



TOWN OF BROOKLINE

Department of Public Works
333 Washington Street
Brookline, MA 02445

NOTICE TO CONTRACTORS SPECIFICATIONS

PROPOSAL and CONTRACT AGREEMENT

for

Repair of Cement Concrete Sidewalks

CONTRACT No. PW/21-01

This Proposal To Be Opened And Read:
Thursday, July 16, 2020 @ 10:00AM Local Time

Name of Contractor: _____



Peter M. Ditto
7/2/20

SPECIAL NOTICE

The following pages shall be filled out completely at the time of bidding:

Proposal Page P - 1 thru P – 12

Bid security in the amount of 5% of Bid in a sealed envelope shall be **attached to the outside** of Bid Book Envelope.

THIS CONTRACT SHALL BE SUBMITTED INTACT

Contract No. PW/21-01, Repair of Cement Concrete Sidewalks

BID DUE: Thursday, July 16, 2020 @ 10:00 a.m. Local Time

The following pages shall be filled out completely prior to execution of the Contract:

Contractors Certification Page SC 1 – 17

Contract Pages C – 1 thru C - 5

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Repair of Cement Concrete Sidewalks

CONTRACT NO. PW/21-01

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TOWN OF BROOKLINE, MASSACHUSETTS

NOTICE TO CONTRACTORS

Sealed bids for proposals addressed to the Commissioner of Public Works and endorsed, **“Repair of Cement Concrete Sidewalks”, Contract No. PW/21-01**, will be received at the office of the Brookline Department of Public Works, 333 Washington Street, Brookline, MA 02445 until **Thursday, July 16, 2020 at 10:00 AM**, local time, and at that time will be publicly opened and read.

Project specifications, including proposal forms, may be obtained at the Engineering Division Office, 333 Washington Street, Brookline, Massachusetts, on **Thursday, July 2, 2020**, upon payment of a **NON-REFUNDABLE FEE of Fifty (\$50.00) Dollars**.

Bid security in the form of a bid bond or certified check in the amount of 5% of the bid payable to the Town of Brookline is required. Bid security shall be, **attached** to the **outside** of the bid proposal envelope.

The successful bidder shall furnish guarantee bonds in the form of a performance bond and a payment bond, each in the amount equal to 100% of the bid, from a surety company satisfactory to the Town.

Minimum wage rates have been fixed by the Massachusetts Department of Labor and Industries and by the United States Labor Department and shall be in conformance with Section 26 through Section 27G of Chapter 149 of the Massachusetts General Laws. The Town is an equal opportunity employer and will require compliance with its Affirmative Action program and with the Affirmative Actions stated in Article 4.4 of the Town By-Law.

The contract book shall be **submitted intact** for comparison of bids.

The Commissioner of Public Works reserves the right to reject any or all bids, or to accept any bid, or to defer the start of work operations should he deem it in the best interest of the Town so to do.

Andrew M. Pappastergion
Commissioner of Public Works

SPECIAL CONDITIONS

Required Compliance with Chapter 151B

During the performance of this Contract, the Contractor, for himself, his assignees and successors in interest (hereinafter referred to as the "Contractor"), agrees as follows:

(1) Compliance with Requirements:

The Contractor will comply with the provisions of Chapter 151B as amended of the non-discrimination Laws of the Commonwealth, which are herein incorporated by reference and made a part of this Contract insofar as applicable to this Contract.

(2) Non-discrimination:

In the performance of work under this Contract, the Contractor shall not discriminate in employment practices or in the selection or retention of sub-contractors or in the procurement of materials or rental of equipment, on the grounds of race, color, religion, national origin, age or sex.

The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representative of the Contractor's commitments under this section, and shall post copies of such notice in conspicuous places available to employees and applicants for employment.

(3) Solicitations for Subcontracts and in the Procurement of Materials and Equipment:

In all solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract and for the procurement of materials or equipment, each potential sub-contractor or supplier shall be notified in writing by the Contractor of the Contractor's obligations under this Contract relative to non-discrimination on the grounds of race, color, religion, national origin, age or sex.

(4) Information and Reports:

The Contractor will provide all information and reports required, on orders or instructions issued by the Department of Public Works or the Massachusetts Commission Against Discrimination, and will permit access to his books, records, accounts and other sources of information and facilities as may be determined pertinent by the Massachusetts Commission Against Discrimination to ascertain compliance with such orders or instructions. Where the information required is in the exclusive possession of another who fails or refuses to furnish the required information, the Contractor shall so certify to the Department of Public Works or the

Massachusetts Commission against Discrimination, as appropriate, and shall set forth what efforts he has made to obtain the required information.

(5) Sanctions for Non-Compliance:

In the event the Contractor fails to comply with the non-discrimination provisions of this Contract, the Department of Public Works shall impose such contract sanctions as it may determine to be appropriate, including but not limited to:

(a) withholding of payments due the Contractor under this contract until the Contractor complies, and/or

(b) cancellation, termination or suspension of this Contract, in whole or in part.

The Contractor's right of appeal is assured under Section 6 of Chapter 151B of the General Laws of the Commonwealth.

(6) Incorporation of Provisions:

The Contractor shall include the provisions of paragraph (1) through (6) in every subcontract, including the procurement of materials and rentals of equipment. The Contractor shall take such action with respect to subcontracts or procurements as the Department of Public Works may direct as a means of enforcing such provisions, including sanctions for non-compliance, provided however, that in the event the Contractor becomes involved in, or is threatened with litigation with a subcontractor or supplier or union or association as a result of such direction, the Contractor may request the Town of Brookline to enter into such litigation to protect the interests of the Town of Brookline.

TOWN OF BROOKLINE, MASSACHUSETTS

AFFIRMATIVE ACTION PROGRAM FOR CONTRACTORS AND VENDORS

FOR BIDS OF \$10,000 OR OVER

I. **PURPOSE**

The purpose of the program is to guarantee that contractors*, wishing to do business with the Town of Brookline, do not discriminate against persons for whom their race, religion, color, sex, national origin, or age have proven to be obstacles to their employment (new or continued) or advancement.

All successful contractors receiving Town contracts for \$10,000 or more must include written documentation of compliance with its Town's Affirmative Action Program for contractors as stated in Articles 4.4 of the Town's By-Laws (attached.) Such documentation shall be in compliance with the following Affirmative Action statement.

"In connection with the execution of this contract, the Contractor shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, or age. The Contractor shall take affirmative action to insure that applicants are employed, and that employees are treated during their employment, without regard to their race, religion, color, sex, national origin, or age. Such action shall include, but not be limited to, the following:

employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay, or other forms of compensation; and selection for training, including apprenticeship."

* This includes vendors throughout.

II. **COMPLIANCE**

The Affirmative Action Program must include evidence of the following:

1. Unless Union agreements prohibit and there is no union Affirmative Action Program acceptable to the Human Relations-Youth Resources Commission, or there is no union, the Contractor must use varied sources of new employees. These sources would include state and private employment services and agencies, minority group organizations such as the Urban League, the National Association for the Advancement of Colored People (NAACP), and other ethnic associations, Action for Boston Community Development, Neighborhood Employment Centers, youth groups, special neighborhood groups, Spanish, Chinese, and other minority language sources (Note - the Brookline Human Relations-Youth Resources Commission maintains an Affirmative Action List which it will make available to any contractor upon receipt of written request). These sources (and others) and applicants from them should constitute the Contractor's Affirmative Action List.

2. Job applications shall be retained and maintained in an Affirmative Action File so that the number of minority persons interviewed who have applied to the Contractor for employment, shall be a matter of record. As job opportunities occur, these applications will be considered in filling the job.

3. All notices for job openings shall contain the phrase "An Affirmative Action Employer."

4. Where feasible, effective human relations components must be included in orientation instructions for all employees, in on-the-job training, in first-line supervisor and foreman training and continuing training (especially including reprimand and the possibility of harassment; Note - United States court decisions hold the employer responsible for such forms of discrimination.) Affirmative action in human relations should be included in all industrial and labor relations matters, including union contract discussion and negotiation.

III. DOCUMENTATION

1. All successful contractors shall file an Affirmative Action Plan with the Human Relations-Youth Resources Commission within fifteen (15) days after the execution of the contract prior to the first payment after the fifteen day period has expired if they have not received objection from the Human Relations-Youth Resources Commission.

2. Successful contractors receiving contracts for more than \$50,000 shall be required to file in addition to their Affirmative Action Plan (No. 1 above) the following documentation:

a. Affirmative Action compliance reports that the contractor is required to file with the Area Office, U.S. Department of Housing & Urban Development.

b. A copy of the Contractor's notice to each labor union or representative of workers with which he deals, advising them of affirmative action agreement with the Town (Article 4.4, Section 1 c.)

c. A copy of the notice to each potential sub-contractor of supplies wherein is stated the Contractor's affirmative action program.

d. A copy of the Contractor's notice to all employees, especially managers, the personnel director and first-line supervisors communicating his intentions to abide by the Human Relations-Youth Resources Commission's Affirmative Action Statement.

e. Contractors filing EEO-1 Standard Form 100 with the United States Equal Employment Opportunity Commission, or Affirmative Action Compliance Reports under the Department of Labor, Office of Federal Contract Compliance Rules and Regulations Part 60-1. 40, under authority of Presidential Executive Order 11246 (amended 1968) shall include copies of the most recent returns. Copies of the most recent plans under the Governor's Executive Order 74, filed with the Massachusetts Commission Against Discrimination, should also be filed with the Human Relations-Youth Resources Commission.

3. Successful contractors receiving contracts between \$10,000 and \$50,000 may be required, if requested by the Human Relations-Youth Resources Commission, to submit some or all of the applicable documentation listed in paragraph number two above.

IV. PROCEDURE

The following procedure must be adhered to:

1. The successful contractor will be obliged to return the necessary documentation as previously outlined to the Human-Relations-Youth Resources Commission.
2. Technical assistance in the preparation and implementation of effective Affirmative Action Compliance Programs will be supplied by the Human Relations-Youth Resources Commission, or sources for such assistance recommended, upon request by the Contractor.
3. Giving of Reports: Required documents shall be in the Human Relations-Youth Resources Commission Office within fifteen (15) days after the execution of the contract and prior to the first payment, except when extended by the Human Relations-Youth Resources Commission.

V. REVIEW

The contractor will be subject to periodic review made by the Human Relations-Youth Resources Commission on the basis of these documents and other supplementary information, including field investigation and consultation with other government agencies.

TOWN OF BROOKLINE, MASSACHUSETTS
NOTICE TO BIDDERS AND CONTRACTORS
TOWN POLICY ON ARAB LEAGUE STATES BOYCOTT
AGAINST THE STATE OF ISRAEL

The Board of Selectmen unanimously voted the following Resolution on July 12, 1976:

WHEREAS, the Town of Brookline has established an Affirmative Action Program in accordance with the provisions of Article 4.4 of the Town By-Laws; and

WHEREAS, the Arab League States are enforcing a boycott against the sovereign State of Israel, an ally of the United States; and

WHEREAS, it is the stated policy of the United States of America to oppose economic sanctions used against our allies; and

WHEREAS, the Arab League States are enforcing a secondary boycott against American companies which are trading with or in Israel; and

WHEREAS, the Arab League States are enforcing a tertiary boycott which requires American companies to discriminate against other American companies; and

WHEREAS, certain Arab States require American companies to discriminate in employment against Jews, blacks and women; and

WHEREAS, these practices are contrary and violate the American democratic tradition, morality, and law and the policies of the Town of Brookline, and represent an imposition of foreign discriminatory practices on Americans;

NOW THEREFORE, it is hereby resolved as a matter of public policy that the Town of Brookline declares that it will not trade with any company or corporation which practices discrimination against persons because of their friendly relations with our ally, the State of Israel, and it is further hereby

RESOLVED, that the Purchasing Agent for the Town of Brookline be and the same hereby is requested to inform all contractors with the Town of this non-discriminatory policy and directed to enforce the above policy with respect to all goods, services and commodities purchased by the Town.

Excerpt from the Bylaws of the Town of Brookline

ARTICLE 4.4 FAIR EMPLOYMENT PRACTICES RELATIVE TO TOWN CONTRACTS

SECTION 4.4.1 CONTRACT PROVISIONS AND REQUIREMENTS

Subject to the exceptions hereinafter stated, all contracts awarded by the Town and all agencies and departments thereof, shall include the following provisions :

During the performance of this Contract, the Contractor, for himself, his assignees and successors in interest (hereinafter referred to as the "Contractor"), agrees as follows:

- (a) The Contractor will comply with the provisions of Chapter 151B, as amended, of the General Laws of Massachusetts relative to non-discrimination which are incorporated herein by reference and made a part of this Contract.
- (b) In the performance of work under this Contract, the Contractor shall not discriminate in employment practices or in the selection or retention of subcontractors or in the procurement of materials or rental of equipment on the grounds of race, color, religion, gender identity or gender expression, or national origin, or on the grounds of age or sex except when age or sex is a bona fide occupational qualification.

The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representative of the Contractor's commitments under this section, and shall post copies of such notice in conspicuous places available to employees and applicants for employment.

- (c) In all solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract and for the procurement of materials and equipment, each potential subcontractor or supplier shall be notified in writing by the Contractor of the Contractor's obligations under this Contract relative to non-discrimination on grounds of race, color, religion, gender identity or gender expression, national origin, age or sex, and his obligations to pursue an affirmative course of action as required by paragraph (d).
- (d) The Contractor will pursue an affirmative course of action as required by affirmative action guidelines adopted by the Human Relations Commission in effect on the effective date of the contract, or when calls for proposals are made, whichever is sooner, which are herein incorporated by reference, attached hereto, and made a part of this contract and to the nature and size of his work force, to insure that applicants are sought and employed, and that employees are treated, during their employment, without regard to their race, color, gender identity or gender expression, national origin or ancestry, or religion. No changes in affirmative action guidelines hereinafter adopted by the Commission shall be effective with respect to contracts already in effect, without the express written consent of the contractor.

(e) In the event the Contractor fails to comply with the foregoing non-discrimination provisions of this Contract, the contracting agency of the Town, upon advice and counsel of the Human Relations Commission, shall impose such contract sanctions as it may determine to be appropriate, including but not limited to:

- (1) withholding of payment due the Contractor under this contract until the Contractor complies, and/or
- (2) cancellation, termination or suspension of this Contract, in whole or in part.

For the purposes of this section the contracting agency of the Town shall accept as proof of noncompliance with the provisions of subsection (a), only final orders or decisions of the Massachusetts Commission Against Discrimination.

(f) The provisions of this section shall be deemed supplementary to, and not in lieu of, or in substitution for, the provisions of Massachusetts Law relating to non-discrimination, and other applicable Federal, State or Town law, by-law, rule, regulation and directive relative thereto. In the event of a conflict between the provisions of this section and, where inserted or incorporated in this contract, an applicable state or federal law, rule, regulation or directive, the conflicting provisions of the latter shall control.

SECTION 4.4.2 EXEMPTIONS

The requirements of Section 4.4.1 shall not apply to the following contracts :

- a) Whenever work is to be or has been performed outside the state and no recruitment of workers within the state is involved
- b) Those involving standard commercial supplies or raw materials
- c) When the Contractor is a club exclusively social, or a fraternal association or corporation, if such club, association or corporation is not organized for private profit.
- d) When the Contractor employs fewer than six persons
- e) When the total value of the contract is less than \$10,000.00
- f) Contracts involving joint purchases with the State
- g) Contracts with the Commonwealth for construction of public works
- h) Contracts for financial assistance with a government or governmental agency
- i) Notes and bonds of the Town
- j) Employment by the Town of officers and employees of the Town
- k) Whenever it is deemed necessary or appropriate the Board of Selectmen, upon the advise and counsel of the Human Relations Commission, may exempt any contract not covered by the foregoing exemptions from the operation of this By-law in whole or in part.

SECTION 4.4.3 REQUESTS FOR PROPOSALS

All REQUESTS for proposals for contracts subject to the provisions of this Article shall include a statement notifying all bidders that the contract awarded pursuant to the proposal is subject to the provision of this Article of the By-laws, relating to non-discrimination in employment.

Excerpt from the Bylaws of the Town of Brookline

**ARTICLE 4.5
DISCRIMINATION PROHIBITION WITH REGARD TO CONTRACTS**

SECTION 4.5.1 UNLAWFUL PRACTICE

It shall be an unlawful practice for a person proposing to enter into a contract with the town, under general laws, chapter 30b, that exceeds \$10,000.00, to discriminate against any individual because of the race, color, religious creed, national origin, sex, sexual orientation, which shall not include persons whose sexual orientation involves minor children as the sex object, age or ancestry of any individual.

