



**Town of Hanover**  
Department of Public Works  
40 Pond Street  
Hanover, Massachusetts 02339-1693  
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## **Invitation to Bid**

### **Hanover DPW**

### **Reconstruction of Rockland Street by Means of Rehabilitation and Reclaiming of Asphalt Pavement and Related Work**

The Town of Hanover, acting through its Town Manager, is requesting bids from responsible and responsive parties for the reconstruction of Rockland Street by means of rehabilitation and reclaiming of asphalt pavement. The work shall involve the preparation of an asphalt stabilized base course composed of a mixture of existing bituminous concrete pavement and the existing base course material, the placement of one 2-inch lift of binder, the excavation, fine grading, and compaction of driveway aprons, excavation of excess reclaimed materials, unclassified excavation, the adjustment/resetting of existing drainage structures, and related work. The estimated cost of the project is \$70,000. Prevailing wage rates as determined by the Department of Labor and Industries as specified in M.G.L. Chapter 149, sections 26 to 27F inclusively apply.

Rockland Street is a local road located off of Columbia Road (Route 53) in Hanover. The project area is approximately 1,100 feet long by 28 feet wide. Specifications for this project are available in the Office of the Hanover Department of Public Works, 40 Pond Street, Hanover, MA on or after on or after 8:00 am on July 31, 2013. Bid packages may also be downloaded from the Hanover DPW website, [www.hanoverdpw.org](http://www.hanoverdpw.org). Interested parties are advised to fully familiarize themselves with this specification and to visit the proposed job sites to fully understand the scope of work.

Sealed bids will be accepted at the Office of the Hanover DPW, 40 Pond Street, Hanover MA 02339 on the approved forms until 2:00 pm local time on August 15, 2013, at which time they will be opened and read aloud. A 5% bid bond or deposit is required.

All bidders must complete the attached Certificate of Non-Collusion, Bidder's Certification Regarding Payment of Prevailing Wages, Tax Compliance Certificate, Bidder's List of Proposed Equipment, and a Bidder's Qualification Form. Contractor prequalification from the Massachusetts Department of Transportation is required.

Victor J. Diniak  
Director of Public Works

**Invitation to Bid**  
**Hanover DPW**  
**Reconstruction of Rockland Street By Means of Rehabilitation**  
**And Reclaiming of Asphalt Pavement and Related Work**

**Section I: Project Description**

The Town of Hanover, acting through its Town Manager, is requesting bids from responsible and responsive parties for the reconstruction of Rockland Street by means of rehabilitation and reclaiming of asphalt pavement. The work shall involve the preparation of an asphalt stabilized base course composed of a mixture of existing bituminous concrete pavement and the existing base course material, the placement of one 2-inch lift of binder, the excavation, fine grading, and compaction of driveway aprons, excavation of excess reclaimed materials, unclassified excavation, the adjustment/resetting of existing drainage structures, and related work. The estimated cost of the project is \$70,000. Prevailing wage rates as determined by the Department of Labor and Industries as specified in M.G.L. Chapter 149, sections 26 to 27F inclusively apply.

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**Section II: Contractor's Responsibilities:**

**A. Scope of Services**

1. Mobilization and demobilization.
2. Provide all necessary labor, superintendence, machinery, equipment, materials, trucking, field engineering, and tools to execute the Description of Proposed Work under section II.E in quantities as directed by the Director of Public Works or his designee.
3. The intent of this project is to completely reconstruct Rockland Street from Columbia Road to Washington Street, including its paved surface, driveway approaches, the adjustment of drainage structures, the placement 2 inches of bituminous concrete binder, restoration of shoulders, and related work/ The roadway and existing base material of Rockland Street will be ground to a depth of 14-16 inches. Approximately 5.5 inches of excess material shall be removed to accommodate new asphalt. The ground material shall be graded to match the existing profile of the roadway to direct surface water runoff to existing drainage structures. The contractor shall then place a 2 inch compacted lift of bituminous concrete binder. An additional 2-inch compacted lift of binder and 1.5 inch lift of top will be placed by others. Finally, the shoulders shall be restored and the project cleaned up and closed out once the second lift of binder and the top coat have been placed.

**B. Dig Safe Notification**

1. The Contractor shall obtain a Dig-Safe number for this project, notify all utilities not covered by Dig Safe of the proposed

work, take all necessary means to protect utilities, including town and privately owned utilities, and be responsible for any damage to utilities as a result of the activities in the execution of this contract.

2. The Contractor shall exercise care not to disturb or break existing manholes, catch basins, valve boxes and other castings which may be located in the surface of the road.
3. Utilities that have been properly marked then disturbed or broken by the Contractor will be repaired by the Contractor.

### **C. Inherent costs included in proposal price**

1. Inherent in the vendor's price shall be fuel to operate vendor's equipment, necessary spare parts to execute the contract, travel costs, food and lodging for personnel, insurance including workmen's compensation, vehicle liability insurance, and general liability insurance, as well as any and all other incidental costs needed to faithfully execute the contract.

### **D. Additional Obligations of the Contractor**

1. The Contractor will maintain an agreed upon schedule subject to severe weather conditions.
2. The contractor shall have sufficient back-up equipment available to him in the event of breakdowns.
3. The Contractor shall have a supervisor or foreman available to direct operations and report to the Public Works Director or his designee any problems and progress.
4. It is the intent of these specifications to provide the Department with quality material, service and good product suitable for its road maintenance program. All items will be bid, delivered and installed and subject to the Superintendent of Public Works approval prior to final payment.
5. Contractor shall comply with all necessary and required insurance policies contained herein.
6. Provide all necessary safety equipment and signage to protect workers and abutters.
7. Provide and employ adequate dust control techniques such as the application of water and calcium chloride or some other approved dust control chemical to keep dust from this operation to a minimum.
8. Supply and maintain traffic control devices within the limits of work to adequately warn motorists and pedestrians of hazards.
9. Maintain mailbox locations to ensure continued delivery of mail to adjacent residences throughout the project.

### **E. Description of Proposed Work**

#### **Item 1: Field Engineering**

##### **A. Scope of Services**

1. This work shall consist of an initial field survey of the roadway and gutter profiles to establish the existing grade. Station numbers and benchmark elevations shall be established as part of this survey. This survey shall also establish the existing line and grade of the street and gutter lines within the limits of the proposed work as defined on the attached drawing. Notes of this survey shall be submitted to the Director of Public Works prior to commencing construction activities.
2. After the fine grading of the asphalt stabilized base course, a subsequent survey shall be performed to confirm that the profile of the roadway base will accommodate 5.5 inches of asphalt to return the road to a profile that will match as near as possible the pre-existing profile, and that the existing drainage will perform properly without low spots or puddling. Any deviations shall be brought to the attention to the Town for

further instructions.

3. Grade stakes shall be placed and maintained as defined in other sections of this specification.

## **B. Payment**

1. Payment shall be by lump sum.

## **Item 2: Asphalt Stabilized Base Course**

### **A. Scope of Services**

1. This work shall consist of the preparation of an asphalt stabilized base course composed of a mixture of the existing bituminous concrete pavement and the existing base course material. The manufacture of the stabilized base course shall be done by in-place pulverizing and blending to a minimum depth of twelve (12) to fourteen (14) inches of the existing pavement and base materials to produce a minimum of twelve (12) to fourteen (14) inches of recycled material. The remaining base material and/or subgrade may be modified to properly accommodate the asphalt stabilized base material. Any modification of this nature, if required, such as but not limited to the excavation and replacement of unsuitable materials and shaping and fine grading the subgrade, will be accomplished under separate payment items. Any movement of the asphalt stabilized base material to allow for these modifications is also to be accomplished under a separate payment item.
2. Work under this contract shall consist of the Contractor furnishing labor, equipment and materials to pulverize the in-place asphalt pavement and underlying material, spray water on the pulverized mass, then mix and/or blend the material again, spread and compact the resultant mixture to the lines and grades developed in item 1 or established by the DPW Director or his designee.

### **B. Equipment**

The equipment used by the Contractor shall include, but not be limited to, one or more of the following:

1. Reclaimer
  - a) Reclamation will be by means of a traveling rotary reclaimer or equivalent machine capable of cutting through existing asphalt at depths of a minimum of 16 inches with one pass.
  - b) The machine shall be self-propelled and equipped with an adjustable grading blade thus leaving its path generally smooth for traffic.
  - c) Equipment such as road planers or cold milling machines are not considered capable of achieving specification gradation.
2. Rollers
  - a) At least one vibratory roller shall be used on each reclaimed surface, and shall have a compacting width of not less than 5 feet.
  - b) Each roller shall have a gross weight of not less than 15 tons.
3. Grader
  - a) A motor grader shall be used for shaping and finishing the surface of the reclaimed base.

### **C. Layout of Work**

1. Grade stakes and offsets will be set every fifty (50) feet and elevations for subgrade and finish grade will be labeled on each grade stake.
2. Line and grading stakes shall be furnished by the Contractor.
3. All elevations will be set and checked by means of a transit.

4. Existing driveway aprons should be accounted for.
5. Sidelines will be established by means of a transit and set off the edge of the pavement at a distance of every fifty (50) feet.
6. All grades will be set and maintained in order that they will not be disturbed throughout the reconstruction process.

**D. Construction Methods**

1. The existing full flexible pavement structure and a predetermined depth of the underlying base materials shall be crushed/pulverized simultaneously with impact crushing and/or pulverizing/hammermill equipment. This simultaneous crushing/pulverizing shall blend the asphalt and base materials into a homogeneous mass wherein the increased fractured faces of the aggregate and the residual asphalt cement acquired from the existing pavement sections forms the desired dense base course.
2. The crushed/pulverized material shall meet the following gradation:

<u>Sieve Designation</u>	<u>Percent By Passing Weight</u>
3"	100
1-1/2"	70 - 90
3/4"	55 - 85
#4	40 - 75
#40	10 - 30
#200	2 - 10
Residual Asphalt Content	2 - Min.

3. After the material has been thoroughly worked as described in the description paragraph, it shall be shaped and graded to the required lines and elevations. Water shall be applied during the entire operation to ensure optimum moisture content at the time of compaction.
4. The restored cross-section shall be thoroughly compacted to a dense consolidated mass to not less than 95% of the maximum dry density of the material as determined by the Standard ASTM p-1557, D (Proctor Test) at optimum moisture content. Rolling shall be by means of not less than a 15 ton steel roller. The finished surface shall be tested for smoothness and accuracy of grade and if any portion is found to lack required smoothness or accuracy, such portion shall be rescarified, reshaped, recompact and otherwise manipulated until the required smoothness and accuracy are obtained. The finished surfaces shall be even and true to the proposed lines and grades within a tolerance of 1/2" above or below the required cross-sectional elevations and to a maximum irregularity not exceeding 1/2" under a ten (10) foot longitudinally. The contractor is responsible for all finish grades and is also responsible for insuring the proper drainage of all reconstructed areas.
5. In general, equipment such as rear mounted ripper crushers and cold milling or stabilizing road machines which are designed to mill or shred the existing bituminous concrete pavement structure rather than crush and fracture it, are not considered capable of achieving the desired specifications. Specifically the acquiring residual asphalt cement dispersion, and additional fractured aggregate surfaces have proven to produce higher structural value. The above mentioned machines also encounter great difficulty in reducing oversize cobbles that often occur in the base materials. It is the responsibility of each Contractor submitting proposals for the work to assure himself that the equipment and construction methods they intend to use are capable of complying with project specifications.
6. The attention of each Contractor submitting a proposal is directed to that portion of the project specifications which require the Contractor to demonstrate to the Town the ability of it's crew (s) and equipment to comply with the specification requirements and to do so at a rate of production consistent

with the time allowed under the contract. In submitting proposals for this work, the Contractors are required to identify specific equipment to be used on the project.

#### **E. Travel Restrictions**

The road shall be reconstructed utilizing one half (1/2) width at a time for passage of through traffic. Detours of traffic shall be determined by the Town. Construction area shall be completely open for traffic after each working day and water and calcium chloride or some dust control technique approved by the Director of Public Works applied to control dust.  
Access to all private property must be maintained at all times.  
Access for school busses and emergency vehicles must be maintained at all times

#### **F. Payment**

1. Payment shall be by square yard, as determined by the Director of Public Works or his designee. Square yards shall be the length (lineal feet) times the width (lineal feet) divided by nine.

### **Item 3: Excavation of Excess Reclaimed Material**

#### **A. Scope of Services**

1. The work shall consist of removal and disposal of any excess recycled material as directed by the Director of Public Works or his designee to obtain a compacted subbase profile that is approximately 5.5 inches below the original roadway surface profile. Said material shall become the property of the Town. The Town shall provide a proper dump site at the Highway Garage on Ames Way in Hanover for said material. Contractor is responsible for trucking said material to the dump site.

#### **B. Payment**

1. Payment shall be by cubic yard as determined by the Director of Public Works or his designee.

### **Item 4: Additional Grading**

#### **A. Scope of Services**

1. The work shall consist of additional rough and fine grading to achieve grade changes utilizing material that is not removed and disposed off site as directed by the Director of Public Works or his designee. The intent of this item is to account for the moving of material by motor grader to make additional spot adjustments of the profile and grade outside of that called for under items 1, 3, and 4.

#### **B. Payment**

1. Payment shall be by cubic yard as determined by the Director of Public Works or his designee.

### **Item 5: Excavate, Fine Grade, Compact, and pave Driveway Aprons**

#### **A. Scope of Services**

1. Work consists of cutting to line existing asphalt driveways, removal of existing asphalt, excavation to subgrade of existing material, related filling with suitable gravel or reclamate, necessary hand work,

compaction to subgrade, and paving of driveway aprons. Quantity of driveways to be determined as directed by the Director of Public Works or his designee.

### **B. Construction Methods**

1. Contractor shall at all times provide for hazard free access to driveways for residents and businesses. Driveways shall be saw cut as directed by the Engineer. Existing pavement and underlying material shall be excavated to accommodate a base of at least six inches of reclamation material generate from payment item 2 and 3.5 additional inches of bituminous concrete. Base shall be properly compacted and graded.
2. Temporary driveway openings shall be maintained until such time as the roadway is topped (by the Town).

### **C. Payment**

1. Payment shall be by square yard, as determined by the Director of Public Works or his designee. Square yards shall be the length (lineal feet) times the width (lineal feet) divided by nine.

## **Item 6: Adjust/Reset Existing Drainage Structures**

### **A. Scope of Services**

1. The work shall consist of the initial removal and storage of drainage castings to prevent damage during the proposed grinding operation, temporarily replacing said castings with steel plates (to be supplied by the contractor), and the temporary adjustment of drainage structures to the level of the binder once the first lift of binder has been applied. The Town will, under a separate contract, be responsible for the final adjusting/remodeling of existing drainage structures within the project area after the Town has applied the second lift of binder.

### **B. Materials**

1. Materials used under this item shall conform to those specified in the Section 220 of the Massachusetts Highway Department Standard Specifications for Road and Bridge Construction.

