determined by field conditions and ordered by the Engineer. The material for this item must be brought in from outside the contract limits at the expense of the Contractor.

2. MATERIALS

All material acceptable for this item shall consist of a natural or artificial mixture of soils and/or crushed materials well graded from coarse to fine. Gradation of the granular material shall conform to the proportions indicated below:

Sieve	% Passing
2"	100
1"	80 - 100
1/4"	50 - 85
#10	30 - 70
#40	15 - 40
#200	6 - 12

The source of material shall be stripped of all sod, topsoil, overburden and other objectionable materials before the excavation operations for the material are started, and shall be kept stripped for a minimum of thirty (30) feet from the top of the working face of the source at all times. Should, at any time during work and for any reason the material fail to conform with the specified quality and gradation requirements, the Contractor shall, by the addition of selected acceptable material, and/or satisfactory manipulation, produce a material meeting the requirements detailed herein.

Control graded recycled Portland Cement Concrete and recycled plant mixed bituminous concrete materials may be used in conjunction with or in place of native materials to construct the stabilized soil base course item, provided the materials comply with all requirements herein. The final gradation obtained from the intermixing of coarse, fine and binder materials shall be within the limits stated for this item.

If the contractor chooses to utilize recycled materials, he shall submit a written request to the Engineer and provide a Laboratory analysis of the material. Final approval will be made on the basis of the submitted laboratory analysis. Work shall not start until such approval is received.

The coarse fraction of the recycled material shall have a resistance to abrasion by the Los Angeles Abrasion Test of not more than 50%, (ASTM C131), nor show a total soundness loss greater than 25 percent using magnesium sulfate (ASTM C88). Of the particles retained on the 1/2" square sieve, not more than 30 percent by weight shall consist of flat

or elongated pieces. A flat or elongated piece is defined herein as one, the greatest dimension of which is more than 3 times the least dimension.

The fine aggregate portion passing the No. 200 sieve shall not be greater than two-thirds of the fraction passing the No. 40 sieve, as determined by the wet analysis method. The fraction passing the No. 40 sieve shall have a liquid limit not greater 25, and a plasticity index not greater than 4.

3. CONSTRUCTION DETAILS

Stockpiling and Sampling: After excavation from the source, and processing and blending in a manner approved by the Engineer, the material shall be stockpiled. During the blending operation, the materials shall be thoroughly mixed with the required amount of water to obtain maximum density. Stockpiles shall be located at a distance of not less than fifty (50) feet from the outside bottom edge of the conical stockpile built up under the processing plant conveyer, or not less than 50 feet from the toe of the working face of the source. Unless otherwise approved, in writing, these stockpiles shall be formed in layers having a maximum thickness of two (2) feet and to a height not exceeding twelve (12) feet, and shall contain not less than 1,000 cubic yards or the amount needed for the job, whichever is smaller. Removal of material from stockpiles for placement on the grade shall be by side excavation along nearly vertical faces for the full depth of stockpile. The use of a clam shell type bucket for loading the removal trucks or the use of pan type scrapers for moving the stockpile material to its final position as subbase course will not be permitted. No material shall be added to a stockpile after the stockpile has been sampled for approval. Only material from approved stockpiles shall be placed on the grade for this item. The presence of any oversize particles in the stockpile will be cause for rejection of the entire stockpile.

No material shall be removed for use from any stockpile until the stockpile has been sampled, tested, and approved in writing, by the Engineer, for placement on the grade. It shall be the duty of the Contractor to furnish suitable and approved excavating equipment for such sampling. Approval of a stockpile for placement on the grade shall not relieve, in any degree, the full responsibility of the Contractor to furnish, in its compacted position, a subbase course of select granular materials, the final condition of which conforms to all the requirements of the specifications for this item.

In the event the Contractor shall have a plant or procedure to produce Item 4-SS material of uniform quality, at a rate satisfactory to the Engineer, and such that satisfactory samples for tests can be obtained, the requirement for stockpiling may be waived. Prior approval of the Engineer must be obtained and the work must be done in accordance with such conditions as may be imposed in the approval. Such waiver shall remain in force only so long as a satisfactory material is produced.

Placing: The spreading of any layer of this material shall be done with spreader equipment approved by the Engineer, and shall be spread to such thickness that the maximum depth of the layer, after compacting, will be as shown on the plans. Spreading

from piles dumped on the roadway will not be permitted. The material, as spread, shall be well graded, with no pockets of fine material. Segregation occurring during the spreading operation shall be corrected by remixing until a homogeneous mixture has been obtained.

Water shall be added in such amounts as the Engineer may consider necessary to obtain satisfactory compaction. It shall be the contractor's responsibility to properly place and compact the stabilized soil aggregate subbase in the road section, and to correct any deficiencies occurring during the contract period.

The contractor shall determine the type, size, and weight of compactor best suited to the work at hand, select and control the lift (layer) thickness, exert proper control over the moisture content of the material, and other details necessary to obtain a density of 100 percent of maximum dry weight density in pounds per cubic foot as determined by A.S.T.M. Designation: D698-78.

In all cases, the subbase course must be so thoroughly compacted that significant rutting under the action of the compactor is not observed in the final passes on a lift.

After compaction, the top surface of this course shall be tested for smoothness and accuracy of grade and pitch with a sixteen (16) foot edge. Any portion found to vary by more than three-eighths of an inch in sixteen feet shall be scarified, reshaped, recompacted, finished and otherwise completed to the above tolerance, and approved by the Engineer, before any succeeding course is placed at that location. Any depressions or holes shall be filled with approved material meeting the requirements for this item and the surface re-rolled.

The width of the layer of this subbase shall be restricted to that required for placement of the lane being paved and shall not be laid in excess of 500 linear feet without being compacted. No traffic, or hauling other than that necessary for bringing material for the next course, shall be permitted over this course. Should the subgrade, subbase course granular material or any other material become churned up into, or mixed with this subbase course through any reasons whatsoever, the Contractor shall, at this own expense, remove such mixtures and replace with select granular material acceptable for this item.

The Contractor shall assume full responsibility for any contamination and/or degradation of any part of this course during construction and shall, at his own expense, remove any and all portions of this course which do not conform to the requirements of these specifications and replace these portions with specified material.

The Contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the Contractor from providing this item at the discretion of the Highway Superintendent.

4. METHOD OF MEASUREMENT - The quantity to be paid for under this item will be the number of cubic yards of compacted material measured in place, furnished and placed as shown on the plans or as ordered by the Engineer in accordance with the specifications.

5. BASIS OF PAYMENT - The unit price bid per cubic yard shall cover the cost of furnishing all labor, materials, and equipment necessary to complete the work. The cost of adding water shall be included in the price bid. No direct payment will be made for any losses of material which may result from shrinkage, compaction, foundation settlement, waste, overflow, erosion, leakage, or any other causes; the cost of such losses shall be included in the price bid for this item.

END OF SECTION

ITEM NO. 6 DETECTABLE WARNING UNITS

1. DESCRIPTION - Under Item 6, the Contractor shall install detectable warning units as described herein and as determined by the Engineer. A detectable warning unit is a walkway surface treatment detectable by people with vision impairments, to alert them of their approach to streets and hazardous drop-offs. Section 4.29 of the Americans with Disabilities Act Accessibility Guidelines (ADAAG), requires detectable warnings on new and altered sidewalk curb ramps and at other locations. Stamped concrete is also a viable option for producing the required detectable warning pattern where required.

2. MATERIALS

A. Surface-Applied Detectable Warning Units - Surface-applied detectable warning units shall meet the requirements of New York State Department of Transportation Standard Specification most recent edition (NYSDOTSS) (not included measurement and payment) 726-01 and shall be the color as specified in the Contract Documents to provide the required contrast, light-on-dark or dark-on-light, with the adjacent surface. If no color is specified, the color shall be dark gray Federal Standard 595B #36081 or darker. Setting bed material and/or surface preparation materials for installation of detectable warning units shall be in accordance with manufacturer's recommendations.

B. Embedded Detectable Warning Units - Embedded detectable warning units shall meet the requirements of NYSDOTSS most recent edition (not included measurement and payment) 726-02 and shall be the color as specified in the Contract Documents to provide the required contrast, light-on-dark or dark – on- light, with the adjacent surface. If no color is specified the color shall be dark gray Federal Standard 595B #36081, or darker. Setting bed material and/or surface preparation materials for installation of detectable warning units shall be in accordance with the manufacturer's recommendations.

C. Stamped Concrete Detectable Warnings - Imprinted or stamped concrete detectable warning units shall comply with the specifications for Class D concrete as outlined in NYSDOTSS, most recent edition 501 Portland Cement Concrete – General. The color shall be an approximate visual match to the color specified in the contract documents. If no color is specified, the color shall be dark gray Federal Standard 595B #36081 or darker. The color shall be incorporated into the concrete surface immediately prior to stamping the detectable warnings, or integrally incorporated throughout the mix. Color admixtures for integrally colored concrete shall meet the requirements of ASTM C979. Imprinting tools shall be capable of imprinting the surface of the concrete with a uniform and aligned pattern meeting the required dimensions.

3. CONSTRUCTION DETAILS

A. Surface-Applied Detectable Warning Units - Surface-applied detectable warning units may be applied to existing curb ramps, formed and bonded to existing curb ramps, or as otherwise directed by the manufacturer or specified in the Contract Documents.

B. Embedded Detectable Warning Units - Embedded detectable warning units may be installed in plastic concrete, installed directly on existing subbase prior to placing concrete, inlaid on prepared concrete surfaces or otherwise directed by the manufacturer or specified in the Contract Documents. Follow all applicable manufacturers' requirements for environmental conditions, surface preparation, installation procedures, curing procedures, and materials compatibility.

C. Stamped Concrete Detectable Warnings - Apply NYSDOTSS, most recent edition Section 608-2.08 with the following modifications: Prior to the start of work, the Contractor shall provide a contract-site sample that meets the dimensional requirements of the current standard sheet for detectable warnings. The sample may be constructed as part of the contract. Color hardening powder, if used to color the surface of the concrete, shall be applied to the finished concrete in accordance with the manufacturer's recommendations.

4. **METHOD OF MEASUREMENT -** Detectable Warning Surface will be measured as the number of square feet, measured to the nearest ½ square foot, computed from project limit lines as determined and agreed upon by the Engineer and Contractor.

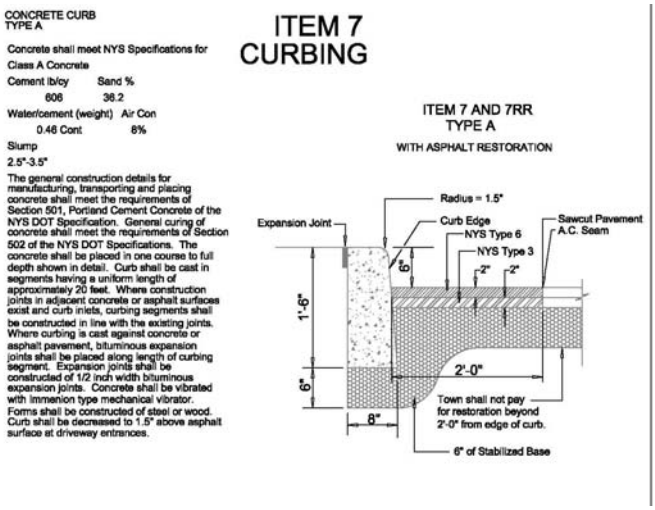
5. **BASIS OF PAYMENT -** The unit price bid shall include all labor, material, and equipment necessary to complete the work, including job site samples as requested. Sidewalk curb ramps and other locations where detectable warnings will be furnished and installed will be paid for under the sidewalk or other applicable items in the Contract.

END OF SECTION

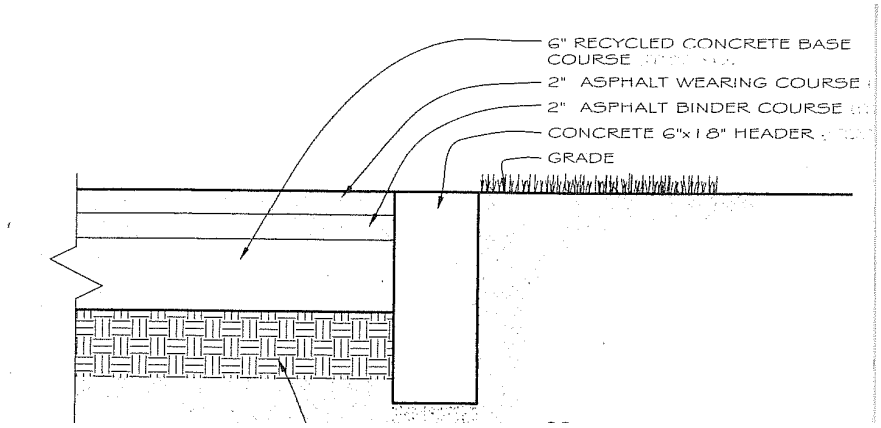
ITEM NO. 7 CONCRETE CURB AND HEADER

1. DESCRIPTION

A. The work under this item includes excavating, or filling and compacting, and fine grading the subgrade, furnishing, installing and placing concrete curbing as shown in the attached detail and at locations shown on the plans or where directed by the Town Engineer or his representative.



B. The work under this item also includes excavating, or filling and compacting, and fine grading the subgrade, furnishing, installing and placing concrete header as shown in the attached detail and at locations shown on the plans or where directed by the Town Engineer or his representative.



C. The work shall include but is not restricted to all demolition of existing curb as required, excavating, or filling, compacting, fine grading, formwork, furnishing and placing reinforcement, furnishing, placing concrete, and performing all other operations necessary to complete the work the specifications and grades. Excavating necessary to install curbing is not considered demolition. The Contractor shall be required to have area marked out for utilities. The Contractor is required to work around existing drainage and other existing structures. The

Contractor is responsible for replacing or fixing damaged utilities as a direct result from this work.

D. The removal of existing driveways, curbing, driveway aprons, trees and shrubs is included within the scope of work as the payment item no. distinguishes. Asphalt patching is performed and paid under various other items.. When installing curbing which requires the demolition of pavement, asphalt shall be sawcut a maximum 2" from the face of the curb and removed before installation of curbing.

E. All materials and workmanship shall conform to the requirements of Section 501 of the Standard Specification of the New York State Department of Transportation. The Contractor is responsible for back filling and compacting behind the new curb to match existing conditions. This back fill shall consist of clean top soil unless otherwise directed by the Town Engineer or his representative.

F. There demolition is required to install new curbing, the Contractor shall not remove beyond the nearest expansion joint. The Town shall not pay for demolition of curbing that goes beyond the expansion joint.

G. The Contractor is responsible for repairing any Town utilities damaged during work or pay the Town for repairing any utilities damaged as a result of work.

H. At the option of the Town, the Contractor shall be responsible for removing existing curbing. This will be distinguished by the Pay Item.

2. MATERIALS

A. Individual materials shall conform to the appropriate section of the Standard Specifications of the New York State Department of Transportation with the following modifications.

a. The coarse aggregate shall be non reactive crushed stone or screened gravel conforming to Section 703-02 of the New York State Department of Transportation Standard Specifications. The fine aggregate shall conform to the requirements of Section 703-07.

b. The air entraining agent shall conform to the requirements of Section 711-08 of the Standard Specification of the New York State Department of Transportation.

c. The water for mixing and washing the aggregates shall be completely free from organic acids, alkaloids, and shall be suitable for drinking.

d. The pre-molded joint filler shall conform to the requirements of Section 705-07 of the Standard Specification of the New York State Department

of Transportation.

e. The membrane curing compound shall be clear or white and shall conform to the requirements of Section 711-05 of the Standard Specifications of the New York State Department of Transportation.

f. The forms shall be wood or steel. If wood is used, it shall be composed of first quality timber of a species approved by the Town Engineer or his representative. Wood forms shall be not less than two inches wide by five inches deep and shall be maintained in excellent condition at all times. Any warped, bent or otherwise damaged pieces shall be immediately discarded. All forms shall be kept thoroughly cleaned and oiled before placing concrete against them.

g. Joint sealer shall be premoulded resilient joint filler conforming to Section 705-07 of the NYSDOT Standard Specifications.

h. Backfill shall be clean top soil unless otherwise directed by the Town Engineer of his representative.

3. CONSTRUCTION DETAILS

A. Mixing Requirements

a. The minimum cement factor shall be seven sacks per cubic yard of concrete.

b. The minimum permissible water-cement ratio shall be five gallons per sack of cement.

c. The average air content shall be five percent. The fine aggregate shall be reduced accordingly to provide the required air content.

d. The slump of the concrete shall not exceed four inches when tested in accordance with ASTM C-143. Batches or trucks showing more than this slump will be rejected and the Contractor shall have no claim against the municipality of the Town Engineer or his representative for such rejection. This is the maximum limit and no tolerance above this limit will be permitted.

B. Sampling and Testing

a. Sampling and testing will be done in accordance with the requirements of ASTM C-39 “Method of Test for Compressive Strength of Molded Cylinders”. The testing shall be performed by a laboratory, to be approved by the Town Engineer or his representative, and all testing cost will be borne by the Contractor.

b. Tests of the concrete on random batches shall be supervised by the Town Engineer or his representative. At lease one test comprising at least four cylinders shall be obtained each day when a minimum of 100 cubic yards of concrete is placed.

c. The concrete shall show an average strength in compression of 4,000 p.s.i. when sampled, screeded and tested in 28 days in accordance with the above specification. To conform to this average strength the following requirements must be met:

i. The average of five consecutive tests shall be a minimum of 3,650 p.s.i. A test shall be the average strength found by testing two or more cylinders from a single batch.

ii. Four consecutive test falling below 4,000 p.s.i. shall constitute failure to meet the specifications and shall be sufficient basis to reject the areas continuing concrete delivered in those days.

iii. Not more than two tests in ten shall fall below 3,650 p.s.i.

iv. Where there is a question as to the quality of the concrete because of strength test failure, approval may be given to the Contractor to sponsor alternate strength tests to verify or disprove the results. The tests and the basis of acceptance (or rejection) of the quality of the concrete by these alternate tests shall be agreed upon by the Town Engineer or his representative and the Contractor when approval is granted.

C. Excavation and Fill

a. The Contractor shall perform all excavation, borrow fill, and fine grading required to construct the curbing to the grades shown on the plan or as directed by the Town Engineer or his representative. This shall include the removal and disposal of existing sidewalks, curbing, driveways, driveway aprons, asphalt, trees, shrubs, etc. where shown on the plans or as required to construct the sidewalk. Note that removal of existing sidewalks, curbs, driveways, driveway aprons, asphalt, trees, shrubs shall be paid under appropriate Pay Item 7 or 7RR.

b. Fill sections shall be placed in loose layers of not more than four inches and shall be thoroughly compacted with a mechanical tamper or a vibratory compactor. Where this work involves replacing curbing that borders existing asphalt, the Contractor shall saw cut pavement no more than two feet from edge of curbing to be replaced.

c. The subgrade in excavated sections shall be thoroughly compacted with a

mechanical tamper or vibratory compactor.

d. Fine grading shall be such that the curbing will have a minimum thickness of six inches when measured or cored in place. The Contractor shall provide a scratch template for use by the Town Engineer or his representative to check for the proper thickness before the concrete is placed.

D. Forms - The side forms shall be placed true to line and grade and rigidly held in place by proper pins or stakes in such a manner that the section, when completed, will have the required thickness.

E. Joints

a. Expansion joints ½ inch tick shall be placed at all points where the curbing abuts buildings, sidewalk, catch basin inlets and between sections of new curbing and existing curbing and at each side of driveways. The expansion joints shall be at twenty foot intervals along the longitudinal axis. Expansion joint filler shall be set ¼ inches below the finished driveway and driveway apron grade and shall extend to the subgrade. The joint shall be sealed with the specified joint sealer.

b. The edges of the sidewalk shall be finished with an approved edger not more than two inches wide with a radius of ¼ inch that leaves a smooth finished edge.

F. Placing Concrete

a. Before concrete may be placed each section of the subgrade shall be checked for depth with a scratch template and the subgrade corrected where insufficient depth is found.

b. The subgrade shall not be frozen or muddy at the time the concrete is placed.

c. The concrete shall be placed and thoroughly compacted. It shall be screeded flush with the top of the forms. After screening, it shall be further compacted with a wood float. The surface shall be tested with a straight edge ten feet long and all irregularities over 1/8 inch shall be immediately corrected.

d. The final finish shall be delayed sufficiently so as to allow the concrete to set to such an extent that an excess of fine material will not be worked to the top in the finishing operations. No dry cement or mixture of dry cement and sand shall be sprinkled on the surface of the top course. The surface should be left slightly roughened so as to insure the greatest safety

of foothold under all weather conditions.

e. Sidewalks across driveways shall be constructed and paid for as specified under Item No. 9. Aprons and ramps shall be constructed and paid under Item no. 11. Curbing associated with drop curbing across driveway aprons and sidewalk ramps shall be constructed and paid under this item.

f. Weather limitation for concrete placement shall conform to the requirements of Section 502-3.01 of the Standard Specification of the New York State Department of Transportation.

G. Curing And Protection

a. Upon stripping the side forms, the sides shall be immediately backfilled.

b. The Contractor shall protect the curbing and keep it in first class condition until the completion of work. Any curbing which is damaged at any time previous to the final acceptance of the work shall be removed and replaced with a satisfactory curb at the expense of the Contractor.

c. No traffic of any kind will be permitted on the curbing for a period of at least five days after the curb has been placed. Barricades and warning lights shall be provided by the Contractor to warn and protect the public.

d. When conditions indicate that the temperature may drop to 35 degrees or below, the Contractor shall provide insulating blankets to cover and protect all work from freezing.

4. METHOD OF MEASUREMENT

A. Item 7 – Concrete Curb

a. The quantity to be paid for Items 7 shall be the number of linear feet completed and measured in place and accepted in accordance with the provisions of these specifications. Where work involves piece meal sections such as replacing deteriorated curbing, the measurement shall be the sum of all sections. Curb inlets that become part of curbing is not included in this measurement.

b. Total measurement shall be based on the total quantity of curbing installed for that job as indicated on a Town of Riverhead Purchase order. For example, where the job requires two sections of one hundred linear feet of curbing, the total shall be two hundred feet, not two jobs of one hundred feet. A job may also include several separate locations.

B. Item 7RR – Remove and Replace Concrete Curb

a. The quantity to be paid for Items 7RR shall be the number of linear feet of existing curb to be removed and replaced and measured in place and accepted in accordance with the provisions of these specifications. Where work involves piece meal sections such as replacing deteriorated curbing, the measurement shall be the sum of all sections. Curb inlets that become part of curbing is not included in this measurement.

b. Total measurement shall be based on the total quantity of new curbing installed for that job as indicated on a Town of Riverhead Purchase order. For example, where the job requires two sections of one hundred linear feet of curbing, the total shall be two hundred feet, not two jobs of one hundred feet. A job may also include several separate locations.

C. Item 7A – Concrete Header

a. The quantity to be paid for Items 7A shall be the number of linear feet completed and measured in place and accepted in accordance with the provisions of these specifications.

b. Total measurement shall be based on the total quantity of concrete header installed for that job as indicated on a Town of Riverhead Purchase order.

D. Item 7A RR - Remove and Replace Concrete Header

a. The quantity to be paid for Items 7A RR shall be the number of linear feet of existing concrete header to be removed and replaced and measured in place and accepted in accordance with the provisions of these specifications. Where work involves piece meal sections such as replacing deteriorated concrete header, the measurement shall be the sum of all sections.

b. Total measurement shall be based on the total quantity of new concrete header installed for that job as indicated on a Town of Riverhead Purchase order. For example, where the job requires two sections of one hundred linear feet of concrete header, the total shall be two hundred feet, not two jobs of one hundred feet.

5. BASIS OF PAYMENT

A. Item 7 – Curb

a. The price bid shall include all necessary aggregates, cement reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, protecting the work, and all labor, materials, tools, supplies, equipment, testing and all incidentals necessary to complete the work.

Payment shall be made according to Item 7. Where work involves piece meal sections, payment unit price shall be based on the sum of all sections. Excavations in existing soil or grass areas is not considered demolition. Curb inlets that become part of curbing is not considered.

B. Item 7RR - Remove and Replace Curb

a. The price bid shall include all necessary labor, equipment, and material required to remove and replace curb including aggregates, cement, reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, and protection of work necessary to complete the work. Payment shall be made according to Item 7RR. Where work involves piece meal sections, payment unit price shall be based on the sum of all sections. Excavations in existing soil or grass areas is not considered demolition. Curb inlets that become part of curbing is not considered.

C. Item 7A – Concrete Header

a. The price bid shall include all necessary aggregates, cement reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, protecting the work, and all labor, materials, tools, supplies, equipment, testing and all incidentals necessary to complete the work. Payment shall be made according to Item 7A. Where work involves piece meal sections, payment unit price shall be based on the sum of all sections. Excavations in existing soil or grass areas is not considered demolition.

D. Item 7A RR – Remove and Replace Concrete Header

a. The price bid shall include all necessary labor, equipment, and material required to remove and replace concrete header including aggregates, cement, reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, and protection of work necessary to complete the work. Payment shall be made according to Item 7A RR. Where work involves piece meal sections, payment unit price shall be based on the sum of all sections. Excavations in existing soil or grass areas is not considered demolition.

END OF SECTION

ITEM NO. 8 JUMBO BELGIAN BLOCK CURB

1. DESCRIPTION - The work includes furnishing all labor, equipment and appliances necessary for the construction of Belgian Block (supplied by the Town) curb in accordance with these specifications, at the locations and to the dimension shown on the plans provided by the Town, and as directed by an to the approval of the Town Engineer.

2. MATERIALS

A. Block – Block shall be jumbo granite Belgian block, 7" to 8" high by 10" to 12" long by 4" to 5" wide. Blocks shall be supplied by the Town and shall not be included in the cost.

B. Concrete – shall consist of Portland Cement and fine and coarse aggregate in the proportionate quantities necessary to produce a concrete which shall attain a minimum compressive strength of 4,000 psi in 28 days. The total water content shall not exceed five (5) gallons per sack of cement. The air content should be 4-1/2 percent and the cement content shall be a minimum of 560 pounds per cubic yard. The Contractor shall provide the Engineer with a mix design prior to work.

3. CONSTRUCTION DETAILS

A. Excavation and Fill - The Contractor shall perform all excavation, borrow fill, disposal of excess soil and fine grading required to construct the curbing to the grades shown on the plan or as directed by the Town Engineer or his representative. This shall include the removal and disposal of existing sidewalks, curbing, driveways, driveway aprons, asphalt, trees, shrubs, etc. where shown on the plans or as required to construct the sidewalk. Note that removal of existing Belgian block curbs, asphalt, trees, shrubs shall be paid under appropriate Pay Item 8 or 8RR.

1. Fill sections shall be placed in loose layers of not more than four inches and shall be thoroughly compacted with a mechanical tamper or a vibratory compactor. Where this work involves replacing curbing that borders existing asphalt, the Contractor shall saw cut pavement no more than two feet from edge of curbing to be replaced.

2. The subgrade in excavated sections shall be thoroughly compacted with a mechanical tamper or vibratory compactor.

3. Material remaining from excavation shall be disposed of off site.

4. Fine grading shall be such that the curbing will have a minimum thickness of six inches when measured or cored in place. The Contractor shall provide a scratch template for use by the Town Engineer or his

representative to check for the proper thickness before the concrete and block is placed.

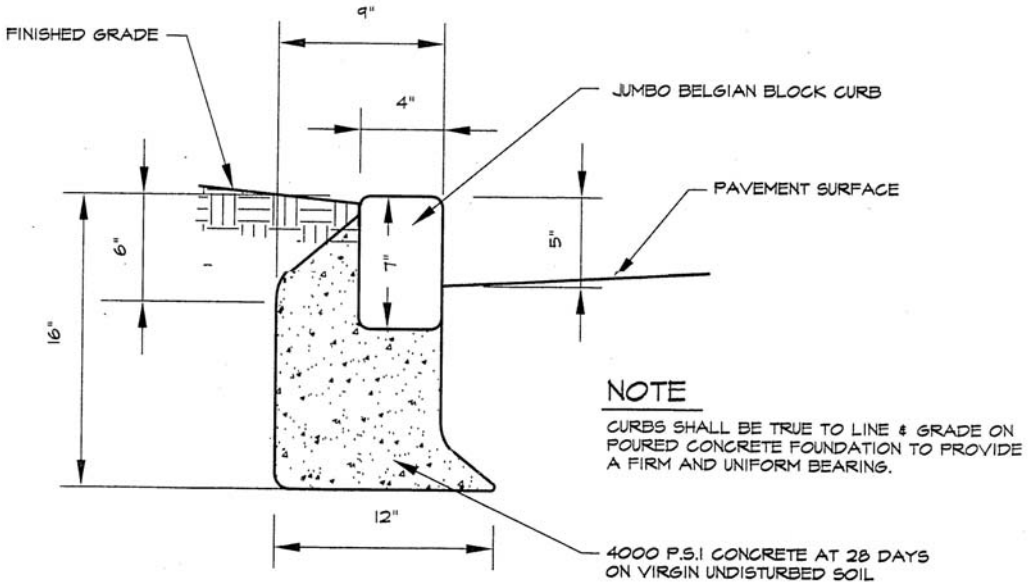
B. PLACING CONCRETE

1. The subgrade shall not be frozen or muddy at the time the concrete is placed.

2. Weather limitation for concrete placement shall conform to the requirements of Section 502-3.01 of the Standard Specification of the New York State Department of Transportation.

G. CURING AND PROTECTION

1. When conditions indicate that the temperature may drop to 35 degrees or below, the Contractor shall provide insulating blankets to cover and protect all work from freezing.



4. METHOD OF MEASUREMENT

Item 8 – Jumbo Belgian Block Curb - The quantity to be paid for Item 8 shall be the number of linear feet completed and measured in place and accepted in accordance with the provisions of these specifications. The Town shall supply the Contractor with Belgian blocks. Where work involves piece meal sections such as replacing deteriorated curbing, the measurement shall be the sum of all sections. Curb inlets that become part of curbing is not included in this measurement.

Total measurement shall be based on the total quantity of jumbo Belgian block curbing installed for that job as indicated on a Town of Riverhead Purchase order. For example, where the job requires two sections of one hundred linear feet of curbing, the total shall be two hundred feet, not two jobs of one hundred feet. A job may also include several separate locations.