SECTION 4.5.2 CERTIFICATION OF CONTRACTOR

Any person or employer proposing to contract with the town, as set forth in section 4.5.1, shall file with the contract documents a certification made under the pains and penalties of perjury that the person or employer does not discriminate against any individual, as set forth in section 4.5.1.

SECTION 4.5.3 AWARD OF CONTRACT

Unless otherwise required by law, no contract shall be executed until the certification required under section 4.5.2 has been filed with the awarding authority. The provisions of article 4.4 shall, when applicable, apply to this article 4.5.

TOWN OF BROOKLINE

SUPPLEMENTAL EQUAL EMPLOYMENT OPPORTUNITY
ANTI-DISCRIMINATION AND AFFIRMATIVE
ACTION PROGRAM

- I For the purposes of this contract, "minority" refers to Asian-Americans, Blacks, Spanish Surnamed Americans, North American Indians, and Cape Verdeans. "Commission" refers to the Massachusetts Commission Against Discrimination. "Town" hereinafter refers to the Town of Brookline.
- II During the performance of this contract, the Contractor and all of (his) Sub-contractors (hereinafter collectively referred to as the Contractor), for himself, his assignees, and successors in interest, agree as follows:
1. In connection with the performance of work under this contract, the contractor shall not discriminate against any employee or applicant for employment because of race, color, religious creed, national origin, age, or sex. The aforesaid provision shall include, but not be limited to, the following: employment upgrading, demotion, or transfer; recruitment advertising; recruitment layoff; termination; rates of pay or other forms of compensation; conditions or privileges of employment; and selection of apprenticeship. The Contractor shall post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by the Town setting forth the provisions of the Fair Employment Practices Law of the Commonwealth (M.G.L. Chapter 151B).
 2. In connection with the performance of work under this contract, the Contractor shall undertake in good faith affirmative action measures designed to eliminate any discriminatory barriers in the terms and conditions of employment on the grounds of race, color, religious creed, national origin, age, or sex, and to eliminate and remedy any effects of such discrimination in the past. Such affirmative action shall entail positive and aggressive measures to ensure equal opportunity in the areas of hiring, upgrading, demotion, or transfer, recruitment, layoff or termination, rate of compensation, and in-service or apprenticeship training programs. This affirmative action shall include all action required to guarantee equal opportunity in employment for all persons, regardless of race, color, religious creed, national origin, age or sex. A purpose of this provision is to ensure to the fullest extent possible an adequate supply of skilled tradesmen for this and future Town public construction projects.
- III 1. As part of his obligation of remedial action under the foregoing section, the Contractor shall maintain on this project a not less than 5% ratio of minority employee man hours to total man hours in each job category including but not limited to brick-layers, carpenters, cement masons, electricians, ironworkers, operating engineers, and those "classes of work" enumerated in Section 44C of Chapter 149 of the Massachusetts General Laws.

2. In the hiring of minority journeyman, apprentices, trainees, and advanced trainees, the Contractor shall rely on referrals from a multi-employer affirmative action program approved by the Town, traditional referral methods utilized by the construction industry, and referrals from agencies, not more than three in number at any one time, designated by the Liaison Committee of the Town.

IV 1. At the discretion of either the Commission or the Town there may be established for the life of this contract a body to be known as the Liaison Committee. The Liaison Committee shall be composed of one representative each from the agency or agencies administering this project, hereinafter called the administering agency, the Town and such other representatives as may be designated by the Town in conjunction with the administering agency.

2. The Contractor (or his agent, if any, designated by him as the on-site equal employment opportunity officer) shall recognize the Liaison Committee as an affirmative action body, and shall establish a continuing working relationship with the Liaison Committee, consulting with the Liaison Committee on all matters related to minority recruitment, referral, employment and training.

3. The Contractor shall prepare projected manning tables on a quarterly basis. These shall be broken down into projections, by week, or workers required in each trade. Copies shall be furnished one week in advance of the commencement of the period covered, and also when updated, to the Town and Liaison Committee.

4. Records of employment referral orders, prepared by the Contractor, shall be available to the Town and to the Liaison Committee on request.

5. The Contractor shall prepare weekly reports in a form approved by the Town of hours worked in each trade by each employee, identified as minority or non-minority. Copies of these shall be provided at the end of each week to the Town and to the Liaison Committee.

V If the Contractor shall use any subcontractor on any work performed under this contract, he shall take affirmative action to negotiate with qualified minority subcontractors. This affirmative action shall cover both pre-bid and post-bid periods. It shall include notification to the Office of Minority Business Assistance (within the Executive Office of Commerce and Development) or its designee, while bids are in preparation, of all products, work or services for which the Contractor intends to negotiate bids.

VI In the employment of journeymen, apprentices, trainees and advanced trainees, the Contractor shall give preference, first to citizens of the Commonwealth who have served in the armed forces of the United States in time of war and have been honorably discharged there-from or released from active duty therein, and who are qualified to perform the work to which the employment relates, and secondly, to citizens of the Commonwealth generally, and, if such cannot be obtained in sufficient numbers, then to citizens of the United States.

VII A designee of the Town and a designee of the Liaison Committee shall each have right of access to the construction site.

VIII Compliance with Requirements

The Contractor shall comply with the provisions of Executive Order No. 74, as amended by Executive Order No. 116 dated May 1, 1975, and of Chapter 151B as amended, of the Massachusetts General Laws, both of which are herein incorporated by reference and made a part of this contract.

IX Non-Discrimination

The Contractor, in the performance of all work after award, and prior to completion of the contract work, will not discriminate on grounds of race, color, religious creed, national origin, age or sex in employment practices, in the selection or retention of subcontractors, or in the procurement of materials and rentals of equipment.

X Solicitations for Sub-Contracts, and for the Procurement of Material and Equipment

In all solicitations either by competitive bidding or negotiation made by the Contractor either for work to be performed under a subcontract or for the procurement of materials or equipment, each potential subcontractor supplier shall be notified in writing by the Contractor of the Contractor's obligations under this contract relative to non-discrimination and affirmative action.

XI Bidders Certification Requirement

The following certification statement will be inserted in the bid document just above the bidder's signature, as a substitute for the present bidder certification form:

"The bidder hereby certifies he shall comply with the minority manpower ratio and specific action steps contained in the appendix EEO attached hereto, including compliance with the minority contractor compliance specified in Section V of said appendix. The contractor receiving the award of the contract shall be required to obtain from each of its subcontractors and submit to the contracting or administering agency prior to the performance of any work under said contract a certification by said subcontractor, regardless of tier, that it will comply with the minority manpower ratio and specific affirmative action steps contained in the appendix EEO."

XII Contractor's Certification

The Contractor's certification form must be signed by all successful low bidder(s) prior to execution by the contracting agency. (See attachment).

XIII Compliance - Information, Reports and Sanctions

1. The Contractor will provide all information and reports required by the administering agency or the Town on instructions issued by either of them and will permit access to its facilities and any books, records, accounts and other sources of information which may be determined by the Town to affect the employment of personnel. This provision shall apply only to information pertinent to the Town's supplementary affirmative action contract requirements. Where information required is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the administering agency or the Town as appropriate and shall set forth what efforts he has made to obtain the information.

2. Whenever the administering agency, the Town, or the Liaison Committee believes the General Contractor or any Subcontractor may not be operating in compliance with the terms of this Section, the Town directly, or through its designated agent, shall conduct an appropriate investigation, and may confer with the parties, to determine if such Contractor is operating in compliance with the terms of this Section. If the Town or its agent finds the General Contractor or any subcontractor not in compliance, it shall make a preliminary report on non-compliance, and notify such Contractor in writing of such steps as will in the judgment of the Town or its agent bring such Contractor into compliance. In the event that such Contractor fails or refuses to fully perform such steps, the Town shall make a final report of non-compliance, and recommend to the administering agency the imposition of one or more of the sanctions listed below. If, however, the Town believes the General Contractor or any Subcontractor has taken or is taking every possible measure to achieve compliance, it shall not make a final report of non-compliance. Within fourteen days of the receipt of the recommendations of the Town, the administering agency shall move to impose one or more of the following sanctions, as it may deem appropriate to attain full and effective enforcement:

a. The recovery by the administering agency from the General Contractor of 1/100 of 1% of the contract award price or \$1000 whichever sum is greater, in the nature of liquidated damages or, if a Subcontractor is in non-compliance, the recovery by the administering agency from the General Contractor, to be assessed by the General Contractor as a back charge against the Subcontractor, of 1/10 of 1% of the subcontract price, or \$400 whichever sum is greater, in the nature of liquidated damages, for each week that such party fails or refuses to comply.

b. The suspension of any payment or part thereof due under the contract until such time as the General Contractor or any Subcontractor is able to demonstrate his compliance with the terms of the contract.

c. The termination, or cancellation, of the contract, in whole or in part, unless the General Contractor or any Subcontractor is able to demonstrate within a specified time his compliance with the terms of the contract.

d. The denial to the General Contractor or any Subcontractor of the right to participate in any future contracts awarded by the administering agency for a period of up to three years.

3. If at any time after the imposition of one or more of the above sanctions a Contractor is able to demonstrate that he is in compliance with this Section, he may request the administering agency, in consultation with the Town, to suspend the sanctions conditionally, pending a final determination by the Town as to whether the Contractor is in compliance. Upon final determination of the Town, the administering agency, based on the recommendation of the Town, shall either lift the sanctions or reimpose them.

4. Sanctions enumerated under Sections XIII-2 shall not be imposed by the administering agency except after an adjudicatory proceeding, as that term is used M.G.L. c. 30A, has been conducted. No investigation by the Town or its agent shall be initiated without prior notice to the Contractor.

XIV Severability

The provisions of this section are severable, and if any of these provisions shall be held unconstitutional by any court of competent jurisdiction, the decision of such court shall not affect or impair any of the remaining provisions.

CONTRACTOR'S CERTIFICATION

CONTRACT NO. PW/21-01, Repair of Cement Concrete Sidewalks

Prior to the execution of this Contract, the contractor must submit the following certification, which is deemed a part of the resulting Contract.

CONTRACTOR'S CERTIFICATION

_____ certifies that:

1. it intends to use the following listed construction trades in the work under the contract:

_____ ; and

2. will comply with the minority manpower ratio and specific affirmative action steps contained herein; and

3. will obtain from each of its subcontractors and submit to the contracting or administering agency prior to the award of any subcontract under this contract the subcontractor certification required by these bid conditions.

(Signature of Authorized representative of Contractor)

Company Name _____

Address _____

City _____ State _____ Zip _____

Tel. No. (_____) _____

SUBCONTRACTOR'S CERTIFICATION

CONTRACT NO. PW/21-01, Repair of Cement Concrete Sidewalks

Prior to the award of any subcontract, regardless of tier, the prospective subcontractor must execute and submit to the Prime Contractor the following certification, which will be deemed a part of the resulting subcontract:

SUBCONTRACTOR'S CERTIFICATION

_____ certifies that:

1. it intends to use the following listed construction trades in the work under the subcontract:

_____ ; and

2. will comply with the minority manpower ratio and specific affirmative action steps contained herein; and

3. will obtain from each of the subcontractors prior to the award of any subcontract under this subcontract the subcontractor certification required by these bid conditions.

(Signature of authorized representative of subcontractor)

In order to ensure that the said subcontractor's, certification becomes a part of all subcontracts under the prime contract, no subcontract shall be executed until an authorized representative of the Town agency (or agencies) administering this project has determined, in writing, that the said certification has been incorporated in such subcontract, regardless of tier. Any subcontract executed without such written approval shall be void.

Company Name _____

Address _____

City _____ State _____ Zip _____

Tel. No. (____) _____

CERTIFICATE OF NON-DISCRIMINATION

Pursuant to Section 4.5.2 of the General By-laws of the Town of Brookline, the undersigned certifies under the pains and penalties of perjury that it does not discriminate against any individual because of the race, color, religious creed, national origin, sex, gender identity or gender expression, sexual orientation, which shall not include persons whose sexual orientation involves minor children as the sex object, age or ancestry of the individual.

(Name of person signing bid)

(Company)

NOT FOR BID



**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**

CHARLES D. BAKER
Governor

ROSALIN ACOSTA
Secretary

KARYN E. POLITO
Lt. Governor

MICHAEL FLANAGAN
Director

Awarding Authority: Town of Brookline
Contract Number: PW/21-01 **City/Town:** BROOKLINE
Description of Work: Repair of cement concrete sidewalks and installation of granite curbing throughout various locations in the Town.
Job Location: Various

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.
- An Awarding Authority 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. For CM AT RISK projects (bid pursuant to G.L. c.149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.
- 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. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for 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 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 Department of Labor Standards, Division of Apprentice Standards (DLS/DAS). Apprentice must keep his/her apprentice identification card on his/her person during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **Any apprentice not registered with DLS/DAS regardless of whether or not they are registered with any other federal, state, local, or private agency 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. For multi-year CM AT RISK projects, awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. 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 and a Statement of Compliance directly to the awarding authority by mail or email 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.

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Construction						
(2 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2020	\$35.15	\$12.41	\$13.72	\$0.00	\$61.28
	08/01/2020	\$35.15	\$12.91	\$13.72	\$0.00	\$61.78
	12/01/2020	\$35.15	\$12.91	\$14.82	\$0.00	\$62.88
	06/01/2021	\$35.95	\$12.91	\$14.82	\$0.00	\$63.68
	08/01/2021	\$35.95	\$13.41	\$14.82	\$0.00	\$64.18
	12/01/2021	\$35.95	\$13.41	\$16.01	\$0.00	\$65.37
(3 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2020	\$35.22	\$12.41	\$13.72	\$0.00	\$61.35
	08/01/2020	\$35.22	\$12.91	\$13.72	\$0.00	\$61.85
	12/01/2020	\$35.22	\$12.91	\$14.82	\$0.00	\$62.95
	06/01/2021	\$36.02	\$12.91	\$14.82	\$0.00	\$63.75
	08/01/2021	\$36.02	\$13.41	\$14.82	\$0.00	\$64.25
	12/01/2021	\$36.02	\$13.41	\$16.01	\$0.00	\$65.44
(4 & 5 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2020	\$35.34	\$12.41	\$13.72	\$0.00	\$61.47
	08/01/2020	\$35.34	\$12.91	\$13.72	\$0.00	\$61.97
	12/01/2020	\$35.34	\$12.91	\$14.82	\$0.00	\$63.07
	06/01/2021	\$36.14	\$12.91	\$14.82	\$0.00	\$63.87
	08/01/2021	\$36.14	\$13.41	\$14.82	\$0.00	\$64.37
	12/01/2021	\$36.14	\$13.41	\$16.01	\$0.00	\$65.56
ADS/SUBMERSIBLE PILOT <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2019	\$102.78	\$9.90	\$21.15	\$0.00	\$133.83
For apprentice rates see "Apprentice- PILE DRIVER"						
AIR TRACK OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.90	\$8.60	\$17.09	\$0.00	\$65.59
	12/01/2020	\$40.88	\$8.60	\$17.09	\$0.00	\$66.57
	06/01/2021	\$41.90	\$8.60	\$17.09	\$0.00	\$67.59
	12/01/2021	\$42.91	\$8.60	\$17.09	\$0.00	\$68.60
For apprentice rates see "Apprentice- LABORER"						
ASBESTOS REMOVER - PIPE / MECH. EQUIPT. <i>HEAT & FROST INSULATORS LOCAL 6 (BOSTON)</i>	06/01/2020	\$38.00	\$12.50	\$8.85	\$0.00	\$59.35
	12/01/2020	\$39.00	\$12.50	\$8.85	\$0.00	\$60.35
ASPHALT RAKER <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10
For apprentice rates see "Apprentice- LABORER"						
ASPHALT/CONCRETE/CRUSHER PLANT-ON SITE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$49.33	\$13.00	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.48	\$13.00	\$15.70	\$0.00	\$79.18
	06/01/2021	\$51.58	\$13.00	\$15.70	\$0.00	\$80.28
	12/01/2021	\$52.73	\$13.00	\$15.70	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BACKHOE/FRONT-END LOADER <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$49.33	\$13.00	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.48	\$13.00	\$15.70	\$0.00	\$79.18
	06/01/2021	\$51.58	\$13.00	\$15.70	\$0.00	\$80.28
	12/01/2021	\$52.73	\$13.00	\$15.70	\$0.00	\$81.43
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 1</i>	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10
For apprentice rates see "Apprentice- LABORER"						
BLOCK PAVER, RAMMER / CURB SETTER <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.90	\$8.60	\$17.09	\$0.00	\$65.59
	12/01/2020	\$40.88	\$8.60	\$17.09	\$0.00	\$66.57
	06/01/2021	\$41.90	\$8.60	\$17.09	\$0.00	\$67.59
	12/01/2021	\$42.91	\$8.60	\$17.09	\$0.00	\$68.60
For apprentice rates see "Apprentice- LABORER"						
BOILER MAKER <i>BOILERMAKERS LOCAL 29</i>	01/01/2020	\$46.10	\$7.07	\$17.98	\$0.00	\$71.15