### **C. Construction Methods**

1. Prior to the start of reconstruction, the contractor shall remove and store all castings from structures within the work area. Masonry shall be removed as required to allow for placing a steel plate (supplied by the contractor) over each structure, with the steel plate being at least sixteen (16) inches to eighteen (18) inches below the proposed grade of the reconstructed roadway. The Contractor shall make provisions to accommodate storm water runoff during the period any catch basins are covered with plates. The Contractor shall obtain a minimum of three (3) "tie" dimensions for each structure.
2. Upon placement of the first lift of binder, the contractor shall temporarily raise and reset structures to the level of the binder to accommodate temporary drainage. The Contractor is responsible for furnishing all materials necessary to perform structure readjustment. Cement brick is not allowed. Castings shall be secured to the block structure and sealed with concrete. Concrete shall then be applied to a level no greater than the bottom of the first lift of bituminous concrete pavement. The Town shall be responsible for backfilling from the top of the concrete to the top of the bituminous concrete pavement.

### **D. Payment**

1. Payment shall be on a per structure basis, quantities as determined by the Director of Public Works or his designee.

**Item 7: Placement of 1<sup>st</sup> lift of asphalt binder**

**A. Scope of Services**

1. The work under this item is intended to place a 2-inch compacted lift of bituminous concrete binder over the fine graded subbase.

**B. Materials**

1. All materials shall meet the current Massachusetts Highway Department specifications for said material.

**C. Construction Methods**

1. Placement of material shall take place after the contractor has verified and demonstrated to the town that the fine graded subbase is at the proper elevation. Placement shall take place as quickly as is reasonably practical to prevent deterioration of the subbase by traffic or weather.
2. Placement and compaction of materials shall be performed by a power paver (8 foot minimum) in accordance with the standards of the Massachusetts Highway Department.
3. During the machine placement of materials, the contractor shall maintain strict quality control standards regarding temperature and quality of material, depth of material, slopes, smoothness, compaction, etc...

**D. Payment**

1. Payment shall be on a per ton basis for the materials in place measured through verifiable weight slips. Pricing shall be adjusted per the guideline listed in section IX Price Adjustments

**Item 8: Unclassified Excavation**

**A. Scope of Services**

1. The work shall consist of removal and disposal of all materials not covered by any other payment item as directed by the Director of Public Works or his designee. Town will provide site for disposal - Contractor to provide trucks.

**B. Payment**

1. Payment shall be by cubic yard as determined by the Director of Public Works or his designee.

**Section III: Town of Hanover’s Responsibilities**

**A. Traffic Control and Pedestrian Safety**

1. The Town of Hanover will provide sufficient police details at no additional cost to the contractor to ensure the safe and orderly flow of traffic and pedestrians through the job site.



## **B. Potable Water**

1. The Town of Hanover will provide potable water to assist in the execution of this project at no cost to the vendor. Water will be supplied from a metered hydrant to the contractor's equipment. Contractor is responsible for providing an air gap or other suitable means of backflow/cross connection control to prevent contamination of the Town's public water supply. Hydrants will be operated solely by Town of Hanover personnel.

## **C. Other**

1. The Town shall do any necessary clearing and grubbing, reset signs, and provide warning signs at either end of the job site.
2. The Public Works Director or his designee shall oversee all work.

## **Section IV: Information to Bidders**

### **A. General**

1. The foregoing Invitation for Bids, a copy of which has been published according to law, and the "General Requirements and Covenants", of the Standard Specifications for Highway and Bridges, by the State Highway Department of the Commonwealth of Massachusetts, as amended to date, shall in general constitute the Institution to Bidders which govern the preparation and submission of Proposals. The articles referred to in the Standard Specifications are subject to further amendments in order to relate to the Party of the First Part being the Town of Hanover acting through its Department of Public Works.
2. The attached drawing describing the proposed work is designed to illustrate the overall scope of the reconstruction project. The drawing is not to scale nor should it be used for construction or estimating purposes. The work proposed by this invitation to bid is strictly limited to that which is listed in the specification. Quantities listed on the bid form are estimates only to be used to evaluate bids in a uniform manner. It is the bidder's responsibility to visit the proposed job site and become thoroughly familiar with the existing conditions before placing a bid.

### **B. Guarantee**

1. Proposals must be accompanied by a properly certified check or bid bond in the amount of 5% of the proposed bid payable to the Town of Hanover.
2. Pursuant to M.G.L. chapter 30, section 39M, the winning contractor shall provide a labor and materials payment bond of 50% of the estimated contract price.

### **C. Insurance**

1. Workmen's Compensation Insurance, Disability, Unemployment Compensation
  - A. The contractor will provide and maintain, and shall require its subcontractors to provide and maintain, all required insurance for its employees, including disability, worker's compensation, and unemployment compensation, in accordance with the laws of the Commonwealth of Massachusetts.
2. Motor Vehicle and General Liability Insurance
  - A. The contractor shall provide and maintain, and shall require its subcontractors to provide and maintain appropriate motor vehicle and comprehensive general liability insurance covering property damage and personal injuries in amounts equal to or greater than those currently carried by the Town. The current minimum amounts shall be general liability of at least \$1,000,000 bodily injury and property damage liability per occurrence and \$3,000,000 aggregate. The minimum amounts of automobile liability insurance shall be at least \$1,000,000 bodily injury and property damage per accident.

The vendor and any subcontractor it uses, shall provide the Town of Hanover with certificates of insurance evidencing the insurance required by this paragraph, which shall name the Town as an "additional insured" and include a thirty day notice of cancellation to the Town.

#### **D. Prosecution and Progress**

1. The contractor shall commence work when directed after execution of the contract. The Contractor shall pay to the Town of Hanover the sum of five hundred (\$500.00) dollars per day for each day required by him to complete the work prescribed herein beyond the time stipulated in the proposal, said sum to compensate the Town of Hanover for all damages suffered due to the failure of the contractor to fully complete said work on or before specified date of completion.

#### **E. Prevailing Wage**

1. Pursuant to M.G.L., the contractor shall pay all personnel involved in the execution of this contract the prevailing local union wage for such activities. The prevailing wage rates as determined by the Commonwealth of Massachusetts, Department of Labor and Workforce Development as specified in M.G.L. Chapter 149, sections 26 to 27F inclusively apply and are attached.
2. The contractor is required to record the hours worked and wages paid to each employee and shall provide the town with certification that the prevailing wages have been paid and a copy of these records on a weekly basis.

#### **F. Additional Required Documentation**

1. All bidders must complete attached Certificate of Non-Collusion, Bidder's Certification Regarding Payment of Prevailing Wages, Tax Compliance Certificate, and a Bidder's Qualification Form.
2. Per Massachusetts General Laws, all employees who are to be employed at the worksite and employees of subcontractors shall have successfully completed a course in construction safety approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time that the employee begins work. All covered employees must carry documentation of OSHA 10 training when they are on the worksite or be able to immediately direct a representative of the Attorney General's Office (AGO) to where documentation is kept on the worksite. In the event that a covered employee cannot provide documentation for a representative of the AGO while the representative is on site, the employee will be required to leave the worksite until documentation is provided to the AGO. Contractor shall supply certification of said compliance with each pay requisition. Any person found on the worksite without documentation of successful training is subject to immediate removal.

#### **G. Questions and Addenda**

1. All questions regarding this specification shall be made in writing and must be received on or before 4:00 pm local time on 08/09/2013. Answers to said questions will be posted in a PDF format to the Hanover DPW website ([www.hanoverdpw.org](http://www.hanoverdpw.org)) by 12:00 pm local time on 08/12/2013. It is the responsibility of bidders to check the website for updates. By submitting a bid, bidders acknowledge that their bids are based on all addenda that have been posted on the website.

### **Section V: Project Timetable**

#### **A. Hours of Work**

1. Equipment may be operated Monday through Friday, 7 am through 4 pm. The contractor shall clean up as the project progresses. All equipment shall be off of the road by 4 pm. Additional hours may be allowed, at the Town's sole discretion, based on a demonstration of compelling need by the contractor and a demonstration that the operation of equipment will not disturb the peace and tranquility of the surrounding neighborhood.

#### **B. Project Commencement**

1. The project shall commence between September 1, 2013 and September 15, 2013, unless otherwise authorized by the

Director of Public Works.

### **C. Project Completion**

1. The vendor shall use due diligence to complete this project in a timely manner. All work shall be completed on or before September 30, 2013, unless otherwise authorized by the Director of Public Works.

## **Section VI: Pricing Structure and Rule for Award**

### **A. Rule for award**

1. One contract will be awarded to the responsive and responsible bidder offering the lowest overall price for the completed project based on the unit prices and estimated quantities on the bid form. The Town will check arithmetic on the bid form in its determination of lowest overall contract price. If there is a discrepancy between the overall price presented and the price determined by multiplying unit prices by estimated quantities on the bid form, the unit prices shall prevail and the discrepancy considered a minor informality which may or may not be waived at the Town's sole discretion.

### **B. Price Structure**

1. Pricing shall be based on unit prices as described under each item in section II.E listed above and as proposed on the bid form. The quantities of work described in the proposal are estimated requirements and actual quantities required may be more or less than the estimated amounts. The quantities indicated in the accompanying schedule are estimated in order to make a comparison of all bids.
2. The Town will assign an inspector who will locate prescribed work areas, and determine final measurements of all payment items applied for payment purposes.

## **Section VII: Payments**

### **A. Terms**

1. The payment terms of this contract shall be net 30.
2. The Town of Hanover is Tax Exempt.

## **Section VIII: Right to Suspend/Terminate Work**

### **A. Town's Rights**

1. The town retains the exclusive right to suspend/terminate the project based on the quality of the work or the failure of the contractor to meet any of the requirements of this specification. The decision to suspend or terminate rests solely with the Director of Public Works for the Town of Hanover whose decision is final.

### **B. Contractor's Rights**

1. Should the Town terminate or suspend the project, the contractor's sole recourse shall be collection of the percentage of the total contract work completed, based on the full width linear feet completed, less any charges the Town incurs to clean abutting properties and complete any unfinished work on the area already pulverized.

## **Section IX. Price Adjustments**

1. Per Mass Highway directives (document 00811 and document 00812), the actual price paid for bituminous concrete purchased and placed under this contract shall be subject to price adjustments based on the price of liquid asphalt and diesel fuel as published on the Massachusetts Highway Department's website (<http://www.mhd.state.ma.us> under "Construction Publications"). The base prices for the duration of this contract shall be the published price for liquid asphalt (July 2013 new method \$607.50 per ton) and the published price for diesel fuel (June 2013 new method \$3.301 per gallon). The billed amount for materials furnished under this contract shall be the quoted price on this bid form. Price adjustments for fluctuations in liquid asphalt and diesel fuel shall be shown as separate line items, based on the tons of bituminous concrete supplied. The amount of these price adjustments shall be as defined below.
2. Monthly liquid asphalt price adjustments for hot mix asphalt (HMA) mixtures:
  1. Base Price: The base price per ton of liquid asphalt shall be as listed in item IV.1 above
  2. Period Price: The period price shall be the "New Asphalt Price" for the month the material was purchased and placed as listed on Mass Highway's website.
  3. Contract Price: The contract price will be the per ton price as quoted on the bid sheet. The price adjustment, as herein provided, upwards or downwards, will be made after the work has been performed, using the monthly period price for the month during which the work was performed.
  4. Adjustment Price: The adjustment price applies only to the actual liquid asphalt content in the mixture placed on the job in accordance with Mass Highway's Standard Specifications for Highways and Bridges, Division III, Section M3.11.03. It shall be determined by multiplying the number of tons of hot mix asphalt mixtures placed during each monthly period times the liquid asphalt content percentage times the variance in price between the base price and period price of liquid asphalt. The price adjustment will be paid only if the variance from the Base Price is 5% or more for the monthly period. The complete adjustment will be paid in all cases with no deduction of the 5% from either upward or downward adjustments.
  5. In all cases, the vendor shall provide certification prepared and signed in ink under the penalties of perjury of the virgin liquid asphalt percentage of the material provided as supporting information for any claims for price adjustments.
3. Monthly price adjustments for diesel fuel:
  1. The monthly fuel price adjustment is inserted in this contract because the national and worldwide energy situation has made the future cost of fuel unpredictable. This adjustment will provide for either additional compensation to the contractor or repayment to the Town, depending on an increase or decrease in the average price of diesel fuel.
  2. This adjustment will be based on fuel usage factors for surfacing work as determined by Highway Research Board in Circular 168 dated July 1974 and outlined in Mass Highway document 00812. A factor of 2.90 gallons of fuel per ton of material placed shall be utilized in this contract.
  3. Base Price: The Base Price of diesel fuel will be shall be as listed in item IV.1 above.
  4. Period Price: The period price shall be the "New Diesel Price" for the month the material was purchased and placed as listed on Mass Highway's website. This price is the average of prices charged to the Commonwealth of Massachusetts, including state tax, for the bulk purchases made each month.
  5. Adjustment Price: The price adjustment will be paid only if the variance of the Period Price from the Base Price is 5% or more for the monthly period. The complete adjustment will be paid in all cases with no deduction of the 5% from either upward or downward adjustments. The adjustment price shall be defined as the fuel factor (2.90) times the tons of hot mix asphalt applied times the difference between the period price and the base price.

## Section X: Bid Form

To: Director of Public Works  
 Town of Hanover  
 40 Pond Street  
 Hanover, MA 02339-1693

The undersigned hereby proposes to supply all labor, superintendence, machinery, equipment, materials, trucking, and tools to perform the work of street reconstruction by means of rehabilitation and reclaiming of asphalt pavement and related work on Rockland Street in the Town of Hanover. All work shall be in compliance with the specifications listed above. In submitting a bid, the undersigned acknowledges he/she fully understands the project and the existing conditions, and has reviewed and understands any addenda related to this project posted on the Hanover DPW's website (www.hanoverdpw.org).

The Town of Hanover shall receive sealed bids at the office of the Hanover DPW, 40 Pond Street, Hanover MA 02339 until 2:00 pm local time on August 15, 2013 at which time they will be opened and read aloud. All bid forms must be either typewritten or written in ink. All signatures must be in ink.

The Town of Hanover is tax exempt.

Bid prices shall be considered firm until September 1, 2013.

Estimated quantities are for bid comparisons only. Contract will be awarded based on the rule for award listed in this specification.

<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total</u>
1. Field Engineering	<u>lump sum</u>	_____	_____
2. Reclaim Base Course up to 12" depth, Rough Grade, Fine Grade	<u>3,300</u> sq yds	_____ /sq yd	_____
3. Excavation of Excess Reclaimed Material	<u>550</u> cubic yds	_____ /cu yd	_____
4. Additional Grading as ordered	<u>100</u> cubic yds	_____ /cu yd	_____
5. Excavate, Fine Grade, compact And Pave Driveways	<u>265</u> sq yds	_____ /sq yd	_____
6. Adjust Catch Basins and Manholes	<u>4</u> structures	_____ /structure	_____
7. Place 1 <sup>st</sup> lift of binder	<u>370</u> tons	_____ /ton	_____
8. Unclassified Excavation	<u>25</u> cubic yds	_____ /cu yd	_____

Estimated Total Contract Price in Figures: \_\_\_\_\_

Estimated Total Contract Price in Words: \_\_\_\_\_

\_\_\_\_\_  
Company

\_\_\_\_\_  
Address

\_\_\_\_\_  
Address

\_\_\_\_\_  
Date

By \_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Telephone

The Town of Hanover reserves the right to reject any and all bids should it be deemed in the best interest of the Town to do so. All bidders must complete the attached Certificate of Non-Collusion, Bidder's Certification Regarding Payment of Prevailing Wages, Tax Compliance Certificate, and Bidder's Qualification Form. Contractor prequalification from the Massachusetts Department of Transportation is required. In addition bids must contain a 5% bid bond, statement of compliance with Mass Highway standards for materials, and list of equipment intended for use in servicing this contract.