Item 8RR – Remove and Replace Jumbo Belgian Block Curb - The quantity to be paid for Items 8RR shall be the number of linear feet of existing curb to be removed and replaced and measured in place and accepted in accordance with the provisions of these specifications. Where work involves piece meal sections such as replacing deteriorated curbing, the measurement shall be the sum of all sections. Curb inlets that become part of curbing is not included in this measurement. The Town shall supply the Contractor with Belgian blocks.

Total measurement shall be based on the total quantity of new curbing installed for that job as indicated on a Town of Riverhead Purchase order. For example, where the job requires two sections of one hundred linear feet of curbing, the total shall be two hundred feet, not two jobs of one hundred feet. A job may also include several separate locations.

5. BASIS OF PAYMENT

Item 8 – Jumbo Belgian Block Curb The price bid shall include all necessary placing, screeding, finishing, curing, filling joints of all types, protecting the work, and all labor, tools, supplies, materials, equipment, testing and all incidentals necessary to complete the work. The Town shall supply the Contractor with Belgian blocks. Payment shall be made according to Item 8. Where work involves piece meal sections, payment unit price shall be based on the sum of all sections. Excavations in existing soil or grass areas is not considered demolition. Curb inlets that become part of curbing is not considered.

Item 8RR – Remove and Replace Jumbo Belgian Block Curb – The price bid shall include all necessary labor, equipment, and material required to remove and replace curb including reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, and protection of work necessary to complete the work. The Town shall supply the Contractor with Belgian blocks. Payment shall be made according to Item 8RR. Where work involves piece meal sections, payment unit price shall be based on the sum of all sections. Excavations in existing soil or grass areas is not considered demolition. Curb inlets that become part of curbing is not considered.

END OF SECTION

ITEM NO. 9 CONCRETE SIDEWALK

1. DESCRIPTION

A. The work under this item shall consist of excavating, filling, compacting, disposal of excess soil, fine grading the subgrade, furnishing and installing cement concrete sidewalk four inches thick to the dimensions, details and at locations shown on the plans or where directed by the Town Engineer or his representatives.

B. The work shall include, but is not limited to, all excavating, filling, compacting, disposing of excess soil, fine grading, formwork, furnishing and placing reinforcement, furnishing, placing concrete, and performing all other operations necessary to complete the work according to specifications and grades. Excavating necessary to install sidewalk in is not considered demolition. Contractor shall be required to have area marked out for utilities. Contractor is required to work around existing drainage and other existing structures. Contractor is responsible for replacing or fixing damaged utilities as a direct result from this work.

C. All materials and workmanship shall conform to the requirements of Section 501 of the Standard Specifications of the New York State Department of Transportation.

D. At Town's option, Contractor shall be responsible for removing existing sidewalk as distinguished by pay item. When installing concrete sidewalk which requires the demolition of pavement, asphalt shall be sawcut a maximum 2' from the edge of the former or new sidewalk and removed before installation of new sidewalk.

2. MATERIALS

A. Individual materials shall conform to the appropriate section of the Standard Specifications of the New York State Department of Transportation with the following modifications.

B. The aggregates shall be non-reactive crushed stone or screened gravel and section 703-07 of the Standard Specification of the New York State Department of Transportation.

C. The air entraining agent shall conform to the requirements Section 711-08 of the Standard Specification of the New York State Department of Transportation.

D. The water for mixing and washing the aggregates shall be completely, free of organic acids, alkalis, oil and shall be suitable for drinking.

E. The premolded joint filler shall conform to the requirements Section 705-07 of the

Standard Specification of the New York State Department of Transportation.

F. The joint sealer shall be a polysulfide type self leveling sealer "Coma Self Leveling Sealer" manufactured by Sika Chemical Corporation, Passaic, New Jersey, or an approved equal.

G. Reinforcement shall be number 6 gauge cold drawn steel wire mesh, spacer size inches apart longitudinally and six inches apart transversely, and shall be placed three inches above the bottom of the slab. The reinforcement shall conform to the requirements of Section 709-02 of the Standard Specification of the New York State Department of Transportation.

H. The membrane curing compound shall be clear or white and shall conform to the requirements Section 711-05 of the Standard Specification of the New York State department of Transportation.

I. The forms shall be wood or steel. If wood is used, it shall be composed of first quality ACQ timber of a species approved by the Town Engineer or his representative. Wood forms shall be not less than two inches wide by five inches deep and shall be maintained in excellent condition at all times. Any warped, bent or otherwise damaged pieces shall be immediately discarded. All forms shall be kept thoroughly cleaned and oiled before placing concrete against them.

3. CONSTRUCTION DETAILS

A. Mixing Requirements

a. The minimum cement factor shall be seven sacks per cubic yard of concrete.

b. The minimum permissible water-cement ratio shall be five gallons per sack of cement.

c. The average air content shall be five percent. The fine aggregate shall be reduced accordingly to provide the required air content.

d. The slump of the concrete shall not exceed four inches when tested in accordance with ASTM C-143. Batches or trucks showing more than this slump will be rejected and the contractor shall have no claim against the municipality of the Town Engineer or his representative for such rejection. This is the maximum limit and no tolerance above this limit will be permitted.

B. Sampling and Testing

a. Sampling and testing will be done in accordance with the requirements of

ASTM C-39 "Method of Test for Compressive Strength of Molded Cylinders". The testing shall be performed by a laboratory, to be approved by the Town Engineer or his representative and all testing cost will be borne by the Contractor.

b. Tests of the concrete on random batches shall be supervised by the Town Engineer or his representative. At least one test comprising at least four cylinders shall be obtained each day when a minimum of 100 cubic yards of concrete is placed.

c. The concrete shall show an average strength in compression of 4,000 p.s.i when sampled, creed and tested in 28 days in accordance with the above specification. To conform to this average strength the following requirements must be met.

i. The average of five consecutive tests shall be a minimum of 3,650 p.s.i. A test shall be the average strength found by testing two or more cylinders from a single batch.

ii. Four consecutive test falling below 4,000 p.s.i. shall constitute failure to meet the specifications and shall be sufficient basis to reject the areas continuing concrete delivered in those days.

iii. Not more than two tests in ten shall fall below 3,650 p.s.i.

iv. Where there is a question as to the quality of the concrete because of strength test failure, approval may be given to the contractor to sponsor alternate strength tests to verify or disprove the results. The tests and the basis of acceptance (or rejection) of the quality of the concrete by these alternate tests shall be agreed upon by the Town Engineer or his representative and the Contractor when approval is granted.

C. Excavation And Fill

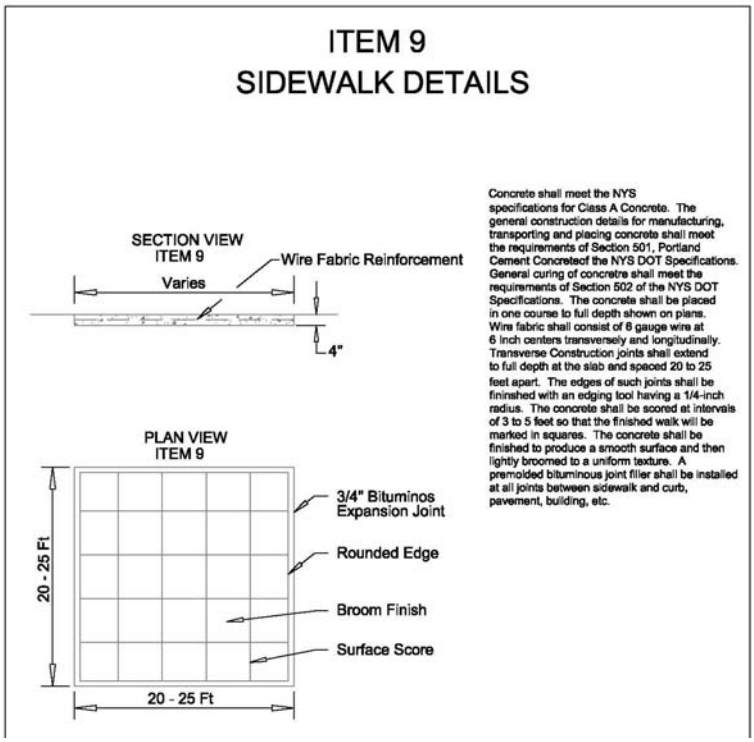
a. The Contractor shall perform all excavation, borrow fill, and fine grading required to construct the sidewalk to the grades shown on the plan or as directed by the Town Engineer or his representative. This shall include the removal and disposal of existing sidewalks, curbing, driveways, driveway aprons, asphalt, trees, shrubs, excess fill, etc. where shown on the plans or as required to construct the sidewalk. Note that removal of existing sidewalks, curbs, driveways, driveway aprons, asphalt, trees, shrubs etc. is a separate line Item No. 2U. The Town may use in-house labor to remove and dispose debris.

b. Fill sections shall be placed in loose layers of not more than four inches

and shall be thoroughly compacted with a mechanical tamper or a vibratory compactor.

c. The subgrade in excavated sections shall be thoroughly compacted with a mechanical tamper or vibratory compactor.

d. Fine grading shall be such that the sidewalk will have a minimum thickness of four inches when measured or cored in place. The contractor shall provide a scratch template for use by the Town Engineer to check for the proper thickness before the concrete is placed.



D. Forms - The side forms shall be placed true to line and grade and rigidly held in place by proper pins or stakes in such a manner that the section, when completed, will have the required thickness.

E. Joints

a. Expansion joints ½ inch thick shall be placed at all points where the sidewalk abuts buildings, curb inlets, and at each side of driveways. The expansion joints at twenty four foot intervals along the longititudinal axis and at fifteen foot intervals along the transverse axis. Expansion joint filler shall be set ¼ inches below the finished driveway and driveway apron grad and shall extend to the subgrade. The joint shall be sealed with the specified joint sealer.

b. Contraction joints shall be scored at intervals of three to five feet both longitudinally and transversely. For normal sidewalk work, these joints shall be installed at intervals equal to the width of the sidewalk but not less than five feet. The jointer or groover shall produce a groove 3/8 inches deep with a ¼ inch radius at the surface. The groover shall produce a smooth finished joint having a width twice that of the edging tool.

c. The edges of the sidewalk shall be finished with an approved edge not more than two inches wide with a radius of ¼ inch that leaves a smooth finished edge.

d. If shown on plans or ordered by the Town Engineer or his representative expansion joints as described in Section 2-5 of this specification shall be placed where the sidewalk abuts concrete curb or other structure and in lieu there of the Contractor shall provide a cut joint ¼ inch wide by ½ inch deep. This joint shall be filled with the specified joint sealer.

F. Placing of Concrete

a. Before concrete may be placed each section of the subgrade shall be checked for depth with a scratch template and the subgrade corrected where insufficient depth is found.

b. The subgrade shall not be frozen or muddy at the time the concrete is placed.

c. The concrete shall be placed and thoroughly compacted. It shall be screeded flush with the top of the forms. After screeding it shall be further compacted with a wood float. The surface shall be tested with a straight edge ten feet long and all irregularities over 1/8 inch shall be immediately corrected.

d. The final finish shall be delayed sufficiently so as to allow the concrete to set to such an extent that an excess of fine material will not be worked to the top in the finishing operations. No dry cement or mixture of dry cement and sand shall be sprinkled on the surface of the top course. The surface should be left slightly roughened so as to insure the greatest safety of foothold under all weather conditions.

e. Sidewalks across driveways shall be constructed and paid for as specified under Item 11 “Cement Concrete Aprons”.

f. Weather limitation for concrete placement shall conform to the requirements of Section 502-3.01 of the Standard Specification of the New York State Department of Transportation.

G. Curing and Protection

a. Upon stripping the side forms the sides shall be immediately backfilled.

b. The contractor shall protect the sidewalk and keep it in first class condition until the completion of work. Any sidewalks that are damaged at any time previous to the final acceptance of the work shall be removed and replaced with a satisfactory sidewalk at the expense of the Contractor.

c. No traffic of any kind will be permitted on the sidewalk for a period of at least five days after the sidewalk has been placed. Barricades and warning lights shall be provided by the Contractor to warn and protect the public.

d. When conditions indicate that the temperature may drop to 35 degrees or below, the Contractor shall provide insulating blankets to cover and protect all work from freezing.

5. Contractor shall remove excess materials and grade up to either side of new sidewalk.

6. METHOD OF MEASUREMENT

A. Item 9 – Concrete Sidewalk

a. The quantity to be paid for shall be the number of square yards completed and measured in place and accepted in accordance with the provisions of these specifications. Where work involves piecemeal section such as replacing deteriorated sidewalk, the measurement shall be the sum of all sections.

b. Total measurement shall be based on the total quantity of sidewalk installed for that job requires two sections of one hundred square yards of sidewalk. The total shall be two hundred yards, not two jobs of one hundred square yards. A job may also include several separate locations.

B. Item 9RR – Remove and Replace Concrete Sidewalk

a. The quantity to be paid for shall be the number of square yards completed and measured in place and accepted in accordance with the provisions of these specifications. Where work involves piecemeal section such as replacing deteriorated sidewalk, the measurement shall be the sum of all sections.

7. BASIS OF PAYMENT

A. Item 9 – Concrete Sidewalk

a. The price bid shall include all necessary labor, equipment, machinery, aggregates, cement reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, protecting the work, and all labor, materials, tools, supplies, equipment, testing, and all incidentals necessary to complete the work as specified herein. Excavations in existing soil or grass areas is included in this section.

B. Item 9RR – Remove and Replace Concrete Sidewalk

a. The price bid shall include all necessary labor, equipment, machinery, aggregates, cement reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, protecting work including all work required to remove and dispose of old sidewalk and replace with new sidewalk as specified herein.

END OF SECTION

ITEM NO. 10 COLORED AND IMPRINTED CONCRETE SIDEWALK

1. DESCRIPTION

A. Under these items the Contractor shall construct Portland Cement concrete sidewalks on a prepared subbase, having the surface colored and imprinted with a pattern, and of the thickness and locations shown on the plans or as directed by the Engineer. The pattern and color shall be as indicated on the plans.

2. MATERIALS

A. The following materials shall meet the requirements of the indicated NYSDOT materials specifications.

Materials	NYSDOT Specification
Portland Cement	701-01
Coarse Aggregate	703-02
Concrete Sand	703-07
Premoulded Resilient Joint Filler	705-07
Wire Fabric for Concrete Reinforcement	709-02
Admixtures	711-08
Water	712-01

B. Concrete shall meet the requirements of the NYSDOT Specification 501, except that it shall have a minimum 28 day compressive strength of 4,000 psi, an air content of 6.5%, and shall contain synthetic fiber reinforcement at the rate of 0.1% by volume, minimum. The contractor shall submit a concrete design mix for approval by the Town Engineer.

C. Portland Cement shall be Type I or II.

D. Synthetic fiber reinforcement shall meet the requirements of the ASTM C1116.

E. Bomanite Color Hardener, Bomacron Release Agent and Bomanite Sealer shall be distributed by Bomanite of New York and Long Island, 699 Tennent Road. Manalapan, NJ 07726-3127 (800-972-0668), or approved equal.

F. Lithocrome Colorcalk shall be manufactured by L.M. Scofield Company (800-800-9900) or approved equal.

3. CONSTRUCTION DETAILS

A. The general construction details for manufacturing, transporting and placing concrete shall meet the requirements of NYSDOT Specification or Section 501-3, Portland Cement Concrete.

B. The concrete containing synthetic fiber reinforcement shall be placed on the prepared subbase in one course to the full depth shown on the plans.

C. Wire fabric for the concrete reinforcement shall be embedded at mid-depth in the slab. The wire fabric shall consist of W2.0 or W3 at 6" centers transversely and longitudinally.

D. Transverse expansion joints shall extend to the full depth of the slab and shall be spaced 20 – 25 feet apart.

E. The concrete shall be placed and screeded to the finished grade and floated to a uniform surface.

F. Bomanite Color Hardener shall be applied evenly to the plastic surface by the dry-shake method at a rate of 60 pounds per 100 square feet, minimum. It shall be applied in two or more shakes, floated after each and toweled only after final floating.

G. Bomacron Clear, Non pigmented Release Agent shall be applied evenly to the surface, as required.

H. While the concrete is still in the plastic stage of set, the Bomanite printing tools shall be applied to make the desired impression to the surface. Impressions shall be not be deeper than three-eighths of an inch.

I. The surface shall be scored at intervals shown on the plans by means of a tool or may be saw cut. The depth of the score shall be one inch. If the saw cut option is used, the saw cutting must be performed later the same day.

J. Pre-moulded resilient joint filler shall be installed at all joints and between the sidewalk and curb, to within one inch of the top of the slab. The top one inch of the joint shall be caulked with LITROCROME Colorcalk Sealant in the matching color.

K. The surface shall be sealed with 2 coats of Bomanite Sealer.

4. METHOD OF MEASUREMENT

A. Item 10-4 and Item 10-6– Colored and Imprinted Concrete Sidewalk

a. The quantity to be paid for shall be the number of square yards, in 4" thickness or 6" respectively, completed and measured in place and accepted in accordance with the provisions of these specifications. Where work involves piecemeal section such as replacing deteriorated sidewalk, the measurement shall be the sum of all sections.

b. Total measurement shall be based on the total quantity of sidewalk installed for that job requires two sections of one hundred square yards of sidewalk. The total shall be two hundred yards, not two jobs of one hundred square yards. A job may also include several separate locations.

B. Item 10-4RR and Item 10-6RR – Remove and Replace Concrete Sidewalk with Colored and Imprinted Concrete Sidewalk

a. The quantity to be paid for shall be the number of square yards, in 4" thickness or 6" respectively, completed and measured in place and accepted in accordance with the provisions of these specifications. Where work involves piecemeal section such as replacing deteriorated sidewalk, the measurement shall be the sum of all sections.

5. BASIS OF PAYMENT

A. Item 10-4 and Item 10-6 – Colored and Imprinted Concrete Sidewalk

a. The price bid shall include all necessary labor, equipment, machinery, fine and coarse aggregates, cement, cement reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, protecting the work, and all labor, materials, tools, supplies, equipment, testing, and all incidentals necessary to complete the work as specified herein. Excavations in existing soil or grass areas is included in this section.

B. Item 10-4RR and Item 10-6RR – Remove and Replace Concrete Sidewalk with Colored and Imprinted Concrete Sidewalk

a. The price bid shall include all necessary labor, equipment, machinery, fine and coarse aggregates, cement, cement reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, protecting work including all work required to remove and dispose of old sidewalk and replace with new sidewalk as specified herein.

END OF SECTION

ITEM NO. 11 CONCRETE APRONS

1. DESCRIPTION

A. The work under this item shall consist of excavation of filling, compacting and fine grading the subgrade, furnishing, installing and placing reinforcement cement concrete driveways and driveway aprons six inches thick to the dimensions, details and at locations shown on the plans or where directed by the Town Engineer or his representative.

B. The work shall include but is not restricted to all excavating, or filling, compacting, fine grading, formwork, furnishing and placing reinforcement, furnishing, placing concrete, and performing all other operations necessary to complete the work the specifications and grades. Excavating necessary to install apron in is included in pay item. Contractor shall be required to have area marked out for utilities. Contractor is required to work around existing drainage and other existing structures. Contractor is responsible for replacing or fixing damaged utilities as a direct result from this work.

C. All materials and workmanship shall conform to the requirements of Section 501 of the Standard Specification of the New York State Department of Transportation and Sections 170.1-4 of the New York State Construction for the Physically Handicapped.

D. At the option of the Town, the Contractor shall be responsible for removing existing driveway aprons as distinguished by pay item. When installing concrete apron which requires the demolition of pavement, asphalt shall be sawcut a maximum 2’ from the edge of the apron/driveway and removed before installation of new apron/driveway.

2. MATERIALS

A. Individual materials shall conform to the appropriate section of the Standard Specification of the New York State Department of Transportation with the following modifications.

   a. The aggregates shall be non reactive crushed stone or screened gravel and fine aggregate shall conform to the requirements of Section 703-07 of the Standard Specification of the New York State Department of Transportation.

   b. The air entraining agent shall conform to the requirements of Section 711-08 of the Standard Specification of the New York State Department of Transportation.

   c. The water for mixing and washing the aggregates shall be completely free

from organic acids, alkaloids, and shall be suitable for drinking.

d. Reinforcement shall be number 6 gauge cold drawn steel wire mesh, spacer size inches apart longitudinally and six inches apart transversely, and shall be placed three inches above the bottom of the slab. The reinforcement shall conform to the requirements of Section 709-02 of the Standard Specification of the New York State Department of Transportation.

e. The pre-molded joint filler shall conform to the requirements of Section 705-07 of the Standard Specification of the New York State Department of Transportation.

f. The membrane curing compound shall be clear or white and shall conform to the requirements of Section 711-05 of the Standard Specification of the New York State Department of Transportation.

g. The forms shall be wood or steel. If wood is used, it shall be composed of first quality timber of a species approved by the Town Engineer or his representative. Wood forms shall be not less than two inches wide by five inches deep and shall be maintained in excellent condition at all times. Any warped, bent or otherwise damaged pieces shall be immediately discarded. All forms shall be kept thoroughly cleaned and oiled before placing concrete against them.

The joint sealer shall meet the material requirements of NYSDOT Standard Specifications Section 705-12 for Preformed Elastic Transverse Contraction and Expansion Joint Seal.

3. CONSTRUCTION DETAILS

A. Mixing Requirements

a. The minimum cement factor shall be seven sacks per cubic yard of concrete.

b. The minimum permissible water-cement ratio shall be five gallons per sack of cement.

c. The average air content shall be five percent. The fine aggregate shall be reduced accordingly to provide the required air content.

d. The slump of the concrete shall not exceed four inches when tested on accordance with ASTM C-143. Batches or trucks showing more than this slump will be rejected and the Contractor shall have no claim against the municipality or the Town Engineer of his representative for such rejection.

This is the maximum limit and no tolerance above this limit will be permitted.

B. Sampling and Testing

a. Sampling and testing will be done in accordance with the requirements of ASTM C-39 “Method of Test for Compressive Strength of Molded Cylinders”. The testing shall be performed by a laboratory, to be approved by the Town Engineer or his representative, and all testing costs will be borne by the Contractor.

b. Tests of the concrete on random batches shall be supervised by the town Engineer or his representative. At least one test comprising at least four cylinders shall be obtained each day when a minimum of a 100 cubic yards of concrete is placed.

c. The concrete shall show an average strength in compression of 4,000 p.s.i. when sampled, creed and tested in 28 days in accordance with the above specification. To conform to this average strength the following requirements must be met.

i. The average of five consecutive tests shall be a minimum of 3,650 p.s.i. A test shall be the average strength found by testing two or more cylinders from a single batch.

ii. Four consecutive tests falling below 4,000 p.s.i. shall constitute failure to meet the specifications and shall be sufficient basis to reject the areas continuing concrete delivered in those days.

iii. Not more than two tests in ten shall fall below 3,650 p.s.i.

iv. Where there is a questions as to the quality of the concrete because of strength test failure, approval may be given to the contractor to sponsor alternate strength tests to verify or disprove the results. The tests and the basis of acceptance (or rejection) of the quality of the concrete by these alternate tests shall be agreed upon by the Town Engineer or his representative and the Contractor when approval is granted.

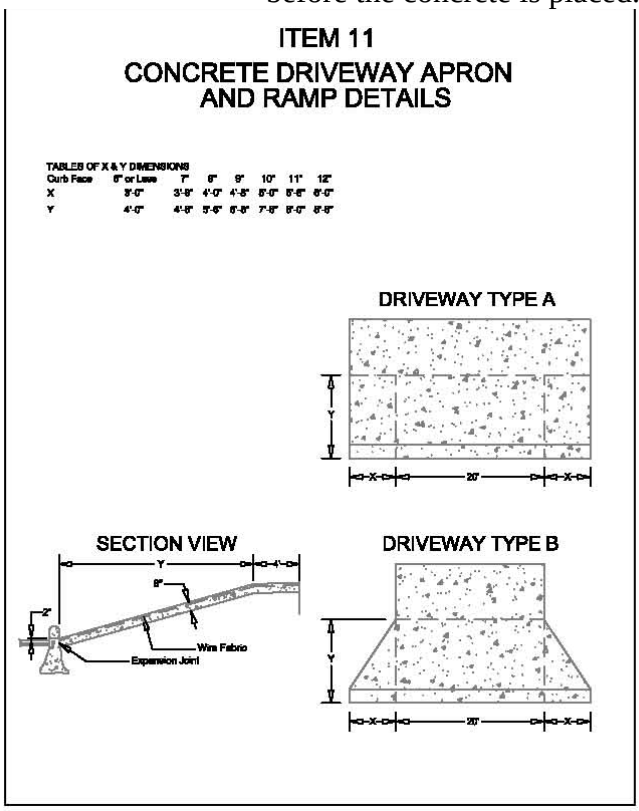
C. Excavation and Fill

a. The Contractor shall perform all excavation, borrow fill, and fine grading required to construct the apron to the grades shown on the plan or as directed by the Town Engineer or his representative. This shall include the removal and disposal of existing aprons. where shown on the plans or as required to construct the apron as distinguished by Pay Item.

i. Fill sections shall be placed in loose layers of not more than four inches and shall be thoroughly compacted with a mechanical tamper or a vibratory compactor.

ii. The subgrade in excavated sections shall be thoroughly compacted with a mechanical tamper or vibratory compactor.

iii. Fine grading shall be such that the sidewalk will have a minimum thickness of four inches when measured or cored in place. The contractor shall provide a scratch template for use by the Town Engineer or his representative to check for the proper thickness before the concrete is placed.



D. Forms - The full depth of the apron shall be six inches. The side forms shall be placed true to line and grade and rigidly held in place by proper pins or stakes in such a manner that the section, when completed, will have the required thickness.

E. Joints

a. Expansion joints ½ inch thick shall be placed at all points where the apron abuts buildings, curbing and sidewalks and at each side of driveways. The expansion joints shall be at twenty foot intervals along the longitudinal axis and at fifteen foot intervals along the transverse axis. Expansion joint filler shall be set ¼ inches below the finished driveway and driveway

apron grade and shall extend to the subgrade. The joint shall be sealed with the specified joint sealer.

b. Contraction joints shall be scored at intervals of three to five feet both longitudinally and transversely. For normal sidewalk work, these joints shall be installed at intervals equal to the width of the sidewalk but not less than five feet. The jointer or groover shall produce a groove 3/8 inches deep with a ¼ inch radius at the surface. The groover shall produce a smooth finished joint having a width twice that of the edging tool.

c. The edges of the sidewalk shall be finished with an approved edge not more than two inches wide with a radius of ¼ inch that leaves a smooth finished edge.

d. If shown on plans or ordered by the Town Engineer or his representative, expansion joints as described in Section 2-5 of this specification shall be placed where the sidewalk abuts concrete curb or other structure and in lieu there of the Contractor shall provide a cut joint ¼ inch wide by ½ inch deep. This joint shall be filled with the specified joint sealer.

F. Placing Concrete

a. Before concrete may be placed each section of the subgrade shall be checked for depth with a scratch template and the subgrade corrected where insufficient depth is found.

b. The subgrade shall not be frozen or muddy at the time the concrete is placed.

c. The concrete shall be placed and thoroughly compacted. It shall be screeded flush with the top of the forms. After screeding, it shall be further compacted with a wood float. The surface shall be tested with a straight edge ten feet long and all irregularities over 1/8 inch shall be immediately corrected.

d. The final finish shall be delayed sufficiently so as to allow the concrete to set to such an extent that an excess of fine material will not be worked to the top in the finishing operations. No dry cement or mixture of dry cement and sand shall be sprinkled on the surface of the top course. The surface should be left slightly roughened so as to insure the greatest safety of foothold under all weather conditions.

e. Sidewalks across driveways shall be constructed and paid for as specified under this item. Drop curbing associated with driveway apron and ramps shall be constructed and paid under Item 7.

f. Weather limitation for concrete placement shall conform to the requirements of Section 502-3.01 of the Standard Specification of the New York State Department of Transportation.

G. Curing and Protection

a. Upon stripping the side forms, the sides shall be immediately backfilled.

b. The Contractor shall protect the sidewalk and keep it in first class condition until the completion of work. Any sidewalk which is damaged at any time previous to the final acceptance of the work shall be removed and replaced with a satisfactory sidewalk at the expense of the Contractor.

c. No traffic of any kind will be permitted on the sidewalk for a period of at least five days after the sidewalk has been placed. Barricades and warning lights shall be provided by the Contractor to warn and protect the public.

d. When conditions indicate that the temperature may drop to 35 degrees or below, the Contractor shall provide insulating blankets to cover and protect all work from freezing.

e. The contractor shall remove excess materials and grade up to either side of new sidewalk.

H. Reinforcement

a. The contractor shall utilize 6x6 Welded Wire Fabric in all driveway aprons.

4. METHOD OF MEASUREMENT

A. Item 11 – Concrete Aprons

a. The quantity to be paid for shall be the number of square yards completed and measured in place and accepted in accordance with the provisions of these specifications. Where work involves piecemeal sections such as replacing deteriorated sidewalk, the measurement shall be the sum of all sections.

b. Total measurement shall be based on the total quantity of sidewalk installed for that job. A job may also include several separate locations.

B. Item 11RR – Remove and Replace Concrete Aprons

a. The quantity to be paid for shall be the number of square yards completed and measured in place and accepted in accordance with the provisions of

these specifications. Where work involves piecemeal sections such as replacing deteriorated sidewalk, the measurement shall be the sum of all sections.

5. BASIS OF PAYMENT

A. Item 11 – Concrete Aprons

a. The price bid shall include all necessary labor, equipment, machinery, aggregates, cement reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, protecting the work, and all labor, materials, tools, supplies, equipment, testing, and all incidentals necessary to complete the work as specified herein. Excavations in existing soil or grass areas is included in this section.

B. Item 11RR – Remove and Replace Concrete Aprons

a. The price bid shall include all necessary labor, equipment, machinery, aggregates, cement reinforcement, mixing, placing, screeding, finishing, curing, filling joints of all types, protecting work including all work required to remove and dispose of old sidewalk and replace with new sidewalk as specified herein.