Apprentice - BOILERMAKER - Local 29

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$29.97	\$7.07	\$11.69	\$0.00	\$48.73
2	65	\$29.97	\$7.07	\$11.69	\$0.00	\$48.73
3	70	\$32.27	\$7.07	\$12.59	\$0.00	\$51.93
4	75	\$34.58	\$7.07	\$13.49	\$0.00	\$55.14
5	80	\$36.88	\$7.07	\$14.38	\$0.00	\$58.33
6	85	\$39.19	\$7.07	\$15.29	\$0.00	\$61.55
7	90	\$41.49	\$7.07	\$16.18	\$0.00	\$64.74
8	95	\$43.80	\$7.07	\$17.09	\$0.00	\$67.96

Notes:

Apprentice to Journeyworker Ratio:1:4

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING) <i>BRICKLAYERS LOCAL 3 (BOSTON)</i>	02/01/2020	\$54.40	\$10.75	\$21.94	\$0.00	\$87.09
	08/01/2020	\$55.75	\$10.75	\$22.09	\$0.00	\$88.59
	02/01/2021	\$56.39	\$10.75	\$22.09	\$0.00	\$89.23
	08/01/2021	\$57.79	\$10.75	\$22.25	\$0.00	\$90.79
	02/01/2022	\$58.38	\$10.75	\$22.25	\$0.00	\$91.38

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - BRICK/PLASTER/CEMENT MASON - Local 3 Boston

Effective Date - 02/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$27.20	\$10.75	\$21.94	\$0.00	\$59.89
2	60	\$32.64	\$10.75	\$21.94	\$0.00	\$65.33
3	70	\$38.08	\$10.75	\$21.94	\$0.00	\$70.77
4	80	\$43.52	\$10.75	\$21.94	\$0.00	\$76.21
5	90	\$48.96	\$10.75	\$21.94	\$0.00	\$81.65

Effective Date - 08/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$27.88	\$10.75	\$22.09	\$0.00	\$60.72
2	60	\$33.45	\$10.75	\$22.09	\$0.00	\$66.29
3	70	\$39.03	\$10.75	\$22.09	\$0.00	\$71.87
4	80	\$44.60	\$10.75	\$22.09	\$0.00	\$77.44
5	90	\$50.18	\$10.75	\$22.09	\$0.00	\$83.02

Notes:

Apprentice to Journeyworker Ratio:1:5

BULLDOZER/GRADER/SCRAPER	06/01/2020	\$48.81	\$13.00	\$15.70	\$0.00	\$77.51
<i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2020	\$49.95	\$13.00	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.04	\$13.00	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.18	\$13.00	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CAISSON & UNDERPINNING BOTTOM MAN	06/01/2020	\$40.30	\$8.60	\$17.24	\$0.00	\$66.14
<i>LABORERS - FOUNDATION AND MARINE</i>	12/01/2020	\$41.28	\$8.60	\$17.24	\$0.00	\$67.12
	06/01/2021	\$42.30	\$8.60	\$17.24	\$0.00	\$68.14
	12/01/2021	\$43.31	\$8.60	\$17.24	\$0.00	\$69.15

For apprentice rates see "Apprentice- LABORER"

CAISSON & UNDERPINNING LABORER	06/01/2020	\$39.15	\$8.60	\$17.24	\$0.00	\$64.99
<i>LABORERS - FOUNDATION AND MARINE</i>	12/01/2020	\$40.13	\$8.60	\$17.24	\$0.00	\$65.97
	06/01/2021	\$41.15	\$8.60	\$17.24	\$0.00	\$66.99
	12/01/2021	\$42.16	\$8.60	\$17.24	\$0.00	\$68.00

For apprentice rates see "Apprentice- LABORER"

CAISSON & UNDERPINNING TOP MAN	06/01/2020	\$39.15	\$8.60	\$17.24	\$0.00	\$64.99
<i>LABORERS - FOUNDATION AND MARINE</i>	12/01/2020	\$40.13	\$8.60	\$17.24	\$0.00	\$65.97
	06/01/2021	\$41.15	\$8.60	\$17.24	\$0.00	\$66.99
	12/01/2021	\$42.16	\$8.60	\$17.24	\$0.00	\$68.00

For apprentice rates see "Apprentice- LABORER"

CARBIDE CORE DRILL OPERATOR	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
<i>LABORERS - ZONE 1</i>	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CARPENTER	03/01/2020	\$50.64	\$9.40	\$18.95	\$0.00	\$78.99
CARPENTERS -ZONE 1 (Metro Boston)	09/01/2020	\$51.54	\$9.40	\$18.95	\$0.00	\$79.89
	03/01/2021	\$52.39	\$9.40	\$18.95	\$0.00	\$80.74
	09/01/2021	\$53.29	\$9.40	\$18.95	\$0.00	\$81.64
	03/01/2022	\$54.14	\$9.40	\$18.95	\$0.00	\$82.49
	09/01/2022	\$55.04	\$9.40	\$18.95	\$0.00	\$83.39
	03/01/2023	\$55.89	\$9.40	\$18.95	\$0.00	\$84.24

Apprentice - CARPENTER - Zone 1 Metro Boston

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.32	\$9.40	\$1.73	\$0.00	\$36.45
2	60	\$30.38	\$9.40	\$1.73	\$0.00	\$41.51
3	70	\$35.45	\$9.40	\$13.76	\$0.00	\$58.61
4	75	\$37.98	\$9.40	\$13.76	\$0.00	\$61.14
5	80	\$40.51	\$9.40	\$15.49	\$0.00	\$65.40
6	80	\$40.51	\$9.40	\$15.49	\$0.00	\$65.40
7	90	\$45.58	\$9.40	\$17.22	\$0.00	\$72.20
8	90	\$45.58	\$9.40	\$17.22	\$0.00	\$72.20

Effective Date - 09/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.77	\$9.40	\$1.73	\$0.00	\$36.90
2	60	\$30.92	\$9.40	\$1.73	\$0.00	\$42.05
3	70	\$36.08	\$9.40	\$13.76	\$0.00	\$59.24
4	75	\$38.66	\$9.40	\$13.76	\$0.00	\$61.82
5	80	\$41.23	\$9.40	\$15.49	\$0.00	\$66.12
6	80	\$41.23	\$9.40	\$15.49	\$0.00	\$66.12
7	90	\$46.39	\$9.40	\$17.22	\$0.00	\$73.01
8	90	\$46.39	\$9.40	\$17.22	\$0.00	\$73.01

Notes:
 % Indentured After 10/1/17; 45/45/55/55/70/70/80/80
 Step 1&2 \$33.92/ 3&4 \$40.65/ 5&6 \$60.34/ 7&8 \$67.13

Apprentice to Journeyworker Ratio:1:5

CARPENTER WOOD FRAME	10/01/2019	\$32.97	\$7.07	\$7.86	\$0.00	\$47.90
CARPENTERS -ZONE 1 (Wood Frame)						

All Aspects of New Wood Frame Work

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - CARPENTER (Wood Frame) - Zone 1

Effective Date - 10/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.78	\$7.07	\$0.00	\$0.00	\$26.85
2	60	\$19.78	\$7.07	\$0.00	\$0.00	\$26.85
3	65	\$21.43	\$7.07	\$7.86	\$0.00	\$36.36
4	70	\$23.08	\$7.07	\$7.86	\$0.00	\$38.01
5	75	\$24.73	\$7.07	\$7.86	\$0.00	\$39.66
6	80	\$26.38	\$7.07	\$7.86	\$0.00	\$41.31
7	85	\$28.02	\$7.07	\$7.86	\$0.00	\$42.95
8	90	\$29.67	\$7.07	\$7.86	\$0.00	\$44.60

Notes:

% Indentured After 10/1/17: 45/45/55/55/70/70/80/80
 Step 1&2 \$21.91/ 3&4 \$29.95/ 5&6 \$38.01/ 7&8 \$41.31

Apprentice to Journeyworker Ratio:1:5

CEMENT MASONRY/PLASTERING BRICKLAYERS LOCAL 3 (BOSTON)	01/01/2020	\$49.07	\$12.75	\$22.41	\$0.62	\$84.85
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Apprentice - CEMENT MASONRY/PLASTERING - Eastern Mass (Boston)

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.54	\$12.75	\$15.41	\$0.00	\$52.70
2	60	\$29.44	\$12.75	\$17.41	\$0.62	\$60.22
3	65	\$31.90	\$12.75	\$18.41	\$0.62	\$63.68
4	70	\$34.35	\$12.75	\$19.41	\$0.62	\$67.13
5	75	\$36.80	\$12.75	\$20.41	\$0.62	\$70.58
6	80	\$39.26	\$12.75	\$21.41	\$0.62	\$74.04
7	90	\$44.16	\$12.75	\$22.41	\$0.62	\$79.94

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 1	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10

For apprentice rates see "Apprentice- LABORER"

CLAM SHELLS/SLURRY BUCKETS/HEADING MACHINES OPERATING ENGINEERS LOCAL 4	06/01/2020	\$50.33	\$13.00	\$15.70	\$0.00	\$79.03
	12/01/2020	\$51.48	\$13.00	\$15.70	\$0.00	\$80.18
	06/01/2021	\$52.58	\$13.00	\$15.70	\$0.00	\$81.28
	12/01/2021	\$53.73	\$13.00	\$15.70	\$0.00	\$82.43

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
COMPRESSOR OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$32.72	\$13.00	\$15.70	\$0.00	\$61.42
	12/01/2020	\$33.50	\$13.00	\$15.70	\$0.00	\$62.20
	06/01/2021	\$34.25	\$13.00	\$15.70	\$0.00	\$62.95
	12/01/2021	\$35.04	\$13.00	\$15.70	\$0.00	\$63.74

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

DELEADER (BRIDGE) <i>PAINTERS LOCAL 35 - ZONE 1</i>	01/01/2020	\$50.96	\$8.20	\$22.10	\$0.00	\$81.26
	07/01/2020	\$51.51	\$8.25	\$22.40	\$0.00	\$82.16
	01/01/2021	\$52.06	\$8.25	\$22.75	\$0.00	\$83.06

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.48	\$8.20	\$0.00	\$0.00	\$33.68
2	55	\$28.03	\$8.20	\$5.94	\$0.00	\$42.17
3	60	\$30.58	\$8.20	\$6.48	\$0.00	\$45.26
4	65	\$33.12	\$8.20	\$7.02	\$0.00	\$48.34
5	70	\$35.67	\$8.20	\$18.86	\$0.00	\$62.73
6	75	\$38.22	\$8.20	\$19.40	\$0.00	\$65.82
7	80	\$40.77	\$8.20	\$19.94	\$0.00	\$68.91
8	90	\$45.86	\$8.20	\$21.02	\$0.00	\$75.08

Effective Date - 07/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.76	\$8.25	\$0.00	\$0.00	\$34.01
2	55	\$28.33	\$8.25	\$6.05	\$0.00	\$42.63
3	60	\$30.91	\$8.25	\$6.60	\$0.00	\$45.76
4	65	\$33.48	\$8.25	\$7.15	\$0.00	\$48.88
5	70	\$36.06	\$8.25	\$19.10	\$0.00	\$63.41
6	75	\$38.63	\$8.25	\$19.65	\$0.00	\$66.53
7	80	\$41.21	\$8.25	\$20.20	\$0.00	\$69.66
8	90	\$46.36	\$8.25	\$21.30	\$0.00	\$75.91

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

DEMO: ADZEMAN <i>LABORERS - ZONE 1</i>	12/01/2019	\$39.30	\$8.10	\$16.60	\$0.00	\$64.00
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For apprentice rates see "Apprentice- LABORER"

DEMO: BACKHOE/LOADER/HAMMER OPERATOR <i>LABORERS - ZONE 1</i>	12/01/2019	\$40.30	\$8.10	\$16.60	\$0.00	\$65.00
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For apprentice rates see "Apprentice- LABORER"

DEMO: BURNERS <i>LABORERS - ZONE 1</i>	12/01/2019	\$40.05	\$8.10	\$16.60	\$0.00	\$64.75
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For apprentice rates see "Apprentice- LABORER"

DEMO: CONCRETE CUTTER/SAWYER <i>LABORERS - ZONE 1</i>	12/01/2019	\$40.30	\$8.10	\$16.60	\$0.00	\$65.00
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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER"						
DEMO: JACKHAMMER OPERATOR LABORERS - ZONE 1	12/01/2019	\$40.05	\$8.10	\$16.60	\$0.00	\$64.75
For apprentice rates see "Apprentice- LABORER"						
DEMO: WRECKING LABORER LABORERS - ZONE 1	12/01/2019	\$39.30	\$8.10	\$16.60	\$0.00	\$64.00
For apprentice rates see "Apprentice- LABORER"						
DIRECTIONAL DRILL MACHINE OPERATOR OPERATING ENGINEERS LOCAL 4	06/01/2020	\$48.81	\$13.00	\$15.70	\$0.00	\$77.51
	12/01/2020	\$49.95	\$13.00	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.04	\$13.00	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.18	\$13.00	\$15.70	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
DIVER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2019	\$68.52	\$9.90	\$21.15	\$0.00	\$99.57
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2019	\$48.94	\$9.90	\$21.15	\$0.00	\$79.99
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2019	\$73.41	\$9.90	\$21.15	\$0.00	\$104.46
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER/SLURRY (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2019	\$102.78	\$9.90	\$21.15	\$0.00	\$133.83
For apprentice rates see "Apprentice- PILE DRIVER"						
DRAWBRIDGE OPERATOR (Construction) ELECTRICIANS LOCAL 103	03/01/2020	\$53.50	\$13.00	\$19.20	\$0.00	\$85.70
	09/01/2020	\$54.93	\$13.00	\$19.25	\$0.00	\$87.18
	03/01/2021	\$56.13	\$13.00	\$19.28	\$0.00	\$88.41
	09/01/2021	\$57.56	\$13.00	\$19.33	\$0.00	\$89.89
	03/01/2022	\$58.76	\$13.00	\$19.36	\$0.00	\$91.12
	09/01/2022	\$60.19	\$13.00	\$19.41	\$0.00	\$92.60
	03/01/2023	\$61.39	\$13.00	\$19.44	\$0.00	\$93.83
For apprentice rates see "Apprentice- ELECTRICIAN"						
ELECTRICIAN ELECTRICIANS LOCAL 103	03/01/2020	\$53.50	\$13.00	\$19.20	\$0.00	\$85.70
	09/01/2020	\$54.93	\$13.00	\$19.25	\$0.00	\$87.18
	03/01/2021	\$56.13	\$13.00	\$19.28	\$0.00	\$88.41
	09/01/2021	\$57.56	\$13.00	\$19.33	\$0.00	\$89.89
	03/01/2022	\$58.76	\$13.00	\$19.36	\$0.00	\$91.12
	09/01/2022	\$60.19	\$13.00	\$19.41	\$0.00	\$92.60
	03/01/2023	\$61.39	\$13.00	\$19.44	\$0.00	\$93.83

Apprentice - ELECTRICIAN - Local 103

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$21.40	\$13.00	\$0.64	\$0.00	\$35.04
2	40	\$21.40	\$13.00	\$0.64	\$0.00	\$35.04
3	45	\$24.08	\$13.00	\$14.62	\$0.00	\$51.70
4	45	\$24.08	\$13.00	\$14.62	\$0.00	\$51.70
5	50	\$26.75	\$13.00	\$15.04	\$0.00	\$54.79
6	55	\$29.43	\$13.00	\$15.46	\$0.00	\$57.89
7	60	\$32.10	\$13.00	\$15.87	\$0.00	\$60.97
8	65	\$34.78	\$13.00	\$16.29	\$0.00	\$64.07
9	70	\$37.45	\$13.00	\$16.70	\$0.00	\$67.15
10	75	\$40.13	\$13.00	\$17.12	\$0.00	\$70.25