CERTIFICATE OF NON-COLLUSION

The undersigned certifies under penalties of perjury that this bid has been made and submitted in good faith and without collusion or fraud with any other person.

As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

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(Signature of Individual signing/submitting the bid)

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(Name of person signing bid)

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(Name of business)

TAX COMPLIANCE CERTIFICATE

Pursuant to M.G.L. Chapter 62C, Section 49A, I certify under the penalties of perjury that I, to my best knowledge and belief, have filed all State tax returns and paid all State taxes required under law.

\_\_\_\_\_  
Social Security Number  
or Federal Identification  
Number

\_\_\_\_\_  
Signature of Individual or  
Corporation

\_\_\_\_\_  
Corporate Officer  
(If Applicable)

Date: \_\_\_\_\_



BIDDER'S QUALIFICATION FORM

1. Name of Bidder:

2. Permanent Main Office Address:

3. When Incorporated (If Applicable):

4. Where Incorporated (If Applicable):

5. How many years have you been engaged in the contracting business under your present firm name:

6. Contracts on Hand: (Type of project, client, gross amount, estimated completion date):

7. General character of work performed by your company:

8. Have you ever failed to complete any work awarded to you?

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, where, when and why:

9. Have you ever defaulted on a contract?

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, where, when and why:

10. List the more important projects, similar to the work of this contract, recently completed by your company, stating the name, address and telephone number of the owner, name and location of similar project, approximate cost for each, and time period of contract performance (month and year started/month and year completed).

11. List your major equipment available for this contract.

12. With what banks do you do business?

13. Do you grant the Awarding Authority permission to contact this (these) institution(s)?

Yes \_\_\_\_\_ No \_\_\_\_\_

Dated at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
By

\_\_\_\_\_  
Title

COMMONWEALTH OF MASSACHUSETTS

\_\_\_\_\_ being duly sworn, deposes and says that he is

\_\_\_\_\_ of \_\_\_\_\_ and that the  
Title Name of Organization

answers to the foregoing questions and all statements contained therein are true and correct.

Sworn to me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Notary

My commission expires \_\_\_\_\_

BIDDER'S CERTIFICATION REGARDING

PAYMENT OF PREVAILING WAGES

The undersigned bidder hereby certifies, under the pains and penalties of perjury, the foregoing bid is based upon the payment to laborers to be employed on the project of wages in an amount no less than the applicable prevailing wage rates established for the project by the Massachusetts Department of Labor and Industries. The undersigned bidder agrees to indemnify the awarding authority for, from and against any loss, expense, damages, action or claims, including any expense incurred in connection with any delay or stoppage of the project work, arising out of or as a result of (1) the failure of the said bid to be based upon the payment of the said applicable prevailing wage rates or (2) the failure of the bidder, if selected as the contractor, to pay laborers employed on the project the said applicable prevailing wage rates.

\_\_\_\_\_

Date

\_\_\_\_\_

Name of Bidder

\_\_\_\_\_

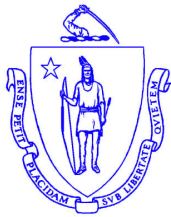
By (Signature)

\_\_\_\_\_

By (Printed)

\_\_\_\_\_

Title



THE COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF LABOR  
**DIVISION OF OCCUPATIONAL SAFETY**  
PREVAILING WAGE PROGRAM  
[www.mass.gov/dos/pw](http://www.mass.gov/dos/pw)

The Massachusetts Prevailing Wage Law  
**M.G.L. c. 149, §§26-27**

**NOTICE TO AWARDING AUTHORITIES**

- The enclosed wage schedule applies only to the specific project listed at the top of the schedule, and these rates will remain in effect for the duration of the project.
- You should request an updated wage schedule from the Division of Occupational Safety if you have not opened bids or selected a contractor within 90 days of the date of issuance of the enclosed wage schedule.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project for which it has been issued.
- Once a contractor has been selected by the awarding authority, the wage schedule shall be made a part of the contract for that project.

**NOTICE TO CONTRACTORS**

- The enclosed wage schedule must be posted in a conspicuous place at the work site during the life of the project.
- The wages listed on the enclosed wage schedule must be paid to employees on public works projects regardless of whether they are employed by the prime contractor, a filed sub-bidder, or any sub-contractor.
- The enclosed wage schedule applies to all phases of the project, including the final clean-up. Contractors whose only role is to perform final clean-up must pay their employees according to this wage schedule.
- All apprentices must be registered with the Massachusetts Division of Apprenticeship Training (DAT) in order to be paid at the lower apprentice rates. All apprentices must keep his/her apprentice identification card on his/her person during all work hours. If a worker is not registered with DAT, they must be paid the "total rate" listed on the wage schedule regardless of experience or skill level. For further information, please call 617-626-5409, or write to DAT, 19 Staniford Street, Floor 1, P.O. Box 146759, Boston, MA 02114.

**WEEKLY PAYROLL RECORDS REPORT  
& STATEMENT OF COMPLIANCE**

In accordance with Massachusetts General Law c. 149, §27B, a true and accurate record must be kept of all persons employed on the public works project for which the enclosed rates have been provided. A Payroll Form has been printed on the reverse of this page and includes all the information required to be kept by law. Every contractor or subcontractor is required to keep these records and preserve them for a period of three years from the date of completion of the contract.

In addition, every contractor and subcontractor is required to submit a copy of their weekly payroll records to the awarding authority. For every week in which an apprentice is employed, a photocopy of the apprentice's identification card must be attached to the payroll report. Once collected, the awarding authority is also required to preserve those records for three years.

In addition, each such contractor, subcontractor, or public body shall furnish to the awarding authority directly, within fifteen days after completion of its portion of the work a statement, executed by the contractor, subcontractor or public body who supervises the payment of wages, in the following form:

<p><b>STATEMENT OF COMPLIANCE</b></p> <p style="text-align: center;">_____, 20____</p> <p>I, _____, _____</p> <p style="text-align: center;">(Name of signatory party) (Title)</p> <p>do hereby state:</p> <p style="text-align: center;">That I pay or supervise the payment of the persons employed by</p> <p>_____ on the _____</p> <p style="text-align: center;">(Contractor, subcontractor or public body) (Building or project)</p> <p>and that all mechanics and apprentices, teamsters, chauffeurs and laborers employed on said project have been paid in accordance with wages determined under the provisions of sections twenty-six and twenty-seven of chapter one hundred and forty nine of the General Laws.</p> <p style="text-align: right;">Signature _____</p> <p style="text-align: right;">Title _____</p>	
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# MASSACHUSETTS WEEKLY CERTIFIED PAYROLL REPORT FORM



<b>Company's Name:</b>		<b>Address:</b>					<b>Phone No.:</b>			<b>Payroll No.:</b>								
<b>Employer's Signature:</b>		<b>Title:</b>					<b>Contract No.:</b>		<b>Tax Payer ID No.:</b>		<b>Work Week Ending:</b>							
<b>Awarding Authority's Name:</b>		<b>Public Works Project Name:</b>					<b>Public Works Project Location:</b>			<b>Min. Wage Rate Sheet No.:</b>								
<b>General / Prime Contractor's Name:</b>		<b>Subcontractor's Name:</b>					<b>"Employer" Hourly Fringe Benefit Contributions</b>											
													(B+C+D+E)    (A x F)					
Employee Name & Complete Address	Work Classification:	Appr. Rate (%)	Hours Worked							Project Hours (A) All Other Hours	Hourly Base Wage (B)	Health & Welfare Insurance (C')	ERISA Pension Plan (D)	Supp. Unemp. (E)	Total Hourly Prev. Wage (F)	Project Gross Wages (G)		Check No. (H)
			Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.							Total Gross Wages		

**NOTE:** Pursuant to MGL Ch. 149 s.27B, every contractor and subcontractor is required to submit a "true and accurate" copy of their weekly payroll records directly to the awarding authority. Failure to comply may result in the commencement of a criminal action or the issuance of a civil citation.

<b>Date recieved by awarding authority</b> / /
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DEVAL L. PATRICK  
Governor  
TIMOTHY P. MURRAY  
Lt. Governor

THE COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT  
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the  
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN  
Secretary  
HEATHER E. ROWE  
Director

**Awarding Authority:** Town of Hanover DPW  
**Contract Number:** Rockland St **City/Town:** HANOVER  
**Description of Work:** Full depth reconstruction of Rockland Street  
**Job Location:** Rockland Street

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**Information about Prevailing Wage Schedules for Awarding Authorities and Contractors**

- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the “Wage Request Number” on all pages of this schedule.
- Awarding authorities must request an updated wage schedule from the Department of Labor Standards (“DLS”) if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. Once a contractor has been selected by the awarding authority, the wage schedule shall be made a part of the contract for that project. The wage schedule must be posted in a conspicuous place at the work site during the life of the project in accordance with M.G.L. c. 149, § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project regardless of whether they are employed by the prime contractor, a filed sub-bidder, or any sub-contractor.
- All apprentices working on the project are required to be registered with the Massachusetts Division of Apprentice Training (DAT). Apprentices must keep his/her apprentice identification card on his/her person during all work hours on the project. If an apprentice rate is listed on the prevailing wage schedule for the trade in which an apprentice is registered with the DAT, the apprentice may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **If an apprentice rate is not listed on the prevailing wage schedule for the trade in which an apprentice is registered with the DAT, the apprentice must be paid the journeyworker’s rate for the trade.**
- The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule. Awarding authorities are required to request these updates no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. Contractors are required to obtain the wage schedules from awarding authorities, and to pay no less than these rates to covered workers. The annual update requirement is not applicable to 27F “rental of equipment” contracts.
- Every contractor or subcontractor which performs construction work on the project is required to submit weekly payroll reports directly to the awarding authority and keep them on file for three years. Each weekly payroll report must contain: the employee’s name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. A sample of a payroll reporting form may be obtained at <http://www.mass.gov/dols/pw>.
- Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may report the violation to the Fair Labor Division of the office of the Attorney General at (617) 727-3465.
- Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and criminal penalties.

<b>Classification</b>	<b>Effective Date</b>	<b>Base Wage</b>	<b>Health</b>	<b>Pension</b>	<b>Supplemental Unemployment</b>	<b>Total Rate</b>
<b>Construction</b>						
(2 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2012	\$30.45	\$8.91	\$8.00	\$0.00	\$47.36
(3 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2012	\$30.52	\$8.91	\$8.00	\$0.00	\$47.43
(4 & 5 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2012	\$30.64	\$9.07	\$8.00	\$0.00	\$47.71
ADS/SUBMERSIBLE PILOT <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2012	\$82.32	\$9.80	\$17.67	\$0.00	\$109.79
	08/01/2013	\$85.47	\$9.80	\$17.67	\$0.00	\$112.94
	08/01/2014	\$88.62	\$9.80	\$17.67	\$0.00	\$116.09
	08/01/2015	\$91.77	\$9.80	\$17.67	\$0.00	\$119.24
AIR TRACK OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	12/01/2013	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	06/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	12/01/2014	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	06/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	12/01/2015	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	06/01/2016	\$33.60	\$7.10	\$11.80	\$0.00	\$52.50
	12/01/2016	\$34.35	\$7.10	\$11.80	\$0.00	\$53.25
For apprentice rates see "Apprentice- LABORER"						
ASBESTOS REMOVER - PIPE / MECH. EQUIPT. <i>HEAT &amp; FROST INSULATORS LOCAL 6 (BOSTON)</i>	06/01/2013	\$29.88	\$10.40	\$5.95	\$0.00	\$46.23
	12/01/2013	\$30.68	\$10.40	\$5.95	\$0.00	\$47.03
	06/01/2014	\$31.58	\$10.40	\$5.95	\$0.00	\$47.93
	12/01/2014	\$32.48	\$10.40	\$5.95	\$0.00	\$48.83
	06/01/2015	\$33.43	\$10.40	\$5.95	\$0.00	\$49.78
	12/01/2015	\$34.38	\$10.40	\$5.95	\$0.00	\$50.73
ASPHALT RAKER <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
ASPHALT/CONCRETE/CRUSHER PLANT-ON SITE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$40.34	\$10.00	\$13.55	\$0.00	\$63.89
	12/01/2013	\$41.12	\$10.00	\$13.55	\$0.00	\$64.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BACKHOE/FRONT-END LOADER <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$40.34	\$10.00	\$13.55	\$0.00	\$63.89
	12/01/2013	\$41.12	\$10.00	\$13.55	\$0.00	\$64.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						



Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
BARCO-TYPE JUMPING TAMPER <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
BLOCK PAVER, RAMMER / CURB SETTER <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	12/01/2013	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	06/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	12/01/2014	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	06/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	12/01/2015	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	06/01/2016	\$33.60	\$7.10	\$11.80	\$0.00	\$52.50
	12/01/2016	\$34.35	\$7.10	\$11.80	\$0.00	\$53.25
For apprentice rates see "Apprentice- LABORER"						
BOILER MAKER <i>BOILERMAKERS LOCAL 29</i>	01/01/2010	\$37.70	\$6.97	\$11.18	\$0.00	\$55.85

**Apprentice - BOILERMAKER - Local 29**

**Effective Date - 01/01/2010**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$24.51	\$6.97	\$11.18	\$0.00	\$42.66
2	65	\$24.51	\$6.97	\$11.18	\$0.00	\$42.66
3	70	\$26.39	\$6.97	\$11.18	\$0.00	\$44.54
4	75	\$28.28	\$6.97	\$11.18	\$0.00	\$46.43
5	80	\$30.16	\$6.97	\$11.18	\$0.00	\$48.31
6	85	\$32.05	\$6.97	\$11.18	\$0.00	\$50.20
7	90	\$33.93	\$6.97	\$11.18	\$0.00	\$52.08
8	95	\$35.82	\$6.97	\$11.18	\$0.00	\$53.97

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING) <i>BRICKLAYERS LOCAL 3 (QUINCY)</i>	02/01/2013	\$47.41	\$10.18	\$17.83	\$0.00	\$75.42
	08/01/2013	\$48.06	\$10.18	\$18.15	\$0.00	\$76.39
	02/01/2014	\$48.62	\$10.18	\$18.15	\$0.00	\$76.95
	08/01/2014	\$49.52	\$10.18	\$18.22	\$0.00	\$77.92
	02/01/2015	\$50.08	\$10.18	\$18.22	\$0.00	\$78.48
	08/01/2015	\$50.98	\$10.18	\$18.29	\$0.00	\$79.45
	02/01/2016	\$51.55	\$10.18	\$18.29	\$0.00	\$80.02
	08/01/2016	\$52.45	\$10.18	\$18.37	\$0.00	\$81.00
	02/01/2017	\$53.02	\$10.18	\$18.37	\$0.00	\$81.57