END OF SECTION

ITEM 12 TRENCH DRAIN

1. DESCRIPTION

A. Under Item 12, the Contractor shall install a trench drain system to be integral with a new curb and sidewalk system as specified by the Engineer.

B. The Trench Drain system shall be ACO PowerDrain S100K 4" internal width trench drain or approved equal and shall be complete with gratings secured with a boltless locking mechanism supplied by the manufacturer.

2. MATERIALS

A. The trench system bodies shall be manufactured from polymer concrete with minimum properties as follows:

Compressive strength :	14,000 psi
Flexural Strength:	4,000 psi
Water Absorption	0.07%

Frost Proof
Salt Proof
Dilute Acid and Alkali resistant

B. The nominal opening shall be 4" with overall width of 6.3". Pre-cast units shall be manufactured with either an invert slope of 0.6% or with neutral invert and have a wall thickness of at least 0.67". Each unit will feature a full radius in the trench bottom and a male to female interconnecting end profile. Units shall have horizontally cast anchoring features on the outside wall to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. The stainless steel edge rail will be integrally cast by the manufacturer to ensure maximum homogeneity between polymer concrete body and edge rail. Each edge rail shall be at least 1/4" thick. Outlet system shall be a 4" round bottom.

Grates shall be pedestrian rated and shall be certified to DIN 19580 Load Class F-200,000lbs - 4,182 psi. Ductile iron to ASTM 536-84 - Grade 65-45-12. Boltless locking system. Bicycle Tire Penetration Resistant to AS3996-2006.

3. CONSTRUCTION DETAILS

A. Trench drain system shall be installed in accordance with Manufacturer's instructions for installation. The system shall be interconnected by poly pipe which will be installed and paid for under a separate line item within the award grouping.

4. METHOD OF MEASUREMENT

A. Item 12 – Trench Drain

a. The quantity to be paid for Items 12 shall be the number of linear feet completed and measured in place and accepted in accordance with the provisions of these specifications.

b. Total measurement shall be based on the total quantity of curbing installed for that job as indicated on a Town of Riverhead Purchase order.

5. BASIS OF PAYMENT

A. Item 12 – Trench Drain

a. The price bid shall include all necessary, trench drain components, grates, excavation, backfill, cement reinforcement, leveling and all labor, materials, tools, supplies, equipment, testing and all incidentals necessary to complete the work. Payment shall be made according to Item 12.

END OF SECTION

ITEM NO. 13 PIPE

1. DESCRIPTION - The work shall consist of furnishing and installing polyethylene pipe and underdrain pipe in accordance with this specification and in conformity with the lines, grades and sections shown on the plans or as directed by the Engineer.

2. MATERIALS

A. Underdrain Pipe - Shall meet the requirements of 706-18 of the New York State Department of Transportation Standard Specifications, May 1, 2008 (NYSDOT standard specifications) for 4", 6" and 8" perforated polyvinyl chloride underdrain pipe.

B. High Density Polyethylene Pipe, Fittings and Joint Performance and Materials

   a. Polyethylene pipe shall have a smooth interior and annular exterior corrugations.

   b. 4- through10-inch (100 to 250 mm) pipe shall meet AASHTO M252, Type S.

   c. 12- through 60-inch (300 to 1500 mm) pipe shall meet AASHTO M294, Type S.

3. CONSTRUCTION DETAILS – Underdrain Pipe shall be installed in accordance with 605-3 of the New York State Department of Transportation Standard Specifications, May 1, 2008 (NYSDOT standard specifications). Installation of High Density Polyethylene pipe shall comply with ASTM D2321 and manufacturer's recommended installation guidance.

4. METHOD OF MEASUREMENT - This work will be measured as the number of Linear Feet of pipe installed (Laying Length) in accordance with the Pay Items shown below. The price bid shall include the cost of all labor, equipment and materials necessary to complete the work.

5. BASIS OF PAYMENT

A. The unit price per linear foot shall include the cost of furnishing all labor, materials, and equipment necessary to complete the work including excavation, temporary sheet piling, dewatering, granular fill, backfill, and cost of water for compaction of granular fill and backfill.

B. The cost of connecting proposed pipe to existing drainage structures, including all cutting and patching, shall be included in the unit price bid for this item.

C. The cost of connecting proposed pipe to proposed drainage structures shall be included in the unit price bid for that structure.

Payment Item	Pipe Type	Pipe Diameter
13U-4”	**Underdrain**	**4”**
13U-6”	**Underdrain**	**6”**
13U-8”	**Underdrain**	**8”**
13P-4”	**High Density Polyethylene**	**4”**
13P-12”	**High Density Polyethylene**	**12”**
13P-15”	**High Density Polyethylene**	**15”**
13P-18”	**High Density Polyethylene**	**18”**
13P-24”	**High Density Polyethylene**	**24”**
13P-30”	**High Density Polyethylene**	**30”**
13P-36”	**High Density Polyethylene**	**36”**
13P-48”	**High Density Polyethylene**	**48”**

END OF SECTION

ITEM NO. 21 LEACHING POOLS

1. DESCRIPTION - Under these items the Contractor shall furnish and install leaching pools of the kind and in the quantity shown on the plans or as requested by the Town Engineer and in the itemized proposal. Work under this item includes but is not restricted to:

Furnishing footing ring, leaching ring sections, traffic bearing top slab, brick collar, and castings as shown on the plans or required.

Excavation for and installation of the required number of sections in the manner specified.

All sheeting and bracing required to protect adjacent structures and pavements and to conform to Part 23 Protection In Construction, Demolition And Excavation Operations of the New York State Industrial Code. This rule shall govern all excavation practices relative to persons working within an excavated area.

Backfilling the disturbed portion around the leaching pool to the specified grades. The backfill shall consist of bank run gravel with a maximum of 85% by weight passing the 1 ½" sieve and a maximum of 5% by weight passing the No. 40 sieve. The cost for furnishing, backfilling and compacting this material shall be included in the price bid for this item.

Disposal of excess soil.

Installing the brick collar and castings to the grade shown on the plans or required by the Engineer.

2. MATERIALS

The castings shall be of the type required by the details or ordered by the Engineer. One field coat of black asphaltic material, as approved by the Engineer, shall be applied to all exposed surfaces of the castings.

The footing ring, leaching ring sections, and top slab shall conform in all respects to material and dimensional details of Suffolk County Department of Public Works Standard Sheets for Precast Leaching Basin Types F1, F2, F3, G1, G2, and G3. They shall be constructed of concrete having a minimum strength of 4000 p.s.i, when cured and tested at 28 days in accordance with ASTM Designation; C-31 and C-39 as currently revised.

Reinforcing shall conform to the requirements of "Specifications for Welded Steel Wire Fabric for Concrete Reinforcement" ASTM Designation: A-185, as currently revised and of "Specifications for Billet-Steel Bars for Concrete Reinforcement" ASTM Designation A-615, as currently revised, for deformed steel bars intermediate grade.

3. CONSTRUCTION DETAILS

Excavation shall include the demolition of all curbs, pavement, and other structures that fall within the limits. Attention is called to Part 23 Protection In Construction, Demolition And Excavation Operations the New York State Industrial Code which shall govern all excavation practices with respect to persons working within an excavation.

The Contractor shall provide detailed designs of sheeting and bracing when working in the vicinity of buildings, structures or other superimposed loads. This information shall be provided when an influence line at 45 degrees to the horizontal drawn from the lowest point, of the closet point, of the structure intersects the proposed excavations.

The leaching pools can be excavated for and installed by techniques used in sinking caissons. If the pools cannot be sunk to the depth required, the Contractor shall excavate for and cast the remaining sections in place.

Leaching rings shall be wrapped with geotextile fabric as shown in the details.

When the hole for the leaching pool is over-excavated, the Contractor shall backfill around the structure with bank run gravel with a maximum of 85% by weight passing the 1 ½" sieve and a maximum of 5% by weight passing the No. 40 sieve. The backfill shall be placed in loose layers of not more than twenty-four (24) inches and compacted with vibratory compactors to a minimum of 95% of the maximum density of the soil. The cost of placing and compacting this material shall be included in the price bid for this item and no extra compensation will be allowed for over-excavation and backfill. The method of compaction may be varied if approved by the Engineer in writing.

Unless otherwise shown or ordered by the Engineer, the top slab shall be placed approximately twelve (12) inches below the proposed grade, a collar constructed and the castings placed.

Provisions for connections of proposed pipes shall be either made at the time of manufacture of the ring sections or they shall be made in the field. When openings are made in the field the Contractor shall cut at hole in the concrete at the proper grade and of the appropriate size to receive the connecting pipe. Reinforcing when encountered shall be cut back only as required to provide a proper bond for the new patch material. The pipe shall be set to required grade and the masonry wall shall be replaced, repaired and patched as required to provide a secure and waterproof connection. Ends of the pipe projecting into the structure shall be neatly cut off and trimmed flush with the inside face of the structure.

In addition to mechanical compaction of the subgrade, an additional method to accelerate settlement of the perimeter backfill around the pool shall be employed. This method could include but not limited to:

The perimeter backfill shall be water jetted to 1 (one) foot above subgrade prior to setting castings to their final grade. The jetting operation shall be progressed uniformly around the pool to fully consolidate the material.

The leaching pool shall be flooded with water prior to setting castings to their final grade. The volume of water required is that which shall fully consolidate the material.

Excess soil must be disposed of off site.

4. METHOD OF MEASUREMENT

The quantity to be paid for under the Pay Items shown below shall be the number of leaching pools as shown on the plans, installed and accepted in place complete with rings, footings, cover slab, collar, and castings.

Drainage Payment Items		
Payment Item	**Leaching Ring Diameter (ft.)**	**Total Leaching Ring Depth (ft.)**
21A	8	4
21B	8	8
21C	8	12
21D	10	4
21E	10	8
21F	10	12

5. BASIS OF PAYMENT

The unit price bid for these items, paid by the number of leaching pools installed, shall include the cost of all labor, materials, equipment and other incidentals required to complete the installation as specified, including rings, footing, top slab, furnishing and placing castings, painting of castings, reinforcement, sheeting and bracing, trench excavation, dewatering, geotextile wrapping, furnishing, placing and compacting backfill material, disposal of excess soil, and connecting to existing or proposed pipe.

END OF SECTION

ITEM NO. 23 CATCH BASINS

1. DESCRIPTION - Under these items the Contractor shall furnish and install catch basins of the kind and in the quantity shown on the plans or as requested by the Town Engineer and in the itemized proposal. Work under this item includes but is not restricted to:

Furnishing catch basin, top slab, brick collar, and castings as shown on the plans or required.

Excavation for and installation of the required number of sections in the manner specified.

All sheeting and bracing required to protect adjacent structures and pavements and to conform to Part 23 Protection In Construction, Demolition And Excavation Operations of the New York State Industrial Code. This rule shall govern all excavation practices relative to persons working within an excavated area.

Backfilling the disturbed portion around the catch basin to the specified grades. The backfill shall consist of bank run gravel with a maximum of 85% by weight passing the 1 ½" sieve and a maximum of 5% by weight passing the No. 40 sieve. The cost for furnishing, backfilling and compacting this material shall be included in the price bid for this item.

Installing the brick collar and castings to the grade shown on the plans or required by the Engineer.

2. MATERIALS

The castings shall be of the type required by the details or ordered by the Engineer. One field coat of black asphaltic material, as approved by the Engineer, shall be applied to all exposed surfaces of the castings.

The catch basin, and top slab shall conform in all respects to the details included in the Contract Drawings. The catch basin and top slab shall conform in all dimension and material respects to the details of Suffolk County Department of Public Works Standard Sheets for Catch Basins and Manholes for Item 102S Catch Basin Type – A, and Type – B. Catch basins shall have a depth of 5' not inclusive of the top slab. They shall be constructed of concrete having a minimum strength of 4000 p.s.i, when cured and tested at 28 days in accordance with ASTM Designation; C-31 and C-39 as currently revised.

Reinforcing shall conform to the requirements of "Specifications for Welded Steel Wire Fabric for Concrete Reinforcement" ASTM Designation: A-185, as currently revised and of "Specifications for Billet-Steel Bars for Concrete Reinforcement" ASTM Designation A-615, as currently revised, for deformed steel bars intermediate grade.

3. CONSTRUCTION DETAILS

Excavation shall include the demolition of all curbs, pavement, and other structures that fall within the limits. Attention is called to Part 23 Protection In Construction, Demolition And Excavation Operations of the New York State Industrial Code which shall govern all excavation practices with respect to persons working within an excavation.

The Contractor shall provide detailed designs of sheeting and bracing when working in the vicinity of buildings, structures or other superimposed loads. This information shall be provided when an influence line at 45 degrees to the horizontal drawn from the lowest point, of the closet point, of the structure intersects the proposed excavations.

The catch basins can be excavated for and installed by techniques used in sinking caissons. If the basins cannot be sunk to the depth required, the Contractor shall excavate for and cast the remaining sections in place.

When the hole for the catch basin is over-excavated, the Contractor shall backfill around the structure with suitable backfill material as approved by the Town Engineer. The backfill shall be placed in loose layers of not more than twenty-four (24) inches and compacted with vibratory compactors to a minimum of 95% of the maximum density of the soil. The cost of placing and compacting this material shall be included in the price bid for this item and no extra compensation will be allowed for over-excavation and backfill. The method of compaction may be varied if approved by the Engineer in writing.

Unless otherwise shown or ordered by the Engineer, the top slab shall be placed approximately twelve (12) inches below the proposed grade, a collar constructed and the castings placed.

Provisions for connections of proposed pipes shall be either made at the time of manufacture of the ring sections or they shall be made in the field. When openings are made in the field the Contractor shall cut at hole in the concrete at the proper grade and of the appropriate size to receive the connecting pipe. Reinforcing when encountered shall be cut back only as required to provide a proper bond for the new patch material. The pipe shall be set to required grade and the masonry wall shall be replaced, repaired and patched as required to provide a secure and waterproof connection. Ends of the pipe projecting into the structure shall be neatly cut off and trimmed flush with the inside face of the structure.

4. METHOD OF MEASUREMENT

The quantity to be paid for under the Pay Items shown below shall be the number of catch basins as shown on the plans, installed and accepted in place complete with rings, footings, cover slab, collar, and castings. Base bid will be based on a structure depth (not including top slab) of 5’. Depending on site conditions Item 23 (A or B) XD shall be

used to account for additional depth required as per the Town Engineer's request for utility conflict issues and shall be used as a per linear cost beyond a 5' depth.

Drainage Payment Items			
Payment Item	**CB Outer Width (ft.)**	**CB Outer Length (ft.)**	**CB Depth (ft)**
23A	3'-10 1/3"	5'-4"	5
23B	5'-4"	5-4"	5
23AXD	3'-10 1/3"	5'-4"	VF
23BXD	5'-4"	5-4"	VF

5. BASIS OF PAYMENT

The unit price bid for these items, paid by the number of catch basins installed, shall include the cost of all labor, materials, equipment and other incidentals required to complete the installation as specified, including catch basin and top slab, furnishing and placing castings, painting of castings, reinforcement, sheeting and bracing, trench excavation, dewatering, furnishing, placing and compacting backfill material, and connecting to existing or proposed pipe.

END OF SECTION

ITEM NO. 25 CASTING ADJUSTMENT

1. DESCRIPTION

Under this item, the Contractor shall adjust the frame or casting elevation up or down for each drainage basin and/or manhole as indicated on the plans or as directed by the Engineer. If necessary the supporting masonry collar shall be repaired, as directed by the Engineer.

This item shall include the removal and replacement of a ten-foot by ten-foot area of pavement, centered about the casting to be adjusted. If necessary, the grade within this area that has settled shall be raised to its original elevation prior to paving.

2. MATERIALS

Unless otherwise indicated in the plans or directed by the Engineer, the materials for repairing the existing drainage structure shall meet the requirements of Suffolk County Department of Public Work Standard Specifications for Item Nos. 100, 102AR, 102BR, 102CR or 102DR.

Castings shall be of the type as shown on the plans or as ordered by the Engineer. One field coat of black asphaltic material, as approved by the Engineer, shall be applied to all exposed surfaces of the castings.

Material to be used for backfilling settled areas to grade shall comply with Subgrade Area Material of Item 3S Excavation and Embankment.

The ten-foot square pavement patch shall consist of the following in accordance with Item No. 51 Pavement Patches:

Item No. 4-P Recycled Concrete Aggregate

Item No 50 Asphalt Top Course Type 6F

Item No. 55 Asphalt Concrete Type 1, Base Course

3. CONSTRUCTION DETAILS

The Contractor shall exercise care in adjusting the existing casting. Any part of the frame, grate or cover damaged or lost by the contractor shall be replaced by him at no additional cost to the Town. The Contractor shall remove and replace any loose or damaged brick, block or mortar immediately under the new casting so that the casting has a full and even bearing on the underlying surface. The lower limit of masonry repair shall be 12 inches below the bottom of the existing casting or the top of the structural top slab (if applicable), whichever is lower, and as directed by the Engineer.

All work shall be done in a workmanlike manner by competent masons.

Installation and compaction of Subgrade Area Material shall comply with Embankments, Subgrade Area and Compaction under Construction Details of Item 3.

Installation of the ten foot by ten foot pavement patch around the adjusted casting shall comply with the Construction Details of Item 51.

4. METHOD OF MEASUREMENT

A. Casting Adjustment - The quantity of casting adjusted to be paid for under this item will be the number of basin or manhole frames and grates adjusted.

B. Subgrade Area Material - The quantity of Subgrade Area Material to be paid for under this item will be the number of cubic yards of material measured in its final compacted position, satisfactorily placed and compacted as required by the Plans and Specification within the payment limits shown on the plans unless otherwise ordered in writing by the Engineer.

C. Pavement Patches - The quantity of Pavement Patch to be paid for shall be the actual number of square feet of pavement removed and reinstalled, per location measured in place in accordance with the Specifications. A job may also include several separate locations.

5. BASIS OF PAYMENT

A. Casting Adjustment - The unit price bid for each basin or manhole adjusted shall include the cost of furnishing all labor, materials and equipment necessary to complete the work.

B. Subgrade Area Material - The unit price bid per cubic yard for Subgrade Area Material shall include the cost of furnishing all labor, materials and equipment necessary to complete the work, including furnishing water equipment and applying water for compaction. No direct payment will be made for any losses of material which may result from shrinkage, compaction, foundation settlement, waste, overflow, erosion, leakage or any other cause; the cost of such losses shall be included in the unit price bid for this item.

C. Pavement Patches - The unit price bid for Pavement Patches shall include all labor, equipment, and material required to saw cut the patch perimeter, excavate for the placement of base course, placing of the base course and the asphalt concrete surface, fine grading, tack coating, disposal of excess materials and debris and all other incidentals required to complete the work.

D. Payment will be made under:

Item No.	Item	Pay Unit
25-C	Casting Adjustment	Each
25-S	Subgrade Area Material	Cubic Yard
25-P	10’x10’ Pavement Patch	Each

END OF SECTION

ITEM NO. 27 MANHOLES AND DROP INLETS

1. DESCRIPTION: Under this Item, the Contractor shall build and install any block construction, manhole or drop inlet constructed over existing drainage pipes. The Contractor shall build field inlets, manholes and drop inlets as shown on the plans or as directed by the Engineer. They shall be precast units built of Class A Concrete.

The Contractor shall verify the dimensions shown on the plan, by field measurements and testholes, if deemed necessary. Two copies of shop drawings for the proposed basins shall be submitted before fabrication.

2. MATERIALS -

2.1 Precast Concrete Pavers – Materials used in the manufacture of precast concrete pavers shall meet the following SCDPW Standard Specification Subsections:

Cement	M1
Concrete Sand	M3
Fine Aggregate Mortar Sand	M3A
Grout Sand	M3B
Coarse Aggregate	M4
Water	M46

NO admixtures are required. Other materials may be used in the manufacture only as approved by the Engineer.

2.2 Sampling and Testing –Precast concrete pavers produced from plants which are on the Approved Material list of the New York State Department of Transportation will be acceptable.

Property	**Requirement**
Compressive Strength, psi, Min., 28 days	8,000
24 Hour Adsorption, % Max.	5.0
Freeze-Thaw, % Loss, Maximum (25 cycles, one per day, 10% NaCl solution)	1.0

2.3 Mortar –Portland Cement Type II shall conform to the requirements of SCDPW M1, Portland Cement. Masonry Cement shall conform to ASTM C91. Sand shall conform to the requirements of SCDPW M3A, Mortar Sand.

The mortar shall be proportioned as follows:

Portland Cement Type II (Parts)	Masonry Cement (Parts)	Mortar Sand (parts)
1	1	4-1/2 to 6

All cementitous materials and aggregate shall be mixed for at least three minutes with the maximum amount of water to produce a workable consistency in a mechanical batch mixer. Hand mixing of the mortar may be permitted only for small quantities as approved by the Engineer. Mortars that have stiffened because of evaporation of water from the mortar may be re-tempered by adding water as needed to restore the required consistency. Mortars shall be used and placed in final position within 2-1/2 hours after mixing.

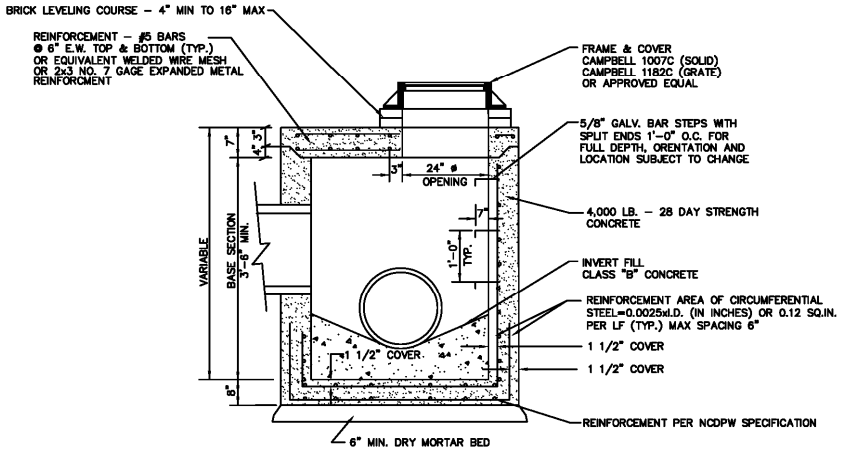
All pavers shall be laid in full mortar beds. Mortar used for filling vertical or inclined joints shall be of such consistency that it will require rodding. The mortar shall be rodded until it rises to the top and completely fills the joints.

Precast Reinforced Concrete Units shall conform to the requirements of M25A, Reinforced Concrete Pipe, except that the three edge bearing test will not be required, and those provisions of ASTM Designation C478 Precast Reinforced Concrete Manhole Risers and tops covering "Design" shall apply except as modified below.

Manhole steps shall be one of the following materials:

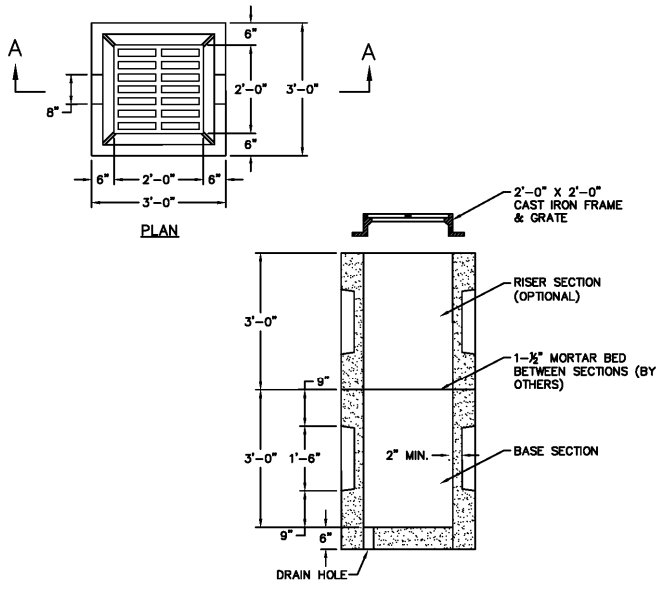
Cast Iron	-M-8, except that Class 25A will be required
Malleable Iron Castings	-M-13 Grade 35018
Wrought Iron	-M-10
Cast Aluminum	-M-7A, Alloy 356-T6
Wrought Aluminum	-M-7B, 6061-T6 or 6005
Reinforced Plastic	-M-137

Manhole steps may be cast in place, bolted or mortared in place after fabrication. Manhole steps affixed to the manhole wall after fabrication of the manhole section shall be affixed to the wall with a rapid hardening hydraulic cement meeting the requirements of SCDPW M2RH.



4' DIAMETER PRECAST DRAINAGE MANHOLE DETAIL (DMH)

NOTES:
1. MANHOLE SHALL CONFORM TO TOWN STANDARDS.
2. ALL PRECAST DRAINAGE STRUCTURES SHALL BE FURNISHED WITH PRECAST OPENINGS FOR DRAINAGE PIPE.
3. ALL DRAINAGE PIPE SHALL HAVE 2' MINIMUM COVER



AREA DRAIN DETAIL

1. ALL CONCRETE SHALL TEST 4,000 P.S.I. @ 28 DAYS
2. REINFORCEMENT MEETS A.S.T.M A–615, GRADE 60, A.S.T.M. A–185.

3. CONSTRUCTION DETAILS –

3.1 Excavation –Excavation shall be in conformance with Item No. 2 Unclassified Excavation.

3.2 Concrete Drainage Structures and Manholes –Concrete drainage structures and manholes shall be constructed in accordance with the requirements of these specifications. The Contractor shall have the option of erecting either cast-in-place or precast structures unless specified otherwise. Cast-in-place drainage structures shall be constructed of Class A concrete and to the requirements of NYSDOT Section 555 Structural Concrete.

The Contractor shall have the option of constructing either a rectangular or circular drainage structure when such option is specified and allowed in the contract documents. When the circular structure is selected, it shall conform to these specifications and will require submission of complete working drawings to the Engineer for review and approval.

3.3 Masonry Construction –Masonry construction, when indicated on the plans or standard sheets, shall consist of concrete pavers laid in full mortar beds. All joints shall be full mortar joints not greater than ½ inch wide. When specified, the outside of the masonry construction shall be plastered with ½ inch thick mortar coat.

3.4 Pipe Entries – All pipe(s) built into the wall(s) of a drainage structure shall be flush with the inside face of the drainage structure wall and shall project outside a sufficient distance to allow connection with the adjoining section. The wall knockouts and sealing the space around the pipe shall be in accordance with the standard sheets and shall sealing shall be performed on the interior and exterior surfaces of the pipe and structure. The bell of concrete pipe shall be cut off at every pipe entry where the bell enters the drainage structure.

3.5 Frames and Grates – Frames and grates shall be as specified in the contract documents. All products shall be manufactured in the United States of America. Frames located in the top slab or top of the uppermost riser shall be secured and held in place by a minimum of 4 stirrups or studs per frame, welded to the frame near the corners. Parallel bar frames shall contain shear stud anchors, for the purpose of transferring loads, as required and detailed on the standard sheet for parallel bar grates and frames. Shear stud anchors, when required shall replace the frame securing stirrups or studs.

3.6 Adjustment Rings and Frames for Drainage Structures and Manholes –Prior to the placement of the surface course and after the placement of the binder course, when required the Contractor shall install adjustment rings and frames for manholes and drainage units. The adjustment ring or frame shall be placed so the manhole cover or drainage unit grate will not protrude above the finished surface of the pavement.

To assure a firm and secure fit with the adjustment ring or frame, the seat of the existing manhole casting or drainage unit frame shall be free of all foreign material at the time of installation. The entire assembly shall be set on the seat of the existing manhole casting or drainage unit frame and the locking devices shall be tightened evenly. The manhole cover or drainage unit grate shall be set upon the seat of the adjustment right or frame.

The Contractor shall be responsible for insuring that the adjustment rings and frames are compatible with the existing manhole castings and covers or drainage frames and grates.

All rings or frames shall be protected from displacement caused by traffic maintained on the roadway or equipment used in the paving operation.

The Contractor shall have the option of removing and resetting the existing manhole casting or drainage unit frames to the required grade where shown on the plans or approved by the Engineer.

3.7 Traverse Drainage Interceptors – This work shall consist of the construction of reinforced concrete transverse drainage interceptors with frames and grates, and dowels as shown on the plans or Standard Sheets. Unless specifically designated on the plans and/or in the proposal, the Contractor shall have the option of construction cast-in-place or precast transverse drainage interceptors.

3.7.1 Cast-In-Place – Cast-in-Place transverse drainage interceptors shall conform to the requirements of NYSDOT Section 555 Structural Concrete. The cast-in-place interceptors shall be constructed so they have construction joints at a maximum spacing of 24 feet, unless the Engineer gives written directions otherwise or a longer length is specified on the plans.

3.7.2 Precast Interceptors – Precast interceptors shall be laid in reasonably close conformity to line and grade and shall have a full, firm and even bearing at each joint and along their entire length.

They shall be handled and assembled in accordance with the manufacturer's instructions. Six (6) ¼ inch thick Pre-moulded resilitient joint filler shall be placed in the joint between the units, and the lifting hole and dowels shall be grouted with material conforming to NYSDOT Section 701-04 or 701-05.

3.8 Backfill –No structure shall be backfilled until all the mortar has completely set. The requirements of Item 3S Excavation and Embankment shall apply.

4. METHOD OF MEASUREMENT – The quantity to be paid for under the Pay Items shown below shall be the number of manholes and Drop Inlets as shown on the plans, installed and accepted in place complete with rings, footings, cover slab, collar, and castings.

Payment Items		
Payment Item	**Manhole Diameter (ft.)**	**Manhole Depth**
27-MH	**4' ID**	**Base Section 3'-6"**
27-MHADX	**4' ID**	**Add. Vertical - VF**
27-DI	**2' ID**	**Base Section 3'**

5. BASIS OF PAYMENT

The unit price bid for these items, paid by the number manholes and drop inlets installed, shall include the cost of all labor, materials, equipment and other incidentals required to complete the installation as specified, including rings, bottom slab, top slab, stairs, furnishing and placing castings, painting of castings, reinforcement, sheeting and bracing, trench excavation, dewatering, placing and compacting backfill material and connecting to existing or proposed pipe.