Effective Date - 09/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$21.97	\$13.00	\$0.66	\$0.00	\$35.63
2	40	\$21.97	\$13.00	\$0.66	\$0.00	\$35.63
3	45	\$24.72	\$13.00	\$14.64	\$0.00	\$52.36
4	45	\$24.72	\$13.00	\$14.64	\$0.00	\$52.36
5	50	\$27.47	\$13.00	\$15.06	\$0.00	\$55.53
6	55	\$30.21	\$13.00	\$15.49	\$0.00	\$58.70
7	60	\$32.96	\$13.00	\$15.90	\$0.00	\$61.86
8	65	\$35.70	\$13.00	\$16.32	\$0.00	\$65.02
9	70	\$38.45	\$13.00	\$16.73	\$0.00	\$68.18
10	75	\$41.20	\$13.00	\$17.16	\$0.00	\$71.36

Notes :

App Prior 1/1/03; 30/35/40/45/50/55/65/70/75/80

Apprentice to Journeyworker Ratio:2:3***

ELEVATOR CONSTRUCTOR	01/01/2020	\$61.42	\$15.73	\$18.41	\$0.00	\$95.56
ELEVATOR CONSTRUCTORS LOCAL 4	01/01/2021	\$63.47	\$15.88	\$19.31	\$0.00	\$98.66
	01/01/2022	\$65.62	\$16.03	\$20.21	\$0.00	\$101.86

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - ELEVATOR CONSTRUCTOR - Local 4

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$30.71	\$15.73	\$0.00	\$0.00	\$46.44
2	55	\$33.78	\$15.73	\$18.41	\$0.00	\$67.92
3	65	\$39.92	\$15.73	\$18.41	\$0.00	\$74.06
4	70	\$42.99	\$15.73	\$18.41	\$0.00	\$77.13
5	80	\$49.14	\$15.73	\$18.41	\$0.00	\$83.28

Effective Date - 01/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$31.74	\$15.88	\$0.00	\$0.00	\$47.62
2	55	\$34.91	\$15.88	\$19.31	\$0.00	\$70.10
3	65	\$41.26	\$15.88	\$19.31	\$0.00	\$76.45
4	70	\$44.43	\$15.88	\$19.31	\$0.00	\$79.62
5	80	\$50.78	\$15.88	\$19.31	\$0.00	\$85.97

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>	01/01/2020	\$42.99	\$15.73	\$18.41	\$0.00	\$77.13
	01/01/2021	\$44.43	\$15.88	\$19.31	\$0.00	\$79.62
	01/01/2022	\$45.93	\$16.03	\$20.21	\$0.00	\$82.17
For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"						
FENCE & GUARD RAIL ERECTOR <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10
For apprentice rates see "Apprentice- LABORER"						
FIELD ENG.INST.PERSON-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2020	\$44.73	\$12.50	\$15.70	\$0.00	\$72.93
	11/01/2020	\$45.73	\$12.50	\$15.70	\$0.00	\$73.93
	05/01/2021	\$46.88	\$12.50	\$15.70	\$0.00	\$75.08
	11/01/2021	\$47.88	\$12.50	\$15.70	\$0.00	\$76.08
	05/01/2022	\$49.03	\$12.50	\$15.70	\$0.00	\$77.23
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FIELD ENG.PARTY CHIEF-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2020	\$46.23	\$12.50	\$15.70	\$0.00	\$74.43
	11/01/2020	\$47.24	\$12.50	\$15.70	\$0.00	\$75.44
	05/01/2021	\$48.40	\$12.50	\$15.70	\$0.00	\$76.60
	11/01/2021	\$49.41	\$12.50	\$15.70	\$0.00	\$77.61
	05/01/2022	\$50.57	\$12.50	\$15.70	\$0.00	\$78.77
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FIELD ENG.ROD PERSON-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2020	\$22.64	\$12.50	\$15.70	\$0.00	\$50.84
	11/01/2020	\$23.23	\$12.50	\$15.70	\$0.00	\$51.43
	05/01/2021	\$23.91	\$12.50	\$15.70	\$0.00	\$52.11
	11/01/2021	\$24.51	\$12.50	\$15.70	\$0.00	\$52.71
	05/01/2022	\$25.18	\$12.50	\$15.70	\$0.00	\$53.38
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FIRE ALARM INSTALLER <i>ELECTRICIANS LOCAL 103</i>	03/01/2020	\$53.50	\$13.00	\$19.20	\$0.00	\$85.70
	09/01/2020	\$54.93	\$13.00	\$19.25	\$0.00	\$87.18
	03/01/2021	\$56.13	\$13.00	\$19.28	\$0.00	\$88.41
	09/01/2021	\$57.56	\$13.00	\$19.33	\$0.00	\$89.89
	03/01/2022	\$58.76	\$13.00	\$19.36	\$0.00	\$91.12
	09/01/2022	\$60.19	\$13.00	\$19.41	\$0.00	\$92.60
	03/01/2023	\$61.39	\$13.00	\$19.44	\$0.00	\$93.83
For apprentice rates see "Apprentice- ELECTRICIAN"						
FIRE ALARM REPAIR / MAINTENANCE <i>LOCAL 103</i> <i>ELECTRICIANS</i> <i>/ COMMISSIONING</i>	03/01/2020	\$40.13	\$13.00	\$17.12	\$0.00	\$70.25
	09/01/2020	\$41.20	\$13.00	\$17.16	\$0.00	\$71.36
	03/01/2021	\$42.66	\$13.00	\$17.27	\$0.00	\$72.93
	09/01/2021	\$44.32	\$13.00	\$17.38	\$0.00	\$74.70
	03/01/2022	\$45.83	\$13.00	\$17.49	\$0.00	\$76.32
	09/01/2022	\$47.55	\$13.00	\$17.62	\$0.00	\$78.17
	03/01/2023	\$49.11	\$13.00	\$17.73	\$0.00	\$79.84
For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"						
FIREMAN (ASST. ENGINEER) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$40.30	\$13.00	\$15.70	\$0.00	\$69.00
	12/01/2020	\$41.25	\$13.00	\$15.70	\$0.00	\$69.95
	06/01/2021	\$42.16	\$13.00	\$15.70	\$0.00	\$70.86
	12/01/2021	\$43.11	\$13.00	\$15.70	\$0.00	\$71.81
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FLAGGER & SIGNALER <i>LABORERS - ZONE 1</i>	06/01/2020	\$23.50	\$8.60	\$17.09	\$0.00	\$49.19
	12/01/2020	\$24.50	\$8.60	\$17.09	\$0.00	\$50.19
	06/01/2021	\$24.50	\$8.60	\$17.09	\$0.00	\$50.19
	12/01/2021	\$24.50	\$8.60	\$17.09	\$0.00	\$50.19
For apprentice rates see "Apprentice- LABORER"						
FLOORCOVERER <i>FLOORCOVERERS LOCAL 2168 ZONE 1</i>	03/01/2020	\$47.05	\$9.40	\$19.25	\$0.00	\$75.70
	09/01/2020	\$47.85	\$9.40	\$19.25	\$0.00	\$76.50
	03/01/2021	\$48.65	\$9.40	\$19.25	\$0.00	\$77.30
	09/01/2021	\$49.45	\$9.40	\$19.25	\$0.00	\$78.10
	03/01/2022	\$50.25	\$9.40	\$19.25	\$0.00	\$78.90

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - FLOORCOVERER - Local 2168 Zone I

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.53	\$9.40	\$1.79	\$0.00	\$34.72
2	55	\$25.88	\$9.40	\$1.79	\$0.00	\$37.07
3	60	\$28.23	\$9.40	\$13.88	\$0.00	\$51.51
4	65	\$30.58	\$9.40	\$13.88	\$0.00	\$53.86
5	70	\$32.94	\$9.40	\$15.67	\$0.00	\$58.01
6	75	\$35.29	\$9.40	\$15.67	\$0.00	\$60.36
7	80	\$37.64	\$9.40	\$17.46	\$0.00	\$64.50
8	85	\$39.99	\$9.40	\$17.46	\$0.00	\$66.85

Effective Date - 09/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.93	\$9.40	\$1.79	\$0.00	\$35.12
2	55	\$26.32	\$9.40	\$1.79	\$0.00	\$37.51
3	60	\$28.71	\$9.40	\$13.88	\$0.00	\$51.99
4	65	\$31.10	\$9.40	\$13.88	\$0.00	\$54.38
5	70	\$33.50	\$9.40	\$15.67	\$0.00	\$58.57
6	75	\$35.89	\$9.40	\$15.67	\$0.00	\$60.96
7	80	\$38.28	\$9.40	\$17.46	\$0.00	\$65.14
8	85	\$40.67	\$9.40	\$17.46	\$0.00	\$67.53

Notes: Steps are 750 hrs.
 % After 09/1/17; 45/45/55/55/70/70/80/80 (1500hr Steps)
 Step 1&2 \$32.36/ 3&4 \$38.80/ 5&6 \$58.01/ 7&8 \$64.50

Apprentice to Journeyworker Ratio:1:1

FORK LIFT/CHERRY PICKER <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$49.33	\$13.00	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.48	\$13.00	\$15.70	\$0.00	\$79.18
	06/01/2021	\$51.58	\$13.00	\$15.70	\$0.00	\$80.28
	12/01/2021	\$52.73	\$13.00	\$15.70	\$0.00	\$81.43

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GENERATOR/LIGHTING PLANT/HEATERS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$32.72	\$13.00	\$15.70	\$0.00	\$61.42
	12/01/2020	\$33.50	\$13.00	\$15.70	\$0.00	\$62.20
	06/01/2021	\$34.25	\$13.00	\$15.70	\$0.00	\$62.95
	12/01/2021	\$35.04	\$13.00	\$15.70	\$0.00	\$63.74

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) <i>GLAZIERS LOCAL 35 (ZONE 1)</i>	01/01/2020	\$46.25	\$8.20	\$22.10	\$0.00	\$76.55
	07/01/2020	\$46.80	\$8.25	\$22.40	\$0.00	\$77.45
	01/01/2021	\$47.35	\$8.25	\$22.75	\$0.00	\$78.35

Apprentice - GLAZIER - Local 35 Zone 1

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.13	\$8.20	\$0.00	\$0.00	\$31.33
2	55	\$25.44	\$8.20	\$5.94	\$0.00	\$39.58
3	60	\$27.75	\$8.20	\$6.48	\$0.00	\$42.43
4	65	\$30.06	\$8.20	\$7.02	\$0.00	\$45.28
5	70	\$32.38	\$8.20	\$18.86	\$0.00	\$59.44
6	75	\$34.69	\$8.20	\$19.40	\$0.00	\$62.29
7	80	\$37.00	\$8.20	\$19.94	\$0.00	\$65.14
8	90	\$41.63	\$8.20	\$21.02	\$0.00	\$70.85

Effective Date - 07/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.40	\$8.25	\$0.00	\$0.00	\$31.65
2	55	\$25.74	\$8.25	\$6.05	\$0.00	\$40.04
3	60	\$28.08	\$8.25	\$6.60	\$0.00	\$42.93
4	65	\$30.42	\$8.25	\$7.15	\$0.00	\$45.82
5	70	\$32.76	\$8.25	\$19.10	\$0.00	\$60.11
6	75	\$35.10	\$8.25	\$19.65	\$0.00	\$63.00
7	80	\$37.44	\$8.25	\$20.20	\$0.00	\$65.89
8	90	\$42.12	\$8.25	\$21.30	\$0.00	\$71.67

Notes:
Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

HOISTING ENGINEER/CRANES/GRADALLS	06/01/2020	\$49.33	\$13.00	\$15.70	\$0.00	\$78.03
OPERATING ENGINEERS LOCAL 4	12/01/2020	\$50.48	\$13.00	\$15.70	\$0.00	\$79.18
	06/01/2021	\$51.58	\$13.00	\$15.70	\$0.00	\$80.28
	12/01/2021	\$52.73	\$13.00	\$15.70	\$0.00	\$81.43

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - OPERATING ENGINEERS - Local 4

Effective Date - 06/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$27.13	\$13.00	\$0.00	\$0.00	\$40.13
2	60	\$29.60	\$13.00	\$15.70	\$0.00	\$58.30
3	65	\$32.06	\$13.00	\$15.70	\$0.00	\$60.76
4	70	\$34.53	\$13.00	\$15.70	\$0.00	\$63.23
5	75	\$37.00	\$13.00	\$15.70	\$0.00	\$65.70
6	80	\$39.46	\$13.00	\$15.70	\$0.00	\$68.16
7	85	\$41.93	\$13.00	\$15.70	\$0.00	\$70.63
8	90	\$44.40	\$13.00	\$15.70	\$0.00	\$73.10

Effective Date - 12/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$27.76	\$13.00	\$0.00	\$0.00	\$40.76
2	60	\$30.29	\$13.00	\$15.70	\$0.00	\$58.99
3	65	\$32.81	\$13.00	\$15.70	\$0.00	\$61.51
4	70	\$35.34	\$13.00	\$15.70	\$0.00	\$64.04
5	75	\$37.86	\$13.00	\$15.70	\$0.00	\$66.56
6	80	\$40.38	\$13.00	\$15.70	\$0.00	\$69.08
7	85	\$42.91	\$13.00	\$15.70	\$0.00	\$71.61
8	90	\$45.43	\$13.00	\$15.70	\$0.00	\$74.13

Notes:

Apprentice to Journeyworker Ratio:1:6

HVAC (DUCTWORK) SHEETMETAL WORKERS LOCAL 17 - A	02/01/2020	\$49.36	\$13.35	\$24.12	\$2.61	\$89.44
	08/01/2020	\$50.96	\$13.35	\$24.12	\$2.66	\$91.09
	02/01/2021	\$52.61	\$13.35	\$24.12	\$2.71	\$92.79
	08/01/2021	\$54.36	\$13.35	\$24.12	\$2.76	\$94.59
	02/01/2022	\$56.11	\$13.35	\$24.12	\$2.81	\$96.39

For apprentice rates see "Apprentice- SHEET METAL WORKER"

HVAC (ELECTRICAL CONTROLS) ELECTRICIANS LOCAL 103	03/01/2020	\$53.50	\$13.00	\$19.20	\$0.00	\$85.70
	09/01/2020	\$54.93	\$13.00	\$19.25	\$0.00	\$87.18
	03/01/2021	\$56.13	\$13.00	\$19.28	\$0.00	\$88.41
	09/01/2021	\$57.56	\$13.00	\$19.33	\$0.00	\$89.89
	03/01/2022	\$58.76	\$13.00	\$19.36	\$0.00	\$91.12
	09/01/2022	\$60.19	\$13.00	\$19.41	\$0.00	\$92.60
	03/01/2023	\$61.39	\$13.00	\$19.44	\$0.00	\$93.83

For apprentice rates see "Apprentice- ELECTRICIAN"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HVAC (TESTING AND BALANCING - AIR) <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	02/01/2020	\$49.36	\$13.35	\$24.12	\$2.61	\$89.44
	08/01/2020	\$50.96	\$13.35	\$24.12	\$2.66	\$91.09
	02/01/2021	\$52.61	\$13.35	\$24.12	\$2.71	\$92.79
	08/01/2021	\$54.36	\$13.35	\$24.12	\$2.76	\$94.59
	02/01/2022	\$56.11	\$13.35	\$24.12	\$2.81	\$96.39
For apprentice rates see "Apprentice- SHEET METAL WORKER"						
HVAC (TESTING AND BALANCING -WATER) <i>PIPEFITTERS LOCAL 537</i>	03/01/2020	\$56.19	\$10.95	\$19.74	\$0.00	\$86.88
	09/01/2020	\$57.69	\$10.95	\$19.74	\$0.00	\$88.38
	03/01/2021	\$59.19	\$10.95	\$19.74	\$0.00	\$89.88
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HVAC MECHANIC <i>PIPEFITTERS LOCAL 537</i>	03/01/2020	\$56.19	\$10.95	\$19.74	\$0.00	\$86.88
	09/01/2020	\$57.69	\$10.95	\$19.74	\$0.00	\$88.38
	03/01/2021	\$59.19	\$10.95	\$19.74	\$0.00	\$89.88
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HYDRAULIC DRILLS <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.90	\$8.60	\$17.09	\$0.00	\$65.59
	12/01/2020	\$40.88	\$8.60	\$17.09	\$0.00	\$66.57
	06/01/2021	\$41.90	\$8.60	\$17.09	\$0.00	\$67.59
	12/01/2021	\$42.91	\$8.60	\$17.09	\$0.00	\$68.60
For apprentice rates see "Apprentice- LABORER"						
INSULATOR (PIPES & TANKS) <i>HEAT & FROST INSULATORS LOCAL 6 (BOSTON)</i>	09/01/2019	\$48.44	\$12.80	\$16.40	\$0.00	\$77.64