**Apprentice - BRICK/PLASTER/CEMENT MASON - Local 3 Quincy**

**Effective Date - 02/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.71	\$10.18	\$17.83	\$0.00	\$51.72
2	60	\$28.45	\$10.18	\$17.83	\$0.00	\$56.46
3	70	\$33.19	\$10.18	\$17.83	\$0.00	\$61.20
4	80	\$37.93	\$10.18	\$17.83	\$0.00	\$65.94
5	90	\$42.67	\$10.18	\$17.83	\$0.00	\$70.68

**Effective Date - 08/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.03	\$10.18	\$18.15	\$0.00	\$52.36
2	60	\$28.84	\$10.18	\$18.15	\$0.00	\$57.17
3	70	\$33.64	\$10.18	\$18.15	\$0.00	\$61.97
4	80	\$38.45	\$10.18	\$18.15	\$0.00	\$66.78
5	90	\$43.25	\$10.18	\$18.15	\$0.00	\$71.58

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

BULLDOZER/GRADER/SCRAPER OPERATING ENGINEERS LOCAL 4	06/01/2013	\$39.96	\$10.00	\$13.55	\$0.00	\$63.51
	12/01/2013	\$40.74	\$10.00	\$13.55	\$0.00	\$64.29

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CAISSON & UNDERPINNING BOTTOM MAN LABORERS - FOUNDATION AND MARINE	06/01/2013	\$34.20	\$7.10	\$12.60	\$0.00	\$53.90
	12/01/2013	\$34.95	\$7.10	\$12.60	\$0.00	\$54.65
	06/01/2014	\$35.70	\$7.10	\$12.60	\$0.00	\$55.40
	12/01/2014	\$36.45	\$7.10	\$12.60	\$0.00	\$56.15
	06/01/2015	\$37.20	\$7.10	\$12.60	\$0.00	\$56.90
	12/01/2015	\$37.95	\$7.10	\$12.60	\$0.00	\$57.65
	06/01/2016	\$38.70	\$7.10	\$12.60	\$0.00	\$58.40
	12/01/2016	\$39.70	\$7.10	\$12.60	\$0.00	\$59.40

For apprentice rates see "Apprentice- LABORER"

CAISSON & UNDERPINNING LABORER LABORERS - FOUNDATION AND MARINE	06/01/2013	\$33.05	\$7.10	\$12.60	\$0.00	\$52.75
	12/01/2013	\$33.80	\$7.10	\$12.60	\$0.00	\$53.50
	06/01/2014	\$34.55	\$7.10	\$12.60	\$0.00	\$54.25
	12/01/2014	\$35.30	\$7.10	\$12.60	\$0.00	\$55.00
	06/01/2015	\$36.05	\$7.10	\$12.60	\$0.00	\$55.75
	12/01/2015	\$36.80	\$7.10	\$12.60	\$0.00	\$56.50
	06/01/2016	\$37.55	\$7.10	\$12.60	\$0.00	\$57.25
	12/01/2016	\$38.55	\$7.10	\$12.60	\$0.00	\$58.25

For apprentice rates see "Apprentice- LABORER"

<b>Classification</b>	<b>Effective Date</b>	<b>Base Wage</b>	<b>Health</b>	<b>Pension</b>	<b>Supplemental Unemployment</b>	<b>Total Rate</b>
CAISSON & UNDERPINNING TOP MAN <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2013	\$33.05	\$7.10	\$12.60	\$0.00	\$52.75
	12/01/2013	\$33.80	\$7.10	\$12.60	\$0.00	\$53.50
	06/01/2014	\$34.55	\$7.10	\$12.60	\$0.00	\$54.25
	12/01/2014	\$35.30	\$7.10	\$12.60	\$0.00	\$55.00
	06/01/2015	\$36.05	\$7.10	\$12.60	\$0.00	\$55.75
	12/01/2015	\$36.80	\$7.10	\$12.60	\$0.00	\$56.50
	06/01/2016	\$37.55	\$7.10	\$12.60	\$0.00	\$57.25
	12/01/2016	\$38.55	\$7.10	\$12.60	\$0.00	\$58.25
For apprentice rates see "Apprentice- LABORER"						
CARBIDE CORE DRILL OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
CARPENTER <i>CARPENTERS -ZONE 2 (Eastern Massachusetts)</i>	03/01/2013	\$33.92	\$9.80	\$15.61	\$0.00	\$59.33
	09/01/2013	\$34.53	\$9.80	\$15.61	\$0.00	\$59.94
	03/01/2014	\$35.13	\$9.80	\$15.61	\$0.00	\$60.54
	09/01/2014	\$35.90	\$9.80	\$15.61	\$0.00	\$61.31
	03/01/2015	\$36.67	\$9.80	\$15.61	\$0.00	\$62.08

**Apprentice - CARPENTER - Zone 2 Eastern MA**

**Effective Date - 03/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.96	\$9.80	\$1.57	\$0.00	\$28.33
2	60	\$20.35	\$9.80	\$1.57	\$0.00	\$31.72
3	70	\$23.74	\$9.80	\$10.90	\$0.00	\$44.44
4	75	\$25.44	\$9.80	\$10.90	\$0.00	\$46.14
5	80	\$27.14	\$9.80	\$12.47	\$0.00	\$49.41
6	80	\$27.14	\$9.80	\$12.47	\$0.00	\$49.41
7	90	\$30.53	\$9.80	\$14.04	\$0.00	\$54.37
8	90	\$30.53	\$9.80	\$14.04	\$0.00	\$54.37

**Effective Date - 09/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.27	\$9.80	\$1.57	\$0.00	\$28.64
2	60	\$20.72	\$9.80	\$1.57	\$0.00	\$32.09
3	70	\$24.17	\$9.80	\$10.90	\$0.00	\$44.87
4	75	\$25.90	\$9.80	\$10.90	\$0.00	\$46.60
5	80	\$27.62	\$9.80	\$12.47	\$0.00	\$49.89
6	80	\$27.62	\$9.80	\$12.47	\$0.00	\$49.89
7	90	\$31.08	\$9.80	\$14.04	\$0.00	\$54.92
8	90	\$31.08	\$9.80	\$14.04	\$0.00	\$54.92

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

CEMENT MASONRY/PLASTERING	07/01/2013	\$42.68	\$10.90	\$18.71	\$1.30	\$73.59
BRICKLAYERS LOCAL 3 (QUINCY)	01/01/2014	\$43.60	\$10.90	\$18.71	\$1.30	\$74.51
	07/01/2014	\$44.20	\$10.90	\$18.71	\$1.30	\$75.11
	01/01/2015	\$45.14	\$10.90	\$18.71	\$1.30	\$76.05
	07/01/2015	\$45.72	\$10.90	\$18.71	\$1.30	\$76.63
	01/01/2016	\$46.64	\$10.90	\$18.71	\$1.30	\$77.55

**Classification**

**Effective Date    Base Wage    Health    Pension    Supplemental Unemployment    Total Rate**

**Apprentice - CEMENT MASONRY/PLASTERING - Eastern Mass (Quincy)**

**Effective Date - 07/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.34	\$10.90	\$12.21	\$1.30	\$45.75
2	60	\$25.61	\$10.90	\$13.71	\$1.30	\$51.52
3	65	\$27.74	\$10.90	\$14.71	\$1.30	\$54.65
4	70	\$29.88	\$10.90	\$15.71	\$1.30	\$57.79
5	75	\$32.01	\$10.90	\$16.71	\$1.30	\$60.92
6	80	\$34.14	\$10.90	\$17.71	\$1.30	\$64.05
7	90	\$38.41	\$10.90	\$18.71	\$1.30	\$69.32

**Effective Date - 01/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.80	\$10.90	\$12.21	\$1.30	\$46.21
2	60	\$26.16	\$10.90	\$13.71	\$1.30	\$52.07
3	65	\$28.34	\$10.90	\$14.71	\$1.30	\$55.25
4	70	\$30.52	\$10.90	\$15.71	\$1.30	\$58.43
5	75	\$32.70	\$10.90	\$16.71	\$1.30	\$61.61
6	80	\$34.88	\$10.90	\$17.71	\$1.30	\$64.79
7	90	\$39.24	\$10.90	\$18.71	\$1.30	\$70.15

**Notes:**

Steps 3,4 are 500 hrs. All other steps are 1,000 hrs.

**Apprentice to Journeyworker Ratio:1:3**

CHAIN SAW OPERATOR LABORERS - ZONE 2	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

CLAM SHELLS/SLURRY BUCKETS/HEADING MACHINES OPERATING ENGINEERS LOCAL 4	06/01/2013	\$41.34	\$10.00	\$13.55	\$0.00	\$64.89
	12/01/2013	\$42.12	\$10.00	\$13.55	\$0.00	\$65.67

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

COMPRESSOR OPERATOR OPERATING ENGINEERS LOCAL 4	06/01/2013	\$28.19	\$10.00	\$13.55	\$0.00	\$51.74
	12/01/2013	\$28.74	\$10.00	\$13.55	\$0.00	\$52.29

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

DELEADER (BRIDGE) PAINTERS LOCAL 35 - ZONE 2	01/01/2013	\$45.01	\$7.80	\$15.60	\$0.00	\$68.41
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**Apprentice - PAINTER Local 35 - BRIDGES/TANKS**

**Effective Date - 01/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.51	\$7.80	\$0.00	\$0.00	\$30.31
2	55	\$24.76	\$7.80	\$3.52	\$0.00	\$36.08
3	60	\$27.01	\$7.80	\$3.84	\$0.00	\$38.65
4	65	\$29.26	\$7.80	\$4.16	\$0.00	\$41.22
5	70	\$31.51	\$7.80	\$13.68	\$0.00	\$52.99
6	75	\$33.76	\$7.80	\$14.00	\$0.00	\$55.56
7	80	\$36.01	\$7.80	\$14.32	\$0.00	\$58.13
8	90	\$40.51	\$7.80	\$14.96	\$0.00	\$63.27

**Notes:**  
Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

DEMO: ADZEMAN LABORERS - ZONE 2	12/01/2011	\$31.80	\$7.10	\$12.45	\$0.00	\$51.35
For apprentice rates see "Apprentice- LABORER"						
DEMO: BACKHOE/LOADER/HAMMER OPERATOR LABORERS - ZONE 2	12/01/2011	\$32.80	\$7.10	\$12.45	\$0.00	\$52.35
For apprentice rates see "Apprentice- LABORER"						
DEMO: BURNERS LABORERS - ZONE 2	12/01/2011	\$32.55	\$7.10	\$12.45	\$0.00	\$52.10
For apprentice rates see "Apprentice- LABORER"						
DEMO: CONCRETE CUTTER/SAWYER LABORERS - ZONE 2	12/01/2011	\$32.80	\$7.10	\$12.45	\$0.00	\$52.35
For apprentice rates see "Apprentice- LABORER"						
DEMO: JACKHAMMER OPERATOR LABORERS - ZONE 2	12/01/2011	\$32.55	\$7.10	\$12.45	\$0.00	\$52.10
For apprentice rates see "Apprentice- LABORER"						
DEMO: WRECKING LABORER LABORERS - ZONE 2	12/01/2011	\$31.80	\$7.10	\$12.45	\$0.00	\$51.35
For apprentice rates see "Apprentice- LABORER"						
DIRECTIONAL DRILL MACHINE OPERATOR OPERATING ENGINEERS LOCAL 4	06/01/2013	\$39.96	\$10.00	\$13.55	\$0.00	\$63.51
	12/01/2013	\$40.74	\$10.00	\$13.55	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
DIVER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2012	\$54.88	\$9.80	\$17.67	\$0.00	\$82.35
	08/01/2013	\$56.98	\$9.80	\$17.67	\$0.00	\$84.45
	08/01/2014	\$59.08	\$9.80	\$17.67	\$0.00	\$86.55
	08/01/2015	\$61.18	\$9.80	\$17.67	\$0.00	\$88.65
DIVER TENDER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2012	\$54.88	\$9.80	\$17.67	\$0.00	\$82.35
	08/01/2013	\$56.98	\$9.80	\$17.67	\$0.00	\$84.45
	08/01/2014	\$59.08	\$9.80	\$17.67	\$0.00	\$86.55
	08/01/2015	\$61.18	\$9.80	\$17.67	\$0.00	\$88.65

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DIVER TENDER (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2012	\$58.80	\$9.80	\$17.67	\$0.00	\$86.27
	08/01/2013	\$61.05	\$9.80	\$17.67	\$0.00	\$88.52
	08/01/2014	\$63.30	\$9.80	\$17.67	\$0.00	\$90.77
	08/01/2015	\$65.55	\$9.80	\$17.67	\$0.00	\$93.02
DIVER/SLURRY (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2012	\$82.32	\$9.80	\$17.67	\$0.00	\$109.79
	08/01/2013	\$85.47	\$9.80	\$17.67	\$0.00	\$112.94
	08/01/2014	\$88.62	\$9.80	\$17.67	\$0.00	\$116.09
	08/01/2015	\$91.77	\$9.80	\$17.67	\$0.00	\$119.24
ELECTRICIAN <i>ELECTRICIANS LOCAL 223</i>	09/01/2012	\$35.73	\$7.95	\$10.36	\$0.00	\$54.04
	09/01/2013	\$36.41	\$8.45	\$10.56	\$0.00	\$55.42

**Apprentice - ELECTRICIAN - Local 223**

**Effective Date - 09/01/2012**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$14.29	\$0.00	\$0.43	\$0.00	\$14.72
2	42	\$15.01	\$0.00	\$0.45	\$0.00	\$15.46
3	45	\$16.08	\$7.95	\$0.48	\$0.00	\$24.51
4	48	\$17.15	\$7.95	\$2.91	\$0.00	\$28.01
5	50	\$17.87	\$7.95	\$3.05	\$0.00	\$28.87
6	55	\$19.65	\$7.95	\$3.34	\$0.00	\$30.94
7	60	\$21.44	\$7.95	\$3.65	\$0.00	\$33.04
8	65	\$23.22	\$7.95	\$3.95	\$0.00	\$35.12
9	70	\$25.01	\$7.95	\$4.26	\$0.00	\$37.22
10	75	\$26.80	\$7.95	\$4.55	\$0.00	\$39.30

**Effective Date - 09/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$14.56	\$0.00	\$0.44	\$0.00	\$15.00
2	42	\$15.29	\$0.00	\$0.46	\$0.00	\$15.75
3	45	\$16.38	\$8.45	\$0.49	\$0.00	\$25.32
4	48	\$17.48	\$8.45	\$2.97	\$0.00	\$28.90
5	50	\$18.21	\$8.45	\$3.10	\$0.00	\$29.76
6	55	\$20.03	\$8.45	\$3.40	\$0.00	\$31.88
7	60	\$21.85	\$8.45	\$3.72	\$0.00	\$34.02
8	65	\$23.67	\$8.45	\$4.02	\$0.00	\$36.14
9	70	\$25.49	\$8.45	\$4.33	\$0.00	\$38.27
10	75	\$27.31	\$8.45	\$4.64	\$0.00	\$40.40