END OF SECTION

ITEM NO. 44 ELASTOMERIC PAVEMENT CRACK SEALANT

1. DESCRIPTION - Under this item the contractor shall prepare the random pavement cracks in excess of ¼ inch and furnish and apply elastomeric sealant from an approved heating and application system in accordance with the plans or sketches or as directed by the Town Engineer or his representative.

2. MATERIALS - The rubberized asphalt dispersion shall be formulated from first grade raw materials. It shall be modified with wetting agents and other surfactants to enhance its adhesion to the walls and bottoms of the cracks or joints. The compound shall be further modified with approved mineral fillers. The material shall comply with the application specifications of ASTM D-1190 Federal Specifications SS-S-164 and Amendments. The joint sealing compound shall be composed of a mixture of materials which will from a resilient and adhesive compound and will effectively seal joints and cracks in the pavement against the infiltration of moisture throughout repeated cycles of expansion and contraction. The sealant shall not flow from the joint or be picked up by vehicle tires at an ambient temperature of 125 degrees F.

3. CONSTRUCTION DETAILS

A. General – The contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the contractor from providing this item at the discretion of the Highway Superintendent.

B. Application of Crack Sealant – All random, traverse and longitudinal cracks must be blown and heated via the hot air lance within 10 minutes of being sealed. The distance between the hot air lance and the crack sealing unit should be no more than fifty feet to eliminate reinvasion of water, debris and other incompressible as much as possible. All debris vegetation and water should be removed to enhance adhesion of the crack sealing material.

   a. Melting and Application Equipment. The melter unit shall be of the double boiler type of equipment with an agitator using high flash oil, 600 degrees F minimum as a heat transfer medium. The material kettle and oil jacket must have thermometers that have been calibrated. Heating must be thermostatically controlled to hold the desired temperature. The melting unit shall be equipped with a pump capable of circulating the material from top to bottom of the kettle. The sealing compound shall be agitated continuously during the melting and pouring process.

   b. Hot Air Lance. This equipment should operate with propane and compressed air in combination at 2,000 degrees F to 3,000 F. The lance should draw propane from smaller than a 100 pound tank. Separate hoses fro propane and air draw are required. The hoses shall be wrapped with reflectorized tape to keep them together and protect workers in low light

situations.

c. Installation of Sealant Joints should be filled to 1/8 inch to ¼ inch below the pavement surface.

4. METHOD OF MEASUREMENT – The quantity measured under this work shall be the number of pounds of sealant as specified above furnished and incorporated into the work in accordance with the specifications as directed by the Town Engineer or his representative.

5. BASIS OF PAYMENT – The unit price bid per pound for this item shall include the cost of furnishing, hauling, heating, manipulating the sealant and shall include the cost of furnishing all labor and equipment necessary to complete the work including the preparation of all cracks and joints.

END OF SECTION

ITEM NO. 46 FIBER REINFORCED POLYMER MODIFIED PAVEMENT CRACK SEALANT

1. DESCRIPTION – Under this item, the contractor shall prepare and seal all random, transverse, and longitudinal joints and cracks in accordance with the Plans or Sketches, or as directed by the Engineer.

2. MATERIALS – The joint sealing compound shall be composed of a blend of Asphalt Cement and Polyester Fiber, which will form a resilient and adhesive compound and will effectively seal joints and cracks in the pavement against the infiltration of moisture throughout repeated cycles of expansion and contraction. The sealant shall not flow from the joint or be picked up by vehicle tires at an ambient temperature of 125 degrees F.

A. Asphalt Cement – shall be NYSDOT material designation 702-0700.

B. Polyester Fiber – shall be introduced to the liquid asphalt in the mixing chamber at a rate of 5% of the total mix design or as directed by the Engineer. The fiber shall be GFC Materials type 402-1N or equivalent meeting the following specifications:

Length	0.25 in. +/-0.04
Elongation at Break	38%
Melting Point	>475 degrees F
Crimps/Inch	None
Cross Section	Round
Denier	4.5 Nominal dpf
Tensile Strength	>70,000 psi
Diameter	0.00085 in.
Specific Gravity	1.32 to 1.40

****(Pre-Packaged Block Material will not be accepted)**

3. CONSTRUCTION EQUIPMENT – The heating applicator unit shall be an insulated double boiler type with a minimum capacity of 900 gallons. It shall also be equipped with automatic thermostat controls, continual recirculation, agitation, and pressure-fed hose with wand. A “shoe” or dish style wand tip must be used to insure uniformity to band-aid type application of fiber material.

The air compressor shall be a minimum of 100 CFM emitting 75 to 150 psi pressure at the nozzle. The compressor shall be equipped with a filter trap to eliminate oil and moisture from the air line.

The hot air lance shall operate with propane and compressed air in combination at 2,000 degrees F to 3,000 degrees F. The lance shall draw propane from no smaller than a 100 pound tank; separate hoses are required for propane and air draw.

4. CONSTRUCTION DETAILS – Before any work is begun, a schedule of operations shall be submitted for the approval of the Engineer.

The pavement should be dry with ambient temperature no less than 20 degrees F and no more than 85 degrees F.

The crack sealing material shall be heated to the manufacturer's recommended application temperature (not to exceed 425 degrees F), agitated on a continual basis and kept circulating while cracks are prepared.

All debris, vegetation and water should be removed to enhance adhesion of the crack sealing material. All random, transverse and longitudinal cracks must be blown and heated via the hot air lance within ten minutes of being sealed. The distance between the hot air lance and the crack sealing unit shall not be more than seventy-five feet to eliminate reinvasion of water and debris.

The sealant shall be pumped at a temperature of 350 deg. F to 400 deg. F onto the pavement and leveled using a "shoe" attachment to form a sealant band to a width as directed by the Engineer.

4. METHOD OF MEASUREMENT – The quantity measured under this work shall be the number of lineal feet of sealant as specified above furnished and incorporated into the work in accordance the Specification and as directed by the Engineer.

5. BASIS OF PAYMENT – The unit price bid per lineal foot for this item shall include the cost of furnishing all materials, labor and equipment necessary to satisfactorily complete the work.

END OF SECTION

ITEM NO. 48 ASPHALT CONCRETE TRUING AND LEVELING COURSE

1. DESCRIPTION –Under this item the Contractor shall furnish and place a truing-up or leveling course over the existing pavement or over any surface on which it is proposed to lay a wearing course. This course shall be the minimum variable thickness of proper plant mix necessary to bring the surface of the existing pavement to the same transverse slope and longitudinal grade required for the finished pavement surface.

2. MATERIALS - The material used in this course shall be prepared in accordance with Section 403 of the NYSDOT Standard Specifications for Hot Mix Asphalt, True and Leveling Course.

3. CONSTRUCTION DETAILS - The work shall consist of removing irregularities in the old pavement, filling and patching holes, correcting variations in banked pavement, establishing pavement crowns, etc. The bituminous material shall be placed in a manner which will produce the desired result and be satisfactory to the Engineer.

The Town shall supply tools and materials to sweep proposed project site the morning of scheduled work. The existing pavement shall be tack coated under Item 53 Tack Coat prior to placing material under this item.

The provisions of the General Specifications for Bituminous Concrete shall apply. Under the heading "Compacting the Course" special attention shall be paid to compacting the thin sections before cooling.

For compacted thicknesses up to 1 ½ inches the Fine Mix shall be used. For compacted thicknesses in excess of 1 ½ inches the Coarse or Binder Mix shall be used.

The surface of the truing-up course shall be tested in the same manner as provided in the General Specifications for placing bituminous concrete except that the allowable variation from the true surface after compaction shall not exceed 3/8 of an inch. This course shall be placed at least 24 hours in advance of the time of placing any portion of the finished wearing surface.

The contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the contractor from providing this item at the discretion of the Highway Superintendent.

4. METHOD OF MEASUREMENT - The quantity to be paid for under this item shall be the number of tons of compacted material satisfactorily placed and incorporated in the completed work in accordance with the Plans, Specifications and/or as ordered by the Engineer.

5. BASIS OF PAYMENT - The price bid per ton for this item shall include all labor, materials, tools and equipment and incidentals required for the completion of work.

The Contractor will provide all trucks delivering material with extra duplicate quantity tickets, tapes, or other recorded data, which are to be turned over to the Engineer at the time of delivery. The Engineer or his representative shall sign and date the tickets for all materials delivered under this item. The Contractor and Engineer shall each retain a signed copy.

Payment for sealing and filling joints and cracks will be made under Item 46 Fiber Reinforced Polymer Modified Pavement Crack Sealant and applying tack coat will be made under Item 53 Tack Coat.

END OF SECTION

ITEM NO 50 ASPHALT TOP COURSE TYPE 6

1. DESCRIPTION – This work shall consist of the construction of a single overlay of New York State Department of Transportation (NYSDOT) Standard Specifications Asphalt Top Course Type 6 asphalt in accordance with these and noted specifications and in substantial conformance with the limits shown on the plans or established by the Town Engineer or his representative. The Contractor shall furnish and install Asphalt Top Course Type 6 to the thickness requirements as requested by the Town of Riverhead.

2. MATERIALS – Materials for Asphalt Top Course Type 6 shall meet all the requirements of the NYSDOT Standard Specifications 403-2.

3. CONSTRUCTION DETAILS – Construction of asphalt overlay shall meet the requirements of Section 403-3 of the NYSDOT Standard Specifications and detail for Item 50. Seams between existing asphalt or concrete and new asphalt shall be straight and sealed with AC.

The Contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the Contractor from providing this item at the discretion of the Highway Superintendent.

4. METHOD OF MEASUREMENT – Asphalt Top Course Type 6 shall be measured by the number of tons of compacted asphalt as determined by the Town Engineer or his representative. The contractor must supply a weight ticket from a New York State certified plant indicating job name, weight of load and total weight of job at the time that load was weighed.

5. METHOD OF PAYMENT – The unit price bid per ton for Item 50 shall include the cost of furnishing all materials including the asphalt cement and all equipment and labor necessary to complete the work. The contract shall be awarded to Item 50 depending solely on estimated asphalt tonnage as determined by the Town Engineer or his representative before commencement of work.

END OF SECTION

ITEM NO. 51 PAVEMENT PATCHES

1. DESCRIPTION

A. The work under this item includes the replacement of failed pavement with: 4-1/2" Asphalt Concrete Type 1-Base Course for residential roads and 6" base course for commercial roads; 2-1/2" Asphalt Binder Course Type 3; and 4-1/2" Asphalt Top Course Type 6 for residential roads and 6" top course for commercial roads. The work shall be done in accordance with the Specifications and as directed by the Engineer. Some areas of failed pavement may be as small as five feet by five feet. Item 51 is also responsible for asphalt restoration along new curb or utility installation.

2. MATERIALS

A. Item No. 55 Asphaltic Concrete Type 1-Base Course.

B. Item No. 52 Asphaltic Concrete Binder Course Type 3

C. Item No. 50 Asphaltic Concrete Top Course Type 6

D. Item No. 53 Tack Coat

3. CONSTRUCTION DETAILS

A. The outline of the failed pavement area shall be cut at the locations directed by the Engineer. The outline shall be rectangular with two of the sides at right angles to the direction of traffic. Edge between existing and removed asphalt shall be cut to provide a clean uniform edge.

B. The existing pavement, base and subgrade will be excavated to the depth required for the proposed base, binder course and top course. Any additional excavation to remove unsuitable subgrade soils or additional thickness due to existing pavement construction shall be performed at the direction of the Engineer.

C. All excess material must be removed immediately from the project limits.

D. The base material shall be placed on a prepared subgrade and compacted to a minimum dry density of not less than 95% of maximum dry density as determined by ASTM D-1557.

E. A tack coat, meeting the requirements of Item No. 53., shall be applied to the vertical faces of the excavation.

F. Open, unattended excavation for the base course shall not be permitted. The excavation, backfilling, grading, and placement of asphalt surface shall be

completed in the same day.

G. Seam between new and existing asphalt surface shall be sealed with “AC”.

H. The contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the contractor from providing this item at the discretion of the Highway Superintendent.

4. METHOD OF MEASUREMENT

The quantity to be paid for shall be the actual number of square feet of pavement repaired, per location measured in place in accordance with the Specifications. A job may also include several separate locations.

5. BASIS OF PAYMENT

The unit price bid for this item shall include all labor, equipment, and material required to saw cut the patch perimeter, excavate for the placement of base course, placing of the base course and the asphalt concrete surface, fine grading, tack coating, disposal of excess materials and debris and all other incidentals required to complete the work.

END OF SECTION

ITEM NO 52 ASPHALT BINDER COURSE TYPE 3

1. DESCRIPTION – The binder course shall be constructed of an asphaltic concrete mixture two and one-half (2 1/2) inches in thickness (after compaction). The asphaltic concrete mixture is to be composed of local aggregate and asphalt cement.

2. MATERIALS – The aggregates shall be local sand and gravel, pit run, passing the three-fourths (3/4) inch screen with filler added. The finished stabilized mixture shall conform to the requirements of these Specifications. The aggregates shall be free from clay balls and adherent films of clay or other matter that will prevent a thorough coating of the particles with the asphaltic cement. The filler material shall consist of selected local fine and, clay or silt of such gradation and proportion that when combined with the local sand and gravel, the final mixture shall conform with the requirements of the final mix. The asphaltic cement used in the bituminous mixture shall conform to the requirements for New York State Department of Transportation Standard Specification for Asphalt Cement, viscosity grade AC-20. The materials in the finished asphalt concrete binder course mixture when tested dry with U. S. Standard sieves dry analysis shall be combined in such proportions that they shall show the following composition:

Sieve Size	Percent Passing
¾" square	100
No. 4	75-90
No. 10	50-75
No. 40	25-50
No. 80	12-20
No. 200	4-12
Asphalt Cement (% of mix)	6-8

The mixture shall be produced in a plant meeting the requirements of Section 401-3.02 New York State Department of Transportation Standard Specifications.

3. CONSTRUCTION DETAILS – The asphalt concrete binder course shall be placed on an approved base or subgrade which is true to line and grade. The material shall be uniformly spread with a mechanical spreader. The temperature of the material, when placed shall not be less than two hundred five degrees Fahrenheit (205 F). Rolling shall take place immediately after placing and shall continue until satisfactory compaction has been achieved. The roller shall have a minimum weight of ten (10) tons. Hand tamping or mechanical compacting equipment shall be used on all areas inaccessible to rollers.

The Contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the Contractor from providing this item at the discretion of the Highway Superintendent.

4. METHOD OF MEASUREMENT – Asphalt Binder Course Type 3 shall be measured by the number of tons of compacted asphalt as determined by the Town Engineer or his representative. The contractor must supply a weight ticket from a New York State certified plant indicating job name, weight of load and total weight of job at the time that load was weighed.

5. METHOD OF PAYMENT – The unit price bid per ton for Item 52 shall include the cost of furnishing all materials including the asphalt cement and all equipment and labor necessary to complete the work. The contract shall be awarded to Item 52 depending solely on estimated asphalt tonnage as determined by the Town Engineer or his representative before commencement of work.

END OF SECTION

ITEM NO. 53 TACK COAT

1. DESCRIPTION

A. This work shall consist of preparing and treating an existing portland cement concrete surface or hot mix asphalt surface, excluding the surface of permeable base material with tack coat in accordance with the contract drawings and as directed by the Engineer.

2. MATERIALS

B. The tack coat shall meet the requirements of Table 702-10 Tack Coat of the New York State Department of Transportation (NYSDOT) Standard Specifications (SS), May 1, 2008 or latest version. Rapid setting emulsions modified with chemical additives for fast breaking may be used as a tack coat at no additional cost to the state. Requests made to the Engineer to use these chemically modified rapid setting tack coats shall be done a minimum of 14 days prior to use.

3. CONSTRUCTION DETAILS

A. Equipment.

a. A distributor shall be used for applying tack coat. The distributor shall be capable of applying the tack coat uniformly on variable widths of surface up to 15 feet, with uniform pressure, and with an allowable variation from any specified rate detailed in Table 407-1 Tack Coat of the NYSDOT SS Application Rates not exceeding 0.02 to 0.03 gallons per square yard. Distributor equipment shall include a quantity measuring system and a thermometer for measuring temperature of tank contents. This equipment shall be calibrated within the last 12 months in accordance with ASTM D 2995 Standard Practice for Estimating Application Rate of Bituminous Distributors. A copy of the signed and dated calibration certification detailing the equipment by its serial number or other unique identifier shall be given to the Engineer prior to use.

b. Distributors shall be equipped with a power unit for the pump and full circulation spray bars shall be adjustable both laterally and vertically. An attached bristle broom designed such that it drags on the pavement behind the spray bars may be attached to the distributor. If the broom is used, it shall be adjustable laterally and vertically so that the full width of the applied tack coat is bristled uniformly into the pavement surface.

c. A bituminous material sampling valve shall be attached to the distributor. When samples are taken through such valves, they shall be considered representative of all material in the distributor tank. The distributor tank will be equipped with an agitator that is capable of ensuring the emulsion

is homogenous. It is preferred that the asphalt emulsion stored in the distributor tank be heated and maintained at a temperature range between 85ºF and 160ºF.

d. Smaller hand operated power spray units will be permitted only in areas where the use of a distributor is impractical.

e. The Engineer will determine the final acceptance of all equipment used for applying the tack coat.

B. Application of Emulsion Material.

a. The asphalt emulsion contained in the distributor tank shall be homogenous. Emulsified asphalts held in storage tanks, drums, or distributors for long periods are subject to settlement. The asphalt emulsion shall be sufficiently agitated or circulated to ensure a homogenous emulsion prior to sampling or application. The tack coat shall be applied to a prepared clean pavement and in a manner to offer the least inconvenience to traffic and to reduce pickup or tracking of the bituminous material. Upon application the material shall be as uniformly spread across the width of the designated area.

b. The tack coat shall not be applied on a wet pavement surface or when the pavement surface temperature is below the temperature requirements outlined in Table 402-2 Temperature and Seasonal Requirements of the NYSDOT SS. The Engineer will approve the temperature and areas to be tack coated prior to application. To avoid "boil-off" of the water, the asphalt emulsion shall not be heated above 195ºF. The application rate shall be as determined in Table 407-1 of the NYSDOT SS. These are recommended application rates for tack coat on various surfaces types and may be modified by the Engineer based on prior experience.

TABLE 407-1 TACK COAT APPLICATION RATES	
Surface Type	**Application Rate (gallons per square yard)**
New Hot Mix Asphalt	0.03 - 0.04
Milled Surfaces and Existing Hot Mix Asphalt	0.05 - 0.06
Portland Cement Concrete	0.05 - 0.06
Vertical Surfaces (curbs, drainage structures, and appurtenances)	0.06 - 0.07

4. METHOD OF MEASUREMENT

A. The quantity to be measured for payment will be in gallons of asphalt emulsion for tack coat measured at 60ºF to the nearest gallon. The following formula will be used to calculate material quantity at 60ºF:
Volume60ºF = VolumeD x [1 - (ΔT x 0.00045)]
ΔT = Delivered Temperature (ºF) - 60
VolumeD = Quantity Delivered (gallons)

5. BASIS OF PAYMENT

A. The unit price bid per gallon for tack coat shall include the cost of all labor, materials, and equipment necessary to satisfactorily complete the work.

END OF SECTION

ITEM NO. 55 ASPHALT CONCRETE TYPE 1, BASE COURSE

1. DESCRIPTION – Under this item, the contractor shall furnish and construct a Asphalt Concrete Type 1, Base Course to conform with the details as ordered by the Town Engineer or his representative or as shown in the typical sections on the contract plans and in accordance with the New York State Department of Transportation (NYSDOT) Standard Specifications.

2. MATERIALS - The materials shall conform to section 403-02 of the NYSDOT Standard Specifications.

3. CONSTRUCTION DETAILS

A. The construction details shall conform to section 403-03 of the NYSDOT Standard Specifications.

B. The contractor shall be responsible for providing maintenance and protection of vehicular and pedestrian traffic associated with this work. Cost included in the price bid.

C. The contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the contractor from providing this item at the discretion of the Highway Superintendent.

4. METHOD OF MEASUREMENT – The quantity to be paid for under this item will be the number of tons of material placed and compacted in accordance with the specifications and orders of the Town Engineer or his representative.

5. METHOD OF PAYMENT – The unit price bid per ton for this item shall include the cost of furnishing all labor, materials and equipment necessary to complete the work, including bitumen, mixing, transporting, placing and rolling.

END OF SECTION

ITEM NO. 57 ASPHALT EMULSIONS

1. DESCRIPTION – Under this Item the Contractor shall furnish and place the required quantity of asphalt emulsion, as determined by the job mix formula, which will be incorporated into the recycled asphalt/aggregate material in order to form the stabilized mixed-in-place recycled base course.

2. MATERIALS – The emulsified asphalt furnished shall meet the requirements of Grades CSS-1, CSS-1h, SS-1 or SS-1h as it is described in the NYSDOT Standard Specifications. This will be determined by the job mix formula. The Contractor shall furnish a certified statement from the manufacturer giving analysis of the base asphalt used in the manufacture of the emulsion. The statement shall also certify that the material represented is a true emulsion, passing all the requirements of ASTM and AASHTO tests for the emulsion furnished.

3. CONSTRUCTION DETAILS - The contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the contractor from providing this item at the discretion of the Highway Superintendent.

4. METHOD OF MEASUREMENT – The quantity to be paid for under this item shall be the number of measured gallons of emulsified asphalt determined by the temperature, volume corrections actually furnished, placed and incorporated into the recycled base course. The quantity to be paid for shall not exceed the theoretical yield by more than 5 percent (5%). The number of gallons shall be determined from the original ticket gross weight of the tanker minus the return ticket gross weight after the tanker returned to its terminal and prior to being refilled.

5. METHOD OF PAYMENT – The unit price bid per gallon for this Item shall include the cost of all labor, materials, tools and equipment necessary to furnish and place the required quantity of asphalt emulsion which will be incorporated into the recycled asphalt/aggregate material.

The contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the contractor from providing this item at the discretion of the Highway Superintendent.

END OF SECTION

ITEM NO. 59 COLD MILLING, SHAPING AND REMOVAL OF BITUMINOUS CONCRETE PAVEMENT

1. DESCRIPTION – This work shall consist of the milling, shaping and removal of portions of existing pavement surfaces by a cold milling process, utilizing equipment and procedures meeting the requirements in this specification. All material removed during this milling process, including any foreign debris existing within or on the pavement, shall be disposed of by the Contractor.

2. MATERIALS - Not specified.

3. EQUIPMENT - The milling machine shall be designed and built for milling pavements. It shall reach the depth desired in as many passes as necessary and shall produce a milled surface free from gouges or ridges deeper or higher than 3/8 inches.

The machine shall be equipped with a means to control dust and other particulate matter created by the cutting action.

The milled material shall be picked up and removed in any manner chosen by the Contractor that does not produce any objectionable dust.

The milling machine shall be capable of producing a finished profile and cross slope within 1/4 inch of the referenced elevation as directed by the Engineer.

4. CONSTRUCTION DETAILS - The cold milling of the existing pavement shall produce a reasonably smooth surface. In the event the entire pavement width has not been milled to flush surface by the end of a work period resulting in a vertical or near vertical longitudinal face exceeding 1-1/4 inches in height, this longitudinal face shall be sloped in a manner acceptable to the Engineer so as not to create a hazard to traffic using the facility during periods when construction is not in progress. Transverse faces that are present at the end of a working period shall be tapered in a manner approved by the Engineer. Areas not accessible to the milling machine such as around and/or adjacent to inlets, manholes, curbs and transverse joints on structures, may be removed and shaped by handwork or other methods approved by the Engineer.

The milled material including that removed by other means shall be immediately removed from the roadway surface. The milled material shall become the property of the Contractor and disposed of by him. When working adjacent to traffic, the Contractor shall immediately remove material that is spilled on the traveled way.

The milling operation shall be performed in such a manner that the milled area shall be immediately cleaned of all loose material and dust, without producing objectionable dust, prior to opening to traffic. Any milled material that becomes

wet and/or is not picked up by the equipment shall be removed by the Contractor before milling continues.

The contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the contractor from providing this item at the discretion of the Highway Superintendent.

5. METHOD OF MEASUREMENT - The quantity shall be measured as the number of square yards of pavement surface milled in accordance with this specification. In no case will a deduction in area be made for minor un-milled areas due to catch basins, manholes, transverse joints, or minor low areas in pavements from the measured surface area that has been milled. Minor un-milled or low areas are those areas of 10 square yards or less.

6. BASIS OF PAYMENT - The unit price bid per square yard shall include the cost of furnishing all labor and equipment necessary to complete the milling including the removal of pavement by other means, the removal and disposal of milled material, the removal and hauling of milled material to a designated storage area when indicated on the plans or proposal and cleaning the resultant surface after milling.

END OF SECTION

ITEM NO. 70 ASPHALT PRICE ADJUSTMENT

1. DESCRIPTION – This item will provide for additional compensation to or repayment by the contractor for increases or decreases in the price of asphalt throughout the life of the contract. This adjustment will be computed within the prescribed conditions and in conformance with the written procedures of the New York State Department of Transportation (NYSDOT).

A. Eligible Items: Asphalt price adjustments will be determined for eligible items listed elsewhere in this proposal. No adjustment will be provided for any new items incorporated into the work by orders-on-contract or those items paid for under force account or agreed unit prices. In addition, work ordered by the Town Engineer and performed by the contractor at his own expense will not be eligible for asphalt price adjustment.

B. Method of Computation:

1. The quantity of asphalt (tons) considered for adjustment will be determined by multiplying the quantity of eligible items placed by their conversion factor (see asphalt price adjustment in the special note section).

2. Asphalt price adjustment will be based on the following formulas:

a. When price increases:

Total Price Adjustment = quantity of Asp. x (Average Posted Price – (Index Price + $10.00))
Additional Price Per Ton = Total Price Adjustment / Quantity of Asphalt Placed

b. When prices decreases:

Total Price Adjustment = quantity of Asp. x (Average Posted Price – (Index Price - $10.00))
Reduced Price Per Ton = Total Price Adjustment / Quantity of Asphalt Placed

The Index Price and the Average Posted Price are defined as follows:

c. Index Price: A fixed price per ton of asphalt.

The price is used solely as a base from which to compute asphalt price adjustment. Its dollar amount is specified in the asphalt price adjustment note.

d. Average Posted Price: The average FOB terminal price for AC-20 asphalt cement or approved equal, without anti-stripping agent, at the following locations as determined by the NYSDOT on a regular basis:

ATLANTIC – Three Rivers, NY and Philadelphia, PA
CHEVRON – Troy, NY and Perth Amboy, NJ
MARATHON – Tonowanda, NY
EXXON – Bayonne and Linden, NJ and Three Rivers, NY
CIBRO – Albany, NY

The asphalt price adjustment will be based solely on the price changes for asphalt as determined by the above formulas. No consideration will be given to the situations where an individual supplier's price exceeds the Average Posted Price nor shall an adjustment be made unless the Average Posted Price is either $10.00 greater than or less than the Index Price.

- Atlantic Refining and Marketing

2. MATERIALS: None Specified

3. CONSTRUCTION DETAILS: None Specified

4. METHOD OF MEASUREMENT – The material eligible for the Asphalt Price Adjustment shall be based on the actual tons eligible under this specification and placed.

5. BASIS OF PAYMENT – the actual asphalt price adjustment will be based on the method of computation previously described in this specification. No adjustments, either positive or negative, will be made until payment of the final estimate, except that if the accumulated adjustment amount exceeds $5,000 adjustments will be included in progress estimates.

The adjustment will be based on the quantity of eligible items placed and the Average Posted Price in effect at the time of placement. For the purpose of calculating asphalt price adjustment, the Average Posted Price will be the monthly price published by the NYSDOT.

If eligible asphalt calculated for an item is based on estimated quantities for that item and an adjustment to the total item quantity is made in a subsequent or final estimate, an appropriate addition or deduction shall be made to the asphalt price adjustment previously calculated. The addition or deduction shall be based on the same Average Posted Price as was sued to calculate the estimated item quantity which is being revised. If the placement dates of the adjusted quantity cannot be determined, the addition or deduction shall be based on the Average Posted Price in effect during the last month in which any portion of the estimated item quantity was placed.

If eligible items are placed after the schedule contract completion date specified in this proposal and during which time there are assessed engineering charges and/or liquidated damages, the Average Posted Price used to compute the asphalt price adjustment shall not exceed, but may be less than, the Average Posted Price in effect on the original schedule contract completion date or on the completion date or the last extension without assessed

engineering charges whichever is later. If the contract completion date is extended without the assessment of engineering charges, asphalt price adjustments for items during such extension shall be based on the appropriate updated Average Posted Price.

ASPHALT PRICE ADJUSTMENT

The index price which shall apply to the contract shall be $586.00/ton as posted on the NYSDOT web site (https://www.dot.ny.gov/main/business-center/contractors/construction-division/fuel-asphalt-steel-price-adjustments) for NYSDOT Average Posted Prices for Asphalt (Performance Graded Binder), February 2015.

SPECIAL NOTES SECTION

ITEMS ELIGIBLE FOR ASPHALT PRICE ADJUSTMENT

An asphalt price adjustment shall apply only to the following items for each work order of a minimum of 1 tons issued under this letting and subsequent notice of awards.

Item	Conversion Factor
Bituminous Stabilized Course	.065 t PGB/cy
Asphalt Concrete Type 1, Base Course	.05 t PGB/t
Asphalt Concrete Type 3, Binder Course	.055 t PGB/t
Asphalt Concrete Type 6, Top Course	.062 t PGB/t
Tack Coat	.0012 t PGB/gal
Asphalt Emulsions, Grades CSS-1, CSS-1h, SS-1 and SS-1h	.0022 t PGB/gal
Miscellaneous Asphalt	.0040 t PGB/gal
Asphaltic Sealants (ASTM 6690)	.00272 t PGB/gal

PGB=Performance Grade Binder

END OF SECTION

ITEM NO. 74 PAINTED LINES

1. DESCRIPTION – Under this item, the Contractor shall furnish and apply white or yellow painted lines (4" wide) in patterns and locations indicated on the plans and in accordance with these specifications, or as directed by the Engineer.

2. MATERIALS AND CONSTRUCTION DETAILS – Construction methods and materials shall conform to the applicable requirements of Section 640-Reflectorized Pavement Marking Paints of the New York State Department of Transportation Standard Specifications, latest revision.