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

Effective Date - 09/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.22	\$12.80	\$11.90	\$0.00	\$48.92
2	60	\$29.06	\$12.80	\$12.80	\$0.00	\$54.66
3	70	\$33.91	\$12.80	\$13.70	\$0.00	\$60.41
4	80	\$38.75	\$12.80	\$14.60	\$0.00	\$66.15

Notes:

Steps are 1 year

Apprentice to Journeyworker Ratio:1:4

IRONWORKER/WELDER <i>IRONWORKERS LOCAL 7 (BOSTON AREA)</i>	03/16/2019	\$46.66	\$8.00	\$23.50	\$0.00	\$78.16
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Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - IRONWORKER - Local 7 Boston

Effective Date - 03/16/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$28.00	\$8.00	\$23.50	\$0.00	\$59.50
2	70	\$32.66	\$8.00	\$23.50	\$0.00	\$64.16
3	75	\$35.00	\$8.00	\$23.50	\$0.00	\$66.50
4	80	\$37.33	\$8.00	\$23.50	\$0.00	\$68.83
5	85	\$39.66	\$8.00	\$23.50	\$0.00	\$71.16
6	90	\$41.99	\$8.00	\$23.50	\$0.00	\$73.49

Notes:

** Structural 1:6; Ornamental 1:4

Apprentice to Journeyworker Ratio:**

JACKHAMMER & PAVING BREAKER OPERATOR LABORERS - ZONE 1	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10

For apprentice rates see "Apprentice- LABORER"

LABORER LABORERS - ZONE 1	06/01/2020	\$39.15	\$8.60	\$17.09	\$0.00	\$64.84
	12/01/2020	\$40.13	\$8.60	\$17.09	\$0.00	\$65.82
	06/01/2021	\$41.15	\$8.60	\$17.09	\$0.00	\$66.84
	12/01/2021	\$42.16	\$8.60	\$17.09	\$0.00	\$67.85

Apprentice - LABORER - Zone 1

Effective Date - 06/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$23.49	\$8.60	\$17.09	\$0.00	\$49.18
2	70	\$27.41	\$8.60	\$17.09	\$0.00	\$53.10
3	80	\$31.32	\$8.60	\$17.09	\$0.00	\$57.01
4	90	\$35.24	\$8.60	\$17.09	\$0.00	\$60.93

Effective Date - 12/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$24.08	\$8.60	\$17.09	\$0.00	\$49.77
2	70	\$28.09	\$8.60	\$17.09	\$0.00	\$53.78
3	80	\$32.10	\$8.60	\$17.09	\$0.00	\$57.79
4	90	\$36.12	\$8.60	\$17.09	\$0.00	\$61.81

Notes:

Apprentice to Journeyworker Ratio:1:5

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: CARPENTER TENDER <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.15	\$8.60	\$17.09	\$0.00	\$64.84
	12/01/2020	\$40.13	\$8.60	\$17.09	\$0.00	\$65.82
	06/01/2021	\$41.15	\$8.60	\$17.09	\$0.00	\$66.84
	12/01/2021	\$42.16	\$8.60	\$17.09	\$0.00	\$67.85
For apprentice rates see "Apprentice- LABORER"						
LABORER: CEMENT FINISHER TENDER <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.15	\$8.60	\$17.09	\$0.00	\$64.84
	12/01/2020	\$40.13	\$8.60	\$17.09	\$0.00	\$65.82
	06/01/2021	\$41.15	\$8.60	\$17.09	\$0.00	\$66.84
	12/01/2021	\$42.16	\$8.60	\$17.09	\$0.00	\$67.85
For apprentice rates see "Apprentice- LABORER"						
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.30	\$8.60	\$17.09	\$0.00	\$64.99
For apprentice rates see "Apprentice- LABORER"						
LABORER: MASON TENDER <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10
For apprentice rates see "Apprentice- LABORER"						
LABORER: MULTI-TRADE TENDER <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.15	\$8.60	\$17.09	\$0.00	\$64.84
	12/01/2020	\$40.13	\$8.60	\$17.09	\$0.00	\$65.82
	06/01/2021	\$41.15	\$8.60	\$17.09	\$0.00	\$66.84
	12/01/2021	\$42.16	\$8.60	\$17.09	\$0.00	\$67.85
For apprentice rates see "Apprentice- LABORER"						
LABORER: TREE REMOVER <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.15	\$8.60	\$17.09	\$0.00	\$64.84
	12/01/2020	\$40.13	\$8.60	\$17.09	\$0.00	\$65.82
	06/01/2021	\$41.15	\$8.60	\$17.09	\$0.00	\$66.84
	12/01/2021	\$42.16	\$8.60	\$17.09	\$0.00	\$67.85
This classification applies to the removal of standing trees, and the trimming and removal of branches and limbs when related to public works construction or site clearance incidental to construction . For apprentice rates see "Apprentice- LABORER"						
LASER BEAM OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10
For apprentice rates see "Apprentice- LABORER"						
MARBLE & TILE FINISHERS <i>BRICKLAYERS LOCAL 3 - MARBLE & TILE</i>	02/01/2020	\$41.49	\$10.75	\$20.12	\$0.00	\$72.36
	08/01/2020	\$42.57	\$10.75	\$20.27	\$0.00	\$73.59
	02/01/2021	\$43.08	\$10.75	\$20.27	\$0.00	\$74.10
	08/01/2021	\$44.20	\$10.75	\$20.43	\$0.00	\$75.38
	02/01/2022	\$44.67	\$10.75	\$20.43	\$0.00	\$75.85

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

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

Effective Date - 02/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.75	\$10.75	\$20.12	\$0.00	\$51.62
2	60	\$24.89	\$10.75	\$20.12	\$0.00	\$55.76
3	70	\$29.04	\$10.75	\$20.12	\$0.00	\$59.91
4	80	\$33.19	\$10.75	\$20.12	\$0.00	\$64.06
5	90	\$37.34	\$10.75	\$20.12	\$0.00	\$68.21

Effective Date - 08/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.29	\$10.75	\$20.27	\$0.00	\$52.31
2	60	\$25.54	\$10.75	\$20.27	\$0.00	\$56.56
3	70	\$29.80	\$10.75	\$20.27	\$0.00	\$60.82
4	80	\$34.06	\$10.75	\$20.27	\$0.00	\$65.08
5	90	\$38.31	\$10.75	\$20.27	\$0.00	\$69.33

Notes:

Apprentice to Journeyworker Ratio:1:3

MARBLE MASONS, TILELAYERS & TERRAZZO MECH BRICKLAYERS LOCAL 3 - MARBLE & TILE	02/01/2020	\$54.42	\$10.75	\$21.93	\$0.00	\$87.10
	08/01/2020	\$55.77	\$10.75	\$22.08	\$0.00	\$88.60
	02/01/2021	\$56.41	\$10.75	\$22.08	\$0.00	\$89.24
	08/01/2021	\$57.81	\$10.75	\$22.24	\$0.00	\$90.80
	02/01/2022	\$58.38	\$10.75	\$22.24	\$0.00	\$91.37

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

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

Effective Date - 02/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$27.21	\$10.75	\$21.93	\$0.00	\$59.89
2	60	\$32.65	\$10.75	\$21.93	\$0.00	\$65.33
3	70	\$38.09	\$10.75	\$21.93	\$0.00	\$70.77
4	80	\$43.54	\$10.75	\$21.93	\$0.00	\$76.22
5	90	\$48.98	\$10.75	\$21.93	\$0.00	\$81.66

Effective Date - 08/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$27.89	\$10.75	\$22.08	\$0.00	\$60.72
2	60	\$33.46	\$10.75	\$22.08	\$0.00	\$66.29
3	70	\$39.04	\$10.75	\$22.08	\$0.00	\$71.87
4	80	\$44.62	\$10.75	\$22.08	\$0.00	\$77.45
5	90	\$50.19	\$10.75	\$22.08	\$0.00	\$83.02

Notes:

Apprentice to Journeyworker Ratio:1:5

MECH. SWEEPER OPERATOR (ON CONST. SITES) OPERATING ENGINEERS LOCAL 4	06/01/2020	\$48.81	\$13.00	\$15.70	\$0.00	\$77.51
	12/01/2020	\$49.95	\$13.00	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.04	\$13.00	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.18	\$13.00	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MECHANICS MAINTENANCE OPERATING ENGINEERS LOCAL 4	06/01/2020	\$48.81	\$13.00	\$15.70	\$0.00	\$77.51
	12/01/2020	\$49.95	\$13.00	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.04	\$13.00	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.18	\$13.00	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MILLWRIGHT (Zone 2) MILLWRIGHTS LOCAL 1121 - Zone 2	04/01/2019	\$38.87	\$9.90	\$18.50	\$0.00	\$67.27
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Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - MILLWRIGHT - Local 1121 Zone 2

Effective Date - 04/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$21.38	\$9.90	\$5.31	\$0.00	\$36.59
2	65	\$25.27	\$9.90	\$15.13	\$0.00	\$50.30
3	75	\$29.15	\$9.90	\$16.10	\$0.00	\$55.15
4	85	\$33.04	\$9.90	\$17.06	\$0.00	\$60.00

Notes:

Steps are 2,000 hours

Apprentice to Journeyworker Ratio:1:5

MORTAR MIXER <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10
For apprentice rates see "Apprentice- LABORER"						
OILER (OTHER THAN TRUCK CRANES,GRADALLS) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$23.13	\$13.00	\$15.70	\$0.00	\$51.83
	12/01/2020	\$23.70	\$13.00	\$15.70	\$0.00	\$52.40
	06/01/2021	\$24.25	\$13.00	\$15.70	\$0.00	\$52.95
	12/01/2021	\$24.83	\$13.00	\$15.70	\$0.00	\$53.53
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
OILER (TRUCK CRANES, GRADALLS) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$27.79	\$13.00	\$15.70	\$0.00	\$56.49
	12/01/2020	\$28.47	\$13.00	\$15.70	\$0.00	\$57.17
	06/01/2021	\$29.11	\$13.00	\$15.70	\$0.00	\$57.81
	12/01/2021	\$29.79	\$13.00	\$15.70	\$0.00	\$58.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
OTHER POWER DRIVEN EQUIPMENT - CLASS II <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$48.81	\$13.00	\$15.70	\$0.00	\$77.51
	12/01/2020	\$49.95	\$13.00	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.04	\$13.00	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.18	\$13.00	\$15.70	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PAINTER (BRIDGES/TANKS) <i>PAINTERS LOCAL 35 - ZONE 1</i>	01/01/2020	\$50.96	\$8.20	\$22.10	\$0.00	\$81.26
	07/01/2020	\$51.51	\$8.25	\$22.40	\$0.00	\$82.16
	01/01/2021	\$52.06	\$8.25	\$22.75	\$0.00	\$83.06

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.48	\$8.20	\$0.00	\$0.00	\$33.68
2	55	\$28.03	\$8.20	\$5.94	\$0.00	\$42.17
3	60	\$30.58	\$8.20	\$6.48	\$0.00	\$45.26
4	65	\$33.12	\$8.20	\$7.02	\$0.00	\$48.34
5	70	\$35.67	\$8.20	\$18.86	\$0.00	\$62.73
6	75	\$38.22	\$8.20	\$19.40	\$0.00	\$65.82
7	80	\$40.77	\$8.20	\$19.94	\$0.00	\$68.91
8	90	\$45.86	\$8.20	\$21.02	\$0.00	\$75.08

Effective Date - 07/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.76	\$8.25	\$0.00	\$0.00	\$34.01
2	55	\$28.33	\$8.25	\$6.05	\$0.00	\$42.63
3	60	\$30.91	\$8.25	\$6.60	\$0.00	\$45.76
4	65	\$33.48	\$8.25	\$7.15	\$0.00	\$48.88
5	70	\$36.06	\$8.25	\$19.10	\$0.00	\$63.41
6	75	\$38.63	\$8.25	\$19.65	\$0.00	\$66.53
7	80	\$41.21	\$8.25	\$20.20	\$0.00	\$69.66
8	90	\$46.36	\$8.25	\$21.30	\$0.00	\$75.91

Notes:
Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	01/01/2020	\$47.65	\$8.20	\$22.10	\$0.00	\$77.95
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 1	07/01/2020	\$48.28	\$8.25	\$22.40	\$0.00	\$78.93
	01/01/2021	\$49.75	\$8.25	\$22.75	\$0.00	\$80.75

Apprentice - PAINTER Local 35 Zone 1 - Spray/Sandblast - New

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.83	\$8.20	\$0.00	\$0.00	\$32.03
2	55	\$26.21	\$8.20	\$5.94	\$0.00	\$40.35
3	60	\$28.59	\$8.20	\$6.48	\$0.00	\$43.27
4	65	\$30.97	\$8.20	\$7.02	\$0.00	\$46.19
5	70	\$33.36	\$8.20	\$18.86	\$0.00	\$60.42
6	75	\$35.74	\$8.20	\$19.40	\$0.00	\$63.34
7	80	\$38.12	\$8.20	\$19.94	\$0.00	\$66.26
8	90	\$42.89	\$8.20	\$21.02	\$0.00	\$72.11

Effective Date - 07/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.14	\$8.25	\$0.00	\$0.00	\$32.39
2	55	\$26.55	\$8.25	\$6.05	\$0.00	\$40.85
3	60	\$28.97	\$8.25	\$6.60	\$0.00	\$43.82
4	65	\$31.38	\$8.25	\$7.15	\$0.00	\$46.78
5	70	\$33.80	\$8.25	\$19.10	\$0.00	\$61.15
6	75	\$36.21	\$8.25	\$19.65	\$0.00	\$64.11
7	80	\$38.62	\$8.25	\$20.20	\$0.00	\$67.07
8	90	\$43.45	\$8.25	\$21.30	\$0.00	\$73.00

Notes:
Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, REPAINT)	01/01/2020	\$45.71	\$8.20	\$22.10	\$0.00	\$76.01
PAINTERS LOCAL 35 - ZONE 1	07/01/2020	\$46.26	\$8.25	\$22.40	\$0.00	\$76.91
	01/01/2021	\$46.81	\$8.25	\$22.75	\$0.00	\$77.81

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PAINTER Local 35 Zone 1 - Spray/Sandblast - Repaint

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.86	\$8.20	\$0.00	\$0.00	\$31.06
2	55	\$25.14	\$8.20	\$5.94	\$0.00	\$39.28
3	60	\$27.43	\$8.20	\$6.48	\$0.00	\$42.11
4	65	\$29.71	\$8.20	\$7.02	\$0.00	\$44.93
5	70	\$32.00	\$8.20	\$18.86	\$0.00	\$59.06
6	75	\$34.28	\$8.20	\$19.40	\$0.00	\$61.88
7	80	\$36.57	\$8.20	\$19.94	\$0.00	\$64.71
8	90	\$41.14	\$8.20	\$21.02	\$0.00	\$70.36

Effective Date - 07/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.13	\$8.25	\$0.00	\$0.00	\$31.38
2	55	\$25.44	\$8.25	\$6.05	\$0.00	\$39.74
3	60	\$27.76	\$8.25	\$6.60	\$0.00	\$42.61
4	65	\$30.07	\$8.25	\$7.15	\$0.00	\$45.47
5	70	\$32.38	\$8.25	\$19.10	\$0.00	\$59.73
6	75	\$34.70	\$8.25	\$19.65	\$0.00	\$62.60
7	80	\$37.01	\$8.25	\$20.20	\$0.00	\$65.46
8	90	\$41.63	\$8.25	\$21.30	\$0.00	\$71.18

Notes:
Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (TRAFFIC MARKINGS) LABORERS - ZONE 1	06/01/2020	\$39.15	\$8.60	\$17.09	\$0.00	\$64.84
	12/01/2020	\$40.13	\$8.60	\$17.09	\$0.00	\$65.82
	06/01/2021	\$41.15	\$8.60	\$17.09	\$0.00	\$66.84
	12/01/2021	\$42.16	\$8.60	\$17.09	\$0.00	\$67.85

For Apprentice rates see "Apprentice- LABORER"

PAINTER / TAPER (BRUSH, NEW) *	01/01/2020	\$46.25	\$8.20	\$22.10	\$0.00	\$76.55
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 1	07/01/2020	\$46.80	\$8.25	\$22.40	\$0.00	\$77.45
	01/01/2021	\$47.35	\$8.25	\$22.75	\$0.00	\$78.35