**Notes:**

Steps are 750 hours

**Apprentice to Journeyworker Ratio:2:3\*\*\***

ELEVATOR CONSTRUCTOR <i>ELEVATOR CONSTRUCTORS LOCAL 4</i>	01/01/2012	\$52.45	\$8.78	\$6.96	\$0.00	\$68.19
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**Apprentice - ELEVATOR CONSTRUCTOR - Local 4**

**Effective Date - 01/01/2012**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.23	\$8.78	\$0.00	\$0.00	\$35.01
2	55	\$28.85	\$8.78	\$6.96	\$0.00	\$44.59
3	65	\$34.09	\$8.78	\$6.96	\$0.00	\$49.83
4	70	\$36.72	\$8.78	\$6.96	\$0.00	\$52.46
5	80	\$41.96	\$8.78	\$6.96	\$0.00	\$57.70

**Notes:**  
Steps 1-2 are 6 mos.; Steps 3-5 are 1 year

**Apprentice to Journeyworker Ratio:1:1**

ELEVATOR CONSTRUCTOR HELPER <i>ELEVATOR CONSTRUCTORS LOCAL 4</i>	01/01/2012	\$38.59	\$8.78	\$6.96	\$0.00	\$54.33
FENCE & GUARD RAIL ERECTOR <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
FIELD ENG.INST.PERSON-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2013	\$38.50	\$10.00	\$13.02	\$0.00	\$61.52
	11/01/2013	\$39.26	\$10.00	\$13.02	\$0.00	\$62.28
	05/01/2014	\$40.03	\$10.00	\$13.02	\$0.00	\$63.05
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FIELD ENG.PARTY CHIEF-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2013	\$39.91	\$10.00	\$13.02	\$0.00	\$62.93
	11/01/2013	\$40.68	\$10.00	\$13.02	\$0.00	\$63.70
	05/01/2014	\$41.45	\$10.00	\$13.02	\$0.00	\$64.47
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FIELD ENG.ROD PERSON-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2013	\$21.17	\$10.00	\$13.02	\$0.00	\$44.19
	11/01/2013	\$21.63	\$10.00	\$13.02	\$0.00	\$44.65
	05/01/2014	\$22.08	\$10.00	\$13.02	\$0.00	\$45.10
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FIRE ALARM INSTALLER <i>ELECTRICIANS LOCAL 223</i>	09/01/2012	\$35.73	\$7.95	\$10.36	\$0.00	\$54.04
	09/01/2013	\$36.41	\$8.45	\$10.56	\$0.00	\$55.42
For apprentice rates see "Apprentice- ELECTRICIAN"						
FIRE ALARM REPAIR / MAINTENANCE / COMMISSIONING <i>ELECTRICIANS LOCAL 223</i>	09/01/2012	\$30.37	\$7.95	\$8.80	\$0.00	\$47.12
	09/01/2013	\$30.95	\$8.45	\$8.98	\$0.00	\$48.38
For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"						
FIREMAN (ASST. ENGINEER) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$33.73	\$10.00	\$13.55	\$0.00	\$57.28
	12/01/2013	\$34.39	\$10.00	\$13.55	\$0.00	\$57.94
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						



Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FLAGGER & SIGNALER LABORERS - ZONE 2	06/01/2013	\$20.50	\$7.10	\$11.80	\$0.00	\$39.40
	12/01/2013	\$20.50	\$7.10	\$11.80	\$0.00	\$39.40
	06/01/2014	\$20.50	\$7.10	\$11.80	\$0.00	\$39.40
	12/01/2014	\$20.50	\$7.10	\$11.80	\$0.00	\$39.40
	06/01/2015	\$20.50	\$7.10	\$11.80	\$0.00	\$39.40
	12/01/2015	\$20.50	\$7.10	\$11.80	\$0.00	\$39.40
	06/01/2016	\$20.50	\$7.10	\$11.80	\$0.00	\$39.40
	12/01/2016	\$20.50	\$7.10	\$11.80	\$0.00	\$39.40

For apprentice rates see "Apprentice- LABORER"

FLOORCOVERER FLOORCOVERERS LOCAL 2168 ZONE 1	03/01/2013	\$38.61	\$9.80	\$16.71	\$0.00	\$65.12
	09/01/2013	\$38.61	\$9.80	\$16.71	\$0.00	\$65.12
	03/01/2014	\$38.61	\$9.80	\$16.71	\$0.00	\$65.12

**Apprentice - FLOORCOVERER - Local 2168 Zone 1**

**Effective Date - 03/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.31	\$9.80	\$1.79	\$0.00	\$30.90
2	55	\$21.24	\$9.80	\$1.79	\$0.00	\$32.83
3	60	\$23.17	\$9.80	\$11.34	\$0.00	\$44.31
4	65	\$25.10	\$9.80	\$11.34	\$0.00	\$46.24
5	70	\$27.03	\$9.80	\$13.13	\$0.00	\$49.96
6	75	\$28.96	\$9.80	\$13.13	\$0.00	\$51.89
7	80	\$30.89	\$9.80	\$14.92	\$0.00	\$55.61
8	85	\$32.82	\$9.80	\$14.92	\$0.00	\$57.54

**Effective Date - 09/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.31	\$9.80	\$1.79	\$0.00	\$30.90
2	55	\$21.24	\$9.80	\$1.79	\$0.00	\$32.83
3	60	\$23.17	\$9.80	\$11.34	\$0.00	\$44.31
4	65	\$25.10	\$9.80	\$11.34	\$0.00	\$46.24
5	70	\$27.03	\$9.80	\$13.13	\$0.00	\$49.96
6	75	\$28.96	\$9.80	\$13.13	\$0.00	\$51.89
7	80	\$30.89	\$9.80	\$14.92	\$0.00	\$55.61
8	85	\$32.82	\$9.80	\$14.92	\$0.00	\$57.54

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

FORK LIFT/CHERRY PICKER OPERATING ENGINEERS LOCAL 4	06/01/2013	\$40.34	\$10.00	\$13.55	\$0.00	\$63.89
	12/01/2013	\$41.12	\$10.00	\$13.55	\$0.00	\$64.67

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GENERATOR/LIGHTING PLANT/HEATERS OPERATING ENGINEERS LOCAL 4	06/01/2013	\$28.19	\$10.00	\$13.55	\$0.00	\$51.74
	12/01/2013	\$28.74	\$10.00	\$13.55	\$0.00	\$52.29

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) <i>GLAZIERS LOCAL 35 (ZONE 2)</i>	01/01/2013	\$35.51	\$7.80	\$14.60	\$0.00	\$57.91

**Apprentice - GLAZIER - Local 35 Zone 2**

**Effective Date - 01/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.76	\$7.80	\$0.00	\$0.00	\$25.56
2	55	\$19.53	\$7.80	\$3.25	\$0.00	\$30.58
3	60	\$21.31	\$7.80	\$3.54	\$0.00	\$32.65
4	65	\$23.08	\$7.80	\$3.84	\$0.00	\$34.72
5	70	\$24.86	\$7.80	\$12.83	\$0.00	\$45.49
6	75	\$26.63	\$7.80	\$13.13	\$0.00	\$47.56
7	80	\$28.41	\$7.80	\$13.42	\$0.00	\$49.63
8	90	\$31.96	\$7.80	\$14.01	\$0.00	\$53.77

**Notes:**  
Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

HOISTING ENGINEER/CRANES/GRADALLS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$40.34	\$10.00	\$13.55	\$0.00	\$63.89
	12/01/2013	\$41.12	\$10.00	\$13.55	\$0.00	\$64.67

**Classification**

**Effective Date   Base Wage   Health   Pension   Supplemental Unemployment   Total Rate**

**Apprentice - OPERATING ENGINEERS - Local 4**

**Effective Date - 06/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$22.19	\$10.00	\$0.00	\$0.00	\$32.19
2	60	\$24.20	\$10.00	\$13.55	\$0.00	\$47.75
3	65	\$26.22	\$10.00	\$13.55	\$0.00	\$49.77
4	70	\$28.24	\$10.00	\$13.55	\$0.00	\$51.79
5	75	\$30.26	\$10.00	\$13.55	\$0.00	\$53.81
6	80	\$32.27	\$10.00	\$13.55	\$0.00	\$55.82
7	85	\$34.29	\$10.00	\$13.55	\$0.00	\$57.84
8	90	\$36.31	\$10.00	\$13.55	\$0.00	\$59.86

**Effective Date - 12/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$22.62	\$10.00	\$0.00	\$0.00	\$32.62
2	60	\$24.67	\$10.00	\$13.55	\$0.00	\$48.22
3	65	\$26.73	\$10.00	\$13.55	\$0.00	\$50.28
4	70	\$28.78	\$10.00	\$13.55	\$0.00	\$52.33
5	75	\$30.84	\$10.00	\$13.55	\$0.00	\$54.39
6	80	\$32.90	\$10.00	\$13.55	\$0.00	\$56.45
7	85	\$34.95	\$10.00	\$13.55	\$0.00	\$58.50
8	90	\$37.01	\$10.00	\$13.55	\$0.00	\$60.56

**Notes:**

**Apprentice to Journeyworker Ratio:1:6**

HVAC (DUCTWORK) <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	02/01/2013	\$42.32	\$9.82	\$18.24	\$2.11	\$72.49
For apprentice rates see "Apprentice- SHEET METAL WORKER"						
HVAC (ELECTRICAL CONTROLS) <i>ELECTRICIANS LOCAL 223</i>	09/01/2012	\$35.73	\$7.95	\$10.36	\$0.00	\$54.04
	09/01/2013	\$36.41	\$8.45	\$10.56	\$0.00	\$55.42
For apprentice rates see "Apprentice- ELECTRICIAN"						
HVAC (TESTING AND BALANCING - AIR) <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	02/01/2013	\$42.32	\$9.82	\$18.24	\$2.11	\$72.49
For apprentice rates see "Apprentice- SHEET METAL WORKER"						
HVAC (TESTING AND BALANCING - WATER) <i>PLUMBERS &amp; PIPEFITTERS LOCAL 51</i>	03/01/2013	\$34.96	\$10.80	\$15.35	\$0.00	\$61.11
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HVAC MECHANIC <i>PLUMBERS &amp; PIPEFITTERS LOCAL 51</i>	03/01/2013	\$34.96	\$10.80	\$15.35	\$0.00	\$61.11
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HYDRAULIC DRILLS <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	12/01/2013	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	06/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	12/01/2014	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	06/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	12/01/2015	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	06/01/2016	\$33.60	\$7.10	\$11.80	\$0.00	\$52.50
	12/01/2016	\$34.35	\$7.10	\$11.80	\$0.00	\$53.25
For apprentice rates see "Apprentice- LABORER"						
INSULATOR (PIPES & TANKS) <i>HEAT &amp; FROST INSULATORS LOCAL 6 (BOSTON)</i>	09/01/2012	\$41.46	\$10.65	\$11.50	\$0.00	\$63.61
	09/01/2013	\$43.06	\$10.65	\$11.50	\$0.00	\$65.21
	09/01/2014	\$45.06	\$10.65	\$11.50	\$0.00	\$67.21

**Apprentice - ASBESTOS INSULATOR (Pipes & Tanks) - Local 6 Boston**

**Effective Date - 09/01/2012**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.73	\$10.65	\$8.60	\$0.00	\$39.98
2	60	\$24.88	\$10.65	\$9.18	\$0.00	\$44.71
3	70	\$29.02	\$10.65	\$9.76	\$0.00	\$49.43
4	80	\$33.17	\$10.65	\$10.34	\$0.00	\$54.16

**Effective Date - 09/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.53	\$10.65	\$8.60	\$0.00	\$40.78
2	60	\$25.84	\$10.65	\$9.18	\$0.00	\$45.67
3	70	\$30.14	\$10.65	\$9.76	\$0.00	\$50.55
4	80	\$34.45	\$10.65	\$10.34	\$0.00	\$55.44

**Notes:**

Steps are 1 year

**Apprentice to Journeyworker Ratio:1:4**

IRONWORKER/WELDER <i>IRONWORKERS LOCAL 7 (BOSTON AREA)</i>	03/16/2013	\$40.23	\$7.70	\$18.35	\$0.00	\$66.28
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**Classification**

**Effective Date    Base Wage    Health    Pension    Supplemental Unemployment    Total Rate**

**Apprentice - IRONWORKER - Local 7 Boston**

**Effective Date - 03/16/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$24.14	\$7.70	\$18.35	\$0.00	\$50.19
2	70	\$28.16	\$7.70	\$18.35	\$0.00	\$54.21
3	75	\$30.17	\$7.70	\$18.35	\$0.00	\$56.22
4	80	\$32.18	\$7.70	\$18.35	\$0.00	\$58.23
5	85	\$34.20	\$7.70	\$18.35	\$0.00	\$60.25
6	90	\$36.21	\$7.70	\$18.35	\$0.00	\$62.26

**Notes:**

\*\* Structural 1:6; Ornamental 1:4

**Apprentice to Journeyworker Ratio:\*\***

JACKHAMMER & PAVING BREAKER OPERATOR LABORERS - ZONE 2	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

LABORER LABORERS - ZONE 2	06/01/2013	\$29.85	\$7.10	\$11.80	\$0.00	\$48.75
	12/01/2013	\$30.35	\$7.10	\$11.80	\$0.00	\$49.25
	06/01/2014	\$30.85	\$7.10	\$11.80	\$0.00	\$49.75
	12/01/2014	\$31.35	\$7.10	\$11.80	\$0.00	\$50.25
	06/01/2015	\$31.85	\$7.10	\$11.80	\$0.00	\$50.75
	12/01/2015	\$32.35	\$7.10	\$11.80	\$0.00	\$51.25
	06/01/2016	\$32.85	\$7.10	\$11.80	\$0.00	\$51.75
	12/01/2016	\$33.60	\$7.10	\$11.80	\$0.00	\$52.50

**Classification**

**Effective Date   Base Wage   Health   Pension   Supplemental Unemployment   Total Rate**

**Apprentice - LABORER - Zone 2**

**Effective Date - 06/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$17.91	\$7.10	\$11.80	\$0.00	\$36.81
2	70	\$20.90	\$7.10	\$11.80	\$0.00	\$39.80
3	80	\$23.88	\$7.10	\$11.80	\$0.00	\$42.78
4	90	\$26.87	\$7.10	\$11.80	\$0.00	\$45.77

**Effective Date - 12/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$18.21	\$7.10	\$11.80	\$0.00	\$37.11
2	70	\$21.25	\$7.10	\$11.80	\$0.00	\$40.15
3	80	\$24.28	\$7.10	\$11.80	\$0.00	\$43.18
4	90	\$27.32	\$7.10	\$11.80	\$0.00	\$46.22

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

LABORER: CARPENTER TENDER LABORERS - ZONE 2	06/01/2013	\$29.85	\$7.10	\$11.80	\$0.00	\$48.75
	12/01/2013	\$30.35	\$7.10	\$11.80	\$0.00	\$49.25
	06/01/2014	\$30.85	\$7.10	\$11.80	\$0.00	\$49.75
	12/01/2014	\$31.35	\$7.10	\$11.80	\$0.00	\$50.25
	06/01/2015	\$31.85	\$7.10	\$11.80	\$0.00	\$50.75
	12/01/2015	\$32.35	\$7.10	\$11.80	\$0.00	\$51.25
	06/01/2016	\$32.85	\$7.10	\$11.80	\$0.00	\$51.75
	12/01/2016	\$33.60	\$7.10	\$11.80	\$0.00	\$52.50