4. METHOD OF MEASUREMENT – The quantity to be paid for under this item will be the number of linear feet of 4" wide painted lines applied in accordance with specifications.

5. BASIS OF PAYMENT – The unit price bid per foot for this item shall include the cost of furnishing all materials including the bitumen, the mixing, transporting, placing, rolling and all labor and equipment necessary to complete the work.

END OF SECTION

ITEM NO. 100 BITUMINOUS SURFACE TREATMENT

1. DESCRIPTION – This work shall consist of the construction of a single or double course of bituminous surface treatment in accordance to these specifications and Section 410 in the Standard Specification of the New York State Department of Transportation.

2. MATERIALS – The materials required for the surface treatment shall meet the requirements of Section 410-2 Bituminous Materials in the Standard Specifications of the New York State Department of Transportation (NYSDOT).

3. CONSTRUCTION DETAILS

A. Weather Limitations – Bituminous material shall not be applied on a wet surface, when the air temperature is less than 50 degrees F or greater than 95 Degrees F. unless permitted by the town Engineer or his representative.

B. Equipment – A bituminous material distributor shall be so designed, equipped, maintained and operated so that the bituminous material at even heat can be applied uniformly at controlled rates from 0.05 to 2.0 gallons per square yard with uniform pressure. Distributor equipment shall include tachometer, accurate volume measuring device or calibrated tank and a thermometer for measuring the temperature of tank contents. The aggregate spreader shall produce a uniform spread of aggregate between the rand of 10 to 50 pound per square yard.

C. Preparation of Surface – The surface shall be free from irregularities to provide a reasonably smooth and uniform surface. Unstable corrugated surfaces shall be removed and replaced. A power broom shall be used to clean any loose material from surface before treatment. Manhole covers, and inlets shall be protected against treatment.

D. Applying Material – Bituminous material shall be applied by means of a pressure distributor in a uniform, continuous spread over the section to be treated. The quantity shall be in a range of 0.25 to 0.40 gallons per square yard unless otherwise directed. Immediately following application of the bituminous material, cover aggregate shall be spread in the range of 15 to 25 pounds per square yard for the indicated aggregate unless otherwise directed by the Town Engineer of his representative. After cover aggregate is applied, any deficient areas shall be covered with additional aggregate. Pneumatic tire rolling shall begin immediately until complete coverage is achieved a minimum of three times.

E. Opening to traffic – Unless otherwise specified, the highway shall be kept open to traffic at all times. Traffic shall be discontinued on the lane being surface treated until determined by the Town Engineer or his representative.

F. The contractor shall provide this item to the Town in accordance with a schedule

specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the contractor from providing this item at the discretion of the Highway Superintendent.

4. **METHOD OF MEASUREMENT** – Bituminous surface treatment will be measured by the number of square yards of compacted material in place per course making not deductions for minor untreated areas such as catch basins and manholes. The bituminous material will be measured by the number of gallons used.

5. **BASIS OF PAYMENT** – The unit price per square yard shall include the cost of furnishing the bituminous material, aggregate, all labor and all equipment necessary to complete the work.

END OF SECTION

ITEM NO. 104 ASPHALT EMULSION SLURRY

1. DESCRIPTION – The work covered by this specification consists of furnishing all material, labor, equipment and labor in performing all operations necessary in connection with application of slurry seal surface on the designated area in complete and strict accordance with the specifications.

2. MATERIALS – The asphalt emulsion shall be SS-1, SS-1h, CSS-1 or CSS-1h as Polymer-Modified Asphalt Emulsions in accordance with 618-2 of the New York State Department of Transportation Standard Specifications (grade specified by the Town Engineer or his representative). The contractor shall be equipped to prevent water from entering the emulsion. The contractor shall be provided if necessary to prevent freezing. Mineral aggregate shall consist of natural or manufactured crushed stone or slag. The aggregate shall be clean and free from organic matter.

3. CONSTRUCTION – The asphalt emulsion slurry treatment shall not be applied if either the pavement or the air temperature is 55 degrees or below and falling. The mixture should not be applied if high relative humidity prolongs the curing time beyond a reasonable time as determined by the Town Engineer or his representative. At least three days prior to the start of slurry application of job mix formula for the slurry mixture shall be submitted to the Town Engineer or his representative for approval. No slurry shall be applied until such approval is received in writing from the Town Engineer or his representative. The job mix formula shall include the following:

1. Sieve analysis of aggregate used.
2. Percent and type of mineral filler.
3. Percent water.
4. Percent of asphalt emulsion.
5. Unit weight of dry aggregate both loose and compacted.
6. Sample mixes should be evaluated as to their setting time, mixing characteristics, resistance to rain and abrasion. The results of wet track abrasion should be included.
7. Observed effects of moisture content on the specific weights of the test aggregate.

The amount of asphalt emulsion to be blended with the aggregate shall be that as determined by the laboratory report after final adjustments in the field. A minimum amount of water shall be added a necessary to obtain a fluid mixture. The rate of application shall be a minimum of ten pounds per square yard, but not greater than fifteen pounds per square yard. The rate shall be based on dry aggregate weight for normal aggregates. The Town Engineer or his representative shall give final approval to the design and rate of application used. Immediately prior to the application of the tack coat or the slurry seal, the surface of the pavement and all crack faces shall be wetted thoroughly with water. All surfaces shall be in a uniformly damp condition and no free water will be allowed on the surface of in the cracks when the tack coat or a slurry seal is applied. On old dry bituminous pavements a tack coat shall be applied. The slurry seal mixture shall be prepared in a slurry mixer. The mixer shall be charged with materials in

the proportions specified in the following order: water, aggregate, and asphalt emulsion. The mixing cycle shall be sufficient to produce a uniform coating of the aggregate. It shall be continued until the slurry mixture is discharged into the spreader box. The spreader box for placing the slurry mixture shall be towed by or be an integral part of the mixer truck and capable of maintaining a uniform speed. The slurry mixture shall be chuted into the moving spreader box at a sufficient rate to maintain an ample supply of the mixture across the full width of the strike-off squeegee at all times.

The contractor shall provide this item to the Town in accordance with a schedule specified by the Superintendant of Highways. Significant deviation from this schedule may cause disqualification of the contractor from providing this item at the discretion of the Highway Superintendent.

4. METHOD OF MEASUREMENT – Asphalt emulsion slurry will be measured by the number of square yards of material in place making no deductions for minor untreated areas such as catch basins and manholes.

5. BASIS OF PAYMENT – The unit price per square yard shall include the cost of furnishing and installing the emulsion slurry, all labor, and all equipment necessary to complete the work.

END OF SECTION

ITEM NO. 106 LATEX MODIFIED SURFACE TREATMENT

1. DESCRIPTION – The work covered by this specification consist of furnishing all material, labor, equipment and labor in performing all operations necessary in connection with application of a latex modified asphalt pavement course on the designated area in complete and strict accordance with the specifications. Contractors are required to submit the following information with bids.

A. A letter of availability
B. A typical analysis of Ralumac Emulsion
C. A certified mix design from Koch Materials, Inc.

2. MATERIALS – The asphalt emulsion shall be produced by Koch Materials, Inc. or equal and meet the following requirements:

Viscosity, Saybolt Furol @ 77 Seconds	20-100
Storage Stability Test, 1 Day	1.0
Particle Charge	Positive
Sieve %	0.1%
Residue by distillation, %	62
Mixing Test (a)	
Breaking Time (sec)	40-120
Set Time (min)	10
Set/Cure Direction	Bottom to Top
Cohesion (Min)	20
% Polymer (b)	3.0
Test on residue from distillation @ 350 F	
Penetration, 77 F 100g 5 sec	40-80
Ductility, 77 f 5cm/min.cm	60
Absolute viscosity @ 140 F-Poise	8000
Solubility in trichloroethylene	97.5
Softening Point, night & ball, F	140

All mixing tests shall be performed using approved job aggregate and materials. Polymers shall not be post added to the finished emulsion. All polymers shall be incorporated during the milling process at the producer's manufacturing facility. AASHTO T 59 modified to maintain a 350 F +/- 10 F Maximum temperatures for 15 minutes.

The asphalt emulsion shall meet the requirements of the department's specification. The contractor shall be equipped to prevent water from entering the emulsion. The contractor shall be equipped to prevent water from entering the emulsion. Suitable heat shall be provided if necessary to prevent freezing. Mineral aggregate shall consist of natural or manufactured crushed stone or slag.

The aggregate shall be clean and free from organic matter. The combined aggregate and mineral filler shall have a sand, slag, crushed fines, crushed stone. Sand or less than 1.25% water absorption, as tested by ASTM C-128 shall not exceed 50% of total aggregate. Sand shall exhibit an equivalent value sixty-five or more when tested in accordance with ASTM D-2419.

The aggregate shall have a weighted loss of not more than 15% when the sodium sulfate test is used or 20% when the magnesium sulfate test is used.

The aggregate wear, from resistance to abrasion, shall be a maximum of 35% when tested in accordance with ASTM C-131.

Water shall be portable and free of salts.

Before work beings the contractor shall submit a signed mix design report covering the specific materials to be used on the project. This design shall be performed by the emulsion producer. Once the materials are approved, no substitutions will be permitted unless first tested and approved by emulsion producer and the Town Engineer or his representative.

Koch Materials, Inc. shall develop the job mix design and present certified test results for the Town Engineer's approval. Compatibility of the aggregate and emulsion shall be verified by Marshall Stability of 1,800 pounds and a flow of 6 to 16 units when tested according to ASTM 1559 or AASHTO 2450 procedure. All representatives of material proposed by the contractor for use on the project.

The component materials shall be within the following limits:

Residual Asphalt	-5% to 9% by dry weight of asphalt
Mineral Additive	-0.5% to 3% by dry weight of aggregate
Latex Modifier	-minimum 3% by weight of asphalt cement
Field Control Additive	-as required to provide specified properties
Water	-as required to provide specified consistency

Aggregate Size

Sieve Size	**% Passing**
3/8"	100
No. 4	90-100
No. 8	65-90
No. 16	40-65
No. 30	25-45
No. 60	15-30
No. 100	10-21
No. 200	513

Submittals: Letter of availability, typical analysis of Ralumac emulsion and certified mix design from Koch Materials, Inc.

3. CONSTRUCTION

A. All equipment, tools and machines used in the performance of this work shall be maintained in satisfactory working order at all times. Descriptive information on the mixing and application equipment to be used shall be submitted for approval not less than ten days before work starts.

B. Mixing equipment shall be a continuous flow mixing unit able to accurately deliver and proportion the aggregate, emulsified revolving multi-blade mixer and discharge the thoroughly mixed product on a continuous flow basis. The machine shall have sufficient storage capacity for aggregate, emulsified asphalt, adequate supply to the proportioning controls.

C. Proportioning devices shall proportion each material to be added to the mix calibrated and properly marked. They shall be accessible for ready calibration and be quipped with a revolution counter or similar device so that the Town Engineer or his representative may determine the amount of each material.

D. Emulsion pump shall be a heated positive displacement type.

E. Spreading equipment shall be a mechanical squeegee type box, equipped with paddles to agitate and spread the materials throughout the box. The equipment shall provide sufficient turbulence to prevent the mix from setting in the box or causing excessive side buildup lumps. Flexible seals shall be in contact with the road to prevent loss of mixture from the box. The rear seal shall act as a final strike off and shall be adjustable. The contractor shall operate the spreading equipment in such a manner to prevent the loss of mixture on super elevated curves. The mixture shall be spread to fill cracks and minor surface irregularities and leave a uniform skid-resistant surface without causing skips, lumps or tears in the finished surface.

F. The roller if required shall be a self propelled, 10 ton pneumatic tire roller capable of exerting a contact pressure during rolling of 50 pounds per square inch.

G. Other tools such as brushes, squeegees, hoses, tank trucks, blowers, barricades, etc. shall be provided by the contractor.

H. Each mixing unit shall be calibrated in the presence of the Town Engineer previous calibration documentation covering the exact materials to be used may be acceptable provided they were made during the calendar year.

I. The material shall be spread only when the road surface and atmospheric temperatures are at least 45 degrees F and rising and the weather is not foggy or rainy and there is no forecast of temperatures below 32 degrees F within 48 hours from the

time of placement of the mixture.

J. The area to be surfaced shall be thoroughly cleaned of vegetation, loose aggregate, dirt, grease, oil or any other objectionable surface film. Manholes, valve boxes and other service entrances will be protected from surfacing materials. This work shall be performed by others.

K. Cracks in the surface shall be sealed with a crack sealer prior to the resurface operation. This work shall be performed by others.

L. The finished surface shall present a uniform and skid resistant texture satisfactory to the Town Engineer or his representative.

M. The contract shall permit the Town Engineer to take samples of the aggregate and asphalt emulsion for testing. If any two successive tests fail, the job shall be stopped, the contractor shall bear cost of test and the contractor shall bear the cost of inadequate work already in place.

N. The contractor shall be responsible for providing maintenance and protection of vehicular and pedestrian traffic associated with this work.

4. METHOD OF MEASUREMENT – The quantity to be paid for under this item shall be the number of square yards of pavement covered in accordance with the specification.

5. BASIS OF PAYMENT – Payment shall be made at the contract unit price per square yard for Item 106. The price shall be full compensation for furnishing all materials, for preparing, mixing and applying these materials, traffic control and all labor, equipment, tools and incidentals necessary to complete the work under Item 106.

END OF SECTION

ITEM NO. 108 VINYL COATED CHAIN LINK FENCING

1. DESCRIPTION - Under this item the Contractor shall furnish and erect chain link fencing with vinyl-clad galvanized steel fabric and galvanized standard full-weight steel posts embedded in concrete footings. The fencing shall be of four, six or eight foot height in the size and the location shown on the plans or ordered by the Engineer.

2. MATERIALS

A. Fence fabric shall be black vinyl-clad galvanized open hearth steel wire of No. 9 gauge core, coated to 6 gauge having a minimum tensile strength of 70,00 lbs. per square inch helically woven in a two (2) inch chain link diamond pattern. The fabric shall meet the minimum requirements of AASHTO M181 Chain Link Fence, latest revision for Type IV Fabric. The height of the fabric shall be as specified by the Pay Item No... For example, Item 108-4' shall be mean a vinyl coated chain link fence 4' high. The top and bottom selvage of the fabric shall be twisted and barbed or knuckled as required by the Town Engineer.

B. Vinyl shall be polyvinyl chloride meeting the following requirements:

i. Specific gravity shall be minimum of 1.30 tested in accordance with ASTM D-792.

ii. Hardness shall have a minimum durometer reading of A-95 in accordance with ASTM D-676.

iii. Ultimate elongation shall be 275% in accordance with ASTM D-412.

iv. Tensile strength shall have a test minimum of 3,300 psi in accordance with ASTM D-412.

v. Vinyl shall be dense and impervious covering free of voids, having a smooth lustrous surface without pinholes, bubbles or voids, rough or blistered surface.

vi. The vinyl coating shall be plasticized and unfilled polyvinyl chloride (PVC) with non-migratory low temperature plasticizer shall not support combustion and shall be effective insulation for 12,000 volts. Pigment system shall be stabilized and tested to withstand minimum Weather-O-Meter 1,000 hour test without visible fading, discoloration or other deterioration. The vinyl covered wire shall withstand an accelerated aging test of 2,000 hours at 14 degrees F without cracking or peeling. The vinyl shall have a specific gravity of not less than 1.3, hardness not less than

Durometer A-95, minimum tensile strength of 3,300 psi, elongation of 275% maximum deformation of 15% at 12 degrees C. (U.L. Test) under 500 gram load and compression cut-through of 1,800 psi. The vinyl covering shall, in addition, withstand prolonged exposure to:

1. Sea Water at 10 degrees F.

2. Salt solutions: $CaCl_2$, NH_4NO_3, NaCl, $CuCl_2$, $CuSO_4$, $SnCl_2$, HCl, and others.

3. Alkalis: Sodium, magnesium, calcium, barium, ammonium, hydroxide and others.

4. Acids: Dilute sulphuric, nutric, hydrochloric, acetic, boric, carbonic, citric acids and others.

5. Petroleum products, mineral oils and fats.

6. Fungus inducing atmospheres.

vii. The vinyl shall be hot extruded (not sprayed or dipped) over the galvanized steel wire by the Thermal Extrusion process under pressure to 5,000 psi to insure a dense and impervious covering free of voids having a smooth lustrous surface appearance. The wire shall be vinyl clad before weaving, and shll be free and flexible at all joints.

viii. Fittings – Fittings.

ix. Fittings shall be manufactured of weldable steel, malleable iron, cast steel, cast iron, or aluminum alloy.

1. Weldable Steel. Weldable steel shall be commercial quality or better, produced by on e of the following processes: Open-Hearth, Electric Furnace, or Basic Oxygen.

2. Malleable Iron. Malleable Iron shall conform to the requirements of ASTM A47M. The Grade shall be Grade 225010 or Grade 22018.

3. Cast Iron. Cast iron shall conform to the requirements of ASTM A48, Class No. 30.

4. Cast Steel. Cast steel shall conform to the requirements of steel castings shall conform to the requirements of ASTM A27M. All steel castings shall be Grade 485-275 Class 1.

5. Aluminum Alloy. Aluminum alloy shall meet the material requirements of the Appropriate ASTM standards.

x. Vinyl Coating

1. Fittings and accessories shall comply with the above material requirements and in addition be resin-clad with either an epoxy modified ply (vinyl chloride), or a thermoplastic polyester resin. The coating shall have a minimum thickness of 0.178 mm and shall be of the sample color as the fabric.

2. The epoxy modified poly (vinyl chloride) coating shall be chemically bonded to the fittings and accessories or the fitting and accessory shall be clad with a heavy molecule, saturated, linear thermoplastic polyester resin applied by electrostatic spray and fusing or equal method.

C. Posts and Braces shall be of the type, size, and shape indicated on the detail below or approved equivalent. All materials shall be new and first class and shall not include reconditions thin wall, re-rolled, or open seam pipe. Posts and Braces shall be manufactured by cold-rolling and electric resistance welding of steel strip conforming to ASTM A569 or ASTM A607.

i. Corrosion protection shall be in accordance with either of the following.

ii. All tubing shall be thoroughly galvanized on the side and outside surface in accordance with the latest ASTM 120 specification (1.8 oz./sq.ft.).

iii. Class A, Schedule 40 Pipe – posts, rails and braces shall be standard weight Schedule 40 pipe, manufactured in accordance with ASTM F1083, except that the protective coating system shall be as specified herein.

iv. Class B, Steel Tubing – Posts, rails and braces shall be manufactured by one of the following methods with the steel conforming to ASTM A569M or ASTM A607 with a minimum yield strength of 50,000 psi:

1. Furnace butt welded, continuous welded

2. Cold rolled and electric resistance welded

3. Seamless.

Nominal Size Inches	Outside Diameter Inches	Wall Thickness Inches	Weight PLF
1-5/8	1.660	0.111	1.82
2	1.900	0.120	2.28
2-1/2	2.375	0.130	3.12
3	2.875	0.160	4.64
3-1/2	3.500	0.160	5.71
4	4.000	0.160	6.56

D. Protective Coatings - Posts, rails and braces shall be coated with a protective coating system conforming to one of the following depending on structure member:

i. Class A Schedule 40 Pipe; and Class B Steel Tubing.

1. Galvanized Coatings. Galvanized both inside and out in accordance with ASTM F 1083.

2. Combined Coatings.

3. External surface shall be coated with the following combined coating system:

a. Hot Dip Galvanizing. The external surface shall be hot-dip galvanized with “Special High Grade” or “High Grade” slab zinc conforming to ASTM B6. The weight of the coating shall be a minimum of 0.80 oz/ft^2.

b. Chromate Conversion Coating. Chromate conversion coating shall be specifically designed for use as a pretreatment of galvanized surfaces. The coating shall be applied prior to the application of the thermoplastic acrylic coating at the manufacturer’s recommended rate.

c. Thermoplastic Acrylic Coating. A thermoplastic acrylic coating shall be electrostatically applied with a minimum dry film thickness of 0.3 mils.

4. Internal Surfaces. Zinc coating having a minimum dry film thickness of 0.3 mils. The rich zinc coating shall contain not less than 80% zinc dust by weight and shall be capable of providing galvanic protection.

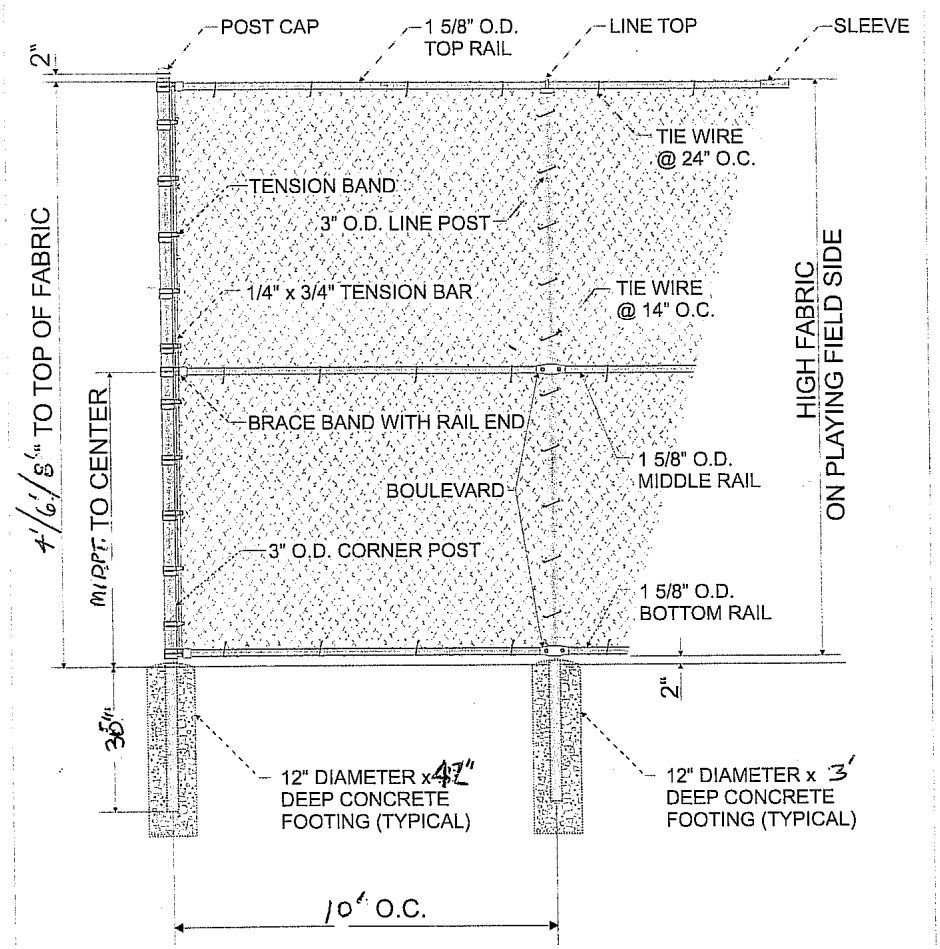
5. Vinyl Coating:

    a. Material Requirements. Posts, rails and braces shall comply with the above material requirements and in addition be resin-clad with either an epoxy modified ply (vinyl chloride), or a thermoplastic polyester resin. The coating shall have a minimum thickness of 0.178 mm and shall be of the same color as the fabric.

    b. Fabrication Requirements. The epoxy modified poly (vinyl chloride) coating shall be chemically bonded to heated pipe or the pipe shall be clad with a heavy molecule, saturated, linear thermoplastic polyester resin applied by electrostatic spray and fusing or equal method.

3. CONSTRUCTION DETAILS

A. All line posts shall be spaced equidistant in the fence line on a maximum of 10 feet centers. Posts shall be set plumb in concrete bases of the depth and diameter indicated. Line posts shall be set in 8”Dia. X 36” Deep concrete foundations, terminal posts shall be set in 16” dia. X 42” deep concrete footings. The top of the posts shall be brought to a smooth grade line. The concrete for the post holes shall be SCDPW Class B concrete. It shall be cast rough in he ground around the post and the top surface shall be domed to shed water and provide a neat, workmanlike appearance when completed.



B. Terminal posts shall be placed at the following locations: corners, changes in direction, abrupt changes in grade, intervals no greater than 500 feet in the fence line, or as directed by the Engineer. When the fence is on a long curve the intermediate posts shall be evenly spaced so that the strain of the fence will not bend the line posts.

C. All top rails shall pass through the base of the post caps and shall form a continuous brace from end to end of each stretch of fence. Top rail lengths shall be joined with sleeve couplings with expansion sleeves provided at 100 ft. intervals. Top rails shall be securely fastened to terminal posts by means of approved rail end connectors. Horizontal braces shall be provided at all terminal posts, corner posts and intermediate posts, as shown on the plans, and shall extend from the above-mentioned posts to the first adjacent line post. Braces shall be securely fastened to the line posts by brace ends and brace bands, and to the terminal posts by approved rail end connectors. Diagonal brace rods shall be trussed from the brace end on the line post back to the terminal post, corner post or intermediate post and fastened to it by an approved connector.

D. The fabric shall be fastened to the line posts and braces with 9 gauge galvanized vinyl coated clip or an equivalent thereof, spaced not more than 14" on centers. It shall be attached to the toprail, middle and bottom tension wire by means of 12-1/2 gauge galvanized rings or as shown on the plans, spaced not more than 12" on centers. The fabric shall be secured to all corner, gate and terminal posts with tension bars fastened to posts with galvanized steel bands at approximately 12" intervals with all terminal adjustments completely housed.

4. METHOD OF MEASUREMENT – The quantity to be paid for under this item will be the number of linear feet of four, six or eight foot chain link fencing measured along the bottom of fencing between centers of end posts that are properly furnished and installed in accordance with the requirements of the plans, specifications, details and orders of the Engineer.

5. BASIS OF PAYMENT - The unit price bid per linear foot shall include the cost of furnishing all labor, materials, tools and equipment necessary to satisfactorily complete the work and shall include the transportation of, clearing and grubbing, excavation, fill, cement, concrete, line posts, top, mid, and bottom rail, hardware, fencing and all other necessary materials or work.

END OF SECTION

ITEM NO. 112 TOPSOIL AND SEED

1. DESCRIPTION – This work shall consist of furnishing and placing topsoil and seed at locations shown on the plans or elsewhere as designated by the Engineer in conformance with the lines and grades shown in the contract documents or as directed by the Engineer.

2. MATERIALS

A. Topsoil shall be as specified for M47 – Topsoil from Borrow of Part II, Section 6, "Materials of Construction" of the SCDPW Standard Specifications.

B. Fertilizer shall be as specified for M54, type 3; the lime shall be limestone as specified for M52; and seed shall be as required for M58 and as follows:

(A=% Purity; B=Min. % Germination; C= Pounds of Pure Live Seed)

Name	**Variety**	**A**	**B**	**C**
Red Fescue (Festuca rubra)	Chewings or Creeping	98	85	50
Tall Fescue (Festuca elatior Arundinacea)	Alta or Kentucky	97	90	18
Kentucky Bluegrass (Poa Pratensis)	Commercial	85	75	30
Common Ryegrass (Domestic) (Lolium perenne) (Lolium multiflorum)	Commercial	98	90	20
Alsike Clover (Trifolium Hybridum)	Commercial Max. 25% hard seed	95	85	4
White Clover (Trifolium Repens var.)	Ladino Max. 25% hard seed	98	85	3

3. CONSTRUCTION DETAILS

A. Preparation of Subgrade - The Contractor shall complete subgrading within the areas to be covered by topsoil by bringing the surface of subgrade to the lines and grades as specified on the plans, or as directed by the Engineer. Where specified or directed, the Contractor shall scarify or till the surface of the subsoil before the topsoil is placed to permit bonding the topsoil layer with the subsoil. Equipment

shall pass in such a manner that depressions and ridges shall be parallel to the contours. Tillage shall be accomplished by disking, harrowing, raking, or by other approved methods.

B. Handling Topsoil - If the condition of the soil is unsuitable due to excessive moisture, frost or other conditions, the Contractor shall cease work under this item until the soil is in a suitable condition.

C. Placing Topsoil - Topsoil shall be placed and spread over the areas shown on the plans, or as directed, to a 4" depth so that the completed work shall conform to the lines, thickness and grades specified. After the topsoil is spread, all large stiff clods, rocks, roots or other foreign matter shall be cleared and disposed of by the Contractor as approved so that the finished surfaces will be acceptable for subsequent work of seeding, sodding, planting or mulching.

D. Seeding Season - The seasons for seeding shall be March 15 to May 1 and August 15 to October 1 unless otherwise approved. The Contractor shall notify the Engineer at least 48 hours in advance of the time he intends to begin sowing seed and shall not proceed with such work until permission to do so has been obtained. When delays in operations carry the work beyond the dates which are specified, or when conditions of high winds, excessive moisture or ice are such that satisfactory results are not likely to be obtained for any stage of the work, the Engineer will stop the work. The work shall be resumed with the Engineer's approval when the desired results are likely to be obtained or when approved corrective measures and procedures are adopted. When sodding is to be done on the same general areas under the same contract, the sodding shall be done before the seed is sown and equipment used during seeding shall cause no damage to the sodded areas.

E. Rates - Application rates for turf establishment materials shall be as specified in the contract documents. When no rates for establishing turf are specified in the contract documents, the following shall apply per NYSDOT 610-3.02 A.:

Fertilizer	800 pounds per acre
Seed	85 pounds pure live seed per acre
Mulch	2 tons per acre
Mulch Anchorage	Manufacturer's recommended rate

F. Limitations - The contractor shall notify the Engineer at least 2 working days before the start of any seeding operation and shall not begin the work until the Engineer has given permission. When sodding and turf establishment are to be done in the same general areas, the sodding shall be done first, and equipment used during turf establishment shall not damage the sodded areas.

G. Inoculation of Leguminous Seeds - All seeds of leguminous plants requiring inoculation shall be inoculated prior to mixing or sowing unless otherwise

specified or approved or unless accompanied by a certificate of preinoculation. When seeds requiring inoculation are to be sown dry, the inoculant shall be applied in accordance with it's accompanying instructions and the seeds allowed to dry sufficiently for proper handling. Seeds shall be sown within thirty hours after this treatment. When seeds requiring inoculation are to be sown by water pressure, the inoculant may be added to the water and seed mixture, together with limestone and/or fertilizer as specified, providing the pH of the solution does not exceed 8.