Apprentice - PAINTER - Local 35 Zone 1 - BRUSH NEW

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.13	\$8.20	\$0.00	\$0.00	\$31.33
2	55	\$25.44	\$8.20	\$5.94	\$0.00	\$39.58
3	60	\$27.75	\$8.20	\$6.48	\$0.00	\$42.43
4	65	\$30.06	\$8.20	\$7.02	\$0.00	\$45.28
5	70	\$32.38	\$8.20	\$18.86	\$0.00	\$59.44
6	75	\$34.69	\$8.20	\$19.40	\$0.00	\$62.29
7	80	\$37.00	\$8.20	\$19.94	\$0.00	\$65.14
8	90	\$41.63	\$8.20	\$21.02	\$0.00	\$70.85

Effective Date - 07/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.40	\$8.25	\$0.00	\$0.00	\$31.65
2	55	\$25.74	\$8.25	\$6.05	\$0.00	\$40.04
3	60	\$28.08	\$8.25	\$6.60	\$0.00	\$42.93
4	65	\$30.42	\$8.25	\$7.15	\$0.00	\$45.82
5	70	\$32.76	\$8.25	\$19.10	\$0.00	\$60.11
6	75	\$35.10	\$8.25	\$19.65	\$0.00	\$63.00
7	80	\$37.44	\$8.25	\$20.20	\$0.00	\$65.89
8	90	\$42.12	\$8.25	\$21.30	\$0.00	\$71.67

Notes:
Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER / TAPER (BRUSH, REPAINT)	01/01/2020	\$44.31	\$8.20	\$22.10	\$0.00	\$74.61
PAINTERS LOCAL 35 - ZONE 1	07/01/2020	\$44.86	\$8.25	\$22.40	\$0.00	\$75.51
	01/01/2021	\$45.41	\$8.25	\$22.75	\$0.00	\$76.41

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PAINTER Local 35 Zone 1 - BRUSH REPAINT

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.16	\$8.20	\$0.00	\$0.00	\$30.36
2	55	\$24.37	\$8.20	\$5.94	\$0.00	\$38.51
3	60	\$26.59	\$8.20	\$6.48	\$0.00	\$41.27
4	65	\$28.80	\$8.20	\$7.02	\$0.00	\$44.02
5	70	\$31.02	\$8.20	\$18.86	\$0.00	\$58.08
6	75	\$33.23	\$8.20	\$19.40	\$0.00	\$60.83
7	80	\$35.45	\$8.20	\$19.94	\$0.00	\$63.59
8	90	\$39.88	\$8.20	\$21.02	\$0.00	\$69.10

Effective Date - 07/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.43	\$8.25	\$0.00	\$0.00	\$30.68
2	55	\$24.67	\$8.25	\$6.05	\$0.00	\$38.97
3	60	\$26.92	\$8.25	\$6.60	\$0.00	\$41.77
4	65	\$29.16	\$8.25	\$7.15	\$0.00	\$44.56
5	70	\$31.40	\$8.25	\$19.10	\$0.00	\$58.75
6	75	\$33.65	\$8.25	\$19.65	\$0.00	\$61.55
7	80	\$35.89	\$8.25	\$20.20	\$0.00	\$64.34
8	90	\$40.37	\$8.25	\$21.30	\$0.00	\$69.92

Notes:
Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PANEL & PICKUP TRUCKS DRIVER <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2020	\$34.98	\$12.41	\$13.72	\$0.00	\$61.11
	08/01/2020	\$34.98	\$12.91	\$13.72	\$0.00	\$61.61
	12/01/2020	\$34.98	\$12.91	\$14.82	\$0.00	\$62.71
	06/01/2021	\$35.78	\$12.91	\$14.82	\$0.00	\$63.51
	08/01/2021	\$35.78	\$13.41	\$14.82	\$0.00	\$64.01
	12/01/2021	\$35.78	\$13.41	\$16.01	\$0.00	\$65.20
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i> For apprentice rates see "Apprentice- PILE DRIVER"	08/01/2019	\$48.94	\$9.90	\$21.15	\$0.00	\$79.99
PILE DRIVER <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2019	\$48.94	\$9.90	\$21.15	\$0.00	\$79.99

Apprentice - PILE DRIVER - Local 56 Zone 1

Effective Date - 08/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.47	\$9.90	\$21.15	\$0.00	\$55.52
2	60	\$29.36	\$9.90	\$21.15	\$0.00	\$60.41
3	70	\$34.26	\$9.90	\$21.15	\$0.00	\$65.31
4	75	\$36.71	\$9.90	\$21.15	\$0.00	\$67.76
5	80	\$39.15	\$9.90	\$21.15	\$0.00	\$70.20
6	80	\$39.15	\$9.90	\$21.15	\$0.00	\$70.20
7	90	\$44.05	\$9.90	\$21.15	\$0.00	\$75.10
8	90	\$44.05	\$9.90	\$21.15	\$0.00	\$75.10

Notes:

Apprentice to Journeyworker Ratio:1:5

PIPEFITTER & STEAMFITTER	03/01/2020	\$56.19	\$10.95	\$19.74	\$0.00	\$86.88
PIPEFITTERS LOCAL 537	09/01/2020	\$57.69	\$10.95	\$19.74	\$0.00	\$88.38
	03/01/2021	\$59.19	\$10.95	\$19.74	\$0.00	\$89.88

Apprentice - PIPEFITTER - Local 537

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$22.48	\$10.95	\$8.00	\$0.00	\$41.43
2	45	\$25.29	\$10.95	\$19.74	\$0.00	\$55.98
3	60	\$33.71	\$10.95	\$19.74	\$0.00	\$64.40
4	70	\$39.33	\$10.95	\$19.74	\$0.00	\$70.02
5	80	\$44.95	\$10.95	\$19.74	\$0.00	\$75.64

Effective Date - 09/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$23.08	\$10.95	\$8.00	\$0.00	\$42.03
2	45	\$25.96	\$10.95	\$19.74	\$0.00	\$56.65
3	60	\$34.61	\$10.95	\$19.74	\$0.00	\$65.30
4	70	\$40.38	\$10.95	\$19.74	\$0.00	\$71.07
5	80	\$46.15	\$10.95	\$19.74	\$0.00	\$76.84

Notes:
 ** 1:3; 3:15; 1:10 thereafter / Steps are 1 yr.
 Refrig/AC Mechanic **1:1;1:2;2:4;3:6;4:8;5:10;6:12;7:14;8:17;9:20;10:23(Max)

Apprentice to Journeyworker Ratio:**

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PIPELAYER <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10

For apprentice rates see "Apprentice- LABORER"

PLUMBERS & GASFITTERS <i>PLUMBERS & GASFITTERS LOCAL 12</i>	03/01/2020	\$58.69	\$12.07	\$17.26	\$0.00	\$88.02
	09/01/2020	\$60.19	\$12.07	\$17.26	\$0.00	\$89.52
	03/01/2021	\$61.69	\$12.07	\$17.26	\$0.00	\$91.02

Apprentice - PLUMBER/GASFITTER - Local 12

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$20.54	\$12.07	\$6.24	\$0.00	\$38.85
2	40	\$23.48	\$12.07	\$7.08	\$0.00	\$42.63
3	55	\$32.28	\$12.07	\$9.63	\$0.00	\$53.98
4	65	\$38.15	\$12.07	\$11.33	\$0.00	\$61.55
5	75	\$44.02	\$12.07	\$13.03	\$0.00	\$69.12

Effective Date - 09/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$21.07	\$12.07	\$6.24	\$0.00	\$39.38
2	40	\$24.08	\$12.07	\$7.08	\$0.00	\$43.23
3	55	\$33.10	\$12.07	\$9.63	\$0.00	\$54.80
4	65	\$39.12	\$12.07	\$11.33	\$0.00	\$62.52
5	75	\$45.14	\$12.07	\$13.03	\$0.00	\$70.24

Notes:

** 1:2; 2:6; 3:10; 4:14; 5:19/Steps are 1 yr
Step4 with lic\$65.32, Step5 with lic\$72.89

Apprentice to Journeyworker Ratio:**

PNEUMATIC CONTROLS (TEMP.) <i>PIPEFITTERS LOCAL 537</i>	03/01/2020	\$56.19	\$10.95	\$19.74	\$0.00	\$86.88
	09/01/2020	\$57.69	\$10.95	\$19.74	\$0.00	\$88.38
	03/01/2021	\$59.17	\$10.95	\$19.74	\$0.00	\$89.86

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

PNEUMATIC DRILL/TOOL OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10

For apprentice rates see "Apprentice- LABORER"

POWDERMAN & BLASTER <i>LABORERS - ZONE 1</i>	06/01/2020	\$40.15	\$8.60	\$17.09	\$0.00	\$65.84
	12/01/2020	\$41.13	\$8.60	\$17.09	\$0.00	\$66.82
	06/01/2021	\$42.15	\$8.60	\$17.09	\$0.00	\$67.84
	12/01/2021	\$43.16	\$8.60	\$17.09	\$0.00	\$68.85

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
POWER SHOVEL/DERRICK/TRENCHING MACHINE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$49.33	\$13.00	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.48	\$13.00	\$15.70	\$0.00	\$79.18
	06/01/2021	\$51.58	\$13.00	\$15.70	\$0.00	\$80.28
	12/01/2021	\$52.73	\$13.00	\$15.70	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (CONCRETE) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$49.33	\$13.00	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.48	\$13.00	\$15.70	\$0.00	\$79.18
	06/01/2021	\$51.58	\$13.00	\$15.70	\$0.00	\$80.28
	12/01/2021	\$52.73	\$13.00	\$15.70	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (DEWATERING, OTHER) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$32.72	\$13.00	\$15.70	\$0.00	\$61.42
	12/01/2020	\$33.50	\$13.00	\$15.70	\$0.00	\$62.20
	06/01/2021	\$34.25	\$13.00	\$15.70	\$0.00	\$62.95
	12/01/2021	\$35.04	\$13.00	\$15.70	\$0.00	\$63.74
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
READY MIX CONCRETE DRIVERS after 4/30/12 (Drivers Hired After 4/30/2012) <i>TEAMSTERS 25 (Metro) - Aggregate</i>	05/01/2020	\$27.90	\$10.41	\$14.12	\$0.00	\$52.43
	08/01/2020	\$27.90	\$10.91	\$14.12	\$0.00	\$52.93
	05/01/2021	\$29.15	\$10.91	\$15.25	\$0.00	\$55.31
	08/01/2021	\$29.15	\$11.41	\$15.25	\$0.00	\$55.81
	05/01/2022	\$30.40	\$11.41	\$15.25	\$0.00	\$57.06
	08/01/2022	\$30.40	\$11.91	\$15.25	\$0.00	\$57.56
READY-MIX CONCRETE DRIVER <i>TEAMSTERS 25 (Metro) - Aggregate</i>	05/01/2020	\$32.91	\$10.41	\$14.12	\$0.00	\$57.44
	08/01/2020	\$32.91	\$10.91	\$14.12	\$0.00	\$57.94
	05/01/2021	\$33.66	\$10.91	\$15.25	\$0.00	\$59.82
	08/01/2021	\$33.66	\$11.41	\$15.25	\$0.00	\$60.32
	05/01/2022	\$34.41	\$11.41	\$15.25	\$0.00	\$61.07
	08/01/2022	\$34.41	\$11.91	\$15.25	\$0.00	\$61.57
RECLAIMERS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$48.81	\$13.00	\$15.70	\$0.00	\$77.51
	12/01/2020	\$49.95	\$13.00	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.04	\$13.00	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.18	\$13.00	\$15.70	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
RIDE-ON MOTORIZED BUGGY OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10
For apprentice rates see "Apprentice- LABORER"						
ROLLER/SPREADER/MULCHING MACHINE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$48.81	\$13.00	\$15.70	\$0.00	\$77.51
	12/01/2020	\$49.95	\$13.00	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.04	\$13.00	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.18	\$13.00	\$15.70	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
ROOFER (Inc.Roofers Waterproofing &Roofers Damproofg) <i>ROOFERS LOCAL 33</i>	03/01/2020	\$45.67	\$11.50	\$15.90	\$0.00	\$73.07
	08/01/2020	\$47.10	\$11.50	\$15.90	\$0.00	\$74.50
	02/01/2021	\$48.53	\$11.50	\$15.90	\$0.00	\$75.93
	08/01/2021	\$49.96	\$11.50	\$15.90	\$0.00	\$77.36
	02/01/2022	\$51.39	\$11.50	\$15.90	\$0.00	\$78.79

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - ROOFER - Local 33

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.84	\$11.50	\$3.69	\$0.00	\$38.03
2	60	\$27.40	\$11.50	\$15.90	\$0.00	\$54.80
3	65	\$29.69	\$11.50	\$15.90	\$0.00	\$57.09
4	75	\$34.25	\$11.50	\$15.90	\$0.00	\$61.65
5	85	\$38.82	\$11.50	\$15.90	\$0.00	\$66.22

Effective Date - 08/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.55	\$11.50	\$3.69	\$0.00	\$38.74
2	60	\$28.26	\$11.50	\$15.90	\$0.00	\$55.66
3	65	\$30.62	\$11.50	\$15.90	\$0.00	\$58.02
4	75	\$35.33	\$11.50	\$15.90	\$0.00	\$62.73
5	85	\$40.04	\$11.50	\$15.90	\$0.00	\$67.44

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.
 (Hot Pitch Mechanics' receive \$1.00 hr. above ROOFER)

Apprentice to Journeyworker Ratio:**

ROOFER SLATE / TILE / PRECAST CONCRETE ROOFERS LOCAL 33	03/01/2020	\$45.92	\$11.50	\$15.90	\$0.00	\$73.32
	08/01/2020	\$47.35	\$11.50	\$15.90	\$0.00	\$74.75
	02/01/2021	\$48.78	\$11.50	\$15.90	\$0.00	\$76.18
	08/01/2021	\$50.21	\$11.50	\$15.90	\$0.00	\$77.61
	02/01/2022	\$51.64	\$11.50	\$15.90	\$0.00	\$79.04

For apprentice rates see "Apprentice- ROOFER"

SHEETMETAL WORKER SHEETMETAL WORKERS LOCAL 17 - A	02/01/2020	\$49.36	\$13.35	\$24.12	\$2.61	\$89.44
	08/01/2020	\$50.96	\$13.35	\$24.12	\$2.66	\$91.09
	02/01/2021	\$52.61	\$13.35	\$24.12	\$2.71	\$92.79
	08/01/2021	\$54.36	\$13.35	\$24.12	\$2.76	\$94.59
	02/01/2022	\$56.11	\$13.35	\$24.12	\$2.81	\$96.39

Apprentice - SHEET METAL WORKER - Local 17-A

Effective Date - 02/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	42	\$20.73	\$13.35	\$5.89	\$0.00	\$39.97
2	42	\$20.73	\$13.35	\$5.89	\$0.00	\$39.97
3	47	\$23.20	\$13.35	\$11.13	\$1.43	\$49.11
4	47	\$23.20	\$13.35	\$11.13	\$1.43	\$49.11
5	52	\$25.67	\$13.35	\$12.08	\$1.53	\$52.63
6	52	\$25.67	\$13.35	\$12.33	\$1.54	\$52.89
7	60	\$29.62	\$13.35	\$13.70	\$1.70	\$58.37
8	65	\$32.08	\$13.35	\$15.15	\$1.80	\$62.38
9	75	\$37.02	\$13.35	\$16.56	\$2.01	\$68.94
10	85	\$41.96	\$13.35	\$17.96	\$2.20	\$75.47

Effective Date - 08/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	42	\$21.40	\$13.35	\$5.89	\$0.00	\$40.64
2	42	\$21.40	\$13.35	\$5.89	\$0.00	\$40.64
3	47	\$23.95	\$13.35	\$11.13	\$1.45	\$49.88
4	47	\$23.95	\$13.35	\$11.13	\$1.45	\$49.88
5	52	\$26.50	\$13.35	\$12.08	\$1.56	\$53.49
6	52	\$26.50	\$13.35	\$12.33	\$1.57	\$53.75
7	60	\$30.58	\$13.35	\$13.70	\$1.73	\$59.36
8	65	\$33.12	\$13.35	\$15.15	\$1.85	\$63.47
9	75	\$38.22	\$13.35	\$16.56	\$2.04	\$70.17
10	85	\$43.32	\$13.35	\$17.96	\$2.24	\$76.87

Notes:

Steps are 6 mos.