For apprentice rates see "Apprentice- LABORER"

LABORER: CEMENT FINISHER TENDER LABORERS - ZONE 2	06/01/2013	\$29.85	\$7.10	\$11.80	\$0.00	\$48.75
	12/01/2013	\$30.35	\$7.10	\$11.80	\$0.00	\$49.25
	06/01/2014	\$30.85	\$7.10	\$11.80	\$0.00	\$49.75
	12/01/2014	\$31.35	\$7.10	\$11.80	\$0.00	\$50.25
	06/01/2015	\$31.85	\$7.10	\$11.80	\$0.00	\$50.75
	12/01/2015	\$32.35	\$7.10	\$11.80	\$0.00	\$51.25
	06/01/2016	\$32.85	\$7.10	\$11.80	\$0.00	\$51.75
	12/01/2016	\$33.60	\$7.10	\$11.80	\$0.00	\$52.50

For apprentice rates see "Apprentice- LABORER"

LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER LABORERS - ZONE 2	12/01/2011	\$29.35	\$7.10	\$11.55	\$0.00	\$48.00
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For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: MASON TENDER <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
LABORER: MULTI-TRADE TENDER <i>LABORERS - ZONE 2</i>	06/01/2013	\$29.85	\$7.10	\$11.80	\$0.00	\$48.75
	12/01/2013	\$30.35	\$7.10	\$11.80	\$0.00	\$49.25
	06/01/2014	\$30.85	\$7.10	\$11.80	\$0.00	\$49.75
	12/01/2014	\$31.35	\$7.10	\$11.80	\$0.00	\$50.25
	06/01/2015	\$31.85	\$7.10	\$11.80	\$0.00	\$50.75
	12/01/2015	\$32.35	\$7.10	\$11.80	\$0.00	\$51.25
	06/01/2016	\$32.85	\$7.10	\$11.80	\$0.00	\$51.75
	12/01/2016	\$33.60	\$7.10	\$11.80	\$0.00	\$52.50
For apprentice rates see "Apprentice- LABORER"						
LABORER: TREE REMOVER <i>LABORERS - ZONE 2</i>	06/01/2013	\$29.85	\$7.10	\$11.80	\$0.00	\$48.75
	12/01/2013	\$30.35	\$7.10	\$11.80	\$0.00	\$49.25
	06/01/2014	\$30.85	\$7.10	\$11.80	\$0.00	\$49.75
	12/01/2014	\$31.35	\$7.10	\$11.80	\$0.00	\$50.25
	06/01/2015	\$31.85	\$7.10	\$11.80	\$0.00	\$50.75
	12/01/2015	\$32.35	\$7.10	\$11.80	\$0.00	\$51.25
	06/01/2016	\$32.85	\$7.10	\$11.80	\$0.00	\$51.75
	12/01/2016	\$33.60	\$7.10	\$11.80	\$0.00	\$52.50
This classification applies to the wholesale removal of standing trees including all associated trimming of branches and limbs, and applies to the removal of branches at locations not on or around utility lines. For apprentice rates see "Apprentice- LABORER"						
LASER BEAM OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
MARBLE & TILE FINISHERS <i>BRICKLAYERS LOCAL 3 - MARBLE &amp; TILE</i>	02/01/2013	\$36.20	\$10.18	\$16.51	\$0.00	\$62.89
	08/01/2013	\$36.66	\$10.18	\$16.83	\$0.00	\$63.67
	02/01/2014	\$37.11	\$10.18	\$16.83	\$0.00	\$64.12
	08/01/2014	\$37.82	\$10.18	\$16.90	\$0.00	\$64.90
	02/01/2015	\$38.27	\$10.18	\$16.90	\$0.00	\$65.35
	08/01/2015	\$38.98	\$10.18	\$16.97	\$0.00	\$66.13
	02/01/2016	\$39.43	\$10.18	\$16.97	\$0.00	\$66.58
	08/01/2016	\$40.13	\$10.18	\$17.05	\$0.00	\$67.36
	02/01/2017	\$40.59	\$10.18	\$17.05	\$0.00	\$67.82

**Apprentice - MARBLE & TILE FINISHER - Local 3 Marble & Tile**

**Effective Date - 02/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.10	\$10.18	\$16.51	\$0.00	\$44.79
2	60	\$21.72	\$10.18	\$16.51	\$0.00	\$48.41
3	70	\$25.34	\$10.18	\$16.51	\$0.00	\$52.03
4	80	\$28.96	\$10.18	\$16.51	\$0.00	\$55.65
5	90	\$32.58	\$10.18	\$16.51	\$0.00	\$59.27

**Effective Date - 08/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.33	\$10.18	\$16.83	\$0.00	\$45.34
2	60	\$22.00	\$10.18	\$16.83	\$0.00	\$49.01
3	70	\$25.66	\$10.18	\$16.83	\$0.00	\$52.67
4	80	\$29.33	\$10.18	\$16.83	\$0.00	\$56.34
5	90	\$32.99	\$10.18	\$16.83	\$0.00	\$60.00

Notes:

**Apprentice to Journeyworker Ratio:1:3**

MARBLE MASONS, TILELAYERS & TERRAZZO MECH	02/01/2013	\$47.45	\$10.18	\$17.83	\$0.00	\$75.46
BRICKLAYERS LOCAL 3 - MARBLE & TILE	08/01/2013	\$48.10	\$10.18	\$18.15	\$0.00	\$76.43
	02/01/2014	\$48.66	\$10.18	\$18.15	\$0.00	\$76.99
	08/01/2014	\$49.56	\$10.18	\$18.22	\$0.00	\$77.96
	02/01/2015	\$50.12	\$10.18	\$18.22	\$0.00	\$78.52
	08/01/2015	\$51.02	\$10.18	\$18.29	\$0.00	\$79.49
	02/01/2016	\$51.59	\$10.18	\$18.29	\$0.00	\$80.06
	08/01/2016	\$52.49	\$10.18	\$18.37	\$0.00	\$81.04
	02/01/2017	\$53.06	\$10.18	\$18.37	\$0.00	\$81.61



**Classification**

**Effective Date   Base Wage   Health   Pension   Supplemental Unemployment   Total Rate**

**Apprentice - MARBLE-TILE-TERRAZZO MECHANIC - Local 3 Marble & Tile**

**Effective Date - 02/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.73	\$10.18	\$17.83	\$0.00	\$51.74
2	60	\$28.47	\$10.18	\$17.83	\$0.00	\$56.48
3	70	\$33.22	\$10.18	\$17.83	\$0.00	\$61.23
4	80	\$37.96	\$10.18	\$17.83	\$0.00	\$65.97
5	90	\$42.71	\$10.18	\$17.83	\$0.00	\$70.72

**Effective Date - 08/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.05	\$10.18	\$18.15	\$0.00	\$52.38
2	60	\$28.86	\$10.18	\$18.15	\$0.00	\$57.19
3	70	\$33.67	\$10.18	\$18.15	\$0.00	\$62.00
4	80	\$38.48	\$10.18	\$18.15	\$0.00	\$66.81
5	90	\$43.29	\$10.18	\$18.15	\$0.00	\$71.62

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

MECH. SWEEPER OPERATOR (ON CONST. SITES) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$39.96	\$10.00	\$13.55	\$0.00	\$63.51
For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/01/2013	\$40.74	\$10.00	\$13.55	\$0.00	\$64.29
MECHANICS MAINTENANCE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$39.96	\$10.00	\$13.55	\$0.00	\$63.51
For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/01/2013	\$40.74	\$10.00	\$13.55	\$0.00	\$64.29
MILLWRIGHT (Zone 2) <i>MILLWRIGHTS LOCAL 1121 - Zone 2</i>	04/01/2013	\$32.47	\$9.80	\$15.76	\$0.00	\$58.03
	10/01/2013	\$33.06	\$9.80	\$15.76	\$0.00	\$58.62
	04/01/2014	\$33.66	\$9.80	\$15.76	\$0.00	\$59.22
	10/01/2014	\$34.42	\$9.80	\$15.76	\$0.00	\$59.98
	04/01/2015	\$35.19	\$9.80	\$15.76	\$0.00	\$60.75

**Classification**

**Effective Date   Base Wage   Health   Pension   Supplemental Unemployment   Total Rate**

**Apprentice - MILLWRIGHT - Local 1121 Zone 2**

**Effective Date - 04/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$17.86	\$9.80	\$4.32	\$0.00	\$31.98
2	65	\$21.11	\$9.80	\$13.01	\$0.00	\$43.92
3	75	\$24.35	\$9.80	\$13.80	\$0.00	\$47.95
4	85	\$27.60	\$9.80	\$14.58	\$0.00	\$51.98

**Effective Date - 10/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$18.18	\$9.80	\$4.32	\$0.00	\$32.30
2	65	\$21.49	\$9.80	\$13.01	\$0.00	\$44.30
3	75	\$24.80	\$9.80	\$13.80	\$0.00	\$48.40
4	85	\$28.10	\$9.80	\$14.58	\$0.00	\$52.48

**Notes:**

Steps are 2,000 hours

**Apprentice to Journeyworker Ratio:1:5**

MORTAR MIXER  
LABORERS - ZONE 2

06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

OILER (OTHER THAN TRUCK CRANES,GRADALLS)  
OPERATING ENGINEERS LOCAL 4

06/01/2013	\$21.17	\$10.00	\$13.55	\$0.00	\$44.72
12/01/2013	\$21.59	\$10.00	\$13.55	\$0.00	\$45.14

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OILER (TRUCK CRANES, GRADALLS)  
OPERATING ENGINEERS LOCAL 4

06/01/2013	\$24.57	\$10.00	\$13.55	\$0.00	\$48.12
12/01/2013	\$25.06	\$10.00	\$13.55	\$0.00	\$48.61

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OTHER POWER DRIVEN EQUIPMENT - CLASS II  
OPERATING ENGINEERS LOCAL 4

06/01/2013	\$39.96	\$10.00	\$13.55	\$0.00	\$63.51
12/01/2013	\$40.74	\$10.00	\$13.55	\$0.00	\$64.29

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

PAINTER (BRIDGES/TANKS)  
PAINTERS LOCAL 35 - ZONE 2

01/01/2013	\$45.01	\$7.80	\$15.60	\$0.00	\$68.41
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**Classification**

**Effective Date   Base Wage   Health   Pension   Supplemental Unemployment   Total Rate**

**Apprentice - PAINTER Local 35 - BRIDGES/TANKS**

**Effective Date - 01/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.51	\$7.80	\$0.00	\$0.00	\$30.31
2	55	\$24.76	\$7.80	\$3.52	\$0.00	\$36.08
3	60	\$27.01	\$7.80	\$3.84	\$0.00	\$38.65
4	65	\$29.26	\$7.80	\$4.16	\$0.00	\$41.22
5	70	\$31.51	\$7.80	\$13.68	\$0.00	\$52.99
6	75	\$33.76	\$7.80	\$14.00	\$0.00	\$55.56
7	80	\$36.01	\$7.80	\$14.32	\$0.00	\$58.13
8	90	\$40.51	\$7.80	\$14.96	\$0.00	\$63.27

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

PAINTER (SPRAY OR SANDBLAST, NEW) *	01/01/2013	\$35.91	\$7.80	\$15.60	\$0.00	\$59.31
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\* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 2

**Apprentice - PAINTER Local 35 Zone 2 - Spray/Sandblast - New**

**Effective Date - 01/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.96	\$7.80	\$0.00	\$0.00	\$25.76
2	55	\$19.75	\$7.80	\$3.52	\$0.00	\$31.07
3	60	\$21.55	\$7.80	\$3.84	\$0.00	\$33.19
4	65	\$23.34	\$7.80	\$4.16	\$0.00	\$35.30
5	70	\$25.14	\$7.80	\$13.68	\$0.00	\$46.62
6	75	\$26.93	\$7.80	\$14.00	\$0.00	\$48.73
7	80	\$28.73	\$7.80	\$14.32	\$0.00	\$50.85
8	90	\$32.32	\$7.80	\$14.96	\$0.00	\$55.08

**Notes:**

**Apprentice to Journeyworker Ratio:1:1**

PAINTER (SPRAY OR SANDBLAST, REPAINT)	01/01/2013	\$33.97	\$7.80	\$15.60	\$0.00	\$57.37
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PAINTERS LOCAL 35 - ZONE 2

**Classification**

**Effective Date   Base Wage   Health   Pension   Supplemental Unemployment   Total Rate**

**Apprentice - PAINTER Local 35 Zone 2 - Spray/Sandblast - Repaint**

**Effective Date - 01/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.99	\$7.80	\$0.00	\$0.00	\$24.79
2	55	\$18.68	\$7.80	\$3.52	\$0.00	\$30.00
3	60	\$20.38	\$7.80	\$3.84	\$0.00	\$32.02
4	65	\$22.08	\$7.80	\$4.16	\$0.00	\$34.04
5	70	\$23.78	\$7.80	\$13.68	\$0.00	\$45.26
6	75	\$25.48	\$7.80	\$14.00	\$0.00	\$47.28
7	80	\$27.18	\$7.80	\$14.32	\$0.00	\$49.30
8	90	\$30.57	\$7.80	\$14.96	\$0.00	\$53.33

**Notes:**

**Apprentice to Journeyworker Ratio:1:1**

PAINTER (TRAFFIC MARKINGS) LABORERS - ZONE 2	06/01/2013	\$29.85	\$7.10	\$11.80	\$0.00	\$48.75
	12/01/2013	\$30.35	\$7.10	\$11.80	\$0.00	\$49.25
	06/01/2014	\$30.85	\$7.10	\$11.80	\$0.00	\$49.75
	12/01/2014	\$31.35	\$7.10	\$11.80	\$0.00	\$50.25
	06/01/2015	\$31.85	\$7.10	\$11.80	\$0.00	\$50.75
	12/01/2015	\$32.35	\$7.10	\$11.80	\$0.00	\$51.25
	06/01/2016	\$32.85	\$7.10	\$11.80	\$0.00	\$51.75
	12/01/2016	\$33.60	\$7.10	\$11.80	\$0.00	\$52.50

For Apprentice rates see "Apprentice- LABORER"

PAINTER / TAPER (BRUSH, NEW) *	01/01/2013	\$34.51	\$7.80	\$15.60	\$0.00	\$57.91
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\* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 2

**Apprentice - PAINTER - Local 35 Zone 2 - BRUSH NEW**

**Effective Date - 01/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.26	\$7.80	\$0.00	\$0.00	\$25.06
2	55	\$18.98	\$7.80	\$3.52	\$0.00	\$30.30
3	60	\$20.71	\$7.80	\$3.84	\$0.00	\$32.35
4	65	\$22.43	\$7.80	\$4.16	\$0.00	\$34.39
5	70	\$24.16	\$7.80	\$13.68	\$0.00	\$45.64
6	75	\$25.88	\$7.80	\$14.00	\$0.00	\$47.68
7	80	\$27.61	\$7.80	\$14.32	\$0.00	\$49.73
8	90	\$31.06	\$7.80	\$14.96	\$0.00	\$53.82