H. Ground Preparation and Seeding - The Engineer prior to seeding shall approve all turf establishment areas. Areas to be seeded with turf seeds shall be maintained at approved grades and irregularities that will hold water shall be eliminated. Weed growth that, in the Engineer's judgment, may adversely affect germination or growth shall be removed or controlled as approved or as directed by the Engineer prior to seeding. Limestone, fertilizer and seeds in the amounts specified shall be evenly distributed on the areas to be seeded. All mechanical equipment used for soil preparation or seeding shall be as approved. Equipment shall pass parallel to the contours unless otherwise approved except that crawler tractors shall pass at right angles to the contours.

The finished surface of any area that is seeded shall not be rougher, more uneven or have more or larger stones, clods, roots, or other foreign materials than the area it adjoins. In built up and residential areas hand raking will usually be necessary to produce the required smoothness and uniformity, particularly where grading and turf establishment is to be adjacent to lawns.

Areas to be seeded shall be scarified sufficiently to break up the surface crust immediately before seeding except where in the judgment of the Engineer, the ground is already loose and friable as immediately following grading. All stones and other objects over two inches in greatest dimension or other sizes as specified shall be removed and disposed of as approved. Unless otherwise specified in the contract documents, only limestone and/or fertilizers may be mixed together with the seeds (including legume inoculants when required) immediately before sowing. Any method of sowing that does not injure the seeds in the process of spreading will be acceptable.

I. Mulching - Mulch shall be spread uniformly in a continuous blanket of sufficient thickness to hide the soil from view, taking care not to over apply. Mulch may be spread by hand or by machinery. Mulch may be spread before seeding turf but not later than 72 hours after seeding turf unless otherwise approved or directed. Anchorage is required unless otherwise specified in the contract documents. Mulch and mulch anchorage shall be applied separately from seeds unless otherwise specified in the Contract Documents.

J. Liability - When the Engineer determines that any seeded area has failed for any reason to produce a satisfactorily established turf after a suitable period of time

has elapsed, the Contractor shall repeat all the work required by this Section until a satisfactory growth of turf has been established. Any work to be corrected shall be at the Contractor's expense. The contract will not be accepted until a satisfactory turf has been established.

K. Care During Construction - The Contractor shall care for seeded turf areas until final acceptance of the contract. Care shall consist of providing protection against traffic by providing approved warning signs or barricades; and shall consist of repairs to any seeded turf areas damaged by wind, water, fire, traffic or other causes. Damaged areas shall be repaired to re-establish the condition and grade of the area prior to seeding and shall then be refertilized, reseeded and remulched as specified herein.

4. METHOD OF MEASUREMENT - Topsoil and Seed furnished and placed shall be measured in square yards after it has been acceptably placed.

5. BASIS OF PAYMENT – Topsoil and Seed furnished and placed will be paid for at the unit price bid per square yard of topsoil acceptably furnished and placed, which payment shall include the cost of furnishing all equipment, labor and materials required to complete the work as specified.

END OF SECTION

ITEM NO. 113 SODDING

1. DESCRIPTION

A. This work shall consist of preparing the sod bed including topsoil, furnishing, delivering, placing, and caring for sod in the locations shown and specified in the contract drawings.

2. MATERIALS

A. Materials for sodding shall meet the following requirements of the sections indicated from the New York State Department of Transportation Standard Specifications (NYSDOT SS):

Water 712-01
Topsoil 713-01
Sod 713-14
Fertilizer as specified in the contract documents. Where not specified, fertilizer shall be 713-03 Type No. 3 or as approved by the Engineer.

3. CONSTRUCTION DETAILS

A. Limitations.

a. The Contractor shall notify the Engineer at least two working days before beginning to place sod. The Contractor shall not begin the work until written permission from the Engineer has been received.

b. No frozen sod shall be placed nor shall sodding be done when the ground surface is frozen. When frost or excessive moisture are present which will prevent satisfactory results from being obtained for any stage of work, the Engineer will stop the work and it shall be resumed only when allowed by the Engineer.

B. Procuring Sod.

a. The Contractor shall exercise maximum care to retain the soil existing on the roots of the sod during transporting, handling and transplanting operations. Dumping or dropping of sod from vehicles will not be permitted. Sod shall be planted within twenty-four hours from the time of harvesting, unless it is tightly rolled, or stored roots-to-roots. All sod in stacks shall be kept moist and protected from exposure to the sun and from freezing. The maximum period of time from harvesting to planting shall not exceed forty-eight hours. Sod that is stored on the project site prior to planting shall meet the moisture requirements of 713-14 of the NYSDOT SS at the time of planting.

C. Ground Preparation.

a. There shall be a minimum of 2 inches of topsoil under all sod unless otherwise specified. The subgrade of areas to be sodded shall be excavated and firmed to a sufficient depth below the finished grade of the sod to accommodate the tamped or rolled thickness of topsoil and sod.

b. Fertilizer shall be applied at a rate of 50 lbs of nitrogen per acre unless otherwise specified in the contract drawings.

c. Fertilizer applied under this work shall be uniformly mixed with the topsoil to a depth of at least 2 inches before the sod is laid, unless otherwise specified or approved.

D. Finished Grade for Sod.

a. When laid in strips adjacent to paths, pavements, drain inlets and other structures, the finished sod surface shall be flush with surface of the adjacent soil and the adjacent structures. Sod laid in drainage ways, and areas to be continuously or solidly sodded shall meet the finished grades as shown in the contract documents. Grades shall be formed with special care at the junction of drainage ways.

E. Placing Sod.

a. The soil on which the sod will be laid shall be moist. The soil shall be watered prior to sodding, if so directed. The sod shall be laid smoothly, edge to edge and all openings shall be plugged with sod. In drainage ways and where continuous or solid sodding is indicated and/or specified in the contract documents, the sod shall be laid with the longest dimension parallel to the contours. Sodding shall start at the base of slopes and progress upwards in continuous parallel rows.

b. Vertical joints between sides shall be staggered. Immediately after laying, sod shall be pressed firmly into contact with the sod bed by tamping, rolling, or by any other method that will eliminate air pockets, provide true and even surfaces, ensure knitting and protect all exposed sod edges, but without damaging or displacing the sod or deforming the finished sod surface. At the time of placing, the sodded areas shall be watered evenly and at a rate of 5 gallons per square yard, unless otherwise directed.

F. Anchoring.

a. Sod shall be firmly anchored in all drainage ways, on slopes 1 on 2 or steeper, and wherever else specified or directed. Sod shall be anchored immediately after tamping. All anchors shall be driven flush to the ground.

G. Finishing.

a. Excess sod or excess soil resulting from the sodding operation shall be disposed of by the Contractor. Excess soil shall not be left to form a ridge adjacent to the sodded area or sodded strips.

H. Care During Construction.

a. The Contractor shall care for the sodded areas until all work on the entire contract has been completed and accepted. When necessary, such care shall consist of providing protection against traffic by warning signs or barricades. In locations where mowing is specified, the grass shall be mowed until the acceptance of the Contract to a height of 3 inches when the growth reaches a height of 5 inches or as directed.

b. All sod shall be watered at weekly intervals for a minimum of four weeks following installation and in accordance with 615-3.01 of the NYSDOT SS, unless otherwise specified or directed. Additional watering shall be performed if specified in contract documents. When watered, sufficient water shall be applied to wet the sod at least 2 inches into the sod bed. Watering shall be done in a manner that will not cause erosion or other damage to the finished surfaces. Any surfaces that have settled, become gullied or otherwise damaged shall be repaired at the Contractor's expense to re-establish the grade and conditions of the soil prior to sodding and shall then be re-fertilized and re-sodded as specified under this work.

I. Period of Establishment.

a. When the Engineer decides that any area that has been sodded fails for any reason to produce a satisfactory turf after a suitable period of time has elapsed, the Contractor shall re-sod such areas in the same manner as specified in the contract until a satisfactory turf has been established. Any work to be corrected shall be at the Contractor's expense. The contract will not be accepted until a satisfactory turf has been produced unless the work necessary to assure satisfactory turf will be done under the provisions of an uncompleted work agreement.

4. METHOD OF MEASUREMENT

A. Sodding including topsoil bed will be measured as the number of square yards of surface area that have been acceptably completed.

5. BASIS OF PAYMENT

A. The unit price bid per square yard shall include the cost of all labor, equipment, materials, including topsoil placed under the sod, watering necessary to establish

the sod, and necessary excavation, equipment and incidentals necessary to acceptably complete and care for the work as specified.

END OF SECTION

ITEM NO. 116 THERMOPLASTIC REFLECTORIZED PAVEMENT MARKINGS

1. DESCRIPTION

A. Under this item, the Contractor shall furnish and apply thermoplastic reflectorized pavement markings, including glass beads thereto, at the locations shown on the plans or as so ordered by the Engineer and in conformance with these specifications. This work shall include the cleaning and preparation of pavement surfaces.

B. The thermoplastic pavement marking compound shall be extruded in a molten state onto a primed pavement surface. Following a surface application of glass beads and upon cooling to normal pavement temperatures, the resultant marking shall be an adherent reflectorized stripe of the specified thickness and width that is capable of resisting deformation of traffic.

2. MATERIALS

A. Scope - This specification covers white and yellow thermoplastic reflectorized pavement striping material that is extruded, in a molten state, onto a primed pavement surface. Following a surface application of glass beads and upon cooling to normal pavement temperatures, the resultant marking is an adherent reflectorized stripe, of specified thickness and width, that is capable of resisting deformation by traffic.

B. General - Method and requirements for applying thermoplastic pavement markings shall be as specified in Section 687, Thermoplastic Reflectorized Pavement Markings of the New York State Department of Transportation (NYDOT) Standard Specifications.

C. White and Yellow Reflectorized Thermoplastic

a. Composition Requirements - The thermoplastic composition shall be specifically formulated for application at temperature of from 400 degrees F to 425 degrees F. The components in the composition shall show no significant breakdown, or deterioration at 425 degrees.

b. The binder component shall be formulated as a hydrocarbon resin; or it shall be formulated as a mixture of high boiling point monobydric primary alcohol and modified maleic resin; or the manufacturer may submit an optional binder formulation to the Department for evaluation and approval. The pigment, beads, and filler shall be uniformly dispersed in the binder resin.

c. The thermoplastic composition shall be free from all skins, dirt and foreign objects and shall comply with the following requirements:

Component	% by Weight White	Yellow
Binder	17.0, min.	17.0, min.
Titanium	10.0, min.	---
Glass Beads	30-40	30-40
Calcium Carbonate & Inert Fillers	49.0, min.	*
Yellow Pigments	---	*

* Amount and type of yellow pigment, calcium carbonate and inert fillers shall be at the option of the manufacturer, providing the other composition requirements of this specification are met.

D. Physical Properties of Composition

a. Color - White thermoplastic composition, as placed, shall be white, free from dirt or tint. The color of the white composition shall be defined by the color chip in the possession of the NYSDOT Material Bureau.

b. Yellow thermoplastic composition, as placed, shall be yellow, free from dirt or tint and shall be a reasonable visual match to Munsell Book Notation 10 Yr. 8/14 (ASTM D-1535).

E. Drying Time: When installed at 70 degrees F, and in thickness between 1/8" and 3/16", the composition shall be completely solid and shall show no damaging effect from the traffic after ten (10) minutes.

F. Color Retention: The retention of the initial color shall be determined as follows: Specimens shall be prepared and tested from samples submitted in accordance with ASTM D 795. The ultraviolet source shall be as specified from the test procedure, or optionally may be a General Electric 275 watts sun lamp bulb, type RS, with built in reflector. After 100 hours of exposure, yellowness shall not exceed 0.18 when measured according to Federal Test Method Standard No. 141, Method 6131.

G. Softening Point: The composition shall have a softening point of not less than 194 degrees F when tested in accordance with ASTM E28.

H. Specific Gravity: The specific gravity of the composition as determined by a water displacement method of 25 degrees C shall be between 1.8 and 2.2 (referred to water at 25 degrees C).

I. Reflective Glass Spheres (Pre-Mix And Drop-On) - Reflective glass spheres for use in the composition and for drop-on shall conform to the following

requirements:

a. The glass spheres shall be colorless; clean; transparent; free from milkiness or excessive air bubbles; and essentially clean from surface scarring or scratching. They shall be spherical in shape and at least 70% of the glass beads shall be true spheres when tested in accordance with ASTM D1155.

b. The reflective index of the spheres shall be a minimum of 1.50 as determined by the liquid immersion method at 25 degrees C.

c. The silica content of the glass spheres shall not be less than 60%.

d. The crushing resistance shall be as follows: A forty (40) pound dead weight, for 20 to 30 mesh spheres, shall be the average resistance when tested in accordance with ASTM D1213.

e. The glass spheres shall have the following grading when tested in accordance with ASTM D1214.

U.S. Standard Sieve	Mass % Passing
No. 20	100
No. 30	79-95
No. 50	15-60
No. 80	0-15

f. Glass spheres for drop-on shall be treated with a moisture-proof coating.

J. Packaging and Shipment

a. The thermoplastic composition shall be shipped to the job site in containers that are strong, substantial and capable of being sealed in a manner approved by the Engineer. The containers shall be plainly marked with the manufacturer's name and address, specification designation, date of manufacture and batch number.

b. The reflective glass spheres for drop-on application shall be shipped in moisture resistant bags. Each bag shall be marked with the name and address of the manufacturer and the name and net weight of the material.

K. Basis of Acceptance

a. Thermoplastic material shall be acceptable on the basis of the manufacturer's certification or from NYS approved lots, as determined by the Engineer.

b. Reflective glass spheres may be accepted at the job site on the basis of the manufacturer's certification, or from NYS approved lots.

3. CONSTRUCTION DETAILS

A. Equipment General - Thermoplastic application equipment shall be approved by the Engineer prior to the start of work.

a. Thermoplastic material shall be applied to the primed pavement surface by the extrusion method, wherein one side of the shaping die is the pavement and the other three sides are contained by, or are part of suitable equipment for maintaining the temperature and controlling the flow of material.

b. For heating the thermoplastic composition, the application equipment shall include a melting kettle(s) of such capacity to allow for a separate "supply" vehicle or included as part of the mobile applicating equipment. The kettle(s) shall be capable of heating the thermoplastic composition to temperatures of from 400 degrees to 435 degrees F. The heating mechanism shall be by means of a thermostatically controlled heat transfer medium. Heating of the composition by direct flame shall not be allowed. Material temperature gauges shall be visible at both ends of the kettle(s).

c. Application equipment shall be constructed to provide continuous mixing and agitation of the material. Conveying parts of the equipment between the main material reservoir and the extension shoe(s) shall be so constructed as to be easily accessible and exposable for cleaning and maintenance. The equipment shall be constructed as that all mixing and conveying parts, up to and including the extrusion material shoe(s), maintain the material at the required plastic temperature.

d. The applicating material shall be so constructed as to insure continuous uniformity in the dimensions of the stripe. The applicator shall provide a means for cleanly cutting off stripe ends squarely and shall provide a method of applying "skip" lines. The equipment shall be capable of applying various widths of traffic markings.

e. Applicating equipment shall be mobile and maneuverable to the extent that straight lines can be followed and normal curves can be made in a true arc.

f. Applicators shall be equipped and constructed in such a manner as to satisfy the requirements of the National Board of Underwriters and the appropriate agencies of New York State.

g. The equipment used for the placement of thermoplastic pavement markings shall be mobile applicator and portable applicator.

i. Mobile Applicating Equipment

1. The mobile applicator shall be defined as a truck mounted, self-contained pavement marking machine that is capable of applying hot thermoplastic by the extrusion method. The unit shall be equipped to apply the thermoplastic material at temperatures exceeding 400 degrees F, and at the widths and thickness specified herein. The mobile unit shall be capable of operating continuously and of installing a minimum of 20,000 linear feet of longitudinal markings in an 8-hour day.

2. The mobile unit shall be equipped with a melting kettle(s) of such capacity as to allow for continuous marking operations. The kettle(s) shall be capable of heating the thermoplastic composition at temperatures from 400 degrees to 425 degrees F.

3. The mobile unit shall be equipped with an extrusion shoe(s), and shall be capable of marking edgeline and centerline stripes. The extrusion shoe(s) shall be closed, heat jacketed or suitably insulated unit; shall hold the molten thermoplastic at a temperature of from 400 degrees to 425 degrees F; and shall be capable of extruding a line of from 3 to 8 inches in width; and at a thickness of not less than 1/8” nor more than 3/16”, and of generally uniform cross section.

4. The mobile unit shall be equipped with an electronic and programmable line pattern control system, or mechanical lines system, so as to be capable of applying skip or solid lines in any sequence, and through any extrusion shoe in any cycle length.

ii. Portable Applicating Equipment

1. The portable applicator shall be defined as hand operated equipment, specifically designed for placing thermoplastic installations; such as crosswalks, stop bars, legends, arrows, and short lengths of lane, edge and centerlines. The portable applicator shall be capable of applying thermoplastic pavement markings by the extrusion method. It is intended that the portable applicator will be loaded with hot thermoplastic composition from the melting kettle(s) on the mobile applicator. The portable applicator

shall be equipped with all the necessary components, including a material storage reservoir, bead dispenser, extrusion shoe, and heating accessories, so as to capable of holding the molten thermoplastic as a temperature of from 400 degrees to 425 degrees F, of extruding a line of form 3 to 8 inches in width, and in thickness of not less than 1/8" nor more than 3/16 inches, and of generally uniform cross section. Material temperature gauges shall be affixed or incorporated in the extrusion shoe in such a manner as to be visible and capable of monitoring the composition temperature throughout the marking operation.

B. Application General - All pavement markings and patterns shall be placed as shown on the plans and/or shown in 687-3.04 of the New York State Department of Transportation Standard Specifications, or as ordered by the Engineer. This work shall be in accordance with the New York State Manual of Uniform Traffic Control Devices.

   a. Before any pavement marking work is begun, a schedule of operations shall be submitted for the approval of the Engineer.

   b. When pavement markings are applied under traffic, the Contractor shall provide all necessary maintenance and protection of traffic as defined in the New York State Manual of Uniform Traffic Control Devices and/or as directed by the Engineer. The Contractor shall protect the marking operations and pavement markings until thoroughly set.

   c. The application of pavement markings shall be done in the generation direction of traffic. Striping against the direction of traffic flow shall not be allowed.

   d. The Contractor shall be responsible for removing, to the satisfaction of the Engineer, tracking marks, spilled thermoplastic or thermoplastic applied in unauthorized areas.

   e. When necessary, the Contractor shall establish marking line points at one-foot (1') intervals throughout the length of pavement including starts and stops, or as directed by the Engineer.

C. Atmospheric Conditions - Thermoplastic pavement markings shall be placed upon dry pavement surfaces. At the time of installation the pavement surface temperature shall be a minimum of 55 degrees F and rising. The Engineer shall be the sole determiner as to when atmospheric conditions are such as to produce satisfactory results.

   a. To comply with 55 degrees F pavement surface temperature requirement,

when possible it will benefit the Contractor to schedule striping work for seasons of warm weather. In cooler conditions, striping operations may be coordinated with bituminous paving work to take advantage of residual heat; or infrared and other suitable heating devices may be used to warm the pavement surface.

D. Materials - Application Requirements

a. Thermoplastic Composition

b. Application Temperature - Thermoplastic composition shall be applied at temperature no lower than 400 degrees F nor higher than 425 degrees F at the point of deposition. For purposes of these specifications, the point of deposition shall be defined as within the extrusion shoe.

c. Extruded Markings – All extruded markings shall be applied at the specified width and at a thickness of not less than 1/8” nor more than 3/16”.

d. Reflective Glass Spheres (for Drop-on) - Immediately following application, reflective glass spheres shall be dropped onto the molten thermoplastic marking at a rate of one (1) pound per 20 square feet of composition.

e. Surface Cleaning and Preparation of Pavement

i. The Contractor shall be responsible for cleaning the pavement surface, to the satisfaction of the Engineer. At the time of application, the pavement surface shall be free of oil, dirt, dust, grease, concrete curing compounds are present they shall be removed by sandblasting or other approved means.

ii. In general, thermoplastic markings shall not be placed over existing pavement marking patterns. Existing pavement markings that are in sufficiently good condition so as to interfere with the bond of the thermoplastic, or otherwise conflict with the newly applied marking patterns shall be removed as directed by and to the satisfaction of the Engineer. It is not intended that all deteriorated or otherwise obscured markings can be removed. Painted pavement markings which have been nearly completely worn off due to traffic should not interfere with the bond of the thermoplastic.

f. Application of Thermoplastic Pavement Markings: Unless otherwise directed by the Engineer, all centerline, skip line, edgeline and other longitudinal type markings may be applied with either a portable or a

mobile applicator.

3. METHOD OF MEASUREMENT

A. Pavement striping will be measured in linear feet along the centerline of the pavement stripe, and will be based on a 4 inch wide stripe. Measurement for striping with a width greater or less than the basic 4 inches, as shown on the plans or as directed by the Engineer, will be made by the following method:

$$\frac{\text{Plan Width of Striping (Inches)} \times \text{Linear Feet}}{4”}$$

B. No payment will be made for the number of linear feet of skips in the dashed line.

C. Letters and symbols will be measured by each unit applied. A unit will consist of one letter or one symbol. Example: “SCHOOL” would be paid as six units.

5. BASIS OF PAYMENT - The accepted quantities of markings will be paid for at the contract unit price, which shall include the cost of furnishing all labor, materials, and equipment to satisfactorily complete the work. The cost for maintaining and protecting traffic during the marking operations will be paid for under this item.

END OF SECTION

ITEM NO. 118 EROSION AND SEDIMENT CONTROL

1. DESCRIPTION - This work shall consist of furnishing, installing, inspecting, maintaining, and removing soil erosion and sediment control measures as shown on the contract documents or as ordered by the Engineer during the life of the contract to provide soil erosion and sediment control. This work shall be coordinated with the soil erosion and sediment control features specified elsewhere in the contract documents to the extent practical to assure effective and continuous soil erosion and sediment control throughout the construction and post construction period.

A. Erosion Control - The following items of work are provided in this section to address soil erosion control – mulch, straw/wood fiber mulch, jute mesh.

B. Sediment Control - The following items of work are provided in this section to address sediment control - strawbale, silt fence, stabilized construction entrance, inlet controls.

2. MATERIALS - Unless otherwise stated elsewhere in the contract documents, materials shall be as stated herein.

A. Mulch – Mulch shall conform to 713-19 for straw and 713-11 for wood fiber mulch per the New York State Department of Transportation Standard Specifications, May 1, 2008 (NYSDOT Standard Specifications).

B. Seed - Seed shall be ryegrasses (annual or perennial) or cereal grasses suitable to the area and as a temporary cover which will not compete with the grasses sown later for permanent cover.

C. Strawbale

   a. Strawbales shall meet the requirements of 713-19 of the NYSDOT Standard Specifications.

   b. All bales shall be tightly bound; loose or broken bales will not be accepted. Hardwood stakes shall be at least 1 1/4 x 1 1/4 inches and a minimum of 2 feet long.

D. Geotextiles - Geotextiles shall meet the requirements of Item 207.12 Geotextile Drainage of the NYSDOT Standard Specifications. UV sensitive geotextiles shall be protected from exposure to sunlight during transport and storage. Specific make and manufacturer shall be as approved by the Engineer.

E. Drainage Structure Inlet Protection

   a. Drainage structure inlet protection shall be triangular shaped in cross section, and have a height of at least 8 to 10 inches in the center with two equal sides and an 18 to 24 inch base. The triangular-shaped inner material shall be urethane foam.

The outer cover shall be a woven bedding type geotextile placed around the inner triangle and extend 24 to 36 inches beyond each side of the triangle base.

b. Other materials may be proposed by the Contractor who shall be solely responsible for their performance.

F. Silt Fence – The proposed silt fence material must be included in the approved list issued by the NYSDOT's Materials Bureau. A geotextile sample and specifications for the proposed silt fence shall be submitted to the Engineer for approval. A silt fence assembly shall consist of silt fence geotextile, posts, and fasteners and may include mesh support.

a. Posts - Posts shall meet the following requirements:

i. Either wood, metal, or synthetic posts may be used. Softwood post shall be 1 1/2 x 3 1/2 inches, hardwood post shall be at least 1 1/4 x 1 1/4 inches, steel post shall be "T" or "L" shaped in cross section, with a minimum weight of 1.3 lb/ft.

ii. Posts shall be a minimum of 4 feet long and shall be spaced consistent with the material selected.

b. Mesh Support – Mesh support shall consist of 14 gauge (min) welded wire mesh with a maximum 6 x 6 inch opening or polymeric mesh. All mesh support shall be a minimum of 30 inches in height.

c. Fasteners - Fasteners shall be heavy duty staples, hog rings, tie wires, or any other fastener compatible with the post material.

G. Mulch Anchorage – Mulch anchorage shall meet the requirements of 713-12, Type A of the NYSDOT Standard Specifications.

H. Stabilized Construction Entrance – Stabilized construction entrances shall consist of a geotextile, crushed stone or gravel and, if necessary, a drainage pipe to maintain ditch flow.

a. Geotextile - Geotextile shall meet the requirements of 207-2, Geotextile Stabilization, Strength Class 1 of the Standard Specifications.

b. Crushed stone or gravel shall be 6 inches of coarse aggregate material meeting the gradation requirements of size designation #3 on Table 703-4 of the Standard Specifications.

c. Drainage Pipe - Contractor shall provide a drainage pipe sized with sufficient capacity to carry ditch flow. The pipe dimension shall be consistent with the modified soil erosion and sediment control plan approved by the Engineer. The drainage pipe may consist of new or used material in satisfactory condition and

suitable for the intended use. The Engineer will reject any materials determined to be unsatisfactory.

I. Jute Mesh - Jute mesh shall be a uniform, open, plain weave cloth of undyed and unlbleached single jute yarn. The yarn shall be of a loosely twisted construction and it shall not vary in thickness more than one-half its normal diameter.

a. Jute mesh shall be furnished in rolled strips and shall meet the following requirements:
- Width – 48 inches, plus or minus one inch
- Length – approximately 225’
- 78 warp-ends per width of cloth (minimum)
- 41 weft-ends per yard (minimum)
- Weight shall average 1.22 pounds per linear yard with a tolerance of plus or minus 5%.

b. Contractor shall supply U-Shaped staples approximately 6 inches long and one inch wide. Machine made staples shall be or No. 11 gauge or heavier steel wire. Contractor shall supply approximately 100 staples per role of jute mesh.

3. CONSTRUCTION DETAILS

A. General

a. In the event of conflict between these specification requirements and pollution control laws, rules, regulations or permit conditions by other federal or state or local government agencies, the more restrictive laws, rules or regulations shall apply.

b. The Contractor shall begin earthwork only after receiving written approval from the Engineer for the scheduling of earthwork and work covered under this section.

c. The Contractor shall designate to the Engineer an erosion and sediment control supervisor with adequate training, experience, and authority to implement and maintain all erosion and sediment control measures.

d. Perimeter sediment controls shall be installed prior to performing grubbing, excavation, and borrow or fill operations. The Contractor shall limit the area of clearing and grubbing, excavation, borrow and embankment operations in progress, commensurate with their capability and progress in keeping the finish grading, mulching, seeding and other temporary and/or permanent control measures current in accordance with the approved schedule. Under no condition shall earth material exposed by grubbing, excavation, borrow or fill or other work be left without application of temporary or permanent erosion controls for a period of greater than 7 days. The Engineer may determine that a potential for erosion or sediment transport exists and order the Contractor to install temporary

erosion controls earlier. When permanent soil erosion and sediment control measures cannot be installed due to seasonal or other limitations, temporary soil erosion and sediment control measures shall be installed. Prior to removing or disturbing any erosion or sediment control measure that may be required to be reestablished due to continual grading operations, the Contractor shall verify the proposed progression of operations and the reestablishment of control measures with the Engineer to ensure the continuity of erosion and sediment control.

e. Sediment control measures shall not be removed without the Engineer's approval.

B. Inspection and Maintenance

a. Soil erosion and sediment control measures shall be inspected and maintained by the Contractor during the life of the project, including winter shutdown, etc. Such inspection and maintenance shall continue until after the permanent stabilization measures are in place and the temporary control measures are ordered to be removed by the Engineer. The remaining disturbed area shall be permanently stabilized as indicated in the contract documents.

b. All temporary controls shall be inspected by the Contractor every seven calendar days, after each rainfall of 1/2 inch or more within a 12 hour period, or daily during prolonged rainfall to determine if the measure is functioning as intended. All inspections shall be completed within one calendar day.

c. Within 3 calendar days from completion of the inspection, the Contractor shall:

i. Repair or rebuild the control measure to function as originally intended.

ii. Remove sediment deposition which reaches one half the height of the control measure. All sediment deposits shall be considered unsuitable material and disposed of in accordance with 203-3.08 of the Standard Specifications. Material shall be disposed of away from wetlands, water courses or other bodies of water.

iii. Torn or punctured silt fence fabric may be repaired by the placement of a patch, on the upstream side, consisting of an additional layer of fabric over the damaged area, or replacement of the damaged section.

iv. Where erosion control materials have been used on final grade that have been permanently seeded, the Contractor shall care for the areas until acceptance of the Contract or acceptance of the turf, whichever is later. Where necessary, such care may include, but is not limited to providing warning signs or barricades for protection against traffic. Any surfaces that have settled, become gullied, or otherwise damaged due to the Contractor's operations shall be repaired at no additional expense to

reestablish the grade and soil conditions that existed prior to placing erosion control materials.

C. Temporary Mulch

a. The Contractor shall have the capability to mulch any disturbed areas on any given day (e.g., those areas where earthwork operations are ongoing, etc.). The Contractor shall apply mulch on disturbed areas consistent with the approved project schedule.

b. Mulch shall be spread uniformly in a continuous blanket at an approximate rate of 2 t/acre. Mulch may be spread by hand, mechanical spreaders, or blowers.