Apprentice to Journeyworker Ratio:1:4

SPECIALIZED EARTH MOVING EQUIP < 35 TONS TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	06/01/2020	\$35.44	\$12.41	\$13.72	\$0.00	\$61.57
	08/01/2020	\$35.44	\$12.91	\$13.72	\$0.00	\$62.07
	12/01/2020	\$35.44	\$12.91	\$14.82	\$0.00	\$63.17
	06/01/2021	\$36.24	\$12.91	\$14.82	\$0.00	\$63.97
	08/01/2021	\$36.24	\$13.41	\$14.82	\$0.00	\$64.47
	12/01/2021	\$36.24	\$13.41	\$16.01	\$0.00	\$65.66
SPECIALIZED EARTH MOVING EQUIP > 35 TONS TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	06/01/2020	\$35.73	\$12.41	\$13.72	\$0.00	\$61.86
	08/01/2020	\$35.73	\$12.91	\$13.72	\$0.00	\$62.36
	12/01/2020	\$35.73	\$12.91	\$14.82	\$0.00	\$63.46
	06/01/2021	\$36.53	\$12.91	\$14.82	\$0.00	\$64.26
	08/01/2021	\$36.53	\$13.41	\$14.82	\$0.00	\$64.76
	12/01/2021	\$36.53	\$13.41	\$16.01	\$0.00	\$65.95

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
SPRINKLER FITTER <i>SPRINKLER FITTERS LOCAL 550 - (Section A) Zone 1</i>	03/01/2020	\$60.82	\$9.68	\$20.55	\$0.00	\$91.05
	10/01/2020	\$62.32	\$9.68	\$20.55	\$0.00	\$92.55
	03/01/2021	\$63.82	\$9.68	\$20.55	\$0.00	\$94.05

Apprentice - SPRINKLER FITTER - Local 550 (Section A) Zone 1

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$21.29	\$9.68	\$11.61	\$0.00	\$42.58
2	40	\$24.33	\$9.68	\$12.30	\$0.00	\$46.31
3	45	\$27.37	\$9.68	\$12.99	\$0.00	\$50.04
4	50	\$30.41	\$9.68	\$13.73	\$0.00	\$53.82
5	55	\$33.45	\$9.68	\$14.36	\$0.00	\$57.49
6	60	\$36.49	\$9.68	\$15.05	\$0.00	\$61.22
7	65	\$39.53	\$9.68	\$15.74	\$0.00	\$64.95
8	70	\$42.57	\$9.68	\$16.43	\$0.00	\$68.68
9	75	\$45.62	\$9.68	\$17.11	\$0.00	\$72.41
10	80	\$48.66	\$9.68	\$17.80	\$0.00	\$76.14

Effective Date - 10/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$21.81	\$9.68	\$11.61	\$0.00	\$43.10
2	40	\$24.93	\$9.68	\$12.30	\$0.00	\$46.91
3	45	\$28.04	\$9.68	\$12.99	\$0.00	\$50.71
4	50	\$31.16	\$9.68	\$13.73	\$0.00	\$54.57
5	55	\$34.28	\$9.68	\$14.36	\$0.00	\$58.32
6	60	\$37.39	\$9.68	\$15.05	\$0.00	\$62.12
7	65	\$40.51	\$9.68	\$15.74	\$0.00	\$65.93
8	70	\$43.62	\$9.68	\$16.43	\$0.00	\$69.73
9	75	\$46.74	\$9.68	\$17.11	\$0.00	\$73.53
10	80	\$49.86	\$9.68	\$17.80	\$0.00	\$77.34

Notes: Apprentice entered prior 9/30/10:
40/45/50/55/60/65/70/75/80/85
Steps are 850 hours

Apprentice to Journeyworker Ratio:1:3

STEAM BOILER OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$48.81	\$13.00	\$15.70	\$0.00	\$77.51
	12/01/2020	\$49.95	\$13.00	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.04	\$13.00	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.18	\$13.00	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

TAMPERS, SELF-PROPELLED OR TRACTOR DRAWN <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$48.81	\$13.00	\$15.70	\$0.00	\$77.51
	12/01/2020	\$49.95	\$13.00	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.04	\$13.00	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.18	\$13.00	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TELECOMMUNICATION TECHNICIAN <i>ELECTRICIANS LOCAL 103</i>	03/01/2020	\$40.13	\$13.00	\$17.12	\$0.00	\$70.25
	09/01/2020	\$41.20	\$13.00	\$17.16	\$0.00	\$71.36
	03/01/2021	\$42.66	\$13.00	\$17.27	\$0.00	\$72.93
	09/01/2021	\$44.32	\$13.00	\$17.38	\$0.00	\$74.70
	03/01/2022	\$45.83	\$13.00	\$17.49	\$0.00	\$76.32
	09/01/2022	\$47.55	\$13.00	\$17.62	\$0.00	\$78.17
	03/01/2023	\$49.11	\$13.00	\$17.73	\$0.00	\$79.84

Apprentice - TELECOMMUNICATION TECHNICIAN - Local 103

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$18.06	\$13.00	\$0.54	\$0.00	\$31.60
2	45	\$18.06	\$13.00	\$0.54	\$0.00	\$31.60
3	50	\$20.07	\$13.00	\$14.00	\$0.00	\$47.07
4	50	\$20.07	\$13.00	\$14.00	\$0.00	\$47.07
5	55	\$22.07	\$13.00	\$14.31	\$0.00	\$49.38
6	60	\$24.08	\$13.00	\$14.62	\$0.00	\$51.70
7	65	\$26.08	\$13.00	\$14.94	\$0.00	\$54.02
8	70	\$28.09	\$13.00	\$15.25	\$0.00	\$56.34
9	75	\$30.10	\$13.00	\$15.56	\$0.00	\$58.66
10	80	\$32.10	\$13.00	\$15.87	\$0.00	\$60.97

Effective Date - 09/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$18.54	\$13.00	\$0.57	\$0.00	\$32.11
2	45	\$18.54	\$13.00	\$0.57	\$0.00	\$32.11
3	50	\$20.60	\$13.00	\$14.02	\$0.00	\$47.62
4	50	\$20.60	\$13.00	\$14.02	\$0.00	\$47.62
5	55	\$22.66	\$13.00	\$14.33	\$0.00	\$49.99
6	60	\$24.72	\$13.00	\$14.64	\$0.00	\$52.36
7	65	\$26.78	\$13.00	\$14.96	\$0.00	\$54.74
8	70	\$28.84	\$13.00	\$15.28	\$0.00	\$57.12
9	75	\$30.90	\$13.00	\$15.59	\$0.00	\$59.49
10	80	\$32.96	\$13.00	\$15.90	\$0.00	\$61.86

Notes:

Apprentice to Journeyworker Ratio:1:1

TERRAZZO FINISHERS <i>BRICKLAYERS LOCAL 3 - MARBLE & TILE</i>	02/01/2020	\$53.34	\$10.75	\$21.94	\$0.00	\$86.03
	08/01/2020	\$54.69	\$10.75	\$22.09	\$0.00	\$87.53
	02/01/2021	\$55.33	\$10.75	\$22.09	\$0.00	\$88.17
	08/01/2021	\$56.73	\$10.75	\$22.25	\$0.00	\$89.73
	02/01/2022	\$57.32	\$10.75	\$22.25	\$0.00	\$90.32

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - TERRAZZO FINISHER - Local 3 Marble & Tile

Effective Date - 02/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.67	\$10.75	\$21.94	\$0.00	\$59.36
2	60	\$32.00	\$10.75	\$21.94	\$0.00	\$64.69
3	70	\$37.34	\$10.75	\$21.94	\$0.00	\$70.03
4	80	\$42.67	\$10.75	\$21.94	\$0.00	\$75.36
5	90	\$48.01	\$10.75	\$21.94	\$0.00	\$80.70

Effective Date - 08/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$27.35	\$10.75	\$22.09	\$0.00	\$60.19
2	60	\$32.81	\$10.75	\$22.09	\$0.00	\$65.65
3	70	\$38.28	\$10.75	\$22.09	\$0.00	\$71.12
4	80	\$43.75	\$10.75	\$22.09	\$0.00	\$76.59
5	90	\$49.22	\$10.75	\$22.09	\$0.00	\$82.06

Notes:

Apprentice to Journeyworker Ratio:1:3

TEST BORING DRILLER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2020	\$40.55	\$8.60	\$17.24	\$0.00	\$66.39
	12/01/2020	\$41.53	\$8.60	\$17.24	\$0.00	\$67.37
	06/01/2021	\$42.55	\$8.60	\$17.24	\$0.00	\$68.39
	12/01/2021	\$43.56	\$8.60	\$17.24	\$0.00	\$69.40

For apprentice rates see "Apprentice- LABORER"

TEST BORING DRILLER HELPER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2020	\$39.27	\$8.60	\$17.24	\$0.00	\$65.11
	12/01/2020	\$40.25	\$8.60	\$17.24	\$0.00	\$66.09
	06/01/2021	\$41.27	\$8.60	\$17.24	\$0.00	\$67.11
	12/01/2021	\$42.28	\$8.60	\$17.24	\$0.00	\$68.12

For apprentice rates see "Apprentice- LABORER"

TEST BORING LABORER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2020	\$39.15	\$8.60	\$17.24	\$0.00	\$64.99
	12/01/2020	\$40.13	\$8.60	\$17.24	\$0.00	\$65.97
	06/01/2021	\$41.15	\$8.60	\$17.24	\$0.00	\$66.99
	12/01/2021	\$42.16	\$8.60	\$17.24	\$0.00	\$68.00

For apprentice rates see "Apprentice- LABORER"

TRACTORS/PORTABLE STEAM GENERATORS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$48.81	\$13.00	\$15.70	\$0.00	\$77.51
	12/01/2020	\$49.95	\$13.00	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.04	\$13.00	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.18	\$13.00	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TRAILERS FOR EARTH MOVING EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2020	\$36.02	\$12.41	\$13.72	\$0.00	\$62.15
	08/01/2020	\$36.02	\$12.91	\$13.72	\$0.00	\$62.65
	12/01/2020	\$36.02	\$12.91	\$14.82	\$0.00	\$63.75
	06/01/2021	\$36.82	\$12.91	\$14.82	\$0.00	\$64.55
	08/01/2021	\$36.82	\$13.41	\$14.82	\$0.00	\$65.05
	12/01/2021	\$36.82	\$13.41	\$16.01	\$0.00	\$66.24
TUNNEL WORK - COMPRESSED AIR <i>LABORERS (COMPRESSED AIR)</i>	06/01/2020	\$51.38	\$8.60	\$17.69	\$0.00	\$77.67
	12/01/2020	\$52.36	\$8.60	\$17.69	\$0.00	\$78.65
	06/01/2021	\$53.38	\$8.60	\$17.69	\$0.00	\$79.67
	12/01/2021	\$54.39	\$8.60	\$17.69	\$0.00	\$80.68
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) <i>LABORERS (COMPRESSED AIR)</i>	06/01/2020	\$53.38	\$8.60	\$17.69	\$0.00	\$79.67
	12/01/2020	\$54.36	\$8.60	\$17.69	\$0.00	\$80.65
	06/01/2021	\$55.38	\$8.60	\$17.69	\$0.00	\$81.67
	12/01/2021	\$56.39	\$8.60	\$17.69	\$0.00	\$82.68
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR <i>LABORERS (FREE AIR TUNNEL)</i>	06/01/2020	\$43.45	\$8.60	\$17.69	\$0.00	\$69.74
	12/01/2020	\$44.43	\$8.60	\$17.69	\$0.00	\$70.72
	06/01/2021	\$45.45	\$8.60	\$17.69	\$0.00	\$71.74
	12/01/2021	\$46.46	\$8.60	\$17.69	\$0.00	\$72.75
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR (HAZ. WASTE) <i>LABORERS (FREE AIR TUNNEL)</i>	06/01/2020	\$45.45	\$8.60	\$17.69	\$0.00	\$71.74
	12/01/2020	\$46.43	\$8.60	\$17.69	\$0.00	\$72.72
	06/01/2021	\$47.45	\$8.60	\$17.69	\$0.00	\$73.74
	12/01/2021	\$48.46	\$8.60	\$17.69	\$0.00	\$74.75
For apprentice rates see "Apprentice- LABORER"						
VAC-HAUL <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2020	\$35.44	\$12.41	\$13.72	\$0.00	\$61.57
	08/01/2020	\$35.44	\$12.91	\$13.72	\$0.00	\$62.07
	12/01/2020	\$35.44	\$12.91	\$14.82	\$0.00	\$63.17
	06/01/2021	\$36.24	\$12.91	\$14.82	\$0.00	\$63.97
	08/01/2021	\$36.24	\$13.41	\$14.82	\$0.00	\$64.47
	12/01/2021	\$36.24	\$13.41	\$16.01	\$0.00	\$65.66
WAGON DRILL OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2020	\$39.40	\$8.60	\$17.09	\$0.00	\$65.09
	12/01/2020	\$40.38	\$8.60	\$17.09	\$0.00	\$66.07
	06/01/2021	\$41.40	\$8.60	\$17.09	\$0.00	\$67.09
	12/01/2021	\$42.41	\$8.60	\$17.09	\$0.00	\$68.10
For apprentice rates see "Apprentice- LABORER"						
WASTE WATER PUMP OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2020	\$49.33	\$13.00	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.48	\$13.00	\$15.70	\$0.00	\$79.18
	06/01/2021	\$51.58	\$13.00	\$15.70	\$0.00	\$80.28
	12/01/2021	\$52.73	\$13.00	\$15.70	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
WATER METER INSTALLER <i>PLUMBERS & GASFITTERS LOCAL 12</i>	03/01/2020	\$58.69	\$12.07	\$17.26	\$0.00	\$88.02
	09/01/2020	\$60.19	\$12.07	\$17.26	\$0.00	\$89.52
	03/01/2021	\$61.69	\$12.07	\$17.26	\$0.00	\$91.02
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"						

Outside Electrical - East

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CABLE TECHNICIAN (Power Zone) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	09/01/2019	\$28.83	\$8.75	\$1.86	\$0.00	\$39.44
	08/30/2020	\$29.67	\$9.25	\$1.89	\$0.00	\$40.81
For apprentice rates see "Apprentice- LINEMAN"						
CABLEMAN (Underground Ducts & Cables) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	09/01/2019	\$40.84	\$8.75	\$10.02	\$0.00	\$59.61
	08/30/2020	\$42.03	\$9.25	\$10.27	\$0.00	\$61.55
For apprentice rates see "Apprentice- LINEMAN"						
DRIVER / GROUNDMAN CDL <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	09/01/2019	\$33.64	\$8.75	\$9.86	\$0.00	\$52.25
	08/30/2020	\$34.62	\$9.25	\$10.07	\$0.00	\$53.94
For apprentice rates see "Apprentice- LINEMAN"						
DRIVER / GROUNDMAN -Inexperienced (<2000 Hrs) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	09/01/2019	\$26.43	\$8.75	\$1.79	\$0.00	\$36.97
	08/30/2020	\$27.20	\$9.25	\$1.82	\$0.00	\$38.27
For apprentice rates see "Apprentice- LINEMAN"						
EQUIPMENT OPERATOR (Class A CDL) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	09/01/2019	\$40.84	\$8.75	\$14.10	\$0.00	\$63.69
	08/30/2020	\$42.03	\$9.25	\$14.35	\$0.00	\$65.63
For apprentice rates see "Apprentice- LINEMAN"						
EQUIPMENT OPERATOR (Class B CDL) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	09/01/2019	\$36.04	\$8.75	\$10.65	\$0.00	\$55.44
	08/30/2020	\$37.09	\$9.25	\$10.87	\$0.00	\$57.21
For apprentice rates see "Apprentice- LINEMAN"						
GROUNDMAN <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	09/01/2019	\$21.62	\$8.75	\$1.65	\$0.00	\$32.02
	08/30/2020	\$22.25	\$9.25	\$1.67	\$0.00	\$33.17
For apprentice rates see "Apprentice- LINEMAN"						
GROUNDMAN -Inexperienced (<2000 Hrs.) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	09/01/2019	\$26.43	\$8.75	\$1.79	\$0.00	\$36.97
	08/30/2020	\$27.20	\$9.25	\$1.82	\$0.00	\$38.27
For apprentice rates see "Apprentice- LINEMAN"						
JOURNEYMAN LINEMAN <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	09/01/2019	\$48.05	\$8.75	\$17.19	\$0.00	\$73.99
	08/30/2020	\$49.45	\$9.25	\$17.48	\$0.00	\$76.18

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - LINEMAN (Outside Electrical) - East Local 104

Effective Date - 09/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$28.83	\$8.75	\$3.36	\$0.00	\$40.94
2	65	\$31.23	\$8.75	\$3.44	\$0.00	\$43.42
3	70	\$33.64	\$8.75	\$3.51	\$0.00	\$45.90
4	75	\$36.04	\$8.75	\$5.08	\$0.00	\$49.87
5	80	\$38.44	\$8.75	\$5.15	\$0.00	\$52.34
6	85	\$40.84	\$8.75	\$5.23	\$0.00	\$54.82
7	90	\$43.25	\$8.75	\$7.30	\$0.00	\$59.30

Effective Date - 08/30/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$29.67	\$9.25	\$3.39	\$0.00	\$42.31
2	65	\$32.14	\$9.25	\$3.46	\$0.00	\$44.85
3	70	\$34.62	\$9.25	\$3.54	\$0.00	\$47.41
4	75	\$37.09	\$9.25	\$5.11	\$0.00	\$51.45
5	80	\$39.56	\$9.25	\$5.19	\$0.00	\$54.00
6	85	\$42.03	\$9.25	\$5.26	\$0.00	\$56.54
7	90	\$44.51	\$9.25	\$7.34	\$0.00	\$61.10

Notes:

Apprentice to Journeyworker Ratio:1:2

TELEDATA CABLE SPLICER <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	02/04/2019	\$30.73	\$4.70	\$3.17	\$0.00	\$38.60
TELEDATA LINEMAN/EQUIPMENT OPERATOR <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	02/04/2019	\$28.93	\$4.70	\$3.14	\$0.00	\$36.77
TELEDATA WIREMAN/INSTALLER/TECHNICIAN <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	02/04/2019	\$28.93	\$4.70	\$3.14	\$0.00	\$36.77

Additional Apprentice 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. Apprentice 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.)