**Notes:**  
Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Painter / Taper (BRUSH, REPAINT) <i>PAINTERS LOCAL 35 - ZONE 2</i>	01/01/2013	\$32.57	\$7.80	\$15.60	\$0.00	\$55.97

**Apprentice - PAINTER Local 35 Zone 2 - BRUSH REPAINT**

**Effective Date - 01/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.29	\$7.80	\$0.00	\$0.00	\$24.09
2	55	\$17.91	\$7.80	\$3.52	\$0.00	\$29.23
3	60	\$19.54	\$7.80	\$3.84	\$0.00	\$31.18
4	65	\$21.17	\$7.80	\$4.16	\$0.00	\$33.13
5	70	\$22.80	\$7.80	\$13.68	\$0.00	\$44.28
6	75	\$24.43	\$7.80	\$14.00	\$0.00	\$46.23
7	80	\$26.06	\$7.80	\$14.32	\$0.00	\$48.18
8	90	\$29.31	\$7.80	\$14.96	\$0.00	\$52.07

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

PANEL & PICKUP TRUCKS DRIVER <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2012	\$30.28	\$9.07	\$8.00	\$0.00	\$47.35
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2012	\$39.20	\$9.80	\$17.67	\$0.00	\$66.67
	08/01/2013	\$40.70	\$9.80	\$17.67	\$0.00	\$68.17
	08/01/2014	\$42.20	\$9.80	\$17.67	\$0.00	\$69.67
	08/01/2015	\$43.70	\$9.80	\$17.67	\$0.00	\$71.17
PILE DRIVER <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2012	\$39.20	\$9.80	\$17.67	\$0.00	\$66.67
	08/01/2013	\$40.70	\$9.80	\$17.67	\$0.00	\$68.17
	08/01/2014	\$42.20	\$9.80	\$17.67	\$0.00	\$69.67
	08/01/2015	\$43.70	\$9.80	\$17.67	\$0.00	\$71.17

**Classification**

**Effective Date   Base Wage   Health   Pension   Supplemental Unemployment   Total Rate**

**Apprentice - PILE DRIVER - Local 56 Zone 1**

**Effective Date - 08/01/2012**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.60	\$9.80	\$17.67	\$0.00	\$47.07
2	60	\$23.52	\$9.80	\$17.67	\$0.00	\$50.99
3	70	\$27.44	\$9.80	\$17.67	\$0.00	\$54.91
4	75	\$29.40	\$9.80	\$17.67	\$0.00	\$56.87
5	80	\$31.36	\$9.80	\$17.67	\$0.00	\$58.83
6	80	\$31.36	\$9.80	\$17.67	\$0.00	\$58.83
7	90	\$35.28	\$9.80	\$17.67	\$0.00	\$62.75
8	90	\$35.28	\$9.80	\$17.67	\$0.00	\$62.75

**Effective Date - 08/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.35	\$9.80	\$17.67	\$0.00	\$47.82
2	60	\$24.42	\$9.80	\$17.67	\$0.00	\$51.89
3	70	\$28.49	\$9.80	\$17.67	\$0.00	\$55.96
4	75	\$30.53	\$9.80	\$17.67	\$0.00	\$58.00
5	80	\$32.56	\$9.80	\$17.67	\$0.00	\$60.03
6	80	\$32.56	\$9.80	\$17.67	\$0.00	\$60.03
7	90	\$36.63	\$9.80	\$17.67	\$0.00	\$64.10
8	90	\$36.63	\$9.80	\$17.67	\$0.00	\$64.10

**Notes:**

**Apprentice to Journeyworker Ratio:1:3**

PIPELAYER	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
LABORERS - ZONE 2	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

PLUMBER & PIPEFITTER	03/01/2013	\$34.96	\$10.80	\$15.35	\$0.00	\$61.11
PLUMBERS & PIPEFITTERS LOCAL 51						

**Apprentice - PLUMBER/PIPEFITTER - Local 51**

**Effective Date - 03/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$13.98	\$10.80	\$1.50	\$0.00	\$26.28
2	50	\$17.48	\$10.80	\$1.50	\$0.00	\$29.78
3	60	\$20.98	\$10.80	\$7.85	\$0.00	\$39.63
4	70	\$24.47	\$10.80	\$11.66	\$0.00	\$46.93
5	80	\$27.97	\$10.80	\$15.35	\$0.00	\$54.12

**Notes:**  
Steps 2000hrs. Prior 9/1/05; 40/40/45/50/55/60/65/75/80/85

**Apprentice to Journeyworker Ratio:1:3**

PNEUMATIC CONTROLS (TEMP.) <i>PLUMBERS &amp; PIPEFITTERS LOCAL 51</i>	03/01/2013	\$34.96	\$10.80	\$15.35	\$0.00	\$61.11
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
PNEUMATIC DRILL/TOOL OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
POWDERMAN & BLASTER <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.85	\$7.10	\$11.80	\$0.00	\$49.75
	12/01/2013	\$31.35	\$7.10	\$11.80	\$0.00	\$50.25
	06/01/2014	\$31.85	\$7.10	\$11.80	\$0.00	\$50.75
	12/01/2014	\$32.35	\$7.10	\$11.80	\$0.00	\$51.25
	06/01/2015	\$32.85	\$7.10	\$11.80	\$0.00	\$51.75
	12/01/2015	\$33.35	\$7.10	\$11.80	\$0.00	\$52.25
	06/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75
	12/01/2016	\$34.60	\$7.10	\$11.80	\$0.00	\$53.50
For apprentice rates see "Apprentice- LABORER"						
POWER SHOVEL/DERRICK/TRENCHING MACHINE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$40.34	\$10.00	\$13.55	\$0.00	\$63.89
	12/01/2013	\$41.12	\$10.00	\$13.55	\$0.00	\$64.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (CONCRETE) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$40.34	\$10.00	\$13.55	\$0.00	\$63.89
	12/01/2013	\$41.12	\$10.00	\$13.55	\$0.00	\$64.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (DEWATERING, OTHER) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$28.19	\$10.00	\$13.55	\$0.00	\$51.74
	12/01/2013	\$28.74	\$10.00	\$13.55	\$0.00	\$52.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
READY-MIX CONCRETE DRIVER <i>TEAMSTERS LOCAL 653</i>	08/01/2008	\$19.76	\$7.16	\$4.21	\$0.00	\$31.13

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
RECLAIMERS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$39.96	\$10.00	\$13.55	\$0.00	\$63.51
	12/01/2013	\$40.74	\$10.00	\$13.55	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
RESIDENTIAL WOOD FRAME (All Other Work) <i>CARPENTERS -ZONE 2 (Residential Wood)</i>	04/01/2011	\$24.24	\$8.67	\$15.51	\$0.00	\$48.42
RESIDENTIAL WOOD FRAME CARPENTER ** ** The Residential Wood Frame Carpenter classification applies only to the construction of new, wood frame residences that do not exceed four stories including the basement. <i>CARPENTERS -ZONE 2 (Residential Wood)</i>	05/01/2011	\$24.24	\$6.34	\$6.23	\$0.00	\$36.81
As of 9/1/09 Carpentry work on wood-frame residential WEATHERIZATION projects shall be paid the RESIDENTIAL WOOD FRAME CARPENTER rate.						
RIDE-ON MOTORIZED BUGGY OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
ROLLER/SPREADER/MULCHING MACHINE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$39.96	\$10.00	\$13.55	\$0.00	\$63.51
	12/01/2013	\$40.74	\$10.00	\$13.55	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
ROOFER (Inc.Roofers Waterproofing &Roofers Damproofg) <i>ROOFERS LOCAL 33</i>	02/01/2013	\$37.41	\$10.50	\$10.70	\$0.00	\$58.61

**Apprentice - ROOFER - Local 33**

**Effective Date - 02/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.71	\$10.50	\$3.38	\$0.00	\$32.59
2	60	\$22.45	\$10.50	\$10.70	\$0.00	\$43.65
3	65	\$24.32	\$10.50	\$10.70	\$0.00	\$45.52
4	75	\$28.06	\$10.50	\$10.70	\$0.00	\$49.26
5	85	\$31.80	\$10.50	\$10.70	\$0.00	\$53.00

**Notes:** \*\* 1:5, 2:6-10, the 1:10; Reroofing: 1:4, then 1:1  
Step 1 is 2000 hrs.; Steps 2-5 are 1000 hrs.

**Apprentice to Journeyworker Ratio:\*\***

ROOFER SLATE / TILE / PRECAST CONCRETE <i>ROOFERS LOCAL 33</i>	02/01/2013	\$37.66	\$10.50	\$10.70	\$0.00	\$58.86
For apprentice rates see "Apprentice- ROOFER"						
SHEETMETAL WORKER <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	02/01/2013	\$42.32	\$9.82	\$18.24	\$2.11	\$72.49



**Classification**

**Effective Date   Base Wage   Health   Pension   Supplemental Unemployment   Total Rate**

**Apprentice - SHEET METAL WORKER - Local 17-A**

**Effective Date - 02/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$16.93	\$9.82	\$4.00	\$0.00	\$30.75
2	40	\$16.93	\$9.82	\$4.00	\$0.00	\$30.75
3	45	\$19.04	\$9.82	\$8.00	\$1.11	\$37.97
4	45	\$19.04	\$9.82	\$8.00	\$1.11	\$37.97
5	50	\$21.16	\$9.82	\$8.75	\$1.19	\$40.92
6	50	\$21.16	\$9.82	\$9.00	\$1.20	\$41.18
7	60	\$25.39	\$9.82	\$10.24	\$1.36	\$46.81
8	65	\$27.51	\$9.82	\$10.99	\$1.45	\$49.77
9	75	\$31.74	\$9.82	\$12.49	\$1.62	\$55.67
10	85	\$35.97	\$9.82	\$13.49	\$1.78	\$61.06

**Notes:**  
Steps are 6 mos.

**Apprentice to Journeyworker Ratio:1:4**

SIGN ERECTOR PAINTERS LOCAL 35 - ZONE 2	06/01/2013	\$25.81	\$7.07	\$7.05	\$0.00	\$39.93
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**Apprentice - SIGN ERECTOR - Local 35 Zone 2**

**Effective Date - 06/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$12.91	\$7.07	\$0.00	\$0.00	\$19.98
2	55	\$14.20	\$7.07	\$2.45	\$0.00	\$23.72
3	60	\$15.49	\$7.07	\$2.45	\$0.00	\$25.01
4	65	\$16.78	\$7.07	\$2.45	\$0.00	\$26.30
5	70	\$18.07	\$7.07	\$7.05	\$0.00	\$32.19
6	75	\$19.36	\$7.07	\$7.05	\$0.00	\$33.48
7	80	\$20.65	\$7.07	\$7.05	\$0.00	\$34.77
8	85	\$21.94	\$7.07	\$7.05	\$0.00	\$36.06
9	90	\$23.23	\$7.07	\$7.05	\$0.00	\$37.35

**Notes:**  
Steps are 4 mos.

**Apprentice to Journeyworker Ratio:1:1**

SPECIALIZED EARTH MOVING EQUIP < 35 TONS TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2012	\$30.74	\$8.91	\$8.00	\$0.00	\$47.65
SPECIALIZED EARTH MOVING EQUIP > 35 TONS TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2012	\$31.03	\$8.91	\$8.00	\$0.00	\$47.94
SPRINKLER FITTER SPRINKLER FITTERS LOCAL 550 - (Section A)	03/01/2013	\$52.58	\$8.42	\$12.60	\$0.00	\$73.60

**Classification**

**Effective Date   Base Wage   Health   Pension   Supplemental Unemployment   Total Rate**

**Apprentice - SPRINKLER FITTER - Local 550**

**Effective Date - 03/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$18.40	\$8.42	\$8.00	\$0.00	\$34.82
2	40	\$21.03	\$8.42	\$8.00	\$0.00	\$37.45
3	45	\$23.66	\$8.42	\$8.00	\$0.00	\$40.08
4	50	\$26.29	\$8.42	\$8.00	\$0.00	\$42.71
5	55	\$28.92	\$8.42	\$8.00	\$0.00	\$45.34
6	60	\$31.55	\$8.42	\$8.00	\$0.00	\$47.97
7	65	\$34.18	\$8.42	\$8.00	\$0.00	\$50.60
8	70	\$36.81	\$8.42	\$8.00	\$0.00	\$53.23
9	75	\$39.44	\$8.42	\$8.00	\$0.00	\$55.86
10	80	\$42.06	\$8.42	\$8.00	\$0.00	\$58.48

**Notes:**  
Steps are 850 hours

**Apprentice to Journeyworker Ratio:1:1**

STEAM BOILER OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$39.96	\$10.00	\$13.55	\$0.00	\$63.51
	12/01/2013	\$40.74	\$10.00	\$13.55	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TAMPERS, SELF-PROPELLED OR TRACTOR DRAWN <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$39.96	\$10.00	\$13.55	\$0.00	\$63.51
	12/01/2013	\$40.74	\$10.00	\$13.55	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TELECOMMUNICATION TECHNICIAN <i>ELECTRICIANS LOCAL 223</i>	09/01/2012	\$30.37	\$7.95	\$8.80	\$0.00	\$47.12
	09/01/2013	\$30.95	\$8.45	\$8.98	\$0.00	\$48.38

**Apprentice - TELECOMMUNICATION TECHNICIAN - Local 223**

**Effective Date - 09/01/2012**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

**Notes:** See Electrician Apprentice Wages  
Steps are 750hrs  
Telecom Apprentice Wages shall be the same as the Electrician Apprentice Wages

**Apprentice to Journeyworker Ratio:1:1**

TERRAZZO FINISHERS <i>BRICKLAYERS LOCAL 3 - MARBLE &amp; TILE</i>	02/01/2013	\$46.35	\$10.18	\$17.83	\$0.00	\$74.36
	08/01/2013	\$47.00	\$10.18	\$18.15	\$0.00	\$75.33
	02/01/2014	\$47.56	\$10.18	\$18.15	\$0.00	\$75.89
	08/01/2014	\$48.46	\$10.18	\$18.22	\$0.00	\$76.86
	02/01/2015	\$49.02	\$10.18	\$18.22	\$0.00	\$77.42
	08/01/2015	\$49.92	\$10.18	\$18.29	\$0.00	\$78.39
	02/01/2016	\$50.49	\$10.18	\$18.29	\$0.00	\$78.96
	08/01/2016	\$51.39	\$10.18	\$18.37	\$0.00	\$79.94
	02/01/2017	\$51.96	\$10.18	\$18.37	\$0.00	\$80.51

**Classification**

**Effective Date   Base Wage   Health   Pension   Supplemental Unemployment   Total Rate**

**Apprentice - TERRAZZO FINISHER - Local 3 Marble & Tile**

**Effective Date - 02/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.18	\$10.18	\$17.83	\$0.00	\$51.19
2	60	\$27.81	\$10.18	\$17.83	\$0.00	\$55.82
3	70	\$32.45	\$10.18	\$17.83	\$0.00	\$60.46
4	80	\$37.08	\$10.18	\$17.83	\$0.00	\$65.09
5	90	\$41.72	\$10.18	\$17.83	\$0.00	\$69.73