D. Temporary Seed and Mulch

a. The Contractor shall apply seed and mulch on disturbed areas consistent with the approved project schedule.

b. Prior to the application of seed, all areas where compaction has occurred shall be scarified. The seed bed shall be loose and friable for positive seed retention.

c. Ryegrasses shall be spread at a rate of 30 lb/acre to uniformly cover the ground. Cereal grasses shall be spread at a rate of 100 lb/acre to uniformly cover the ground. Seeds shall be evenly distributed by any method of sowing that does not injure the seeds in the process of spreading.

d. Mulch shall be spread immediately following application of seed. Mulch shall be spread uniformly in a continuous blanket at an approximate rate of 2 t/acre. Mulch may be spread by hand, mechanical spreaders, or blowers. Mulch and seed shall not be placed simultaneously, except in the case of hydroseeding.

E. Temporary Strawbale - Bales shall be placed with the cut ends vertical as shown in the contract documents. Each bale shall be embedded into the soil a minimum of 4 inches, and be securely anchored. Hardwood stakes shall be installed a minimum of 1 foot into the ground below the bale. The first stake in each bale shall be driven at an angle toward the previously laid bale to force the bales together.

F. Geotextiles - Geotextiles shall be placed between different layers of soil/aggregate to prevent migration of one material to the other. Geotextiles shall be placed where shown in the contract documents and constructed in accordance with the standard sheets.

G. Temporary Silt Fence

a. Unless otherwise detailed in the contract documents, silt fence shall be installed as follows:

i. Posts shall be driven into the ground.

ii. Geotextile and any mesh support (if applicable) shall be placed on the upstream side of the posts.

iii. The geotextile shall be fastened to each post in no less than 4 locations with approved fasteners.

iv. The mesh support shall be fastened to each post at the top, bottom, and two additional evenly spaced locations, or by a continuous corded attachment along the top of the assembly.

v. Any geotextile or mesh splices necessary for fence erection shall be continuous between two post sections.

vi. Geotextile at the bottom of the fence shall be buried in a trench to a depth of 6 inches. The trench shall be back filled with the excavated soil and the soil compacted by tamping.

H. Drainage Structure Inlet Protection - Drainage structure inlet protection shall be placed where shown in the contract documents and constructed in accordance with the standard sheets.

I. Jute Mesh - Jute mesh shall be placed without stretching on the freshly prepared surface so that it lays loosely on the soil and in contact with the soil at all points; and then it shall be rolled or tamped firmly into the soil surface. The upper end of each roll shall be turned down and buried to a depth of 6 inches with the soil firmly tamped against it. Unless otherwise specified in the contract documents, check slots shall be constructed at 50 foot intervals down the slope. The construction procedure shall consist of placing a fold of material 6 inches vertically into the ground and tamping soil firmly against it. Jute mesh shall be placed so that all edges shall have a minimum overlap of 6 inches. The ends of rolls shall be placed with the upgrade section on top. Jute mesh shall be held tightly to the soil by anchors driven firmly into the ground. Anchors shall be spaced not more than 3 feet apart on the sides and along the centerline of all drainage ways. Jute mesh ends and check slots shall have anchors spaced at 1 foot intervals.

J. Stabilized Construction Entrances

a. Stabilized construction entrances shall be placed where shown in the contract documents and constructed in accordance with the standard sheets.

b. The Contractor shall grade, including excavating or placing fill, to prepare the original ground surface for the placement of a stabilized pad of 6 inches of coarse aggregate material, underlain by a geotextile.

c. If necessary, a drainage pipe shall be installed to maintain the capacity of the ditch. The pipe dimension shall be consistent with the modified soil erosion and sediment control plan approved by the Engineer.

d. All areas cut or filled and not stabilized by the construction entrance material shall be covered with an erosion control treatment (temporary mulch, temporary seed and mulch, etc.) and shall be included in this pay item.

e. When washing is performed, the washing area within the construction entrance shall be located in an area which will drain into an approved sediment control measure(s).

f. The construction entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto the right-of-way. All sediment spilled, dropped, washed or tracked onto the right-of-way shall be removed immediately. In the event the entrance is no longer performing properly (i.e. the entrance aggregate becomes clogged with sediment), the Contractor shall top-dress the entrance with additional coarse aggregate material.

4. METHOD OF MEASUREMENT - Measurement will be made for installation or reinstallation of temporary soil erosion and sediment controls shown in the contract documents.

A. Temporary Mulch - Measurement will only be made for work directed or approved by the Engineer. This work will be measured as the number of square feet of mulch to the nearest square foot.

B. Temporary Seed and Mulch - Measurement will only be made for work directed or approved by the Engineer. This work will be measured as the number of square feet to the nearest square foot.

C. Temporary Strawbale - Bales will be measured by the number of feet to the nearest foot.

D. Geotextiles – Geotextiles will be measured as the number of square feet to the nearest square foot.

E. Temporary Silt Fence - Silt fence will be measured by the number of feet of silt fence to the nearest foot. No measurement will be made for seams or overlaps.

F. Drainage Structure Inlet Protection - Prefabricated drainage structure inlet protection measures will be measured by the number of measures, i.e., each structure.

G. Jute Mesh – Jute mesh will be measured as the number of square feet to the nearest square foot.

H. Stabilized Construction Entrances – Stabilized construction entrances shown in the contract documents will be measured by the number of square feet to the nearest square foot. Measurement will not be made for construction entrances associated with the contractor's operations (e.g., staging areas, storage yards, borrow sites, etc.).

5. BASIS OF PAYMENT

A. General

a. The unit price bid for all work items shall include the cost of furnishing all labor, equipment, and materials necessary to satisfactorily complete the work as shown in the contract documents, including the cost of excavation associated with the removal of accumulated sediment and the installation of erosion and sediment control measures covered by this Section.

b. Progress payments will be made for silt fence. Fifty percent of the price bid will be paid after installation. The remaining percentage will be paid when the temporary control measure is removed and the remaining area is permanently stabilized.

c. Payment will not be made for work which is attributed to the Contractor's negligence, carelessness or failure to install temporary or permanent controls in accordance with the contract documents.

B. Mulch - Mulching will only be paid for when directed or approved by the Engineer.

C. Seed and Mulch - Seed and mulch will only be paid for when directed or approved by the Engineer. In addition to the provisions of 209-5.01 of the Standard Specifications, the unit price bid for this item shall include water.

D. Stabilized Construction Entrances

a. In addition to the provisions of 209-5.01 of the Standard Specifications, the unit price bid for this item shall include any erosion control treatments (temporary mulch, temporary seed and mulch, etc.) required to stabilize an erodible surface produced by the installation of the construction entrance, periodic top-dressing with additional coarse aggregate material, and washing station provisions.

b. Additional sediment control measures (silt fence, strawbale, etc.) required to control a washing area will be paid for under their respective item(s).

E. Payment will be made under:

Item No.	**Item**	**Pay Unit**
118-SWM	Straw/Wood Fiber Mulch – Temporary	Square Yard
118-SM	Seed and Mulch – Temporary	Square Yard
118-SSWM	Seed and Straw/Wood Fiber Mulch – Temporary	Square Yard

118-S	Strawbale – Temporary	Foot
118-G	Geotextiles	Square Yard
118-SF	Silt Fence – Temporary	Foot
118-D	Drainage Structure Inlet Protection, Prefabricated – Temporary	Each
118-J	Jute Mesh	Square Yard
118-SCE	Stabilized Construction Entrance	Square Yard

END OF SECTION

ITEM NO. 151 POURED IN PLACE SAFETY SURFACE

1. DESCRIPTION

A. This work includes furnishing and installing GT Impax recycled poured rubber surface or approved equal for six, eight or ten foot critical fall heights.

B. GT Impax recycled poured rubber surface or approved equal shall be poured in place and trowelled to provide for a resilient, seamless rubber surface installed over the specified base. The surfacing provider shall be responsible for all labor, materials, tools, equipment, to perform all work and services for the installation of the surface. The surface shall be stable and slip resistant to comply with all requirements set forth in the Americans with Disabilities Act. The surfacing installer must be certified by the poured in place manufacturer as a qualified installer.

C. Work shall include installation of stone base beneath the safety surface and preparation of subgrade including excavation for stone and safety surface installation.

2. QUALITY ASSURANCE

A. Impact Attenuation

a. ASTM F1292-04

b. Impact attenuation test results will be provided to the owner or owner's representative. These test results shall be certified and submitted on the letterhead of an independent testing lab. Impact attenuation test results shall meet or exceed Consumer Product Safety Commission Guidelines for impact attenuation (G-max and Head Injury Criteria (HIC).

B. Accessibility of Surface Systems

a. ASTM F1951-08

b. All Playground surfacing products must pass testing to ensure wheelchair access under and around playground equipment as required by the American Disabilities Act.

C. Coefficient of Friction

a. ASTM D2047-82

b. All products must meet a minimum standard on coefficient of friction of .9-wet, 1.0 dry.

D. Permeability - Product shall meet or exceed a coefficient of permeability of 0.4 gallons per square yard per second.

E. Flammability of Finished Floor Cover - Product shall meet requirements of ASTM D2859.

F. Tensile Strength

   a. ASTM D412-87 - This test indicates a product's ability to stretch, and how far it will stretch before it breaks.

   b. Test results for wear course must be a minimum tensile strength of 60 PSI and minimum % elongation @ break of 140%.

G. IPEMA Certification - Manufacturer must provide proof of certification. "In the interest of public playground safety, IPEMA provides an independent laboratory which validates a manufacturer's certification of conformance to ASTM F1292-04. A list of current validated products, their thickness and critical heights may be viewed at www.ipema.org."

3. SUBMITTALS

A. Submittal Details - Submittal packages shall include but not be limited to:

   a. Product samples

   b. Supplier's written warranty, and

   c. Independent laboratory results for tests described above.

4. MATERIALS

A. Polyurethane Primer and Binder

   a. 100% Single Component Polyurethane Binding Agent

   b. Methylene Dephenyl Isocyanate (MDI) based binder.

B. Aromatic Binder – All projects will include aromatic binder unless project specifies the use of aliphatic binder. The natural properties of the aromatic binder are to present a yellow tint which may cause some EPDM/TPV colors to amber. The yellowing affect is more common on lighter EPDM colors and will wear off with foot traffic and weathering.

C. Aliphatic Binder – This binder is available upon request but at an added cost to

the over all project. Aliphatic binder is all clear providing full EPDM/TPV color from day one. This binder has a higher resistance to ultra violet light and provides a greater resistance to wear.

D. Impact Course – The impact layer is to be a precise combination of 100% recycled black Styrene Budadine Rubber (SBR) and polyurethane binder. SBR is manufactured as a liquid, poured into molds and generally used by the automobile industry. This recycled rubber is shredded, mixed with binder and hand-trowelled to create a seamless application. The impact course thickness, as specified by owner or architect, must be composed of recycled rubber and free of foreign matter.

E. Wear Course

a. The wear course is made of Ethyl Propolyne Dione Monomer (EPDM) or Thermal Plastic Vulcanized (TPV) pigmented rubber granules with polyurethane binder. Thickness of the wear course shall be a minimum ½".

b. EPDM – The granule size will be 1-3 mm in diameter.

c. TPV – the granule size will be 1-4 mm in diameter.

F. Colors - The color of GT Impax recycled poured rubber surfacing or approved equal will be indicated on plans. Owner or owner's representative will be responsible for selecting standard blends. Selection of either standard color blends or custom color blends much be made at time quotation is being requested. EPDM colors are available in 100% black and a variety of colors. Ask your GameTime representative for available color combinations. Standard Color(s) to be determined by the Town of Riverhead.

Physical Properties

Tensile Strength (ASTM D412)	60 PSI, minimum
Elongation at Break (ASTM D412)	140%, minimum
Flammability (ASTM D2859)	Pass
Coefficient of Friction (ASTM D204)	
Wet	0.9, minimum
Dry	1.0, minimum
Water Permeability	0.4 gal. /sq. yd./sec., minimum

G. Sub-base Requirements - The base shall have the specific maximum slope (2%) and shall vary no more than 1/8" when measured in any direction with a 10' straight edge.

H. Stone

a. The density requirement is 90% to 95% compaction with final condition of stone as level and stable so as not to shift when traveled on or during surface installation process. A compaction test is required and must be submitted to safety surfacing manufacturer prior to installation of poured rubber surfacing. Recycled Concrete Aggregate (RCA), or mixtures which include concrete, brick, asphalt or any deleterious material will NOT be acceptable.

b. Depth - 4 inch minimum thickness.

c. Slope - Stone elevation shall maintain ¼" per foot toward low end.

d. Porosity - Base course shall maintain porosity for direct drainage.

e. Enclosure - Stone base course must be surrounded by a retaining curb.

f. Drainage - Subsurface drainage is recommended under and around a stone base. Perforated pipe or similar system is acceptable.

g. Tolerances - ¼" in any 10-foot direction and 1/8" in any 3-foot direction.

h. Stone Selection - It is critical that different size stones are used so that the base shall be uniformly mixed. The material shall be wetted during mixing operations if necessary for proper blending.

i. Stone Gradation

U.S. Sieve	Percent Passing
1"	100
3/4"	90 - 100
No. 4	35 - 60
No. 30	10 - 30
No. 200	2 - 9

5. CONSTRUCTION DETAILS

A. Excavation for Subgrade Preparation – Excavate below finished grade to a depth equal to 4" for the stone and additional depth for the poured in place safety surface based on the table below. Subgrade surface shall be proof rolled and smooth. Replace unsuitable material will select fill as needed.

B. Drainage - Having proper drainage at the low end of the concrete slab is of utmost importance. Any brick walls or curbs at the low end of the slab shall have drainage access through weep holes. Concrete curbing weep holes should be level with finish grade of sub-base or a minimum of 1/8" below top of concrete slab, as GT IMPAX recycled poured rubber surfacing or approved equal shall be porous and water drains immediately through it. Weep holes shall be 2" high and 3" wide and shall be installed every three (3) feet. If weep holes are smaller than the recommended size, they shall be installed every 18". Floor drains shall be located outside the high impact areas, as the drains may not be covered with GT IMPAX poured rubber surfacing or approved equal. Recommended locations for drains are under play unit or against low-end wall or curb.

C. Security and Waste Disposal - The Contractor shall be responsible for the protection of surface during the installation process while on site, during the curing period and upon completion of the installation and overnight during the installation. The Contractor shall be responsible for having a dumpster on site for all waste and debris.

D. Utilities and Access – The Contractor shall supply power and water for construction activities under this contract.

E. Weather Conditions – Because the polyurethane agents are moisture or heat sensitive, the nighttime temperatures must be above 40 degrees with daytime temperatures around 50 degrees. These temperatures must be consistent for several days before and after the poured rubber installation period. Complying with these weather conditions will prevent poured rubber from freezing which prevents proper curing.

F. Thickness – Overall depth of the poured rubber will vary based on critical fall heights and installers test results. Depth of EPDM will be no less than 0.5”. Installation is performed by technically trained GameTime approved specialists or approved equal. Your GameTime dealer or approved equal, will schedule installation of playground surfacing to meet your requirements. If the Contractor utilizes a different manufacturer of poured in place safety surface, then the Contractor has to provide the Town with the appropriate thickness and design for the alternative system. The Contractor must be a certified installer for whichever system is utilized.

Thickness Chart

(Below depths include 0.5” EPDM Topcoat for Game Time System only)

1’ to 4’ Critical Fall Height	1.5” to 2”	Total Depth
5’ Critical Fall Height	2” to 2.5”	Total Depth
6’ Critical Fall Height	2.5” to 3”	Total Depth
7’ to 8’ Critical Fall Height	3” to 3.5”	Total Depth
9’ to 10’ Critical Fall Height	4” to 4.5”	Total Depth

11’ to 12’ Critical Fall Height	5.5”	Total Depth

G. Cold Joints – Areas in excess of 2,000 square feet or areas that require adjacent color pours will have a cold joint or seam. Although seldom visible, seams are necessary when large pads require more than one day pours.

H. Edges - Surface edges shall be flush, beveled or rolled.

I. Flush - When curbing is provided around the outside perimeters of the pad, the poured rubber will be adhered to the edge of the curbing so that the rubber surfacing is flush. This allows for a smooth transition in to the play area. However, the sub-base should be installed to allow the proper depth of poured rubber so that the flush edge can be installed without having to fill voids by increasing the depth SBR materials.

J. Cure Time - The poured rubber will require 72 hours (3 days) to properly cure. Security is required by the owner during this time so to avoid unnecessary damages.

6. WARRANTY

A. The poured in place safety surface shall be warranted against defects in materials and workmanship for five years through the material manufacturer. The warranty shall provide for 100% of the cost for necessary repairs caused by the failure of the manufacturer’s poured rubber surfacing only.

B. This limited warranty includes only the manufacturer’s obligation to repair and/or replace any defective materials or workmanship in the surface area or surface areas that have failed during the warranty period. A failed area or failed areas include edge raveling, bubbling, delamination, peeling, and loss of integrity as a result of the SurfaceMax recycled poured rubber degradation. The manufacturer is under no obligation or responsibility to repair and/or replace the poured rubber surface if damaged by vandalism (including cuts, burns, gouges, etc.), product misuse, abuse or alteration, improper slab or base or sub-base design or construction, improper drainage, improper or lack of maintenance, any foreign residue that may be deposited on the surface, normal wear and tear, damage from sharp objects (high heels, spikes, etc.) or acts of God.

7. METHOD OF MEASUREMENT

Item 151– The quantity is the number of compacted square yards of material, installed as specified including but not limited to the subbase preparation, stone base, wear, the poured in place safety material as per the contract specifications and the EPDM top course, as specified by the manufacturer’s installation instructions, specifications, drawings or as ordered by the Engineer. The safety surface shall be constructed to

accommodate six, eight or ten foot critical fall heights as shown on the drawings or specified by the engineer.

8. BASIS OF PAYMENT

Item 151 - The unit price per square yards bid for this work includes the cost of furnishing all labor, materials and equipment necessary to complete the work.

END OF SECTION

ITEM NO. 190-O CONCRETE GRID PAVEMENTS

1. DESCRIPTION

A. The work under this item includes furnishing and installing concrete grid units on a sand bedding course over a compacted dense-graded aggregate base. The aggregate base shall be placed on geotextile separation fabric over compacted subgrade. This specification covers H20/HS20 traffic loading.

B. The work herein also includes installation of topsoil and grass seed in the grid openings over bedding sand.

C. Edge restraints shall be installed around the outside edge of the grid pavers where shown on the plans.

2. QUALITY ASSURANCE

A. ASTM C 33, Specification for Concrete Aggregates.

B. ASTM C 136, Method for Sieve Analysis for Fine and Coarse Aggregate.

C. ASTM C 140, Standard Test Methods of Sampling and Testing Concrete Masonry Units.

D. ASTM C 979, Standard Specification for Pigments for Integrally Colored Concrete.

E. ASTM C 1319, Standard Specification for Concrete Grid Paving Units.

F. ASTM D 698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort.

G. ASTM D1557 - 07 Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort.

H. ASTM D 2940, Standard Specification for Graded Aggregate Material for Bases or Subbases for Highways or Airports.

I. ASTM D 5268, Specification for Topsoil Used for Landscaping Purposes.

J. Canadian Standards Association (CSA) 1. CSA A23.1, Concrete Materials and Methods of Concrete Construction.

K. Interlocking Concrete Pavement Institute (ICPI), Tech Spec technical bulletins.

3. SUBMITTALS

A. In accordance with General Conditions, 3. Samples and 6. Shop Drawings.

B. Manufacturer's Drawings and Details - Indicate perimeter conditions, relationship to adjoining materials and assemblies, expansion and control joints, paving slab layout, installation and setting details.

C. Sieve analysis per ASTM C 136 for grading of bedding and base materials.

D. Source and content of topsoil and grass seed.

E. Concrete Grid Units

1. One representative full-size sample of grid unit, thickness, color, expected in the finished installation.

2. Accepted samples become the standard of acceptance for the work.

3. Test results from an independent testing laboratory for strength compliance requirements to ASTM C39.

4. Manufacturer's catalog literature, installation instructions, and material safety data sheets for the safe handling of the specified materials and products.

4. QUALITY ASSURANCE

A. Paving Subcontractor Qualifications

1. Engage an experienced installer who has successfully completed grid pavement installations similar in design, material, and extent indicated for this Project.

5. DELIVERY, STORAGE, AND HANDLING

A. Deliver concrete grid units to the site in steel banded, plastic banded, or plastic wrapped packaging capable of transfer by forklift or clamp lift. Unload grids at job site in such a manner that no damage occurs to the product or existing construction.

B. Cover sand with waterproof covering to prevent exposure to rainfall or removal by wind. Secure the covering in place.

C. Coordinate delivery and paving schedule to minimize interference with normal use of buildings adjacent to paving.

6. ENVIRONMENTAL CONDITIONS

A. Do not install bedding materials or grid units during heavy rain or snowfall.

B. Do not install bedding materials and grid units over frozen base materials.

C. Do not install frozen bedding materials.

7. GRID PAVER MAINTENANCE MATERIALS

A. Supply Checker Block in unopened pallets with contents labeled. Store where directed.

8. MATERIALS

A. Concrete Grid Units

1. Checker Block - Manufacturer: Hastings Pavement Company, LLC. DBA Hastings Architectural & Ornamental Concrete
   200 Henry Street
   Lindenhurst, NY 11757
   Contact: Kevin Earley, 631-774-6431

2. Color – Natural (stock color)

3. Size - 24 inches x 24 inches x 4 inches thick

4. Reinforcement - 6”/6” x 6 gauge welded wire

5. Minimum Average Compressive Strength: 5,000 psi at 28-days per ASTM C-39

B. Product Substitutions

1. No substitutions permitted.

C. Bedding Materials

1. General – Sieved per ASTM C 136.

2. Bedding Sand

   a. Washed, clean, hard, durable crushed gravel or stone, free from shale, clay, friable materials, organic matter, frozen lumps, and other deleterious substances.

b. Conforming to the grading requirements in Table 1 below.

c. Do not use limestone screenings.

Table 1
Grading Requirements for Bedding Sand

ASTM C33		or	CSA A23.1-FA1	
Sieve Size	Percent Passing		Sieve Size	Percent Passing
3/8 in. (9.5 mm)	100		10 mm	100
No. 4 (4.75 mm)	95 to 100		5 mm	95 to 100
No. 8 (2.36 mm)	85 to 100		2.5 mm	80 to 100
No. 16 (1.18 mm)	50 to 85		1.25 mm	50 to 90
No. 30 (0.600 mm)	25 to 60		0.63 mm	25 to 65
No. 50 (0.150 mm)	0 to 30		0.315 mm	10 to 35
No. 100 (0.150 mm)	2 to 10		0.160 mm	2 to 10

D. Base Materials

ASTM D 2940
Gradation for Dense-Graded, Crushed Stone Base

Sieve Size	Percent Passing
2 in. (50 mm)	100
1½ in. (37.5 mm)	95 to 100
¾ in. (19.0 mm)	70 to 92
⅜ in. (9.5 mm)	50 to 70
No. 4 (4.75 mm)	35 to 55
No. 30 (0.600 mm)	12 to 25
No. 200 (0.075 mm)	0 to 8

E. Accessories

1. Accessory Materials

a. Geotextile separation fabric material: Mirafi 160N.

2. Edge Restraints Installed Between Concrete Grid Paving Unit Areas And Asphalt Handicapped Parking

a. Material - BrickStop Aluminum Paver Edging System 1-1/2” Wide x 1-3/8” high x 8’-4” long anchored with 12” common spike or approved equal.

9. EXECUTION

A. Examination

1. Acceptance of site verification conditions:

a. Contractor shall inspect, accept and verify in writing to the grid installation subcontractor that site conditions meet specifications for the following items prior to installation of bedding materials and concrete grid units:

i. Verify that drainage and subgrade preparation, compacted density and elevations conform to specified requirements.

ii. Verify that geotextiles, if applicable, have been placed according to drawing and specifications.

iii. Verify that base materials, thickness, compacted density, surface tolerances and elevations conform to specified requirements.

iv. Provide written density test results for the soil subgrade, base materials to the Owner, Contractor, and grid installation subcontractor.

b. Do not proceed with installation of bedding materials and concrete grids until subgrade soil and base conditions are corrected by the Contractor or designated subcontractor.

B. Preparation

1. Verify that base is dry, certified by Contractor as meeting material, installation and grade specifications are ready to support sand, grids and imposed loads.

2. Edge Restraint Preparation:

a. Install edge restraints per the drawings and manufacturer's recommendations at the indicated elevations.

b. Mount directly to finished base. Do not install on bedding sand.

c. The minimum distance from the outside edge of the base to the spikes shall be equal to the thickness of the base.

C. Installation

1. Compact soil subgrade to 95% standard Proctor density per ASTM D 698.

2. Install a minimum of 12 in. of compacted (95% standard Proctor density) dense-graded base course, or greater thickness as directed by Engineer.

3. Spread the 1" bedding sand layer evenly over the compacted, base course and screed uniformly.

4. Ensure the grid units are free from foreign materials before installation.

5. Lay the grid units on the bedding sand in the pattern shown on the drawings. Maintain straight joint lines.

6. Joints between the grids shall be maintained so that units do not touch but not exceed 3⁄16 in. (5 mm).

7. Ensure that grid pavers are seated and leveled with roller compactor or static roller drum.

8. Use tie rods to anchor units on slopes steeper than 3:1.

9. Sweep top soil into the joints and openings until full.

10. Broadcast grass seed at the rate recommended by seed source. Place sod plugs into openings. Add topsoil to the surface to cover the seeds.

11. Remove excess topsoil on surface when the job is complete.

12. Distribute straw covering to protect germinating grass seed or sod. Water entire area. Do not traffic pavement for 30 days, if seeded.

D. Field Quality Control

1. Check final elevations for conformance to the drawings. Allow 1⁄8 to 1⁄4 in. (3 to 6 mm) above specified surface elevations to compensate for minor settlement.

2. The final surface tolerance from grade elevations shall not deviate more than ± 3⁄8 in. (10 mm) over a 10 ft (3 m) straightedge.

3. The surface elevation of grid units shall be 1⁄8 to 1⁄4 in. (3 to 6 mm) above adjacent drainage inlets, concrete collars or channels.

4. Lippage: No greater than 1⁄8 in. (3 mm) difference in height between adjacent grid units.

E. Protection

1. After work in the section is complete, the Contractor shall be responsible for protecting work from damage due to subsequent construction activity on the site.

10. METHOD OF MEASUREMENT

A. Concrete Grid Pavements will be measured by the number of square yards placed as shown in the contract documents, or as ordered by the Engineer.

11. BASIS OF PAYMENT

A. The price bid per square yard of Concrete Grid Pavements shall include the cost of furnishing all labor, materials and equipment necessary to complete the work, including setting bedding and base material, as specified except that any necessary excavation will be paid for under the appropriate item.

Payment will be made under:

Item No.	**Item**	**Pay Unit**
190-O	Concrete Grid Pavements	Square Yards

END OF SECTION

ITEM NOS. 190-P AND 190-PP PERMEABLE INTERLOCKING CONCRETE PAVEMENT

PART 1 GENERAL

1.01 SUMMARY

A. Section Includes

1. Permeable interlocking concrete pavers.
2. Crushed stone bedding material.
3. Open-graded subbase aggregate.
4. Open-graded base aggregate.
5. Bedding and joint/opening filler materials.
6. Edge restraints.
7. Geotextiles.

B. Related Sections

1. Item No. 7 Concrete Curb.
2. Item No. 4-SS Stabilized Soil Aggregate Subbase.
3. Item No. 13U Underdrain Pipe.
6. Item No. 13P Polyethylene Pipe.
7. Item No. 2 Unclassified Excavation.
8. Item No. 3 Excavation and Embankment.

1.02 REFERENCES

A. American Society for Testing and Materials (ASTM)

1. C 131, Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine.
2. C 136, Method for Sieve Analysis for Fine and Coarse Aggregate.
3. C 140, Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units.
4. D 448, Standard Classification for Sizes of Aggregate for Road and Bridge Construction.
5. C 936, Standard Specification for Solid Interlocking Concrete Pavers.
6. C 979, Specification for Pigments for Integrally Colored Concrete.
7. D 698, Test Methods for Moisture Density Relations of Soil and Soil Aggregate Mixtures Using a 5.5-lb (2.49 kg) Rammer and 12 in. (305 mm) drop.
8. D 1557, Test Methods for Moisture Density Relations of Soil and Soil Aggregate Mixtures Using a 10-lb (4.54 kg) Rammer and 18 in. (457 mm) drop.
9. D 1883, Test Method for California Bearing Ratio of Laboratory-Compacted Soils.
10. D 2922 Standard Test Methods for Density of Soil and Soil-Aggregate In-Place by Nuclear Methods (Shallow Depth).
11. D 4254, Standard Test Methods for Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density.

B. Interlocking Concrete Pavement Institute (ICPI)

1. Permeable Interlocking Concrete Pavement manual.
2. Permeable Design Pro software for hydrologic and structural design

1.03 SUBMITTALS

A. In accordance with General Conditions, 3. Samples and 6. Shop Drawings.
B. Paver manufacturer's/installation subcontractor's drawings and details: Indicate perimeter conditions, junction with other materials, expansion and control joints, paver layout, patterns, color arrangement, installation and setting details. Indicate layout, pattern and relationship of paving joints to fixtures, and project formed details.
C. Minimum 3 lb (2 kg) samples of subbase, base and bedding aggregate materials.
D. Sieve analysis of aggregates for subbase, base and bedding materials per ASTM C 136.
E. Project specific or producer/manufacturer source test results for void ratio and bulk density of the base and subbase aggregates.
F. Soils report indicating density test reports, classification, and infiltration rate measured on-site under compacted conditions, and suitability for the intended project.
G. Erosion and sediment control plan.
H. Permeable concrete pavers:
    1. Paver manufacturer's catalog sheets with product specifications.
    2. One representative full-size sample of each paver type, thickness, color, and finish. Submit samples indicating the range of color expected in the finished installation.
    3. Accepted samples become the standard of acceptance for the work of this Section.
    4. Laboratory test reports certifying compliance of the concrete pavers with ASTM C 936.
    5. Manufacturer's certification of concrete pavers by ICPI as having met applicable ASTM standards.
    6. Manufacturers' material safety data sheets for the safe handling of the specified paving materials and other products specified herein.
    7. Paver manufacturer's written quality control procedures including representative samples of production record keeping that ensure conformance of paving products to the product specifications.
J. Paver Installation Subcontractor:
    1. Demonstrate that job foremen on the project have a current certificate from the Interlocking Concrete Pavement Institute Concrete Paver Installer Certification program.
    2. Job references from projects of a similar size and complexity. Provide Owner/Client/General Contractor names, postal address, phone, fax, and email address.
    3. Written Method Statement and Quality Control Plan that describes material staging and flow, paving direction and installation procedures, including representative reporting forms that ensure conformance to the project specifications.