**Effective Date - 08/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.50	\$10.18	\$18.15	\$0.00	\$51.83
2	60	\$28.20	\$10.18	\$18.15	\$0.00	\$56.53
3	70	\$32.90	\$10.18	\$18.15	\$0.00	\$61.23
4	80	\$37.60	\$10.18	\$18.15	\$0.00	\$65.93
5	90	\$42.30	\$10.18	\$18.15	\$0.00	\$70.63

**Notes:**

**Apprentice to Journeyworker Ratio:1:3**

TEST BORING DRILLER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2013	\$34.45	\$7.10	\$12.60	\$0.00	\$54.15
	12/01/2013	\$35.20	\$7.10	\$12.60	\$0.00	\$54.90
	06/01/2014	\$35.95	\$7.10	\$12.60	\$0.00	\$55.65
	12/01/2014	\$36.70	\$7.10	\$12.60	\$0.00	\$56.40
	06/01/2015	\$37.45	\$7.10	\$12.60	\$0.00	\$57.15
	12/01/2015	\$38.20	\$7.10	\$12.60	\$0.00	\$57.90
	06/01/2016	\$38.95	\$7.10	\$12.60	\$0.00	\$58.65
	12/01/2016	\$39.95	\$7.10	\$12.60	\$0.00	\$59.65

For apprentice rates see "Apprentice- LABORER"

TEST BORING DRILLER HELPER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2013	\$33.17	\$7.10	\$12.60	\$0.00	\$52.87
	12/01/2013	\$33.92	\$7.10	\$12.60	\$0.00	\$53.62
	06/01/2014	\$34.67	\$7.10	\$12.60	\$0.00	\$54.37
	12/01/2014	\$35.42	\$7.10	\$12.60	\$0.00	\$55.12
	06/01/2015	\$36.17	\$7.10	\$12.60	\$0.00	\$55.87
	12/01/2015	\$36.92	\$7.10	\$12.60	\$0.00	\$56.62
	06/01/2016	\$37.67	\$7.10	\$12.60	\$0.00	\$57.37
	12/01/2016	\$38.67	\$7.10	\$12.60	\$0.00	\$58.37

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TEST BORING LABORER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2013	\$33.05	\$7.10	\$12.60	\$0.00	\$52.75
	12/01/2013	\$33.80	\$7.10	\$12.60	\$0.00	\$53.50
	06/01/2014	\$34.55	\$7.10	\$12.60	\$0.00	\$54.25
	12/01/2014	\$35.30	\$7.10	\$12.60	\$0.00	\$55.00
	06/01/2015	\$36.05	\$7.10	\$12.60	\$0.00	\$55.75
	12/01/2015	\$36.80	\$7.10	\$12.60	\$0.00	\$56.50
	06/01/2016	\$37.55	\$7.10	\$12.60	\$0.00	\$57.25
	12/01/2016	\$38.55	\$7.10	\$12.60	\$0.00	\$58.25
For apprentice rates see "Apprentice- LABORER"						
TRACTORS/PORTABLE STEAM GENERATORS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$39.96	\$10.00	\$13.55	\$0.00	\$63.51
	12/01/2013	\$40.74	\$10.00	\$13.55	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TRAILERS FOR EARTH MOVING EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2012	\$31.32	\$8.91	\$8.00	\$0.00	\$48.23
TUNNEL WORK - COMPRESSED AIR <i>LABORERS (COMPRESSED AIR)</i>	06/01/2013	\$45.33	\$7.10	\$13.00	\$0.00	\$65.43
	12/01/2013	\$46.08	\$7.10	\$13.00	\$0.00	\$66.18
	06/01/2014	\$46.83	\$7.10	\$13.00	\$0.00	\$66.93
	12/01/2014	\$47.58	\$7.10	\$13.00	\$0.00	\$67.68
	06/01/2015	\$48.33	\$7.10	\$13.00	\$0.00	\$68.43
	12/01/2015	\$49.08	\$7.10	\$13.00	\$0.00	\$69.18
	06/01/2016	\$49.83	\$7.10	\$13.00	\$0.00	\$69.93
	12/01/2016	\$50.83	\$7.10	\$13.00	\$0.00	\$70.93
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) <i>LABORERS (COMPRESSED AIR)</i>	06/01/2013	\$47.33	\$7.10	\$13.00	\$0.00	\$67.43
	12/01/2013	\$48.08	\$7.10	\$13.00	\$0.00	\$68.18
	06/01/2014	\$48.83	\$7.10	\$13.00	\$0.00	\$68.93
	12/01/2014	\$49.58	\$7.10	\$13.00	\$0.00	\$69.68
	06/01/2015	\$50.33	\$7.10	\$13.00	\$0.00	\$70.43
	12/01/2015	\$51.08	\$7.10	\$13.00	\$0.00	\$71.18
	06/01/2016	\$51.83	\$7.10	\$13.00	\$0.00	\$71.93
	12/01/2016	\$52.83	\$7.10	\$13.00	\$0.00	\$72.93
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR <i>LABORERS (FREE AIR TUNNEL)</i>	06/01/2013	\$37.40	\$7.10	\$13.00	\$0.00	\$57.50
	12/01/2013	\$38.15	\$7.10	\$13.00	\$0.00	\$58.25
	06/01/2014	\$38.90	\$7.10	\$13.00	\$0.00	\$59.00
	12/01/2014	\$39.65	\$7.10	\$13.00	\$0.00	\$59.75
	06/01/2015	\$40.40	\$7.10	\$13.00	\$0.00	\$60.50
	12/01/2015	\$41.15	\$7.10	\$13.00	\$0.00	\$61.25
	06/01/2016	\$41.90	\$7.10	\$13.00	\$0.00	\$62.00
	12/01/2016	\$42.90	\$7.10	\$13.00	\$0.00	\$63.00
For apprentice rates see "Apprentice- LABORER"						

<b>Classification</b>	<b>Effective Date</b>	<b>Base Wage</b>	<b>Health</b>	<b>Pension</b>	<b>Supplemental Unemployment</b>	<b>Total Rate</b>
<b>TUNNEL WORK - FREE AIR (HAZ. WASTE)</b> <i>LABORERS (FREE AIR TUNNEL)</i>	06/01/2013	\$39.40	\$7.10	\$13.00	\$0.00	\$59.50
	12/01/2013	\$40.15	\$7.10	\$13.00	\$0.00	\$60.25
	06/01/2014	\$40.90	\$7.10	\$13.00	\$0.00	\$61.00
	12/01/2014	\$41.65	\$7.10	\$13.00	\$0.00	\$61.75
	06/01/2015	\$42.40	\$7.10	\$13.00	\$0.00	\$62.50
	12/01/2015	\$43.15	\$7.10	\$13.00	\$0.00	\$63.25
	06/01/2016	\$43.90	\$7.10	\$13.00	\$0.00	\$64.00
	12/01/2016	\$44.90	\$7.10	\$13.00	\$0.00	\$65.00
For apprentice rates see "Apprentice- LABORER"						
<b>VAC-HAUL</b> <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2012	\$30.74	\$8.91	\$8.00	\$0.00	\$47.65
<b>WAGON DRILL OPERATOR</b> <i>LABORERS - ZONE 2</i>	06/01/2013	\$30.10	\$7.10	\$11.80	\$0.00	\$49.00
	12/01/2013	\$30.60	\$7.10	\$11.80	\$0.00	\$49.50
	06/01/2014	\$31.10	\$7.10	\$11.80	\$0.00	\$50.00
	12/01/2014	\$31.60	\$7.10	\$11.80	\$0.00	\$50.50
	06/01/2015	\$32.10	\$7.10	\$11.80	\$0.00	\$51.00
	12/01/2015	\$32.60	\$7.10	\$11.80	\$0.00	\$51.50
	06/01/2016	\$33.10	\$7.10	\$11.80	\$0.00	\$52.00
	12/01/2016	\$33.85	\$7.10	\$11.80	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
<b>WASTE WATER PUMP OPERATOR</b> <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2013	\$40.34	\$10.00	\$13.55	\$0.00	\$63.89
	12/01/2013	\$41.12	\$10.00	\$13.55	\$0.00	\$64.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
<b>WATER METER INSTALLER</b> <i>PLUMBERS &amp; PIPEFITTERS LOCAL 51</i>	03/01/2013	\$34.96	\$10.80	\$15.35	\$0.00	\$61.11
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"						
<b>Outside Electrical - East</b>						
<b>CABLE TECHNICIAN (Power Zone)</b> <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	03/03/2013	\$25.18	\$8.20	\$4.17	\$0.00	\$37.55
	09/01/2013	\$25.66	\$8.70	\$4.48	\$0.00	\$38.84
For apprentice rates see "Apprentice- LINEMAN"						
<b>CABLEMAN (Underground Ducts &amp; Cables)</b> <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	03/03/2013	\$35.67	\$8.20	\$4.98	\$0.00	\$48.85
	09/01/2013	\$36.55	\$8.70	\$6.58	\$0.00	\$51.83
For apprentice rates see "Apprentice- LINEMAN"						
<b>DRIVER / GROUNDMAN CDL</b> <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	03/03/2013	\$29.38	\$8.20	\$5.68	\$0.00	\$43.26
	09/01/2013	\$29.94	\$8.70	\$6.05	\$0.00	\$44.69
For apprentice rates see "Apprentice- LINEMAN"						
<b>DRIVER / GROUNDMAN -Inexperienced (&lt;2000 Hrs)</b> <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	03/03/2013	\$23.08	\$8.20	\$3.94	\$0.00	\$35.22
	09/01/2013	\$23.52	\$8.70	\$5.24	\$0.00	\$37.46
For apprentice rates see "Apprentice- LINEMAN"						
<b>EQUIPMENT OPERATOR (Class A CDL)</b> <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	03/03/2013	\$35.67	\$8.20	\$8.98	\$0.00	\$52.85
	09/01/2013	\$36.35	\$8.70	\$9.43	\$0.00	\$54.48
For apprentice rates see "Apprentice- LINEMAN"						
<b>EQUIPMENT OPERATOR (Class B CDL)</b> <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	03/03/2013	\$31.48	\$8.20	\$6.19	\$0.00	\$45.87
	09/01/2013	\$32.08	\$8.70	\$6.59	\$0.00	\$47.37
For apprentice rates see "Apprentice- LINEMAN"						
<b>GROUNDMAN</b> <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	03/03/2013	\$23.08	\$8.20	\$3.42	\$0.00	\$34.70
	09/01/2013	\$23.52	\$8.70	\$3.72	\$0.00	\$35.94
For apprentice rates see "Apprentice- LINEMAN"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
GROUNDMAN -Inexperienced (<2000 Hrs.) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	03/03/2013	\$18.89	\$8.20	\$2.61	\$0.00	\$29.70
	09/01/2013	\$19.25	\$8.70	\$2.85	\$0.00	\$30.80
For apprentice rates see "Apprentice- LINEMAN"						
JOURNEYMAN LINEMAN <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	03/03/2013	\$41.97	\$8.20	\$11.26	\$0.00	\$61.43
	09/01/2013	\$42.77	\$8.70	\$11.78	\$0.00	\$63.25

**Apprentice - LINEMAN (Outside Electrical) - East Local 104**

**Effective Date - 03/03/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$25.18	\$8.20	\$3.92	\$0.00	\$37.30
2	65	\$27.28	\$8.20	\$4.36	\$0.00	\$39.84
3	70	\$29.38	\$8.20	\$5.06	\$0.00	\$42.64
4	75	\$31.48	\$8.20	\$5.76	\$0.00	\$45.44
5	80	\$33.58	\$8.20	\$6.46	\$0.00	\$48.24
6	85	\$35.67	\$8.20	\$7.17	\$0.00	\$51.04
7	90	\$37.77	\$8.20	\$8.36	\$0.00	\$54.33

**Effective Date - 09/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$25.66	\$8.70	\$4.24	\$0.00	\$38.60
2	65	\$27.80	\$8.70	\$4.71	\$0.00	\$41.21
3	70	\$29.94	\$8.70	\$5.43	\$0.00	\$44.07
4	75	\$32.08	\$8.70	\$6.16	\$0.00	\$46.94
5	80	\$34.22	\$8.70	\$6.88	\$0.00	\$49.80
6	85	\$36.35	\$8.70	\$7.62	\$0.00	\$52.67
7	90	\$38.49	\$8.70	\$8.83	\$0.00	\$56.02

**Notes:**

**Apprentice to Journeyworker Ratio:1:2**

TELEDATA CABLE SPLICER <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	07/16/2012	\$26.33	\$4.18	\$2.79	\$0.00	\$33.30
TELEDATA LINEMAN/EQUIPMENT OPERATOR <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	07/16/2012	\$24.78	\$4.18	\$2.74	\$0.00	\$31.70
TELEDATA WIREMAN/INSTALLER/TECHNICIAN <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	07/16/2012	\$24.78	\$4.18	\$2.74	\$0.00	\$31.70
TREE TRIMMER <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	01/29/2012	\$17.18	\$3.37	\$0.00	\$0.00	\$20.55
This classification applies only to the trimming of branches on and around utility lines.						
TREE TRIMMER GROUNDMAN <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	01/29/2012	\$15.15	\$3.37	\$0.00	\$0.00	\$18.52
This classification applies only to the trimming of branches on and around utility lines.						

Additional Apprentices Information:

Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the pre-determined hourly wage rate established by the Commissioner under the provisions of the M.G.L. c. 149, ss. 26-27D. Apprentices ratios are established by the Division of Apprenticeship Training pursuant to M.G.L. c. 23, ss. 11E-11L.

All apprentices must be registered with the Division of Apprenticeship Training in accordance with M.G.L. c. 23, ss. 11E-11L.

All steps are six months (1000 hours) unless otherwise specified.

- \* Ratios are expressed in allowable number of apprentices to journeymen or fraction thereof.
- \*\* Multiple ratios are listed in the comment field.
- \*\*\* APP to JM; 1:1, 2:2, 2:3, 3:4, 4:4, 4:5, 4:6, 5:7, 6:7, 6:8, 6:9, 7:10, 8:10, 8:11, 8:12, 9:13, 10:13, 10:14, etc.
- \*\*\*\* APP to JM; 1:1, 1:2, 2:3, 2:4, 3:5, 4:6, 4:7, 5:8, 6:9, 6:10, 7:11, 8:12, 8:13, 9:14, 10:15, 10:16, etc.

### **Bidder's Courtesy Checklist:**

This list does not need to be submitted with the bid. However, the following items MUST be submitted, typed or filled in and signed (where applicable) in ink, in order for a bid to be considered responsive.

\_\_\_\_\_ Bid Sheet

\_\_\_\_\_ Certificate of non-collusion

\_\_\_\_\_ Tax compliance certificate

\_\_\_\_\_ Bidder's qualification form (notarized and filled in completely)

\_\_\_\_\_ Bidder's certification regarding payment of prevailing wage

\_\_\_\_\_ 5% bid bond based on the unit prices and quantities listed on the bid sheet