1.04 QUALITY ASSURANCE

A. Paver Installation Subcontractor Qualifications:
    1. Utilize an installer having successfully completed concrete paver installation similar in design, material and extent indicated on this project.

2. Utilize an installer with job foremen holding a current certificate from the Interlocking Concrete Pavement Institute Concrete Paver Installer Certification program.

B. Review the manufacturers' quality control plan, paver installation subcontractor's Method Statement and Quality Control Plan with a pre-construction meeting of representatives from the manufacturer, paver installation subcontractor, general contractor, engineer and/or owner's representative.

1.05 DELIVERY, STORAGE, AND HANDLING

A. General: Comply with Conditions of Contract, 32. Use of Premises and Removal of Debris.
B. Comply with manufacturer's ordering instructions and lead-time requirements to avoid construction delays.
C. Delivery: Deliver materials in manufacturer's original, unopened, undamaged container packaging with identification tags intact on each paver bundle.
   1. Coordinate delivery and paving schedule to minimize interference with normal use of buildings adjacent to paving.
   2. Deliver concrete pavers to the site in steel banded, plastic banded, or plastic wrapped cubes capable of transfer by forklift or clamp lift.
   3. Unload pavers at job site in such a manner that no damage occurs to the product or existing construction

D Storage and Protection: Store materials in protected area such that they are kept free from mud, dirt, and other foreign materials.

1.06 ENVIRONMENTAL REQUIREMENTS

A. Do not install in rain or snow.
B. Do not install frozen bedding materials.

1.07 MAINTENANCE

A. Extra materials: Provide additional material for use by owner for maintenance and repair.
B. Pavers shall be from the same production run as installed materials.

PART 2 PRODUCTS

A. Manufacturer: Nickolock of Long Island
   1. Contact: 640 Muncy Avenue
      Lindenhurst, NY 11757
      Phone: (631) 669-0700
      Fax: (631) 669-0711

B. Permeable Interlocking Concrete Paver Units:
   1. Paver Type: Eco-ridge or SF-Rima.
      a. Material Standard: Comply with ASTM C 936.
      b. Color and finish: As shown on the plans.
      c. Color Pigment Material Standard: Comply with ASTM C 979.
      d. Size: Eco-ridge: 4-3/4"x9-1/2"x3-1/8".

SF-Rima: 8”x8”x3-1/8”

e. The compressive strength test results per ASTM C 140 for each paver type shall be adjusted by multiplying by 1.18 to equate the results to that from 2-3/8” thick pavers.

2.02 PRODUCT SUBSTITUTIONS

A. Substitutions: Permitted for gradations for crushed stone jointing material, base and subbase materials. Base and subbase materials shall have a minimum 0.32 void ratio. All substitutions shall be approved in writing by the project engineer.

2.03 CRUSHED STONE FILLER, BEDDING, BASE AND SUBBASE

A. Crushed stone with 90% fractured faces, LA Abrasion < 40 per ASTM C 131, minimum CBR of 80% per ASTM D 1883.
B. Do not use rounded river gravel for vehicular applications.
C. All stone materials shall be washed with less than 1% passing the No. 200 sieve.
D. Joint/opening filler, bedding, base and subbase: conforming to ASTM D 448 gradation as shown in Tables 1, 2 and 3 below:

Table 1
ASTM No. 8 Grading Requirements
Bedding and Joint/Opening Filler

Sieve Size	Percent Passing
12.5 mm (1/2 in.)	100
9.5 mm (3/8 in.)	85 to 100
4.75 mm (No. 4)	10 to 30
2.36 mm (No. 8)	0 to 10
1.16 mm (No. 16)	0 to 5

Table 2
ASTM No. 57 Base
Grading Requirements

Sieve Size	Percent Passing
37.5 mm (1 1/2 in.)	100
25 mm (1 in.)	95 to 100
12.5 mm (1/2 in.)	25 to 60
4.75 mm (No. 4)	0 to 10
2.36 mm (No. 8)	0 to 5

Table 3
Grading Requirement for ASTM No. 2 Subbase

Sieve Size	Percent Passing
75 mm (3 in.)	100
63 mm (2 1/2 in.)	90 to 100
50 mm (2 in.)	35 to 70
37.5 mm (1 1/2 in.)	0 to 15
19 mm (3/4 in.)	0 to 5

Table 4
Grading Requirement for ASTM No. 89 Alternate Jointing Material for Narrow Joints

Sieve Size	Percent Passing
12.5 mm (1/2 in.)	100
9.5 mm (3/8 in.)	90 to 100
4.75 mm (No. 4)	20 to 55
2.36 mm (No. 8)	5 to 30
1.16 mm (No. 16)	0 to 10
0.300 mm (No. 50)	0 to 5

Table 5
Grading Requirement for ASTM No. 9 Alternate Jointing Material for Narrow Joints

Sieve Size	Percent Passing
12.5 mm (1/2 in.)	---
9.5 mm (3/8 in.)	100
4.75 mm (No. 4)	85 to 100
2.36 mm (No. 8)	10 to 40
1.16 mm (No. 16)	0 to 10
0.300 mm (No. 50)	0 to 5

2.04 ACCESSORIES

A. Accessories
   1. Accessory Materials
      a. Geotextile separation fabric material: Mirafi 160N.
   2. Edge Restraints Installed Between Concrete Grid Paving Unit Areas And Asphalt Handicapped Parking
      a. Material - BrickStop Aluminum Paver Edging System 1-1/2” Wide x 1-3/8” high x 8’-4” long anchored with 12” common spike or approved equal.

PART 3 EXECUTION

3.01 EXAMINATION

A. Acceptance of Site Verification of Conditions:
   1. General Contractor shall inspect, accept and certify in writing to the paver installation subcontractor that site conditions meet specifications for the following items prior to installation of interlocking concrete pavers.
      a. Verify that subgrade preparation, compacted density and elevations conform to specified requirements.
      b. Provide written density test results for soil subgrade to the Owner, General Contractor and paver installation subcontractor.
      c. Verify location, type, and elevations of edge restraints, utility structures, and drainage pipes and inlets.
   2. Do not proceed with installation of bedding and interlocking concrete pavers until subgrade soil conditions are corrected by the General Contractor or designated subcontractor.

3.03 PREPARATION

A. Verify that the soil subgrade is free from standing water.
B. Stockpile joint/opening filler, base and subbase materials such that they are free from standing water, uniformly graded, free of any organic material or sediment, debris, and ready for placement.
C. Edge Restraint Preparation:
   1. Install edge restraints per the drawings.

3.04 INSTALLATION

A. General
   1. Any excess thickness of soil applied over the excavated soil subgrade to trap sediment from adjacent construction activities shall be removed before application of the geotextile and subbase materials.
   2. Keep area where pavement is to be constructed free from sediment during entire job. Geotextiles, base and bedding materials contaminated with sediment shall be removed and replaced with clean materials.
   3. Do not damage drainpipes, overflow pipes, observation wells, or any inlets and other drainage appurtenances during installation. Report any damage immediately to the project engineer.
B. Geotextiles
   1. Place on bottom and sides of soil subgrade. Secure in place to prevent wrinkling from vehicle tires and tracks.
   2. Overlap as specified by manufacturer in the direction of drainage.
C. Open-graded subbase and base
   1. Moisten, spread and compact the No. 2 subbase in one 6 in. (100 to 150 mm) lift without wrinkling or folding the geotextile. Place subbase to protect geotextile from wrinkling under equipment tires and tracks.
   2. Make at least two passes in the vibratory mode then at least two in the static mode with a minimum 10 t (10 T) vibratory roller until there is no visible movement of the No. 2 stone. Do not crush aggregate with the roller.
   3. The surface tolerance of the compacted No. 2 subbase shall be ±2 1/2 in. (± 65mm) over a 10 ft (3 m) straightedge.
   4. Moisten, spread and compact the No. 57 base layer in one 4 in. (100 mm) thick lift.
   5. On this layer, make at least two passes in the vibratory mode then at least two in the static mode with a minimum 10 t (10 T) vibratory roller until there is no visible movement of the No. 2 stone. Do not crush aggregate with the roller.
D. Bedding layer
   1. Moisten, spread and screed the No. 8 stone bedding material to nominal depth of 2 in.
   2. Fill voids left by removed screed rails with No. 8 stone.
   3. The surface tolerance of the screeded No. 8 bedding layer shall be ±3/8 in (10 mm) over a 10 ft (3 m) straightedge.
   4. Do not subject screeded bedding material to any pedestrian or vehicular traffic before paving unit installation begins.

E. Permeable interlocking concrete pavers and joint/opening fill material

1. Lay the paving units in the pattern(s) and joint widths shown on the drawings. Maintain straight pattern lines.
2. Fill gaps at the edges of the paved area with cut units. Cut pavers subject to tire traffic shall be no smaller than 1/3 of a whole unit.
3. Cut pavers and place along the edges with a double-bladed splitter or masonry saw.
4. Fill the openings and joints with No. 8 stone. Paver joint widths which are narrow and do not accept No. 8 stone must be filled with washed ASTM No. 89 or No. 9 stone.
5. Remove excess aggregate on the surface by sweeping pavers clean.
6 Compact and seat the pavers into the bedding material using a low-amplitude, 75-90 Hz plate compactor capable of at least 5,000 lbf (22 kN) centrifugal compaction force. This will require at least two passes with the plate compactor.
7. Do not compact within 6 ft (2 m) of the unrestrained edges of the paving units.
8. Apply additional aggregate to the openings and joints if needed, filling them completely. Remove excess aggregate by sweeping then compact the pavers. This will require at least two passes with the plate compactor.
9. All pavers within 6 ft (2 m) of the laying face must be left fully compacted at the completion of each day.
10. The final surface tolerance of compacted pavers shall not deviate more than ±3/8 in. (10 mm) under a 10 ft (3 m) long straightedge.
11. The surface elevation of pavers shall be 1/8 to 1/4 in. (3 to 6 mm) above adjacent drainage inlets, concrete collars or channels.

3.05 FIELD QUALITY CONTROL

A. After sweeping the surface clean, check final elevations for conformance to the drawings.
B. Lippage: No greater than 1/8 in. (3 mm) difference in height between adjacent pavers.
C. The surface elevation of pavers shall be 1/8 to 1/4 in. (3 to 6 mm) above adjacent drainage inlets, concrete collars or channels.
D. Bond lines for paver courses: ±½ in. (±15 mm) over a 50 ft (15 m) string line.

3.06 PROTECTION

A. After work in this section is complete, the General Contractor shall be responsible for protecting work from sediment deposition and damage due to subsequent construction activity on the site.
B. PICP installation contractor shall return to site after 6 months from the completion of the work and provide the following as required: fill paver joints with stones, replace broken or cracked pavers, and re-level settled pavers to initial elevations. Any additional work shall be considered part of original bid price and with no additional compensation.

PART 4 METHOD OF MEASUREMENT

4.01 Each type of Permeable Interlocking Concrete Pavement – Eco-ridge or SF-Rima - will be measured by the number of square yards placed as shown in the contract documents, or as ordered by the Engineer.

PART 5 BASIS OF PAYMENT

5.01 The price bid per square yard of each type of Permeable Interlocking Concrete Pavement – Eco-ridge or SF-Rima - shall include the cost of furnishing all labor, materials and equipment necessary to complete the work, including setting bedding and base material, as specified except that any necessary excavation will be paid for under the appropriate item.

Payment will be made under:

Item No.	**Item**	**Pay Unit**
190-P	Permeable Interlocking Concrete Pavement – Eco-ridge	Square Yards
190-PP	Permeable Interlocking Concrete Pavement – SF-Rima	Square Yards

END OF SECTION

ITEM NO. 191 UNIT PAVERS

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Interlocking unit pavers and accessories with sand-filled joints, with setting bed as follows:
   1. Sand setting bed.

1.2 REFERENCES

A. ASTM International
   1. ASTM C 33 - Standard Specification for Concrete Aggregates.
   2. ASTM C 67 - Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile, Section 8, Freezing and Thawing.
   3. ASTM C 136 - Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates.
   4. ASTM C 140 - Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units.
   5. ASTM C 144 - Standard Specification for Aggregate for Masonry Mortar.
   6. ASTM C 936 - Standard Specification for Solid Concrete Interlocking Paving Units.
   7. ASTM C 979 - Standard Specification for Pigments for Integrally Colored Concrete.
   8. ASTM C 1645 - Standard Test Method for Freeze-thaw and De-icing Salt Durability of Solid Concrete Interlocking Paving Units.
   9. ASTM D 698 - Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,000 ft-lbf/ft3/600 kN-m/m3).
   10. ASTM D 1557 - Standard Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft3/2,700 kN-m/m3).
   11. ASTM D 2940 - Standard Specification for Graded Aggregate Material for Bases or Subbases for Highways or Airports.

B. Interlocking Concrete Pavement Institute (ICPI):
   1. ICPI Tech Spec Technical Bulletins.

C. BEES Database: National Institute for Standards and Technology (NIST) Building for Environmental and Economic Sustainability Database.

1.3 SUBMITTALS

A. Submit under provisions of Section 01300.

B. Product Data: Manufacturer's data sheets on each product to be used, including but not limited to the following:
   1. Storage and handling requirements and recommendations.
   2. Installation methods.

C. Shop Drawings: Drawings with details including but not limited to relationship to adjoining materials and assemblies, indication of perimeter conditions, expansion and control joints, paver layout, patterns, color arrangement, installation, and setting details.

D. Test Reports:
   1. Sieve analysis for grading of bedding and joint opening aggregates.
   2. Test results from an independent testing laboratory for compliance of concrete pavers with ASTM C 936.

E. Verification Samples: For each finish product specified, four representative full-size samples of each paver type, thickness, color and finish specified that indicate the range of color variation and texture expected in the finished installation.

1.4 QUALITY ASSURANCE

A. Source Limitations for Pavers: For each color required, provide pavers of uniform texture and color, or a uniform blend within the ranges accepted for these characteristics from a single manufacturer to the greatest extent possible.

B. Product Certificates:
   1. Signed by manufacturer, including name and address of contractor, project location, and the quantity, and date or dates of shipment of delivery to which certificate applies.
   2. Indicating that pavers meet specified requirements.
   3. Indicating testing laboratory’s facilities and qualifications of its principals and key personnel to perform tests specified.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Deliver and store products in manufacturer's unopened labeled packaging.

B. Comply with instructions and recommendations of manufacturer for special delivery, storage, and handling requirements.
   1. Coordinate delivery and paving schedule to minimize interference with normal use of buildings adjacent to paving.
   2. Deliver concrete pavers to the site in steel banded, plastic banded or plastic wrapped packaging capable of transfer by forklift or clamp lift.
   3. Unload pavers at job site in such a manner that no damage occurs to the product.

C. Storage and Protection: Store materials protected such that they are kept free from mud, dirt, and other foreign materials.
   1. Cover bedding sand and joint sand with waterproof covering if needed to prevent exposure to rainfall or removal by wind. Secure the covering in place.

1.6 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
   1. Do not install sand or pavers during heavy rain or snowfall.
   2. Do not install sand and pavers over frozen base materials.
   3. Do not install frozen sand or saturated sand.
   4. Do not install concrete pavers on frozen or saturated sand.

1.7 EXTRA MATERIALS

A. Extra Materials: Furnish extra units amounting to 2 percent of installed materials, for each color or color blend of pavers installed.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: CalStar Products, Inc; 6851 Mowry Ave., Newark, CA 94560. ASD. Toll Free: 877-700-9501. Phone: 510-793-9500. Fax: 510-793-9501 Email: info@calstarproducts.com. Web: http://www.calstarproducts.com.

B. Substitutions: Approved equal.

2.2 INTERLOCKING CONCRETE PAVERS

A. Interlocking Concrete Pavers: Non-Fired Holland Pavers; unit pavers composed of Class C fly ash and fine aggregates as manufactured by CalStar Products, Inc.
   1. Pavers for Standard Installation:
      a. Nominal Size: 4 inches wide by 2-3/8 inches high by 8 inches long.
      b. Actual Dimensions: 98.5 mm wide by 60 mm high by 198.5 mm long.
      c. Average Compressive Strength (ASTM C 140): 8000 psi (55 MPa) with no individual unit under 7200 psi (50 MPa).
      d. Spacers for Pavers: Standard, integral spacers for 1/16 inches (1.5 mm) gaps.

B. Materials: Comply with material standards set forth in ASTM C 936.
   1. Fabrication: Non-fired paver with no Portland cement.
   2. Curing: Fly ash, aggregate, mineral oxide pigments, and proprietary ingredients mixed with water, vibro-compacted, and cured into stable cementitious solid.
   3. Composition: Primary ingredients are ASTM C 618 Class C fly ash, self-cementing byproduct of coal combustion and sand.
   4. Average Water Absorption (ASTM C 140): 5 percent with no unit greater than 7 percent.
   5. Freeze/Thaw Resistance (ASTM C 1645): Resistant to 28 freeze/thaw cycles with no greater than 225 g/m^2 loss of material, or 49 freeze/thaw cycles with no greater than 500 g/m^2 loss of material. Freeze-thaw testing requirements shall be waived for applications not exposed to freezing conditions.
   6. Dimensional Tolerance: Exceeds tolerance requirements of ASTM C 936 for Concrete Paver.

C. Color and Texture: Provide fly ash pavers colored with pigments conforming to ASTM C 979, Solar Reflectance Index (SRI) calculated according to ASTM E 1980.
   1. Color: Natural, tumbled. with Solar Reflectance (SRI) of 29 or greater.
   2. Color: Natural, untumbled.
   3. Color: Tan, tumbled. with Solar Reflectance (SRI) of 29 or greater.
   4. Color: Tan, untumbled
   5. Color: Tangerine, tumbled.
   6. Color: Tangerine, untumbled.
   7. Color: Light Red, tumbled.
   8. Color: Light Red, untumbled.
   9. Color: Light Gray, tumbled.
   10. Color: Light Gray, untumbled.
   11. Color: Brown, tumbled.

12. Color: Brown, untumbled.
13. Color: Dark Red, tumbled.
14. Color: Dark Red, untumbled.
15. Color: Dark Gray, tumbled.
16. Color: Dark Gray, untumbled.
17. Color: Autumn Range, tumbled.
18. Color: Autumn Range, untumbled.
19. Color: Harvest Range, tumbled.
20. Color: Harvest Range, untumbled.
21. Color: Olive Range, tumbled.
22. Color: Olive Range, untumbled.
23. Color: Prairie Range, tumbled.
24. Color: Prairie Range, untumbled.
25. Color: As selected by Architect from manufacturer's full range.
26. Color: As indicated on Drawings.

D. Environmental Performance:
   1. Recycled Content: 37 percent post-industrial waste by weight, fly ash content.
   2. Embodied Energy: Not to exceed 1000 BTUs per paver, as certified by manufacturer.
   3. Carbon Footprint: Not to exceed 0.045 kg (0.1 lb) of carbon dioxide per paver, as certified by manufacturer.

E. Paving Cleaner: Cleaner type in compliance with manufacturer's instructions.
   1. Detergent type cleaner selected for each type of paver used and recommended in writing by paver manufacturer.
   2. Muriatic acid cleaners are not acceptable.

2.3 BEDDING AND JOINT SAND FOR STANDARD PAVER INSTALLATION

A. Bedding and Joint Sand:
   1. Provide bedding and joint sand as follows:
      a. Washed, clean, non-plastic, free from deleterious or foreign matter, symmetrically shaped, natural or manufactured from crushed rock.
      b. Do not use limestone screenings, stone dust, or sand for bedding sand material that does not conform to conform to grading requirements of ASTM C 33.
      c. Do not use mason sand or sand conforming to ASTM C 144 for bedding sand.

d. Where concrete pavers are subject to vehicular traffic, utilize sands that are as hard as practically available.
e. Sieve according to ASTM C 136.
f. Bedding Sand Material Requirements: Conform to the grading requirements of ASTM C 33 with modifications as shown below:
    1) Grading Requirements for Bedding Sand:
        (a) Sieve Size: 3/8 inch (9.5 mm).
            (1) Percent Passing: 100.
        (b) Sieve Size: No. 4 (4.75 mm).
            (1) Percent Passing: 95 to 100.
        (c) Sieve Size: No. 8 (2.36 mm).
            (1) Percent Passing: 85 to 100.
        (d) Sieve Size: No. 16 (1.18 mm).
            (1) Percent Passing: 50 to 85.
        (e) Sieve Size: No. 30 (0.600 mm).
            (1) Percent Passing: 25 to 60.
        (f) Sieve Size: No. 50 (0.300 mm).
            (1) Percent Passing: 10 to 30.
        (g) Sieve Size: No. 100 (0.150 mm).
            (1) Percent Passing: 2 to 10.
        (h) Sieve Size: No. 200 (0.075 mm).
            (1) Percent Passing: 0 to 1.
g. Joint Sand Material Requirements: Conform to the grading requirements of ASTM C 144 as shown with modifications below:
    1) Grading Requirements for Natural Joint Sand:
        (a) Sieve Size: No. 4 (4.75 mm).
            (1) Percent Passing: 100.
        (b) Sieve Size: No. 8 (2.36 mm).
            (1) Percent Passing: 95 to 100.
        (c) Sieve Size: No. 16 (1.18 mm).
            (1) Percent Passing: 70 to 100.
        (d) Sieve Size: No. 30 (0.600 mm).
            (1) Percent Passing: 40 to 75.
        (e) Sieve Size: No. 50 (0.300 mm).
            (1) Percent Passing: 10 to 35.
        (f) Sieve Size: No. 100 (0.150 mm).
            (1) Percent Passing: 2 to 15.
        (g) Sieve Size: No. 200 (0.075 mm).
            (1) Percent Passing: 0 to 1.
    2) Grading Requirements for Manufactured Joint Sand:

(a) Sieve Size: No. 4 (4.75 mm).
(1) Percent Passing: 100.
(b) Sieve Size: No. 8 (2.36 mm).
(1) Percent Passing: 95 to 100.
(c) Sieve Size: No. 16 (1.18 mm).
(1) Percent Passing: 70 to 100.
(d) Sieve Size: No. 30 (0.600 mm).
(1) Percent Passing: 40 to 100.
(e) Sieve Size: No. 50 (0.300 mm).
(1) Percent Passing: 20 to 40.
(f) Sieve Size: No. 100 (0.150 mm).
(1) Percent Passing: 10 to 25.
(g) Sieve Size: No. 200 (0.075 mm).
(1) Percent Passing: 0 to 10.

2.4 EDGE RESTRAINTS

A. Provide edge restraints installed around the perimeter of all interlocking concrete paving unit areas as follows:
1. Manufacturer: BrickStop Aluminum Paver Edging System, 1-1/2” Wide x 1-3/8” high x 8’-4” long anchored with 12” common spike or approved equal.

2.5 ACCESSORIES

A. Geotextile Fabric:
1. Material Type, Manufacturer and Description: Geotextile separation fabric Mirafi 160N.

PART 3 EXECUTION

3.1 EXAMINATION

A. Do not begin installation until substrates, subgrade and base have been properly prepared.

B. If substrate preparation is the responsibility of another installer, do not proceed with installation. Notify Architect of unsatisfactory preparation immediately.

C. Commencement of full installation represents acceptance of existing substrate conditions.

3.2 NON-PERMEABLE INSTALLATION

A. Comply with recommendations for installation, progress cleaning, and final cleaning of pavers in accordance with manufacturer's instructions and recommendations.

B. Install in accordance with ICPI publication Tech Spec No. 2, Construction of Interlocking Concrete Pavements
   1. Spread bedding sand evenly over the base course and screed to a nominal 1 inch (25 mm) thickness, not exceeding 1-1/2 inch (40 mm) thickness. Spread bedding sand evenly over the base course and screed rails, using the rails and/or edge restraints to produce a nominal 1 inch (25 mm) thickness, allowing for specified variation in the base surface.
      a. Do not disturb screeded sand.
      b. Screeded area shall not substantially exceed that which is covered by pavers in one day.
      c. Do not use bedding sand to fill depressions in the base surface.
   2. Lay pavers in patterns shown on Drawings. Place units hand tight without using hammers. Make horizontal adjustments to placement of laid pavers with rubber hammers and pry bars as required.
   3. Provide joints between pavers between 1/16 inch and 3/16 inch (2 mm and 5 mm) wide. No more than 5 percent of the joints shall exceed 1/4 inch (6 mm) wide to achieve straight bond lines.
   4. Joint (bond) lines shall not deviate more than +/-1/2 inch (+/- 15 mm) over 50 ft (15 m) from string lines.
   5. Fill gaps at the edges of the paved area with cut pavers or edge units.
   6. Cut pavers to be placed along edge with double blade paver splitter or masonry saw.

C. Do not use polymeric sands.

3.3 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

PART 4 METHOD OF MEASUREMENT

Unit Pavers will be measured by the number of square yards placed as shown in the contract documents, or as ordered by the Engineer.

PART 5 BASIS OF PAYMENT

The price bid per square yard of Unit Pavers shall include the cost of furnishing all labor, materials and equipment necessary to complete the work, including setting bedding and base material, as specified except that any necessary excavation will be paid for under the appropriate item.

Payment will be made under:

Item No.	**Item**	**Pay Unit**
191	Unit Pavers	Square Yards

END OF SECTION

BID AWARD ACKNOWLEDGEMENT

I, _____ on behalf of _____
(Name) (Identify Contractor/Vendor, i.e.: Self, Business or Corporate Entity)
acknowledge that I have read the bid specifications and all such terms and conditions, including the Town reservation of right to make purchases of materials, equipment, or supplies, or to contract for services, when available, through the county in which the political subdivision or district is located or through any county with-in the state as set forth in General Municipal Law 103(3) and the TOWN reserves the right to make purchases of materials, equipment, or supplies, or to contract for services available pursuant to sections one hundred sixty-one and one hundred sixty-seven of the state finance law through the office of general services as set forth in General Municipal Law 104 provided such purchase or service may be made upon the same terms, conditions and specifications at a lower price and fully understand and agree to all such terms and conditions set forth in the bid specifications.

Signature: _____

Print Name: _____

Title: _____

Dated: _____

TOWN OF RIVERHEAD
SUFFOLK COUNTY, NEW YORK

2015 ANNUAL CONSTRUCTION CONTRACT

FORM OF CONTRACT

FORM OF CONTRACT

THE TOWN OF RIVERHEAD 2014 ANNUAL CONSTRUCTION CONTRACT, RIVERHEAD, NEW YORK

CONTRACT DATED_____, 20 ____ BY AND BETWEEN THE TOWN OF RIVERHEAD (HEREIN CALLED THE "OWNER" AND _____ (HEREIN CALLED THE "CONTRACTOR")

WITNESSETH, the Town and the Contractor, in consideration of the premises and of the mutual covenants, considerations and agreements contained, agree as follows:

The Notice to Bidders, Instruction to Bidders, Proposal Form, Form of Bond, Conditions of Contract, General Conditions, Specifications, Form of Contract, Construction Drawings, and Plans, together with any Addenda, shall form part of this contract, and the provisions thereof shall be as binding upon the parties hereto as if they were herein fully set forth. The Table of Contents, title, heading, headlines and marginal notes contained herein are solely to facilitate reference to various provisions of the Contract Documents and in no way affect, limit or case light upon the interpretation of the provisions to which they refer. Whenever the term "Contract Documents" is used, it shall mean and include the Notice to Bidders, Instruction to Bidders, Proposal Form, Form of Bond, Conditions of Contract, General Conditions, Specifications, Form of Contract, Construction Drawings, and any Addenda. In case of any conflict or inconsistency between the provisions of the conditions of this contract shall govern.

IN WITNESS THEREOF, the parties hereunto set their hands and seals, and such of them as are corporations have caused these presents to be signed by their duly authorized officers.

NOTE: Quantities of any or all items may be increased, decreased or eliminated in their entirety at the option of the Town prior to or after award of the contract.
Total Bid

_____Dollars_____
(written in words) (figures)

ATTEST: TOWN OF RIVERHEAD

_____
SUPERVISOR

_____
CONTRACTOR

_____
TITLE

FORM OF CONTRACT

STATE OF NEW YORK
)
)ss:
COUNTY OF SUFFOLK)

On this _____ day of _____, 20_____ before me personally appeared _____.
(Town Supervisor)

The duly elected and qualified Supervisor of the Town of Riverhead, the corporation described in and which executed the foregoing instrument, to me known and known to me to be such Supervisor of the Town of Riverhead; and he being by me duly sworn did depose and say; that he is the Supervisor of the Town of Riverhead; that he resided at _____, Suffolk County, New York; that he knows the corporation seal of said Town of Riverhead; that the seal affixed to said instrument is such corporate seal; and that he executed the same as such Supervisor for the purpose herein mentioned.

_____
Notary Public

FORM OF CONTRACT

Acknowledgement by Contractor if a PARTNERSHIP

STATE OF NEW YORK)
)Ss:
COUNTY OF SUFFOLK)

On this _____ day of _____ 20 ___, before me personally appeared _____ to me known to by the person described in and who executed the foregoing instrument and who acknowledged to me that he executed the same.

_____
Notary Public

Acknowledgement by Contractor if a PARTNERSHIP

STATE OF NEW YORK)
)Ss:
COUNTY OF SUFFOLK)

On this _____ day of _____, 20 ___ before me personally came _____ to be known and known to be to a member of _____ the firm described in and which executed the foregoing instrument and he acknowledged to me that he subscribed the name of said firm thereto on behalf of said firm for the purpose therein mentioned.

_____
Notary Public

FORM OF CONTRACT

Acknowledgement by Contract if a CORPORATION

STATE OF NEW YORK)
)Ss:
COUNTY OF SUFFOLK)

On this _____ day of _____, 20 ___, before me personally came _____ to me known, who being by me duly sworn, did depose and say that he resides at _____of _____in the state of _____ that he is the _____of the _____ the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation; and that he signed his name thereto by like order.

_____
Notary Public