Ratios are expressed in allowable number of apprentices to journeymen or fraction thereof, unless otherwise specified.

** 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.

SCOPE OF WORK

PW/21-01

Repair of Cement Concrete Sidewalks

The work involved in Contract No. PW/21-01, Repair of Cement Concrete Sidewalks includes but is not necessarily limited to the tasks listed below. The work shall consist of furnishing all labor, equipment, and materials necessary to do the following from July 16, 2020 to through June 30, 2021. The Town of Brookline shall have the option to renew the Contract at the end of the fiscal year 2021 (June 30, 2021) for two (2) additional one (1) year terms at the same price, pending appropriate funding as voted by Town Meeting and approved by the commissioner of Public Works.

The purpose of this Contract is to:

- Remove existing bituminous concrete and cement concrete sidewalks, driveways and wheelchair ramps.
- Place Dense Graded Crushed Stone under all new and reset curbing and new concrete sidewalks, driveways and wheelchair ramps, as directed by Engineer.
- Form, grade and place Class D (4000psi) cement concrete sidewalks, driveways and wheelchair ramps.
- Furnish and install CAST IRON detectable warning panels at all wheelchair ramps.
- Furnish and install bituminous concrete at locations unsuitable for cement concrete and patch disturbed bituminous areas in roadways, driveways in front of curb, etc.
- Perform other tasks including but not limited to: furnish and install new granite curb and curb corners, remove and reset existing curb and curb corners, restore disturbed areas, and adjust structures.

The work will be performed at various locations throughout the entire Town, though the focus will be on the more dense and urban areas. The intent of this contract is work through neighborhoods replacing all the failing sections of sidewalk including whole streets, short sections and at times, single panels.

In General:

Sidewalk Work. Sidewalk work, including concrete drives, will consist primarily of removing and replacing sidewalk sections of at least one street block in length. However, up to 30% of the total area of concrete sidewalk and drives will consist of sections of more than 25 feet, but less than 100 feet in length. 10% of the work will be lengths between 4 and 25 feet.

Wheelchair Ramps. 80% of the area of wheelchair ramps will be associated with adjacent sidewalk replacement work. The other 20% will be replacing or installing isolated wheelchair ramps.

Curb Work. 75% of total length of curb will be associated with adjacent sidewalk replacement work. The other 25% of curb work will be isolated sections of curb of varying lengths, generally along the frontage of a single family residence.

During sidewalk closure, two "Sidewalk Closed-Use Other Side" signs, see MUTCD sign R9-10, Minimum size, 12" by 24", must be posted on either side of the site at the nearest intersecting street corners.

The Contractor is responsible to coordinate the resetting of all non-Town-owned utility structures with the various utility companies.

Before any contract is awarded, the bidder is required to furnish, without expense to the Department, a complete statement of the origin, composition, and manufacture of any and all materials proposed to be used in the construction of the work, together with all samples, which samples may be the tests required by the Department to determine their quality and fitness for the work.

The Contractor is responsible for posting Town-provided No Parking signs at project locations a minimum of 24 hours in advance. The Contractor is responsible to notify residents of driveway closures a minimum of 48 hours in advance.

General Bidders must demonstrate expertise in similar construction and a record of successfully completing projects on time, within budget and to the fine tolerances required for sidewalk construction. Bidders must have completed 3 municipal projects, of similar nature, in the last five (5) years. References shall be provided with bids so that the bidder's experience record can be verified.

All quantities are approximate and are to be used only for comparison of Bids.

ALL EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE AT THE END OF EVERY WORKING DAY.

The Commissioner of Public Works reserves the right to increase or decrease the quantity, as needed, to meet budget constraints. The Town will award the Contract to the lowest, responsible, qualified bidder, as determined by the Commissioner of Public Works.

SECTION 220

ADJUSTMENT, REBUILDING AND REMODELING OF DRAINAGE STRUCTURES

DESCRIPTION

220.20 GENERAL

This work shall consist of removing, replacing and adjusting the masonry and castings of present structures, as required, to conform to newly proposed line and grade changes; to change type of structure, or changes in type of castings; to remodel or adjust Bradley Head basins, all in accordance with this specification and in close conformity with the line and grades shown on the plan or established by the Engineer.

CONSTRUCTION METHODS

220.60 GENERAL

Prior to "Cold-Planing" the castings may be removed, a steel plate shall be placed on the existing masonry structure and bituminous concrete binder (pneumatically compacted) shall be placed to the existing pavement grade. If the castings are not removed and plated, then they shall be ramped with Hot Mix Asphalt immediately after the "Cold-Planing" process.

Prior to "Pulverization/Asphalt Reclamation" the castings shall be removed and the masonry structures shall be removed to a depth of Fifteen (15) inches or more below the existing pavement. A steel plate shall be placed on the existing masonry structure. Gravel and three (3) inches of bituminous concrete binder (pneumatically compacted) shall be placed to the existing pavement grade.

After Cold-Planning and/or after placing the binder course during the Reclamation process, the steel plate shall be removed, the masonry replaced and the casting set to conform to the newly proposed line and grade.

Hot Mix Asphalt (binder), pneumatically compacted, shall be placed around all castings adjusted as shown on the plan or as directed by the Engineer.

The Contractor will be held responsible for keeping all catch basins, manholes, and sewer and drain pipes within the work site free from all construction debris. Prior to placing the Bituminous Concrete Wearing Surface, the portion of completed work shall be thoroughly cleaned and the open ends of any pipe or structure securely blocked or stoppered in such a manner as to prevent the entrance into the pipe or structure of any dirt, rubbish or other foreign matter. No structure shall be accepted until it has been thoroughly inspected by the Engineer and found to comply with the above-specified requirements. Should the Town's Public Works Department have to remove any construction debris from catch basins, manholes, or sewer and drain pipes, the Contractor will be charged for these Town services.

220.61 Protection of work

The present castings shall be carefully removed. They shall be satisfactorily stored until they are required for use or until they are transported and stacked by the Contractor at the Water and Sewer Division Storage Yard, 815 Newton St.,(Transfer Station). If new castings are needed, they may be picked up at the same yard.

COMPENSATION

220.81 Basis of Payment

The cost of removing, transporting, stacking and picking up and loading new castings by the Contractor shall be included in the contract unit price under the respective payment item for catch basins, and manholes adjusted and change in type, excluding cost of castings, and Bradley Head basins remodeled. Castings are located at the Water and Sewer Division Storage Yard, 815 Newton St. (Transfer Station).

The cost of plating and back filling with gravel and bituminous concrete binder shall be included in the contract unit price under the respective payment item.

Bradley Head basins remodeled will be paid for at the contract unit price each for Bradley Head Remodeled. The price will constitute full compensation for the excavation of all materials encountered (except rock;) removal and disposal of the granite top and cover casting at a Contractor furnished disposal area; the removal of existing masonry as directed by the Engineer; the construction of new masonry; setting Town furnished castings including all labor and equipment required to transport the castings from the Water and Sewer Division Storage Yard, to the site of the improvement

Bradley Head basins adjusted will be paid for at the contract unit price each for Bradley Head adjusted, including removing the granite top, removing and replacing up to two (2) vertical feet of masonry, and resetting the granite top to the lines and grades specified. Also included in this unit price is all bituminous concrete collars; all backfilling and compaction; all tools, labor, materials, steel rails if required, equipment and incidental work necessary to complete the work as specified.

220.82 Payment Items

220.1	Drainage Structure Adjusted, E.C.C.	Each
220.11	Manhole Structures Removed, Plated & Reset	Each
220.21	Drainage Structure Rebuilt, E.C.C.	Vertical Foot
220.31	Drainage Structure Change in Type, E.C.C.	Each
220.52	Drainage Structure Remodeled, E.C.C.	Each
220.53	Bradley Head Remodeled, E.C.C.	Each.
220.54	Bradley Head Adjusted, E.C.C.	Each.
220.71	Sanitary Structures Adjusted, E.C.C.	Each

ITEM 472. BITUMINOUS CONCRETE FOR MISC. WORK

Add the following:

Work under these items shall consist of furnishing bituminous concrete composed of a mineral aggregate, asphalt cement, mixed in a central mixing plant and placed on a prepared course in accordance with these specifications and conformance to the lines, grades, thickness and typical cross sections shown on the plans or as directed by the Engineer.

All asphalt work on the project will be paid for under this item. Typical areas include, but are not limited to the following:

- a) Roadway patching in front of new and reset curbing and edging.
- b) Patching at driveways and walkways
- c) Replacement of heaved concrete panels at tree pits with asphalt
- d) Short sections of sidewalk, which are unsuitable for concrete due to tree roots.
- e) All other incidental patching areas

Each course shall be constructed to the depth, typical section, or elevation required by the plans and shall be rolled, finished, and approved before the placement of the next course.

The repair shall be made by providing a one and one half to three inch (1-1/2"-3") inch bituminous concrete wearing surface as directed by the Engineer.

The depth of the edgestone trench repair shall be a minimum of two (2") inches placed on top of the concrete placed in front of the curbing.

The price bid shall include full compensation for all excavation and cutting of bituminous or cement concrete pavement, compaction, bitumen, and for furnishing all materials, labor, tools, equipment, and incidentals needed to complete this work

SECTION 473

BITUMINOUS CONCRETE FOR PERMANENT PATCHING OF ROADWAYS & SIDEWALKS

Description

General

The present surface shall be excavated to a line and grade as directed. The edges of all excavated areas shall be cut on straight lines with vertical faces to a sufficient depth to allow a minimum depth of three (3) inches of bituminous concrete binder and one and one-half inches of bituminous concrete top for roadways and two (2) inches of binder and one (1) inch of top for sidewalks. **The depth of mix shall be equal to the adjoining pavement.**

Materials

General

Materials for bituminous concrete for permanent patching of roadways and sidewalks shall meet the requirements specified in Subsection 460.40.

Construction of Methods

Preparation of Area to be Patched

The area to be patched shall be a minimum one (1) foot cut back beyond the outer extremities, cut on a straight line with vertical faces and to a depth as directed by the Engineer. The cutting shall be by means of a pneumatic cutting tool. The depth of material excavated shall be determined by the Engineer. The excavated material will be disposed of by the Contractor at an off-site disposal area supplied by the Contractor. All sub-grade areas shall be thoroughly compacted, by rolling or other Engineer approved methods before any new pavement courses are applied.

The exposed vertical edges of the cut shall be painted with a thin coat of bitumen (Department specification RC-70 or RS-1), during each pavement course (Binder and Top).

Transportation and Delivery of Mixtures

Transportation and Delivery of Mixtures for permanent patching of roadways shall meet the requirements specified in Subsection 460.61.

Placing and Compacting Mixtures

The mixtures shall be placed and compacted only at such times as to permit the proper inspection and checking by the Engineer.

The mixtures shall be placed only upon approved clean and dry surfaces; and when weather conditions are suitable. The engineer may however, at the entire responsibility of the Contractor, permit work to continue when over-taken by sudden rain, up to and only the amount of material which may be in transit from the plant at the time and then only when the temperature of the mixture is within the temperature limits specified and the existing surface on the roadway is not excessively wet.

The bituminous concrete shall be placed in courses as specified and as directed by the Engineer.

When an existing surface or new base upon which the bottom course is to be placed contains unsatisfactory irregularities, in the Engineer's judgment, such irregularities shall be eliminated by an adequate placing and compaction of mixture so as to furnish a surface with true contour and grade before placing any actual set course of mixture.

Any surface upon which new mixture is placed shall be clean from foreign materials of any nature, dry, at the required temperature and prime coated as may be necessary.

After the paving mixture has been spread initial compaction shall be obtained by the use of power rollers weighing not less than 3 to 5 tons for roadways and not less than 1 to 3 tons for sidewalks.

Each roller shall be operated by a competent, experienced roller operator. The mixture shall be rolled longitudinally, diagonally and transversely as may be necessary to produce the required contour for surface. Longitudinal rolling shall start at the side and proceed toward the center of the pavement, except on super elevated curves where the rolling shall begin on the low side and progress to the high side, overlapping on successive trips by at least 12 inches. The rolling shall be continued and so executed that all roller marks, ridges, porous spots and impressions are eliminated and the resulting surface has the required grade and contour. The motion of the rollers shall at all times be slow enough to avoid any displacement of the hot mixtures; and any displacement or marring of the surface occurring as a result of reversing the direction of the rollers, or from any other cause, shall be corrected. To prevent adhesion with the mixture, the wheels of the rollers shall be kept lightly moistened with water but excess water will not be permitted. The use of oil for this purpose will not be allowed.

Along curbs, structures and all places not accessible with a roller, the mixture shall be thoroughly compacted with tampers. Such tampers shall weigh not less than 25 pounds and shall have a tamping face of not more than 50 square inches. The surface of the mixture after compaction shall be smooth and true to the established line and grade.

Any mixture that becomes loose or broken, mixed with dirt, or in any way defective shall be removed and replaced with new mixture that shall be compacted to conform to the surrounding area. Areas of one square foot or more showing an excess of bitumen shall be removed and replaced.

All joints shall be painted with emulsion and the entire surface sanded immediately after compacting has been completed.

If, at any time before the final acceptance of the work, any soft, imperfect places or spots shall develop in the surface all such places shall be removed and replaced with new materials and then compacted until the edges at which the new work connects with the old become invisible.

All such removal and replacement of unsatisfactory surfacing shall be done by the contractor as part of the payment made to him for the relevant contract items.

No vehicular traffic or loads shall be permitted on the newly completed pavement until adequate stability has been attained and the material has cooled sufficiently to prevent distortion or loss of fines. If the climate or other conditions warrant it, the period of time before opening to traffic may be extended at the discretion of the Engineer.

Compensation

Method of Measurement

Bituminous Concrete for Permanent Patch of Roadways and Sidewalks will be measured, complete in place and the square yards determined.

Basis of Payment

This work will be paid for at the contract unit price per square yard for Bituminous Concrete for Permanent Patching of Roadway and Sidewalks complete in place which shall include all cutting of pavement joints, excavation, gravel backfill, compaction of sub grade, painting of construction joints, placing and compacting of the Bituminous Concrete mixture, and full compensation for all labor, materials and equipment necessary to complete the work in a satisfactory manner.

Bituminous Concrete for Machine Paving of Sidewalks will be paid for at the contract unit price per ton complete in place.

Payment Item

473.3 Bituminous Concrete for Machine Paving of Sidewalks Per ton

SECTION 486

SCORED CEMENT CONCRETE PAVEMENT

The work under this item shall conform to the relevant provisions of Section 476 of the Standard Specifications.

CONSTRUCTION METHOD

The work shall include the construction of scored cement concrete pavement in conformance with Construction Standard Detail and the dimensions show on the drawing or as directed by the engineer.

COMPENSATION

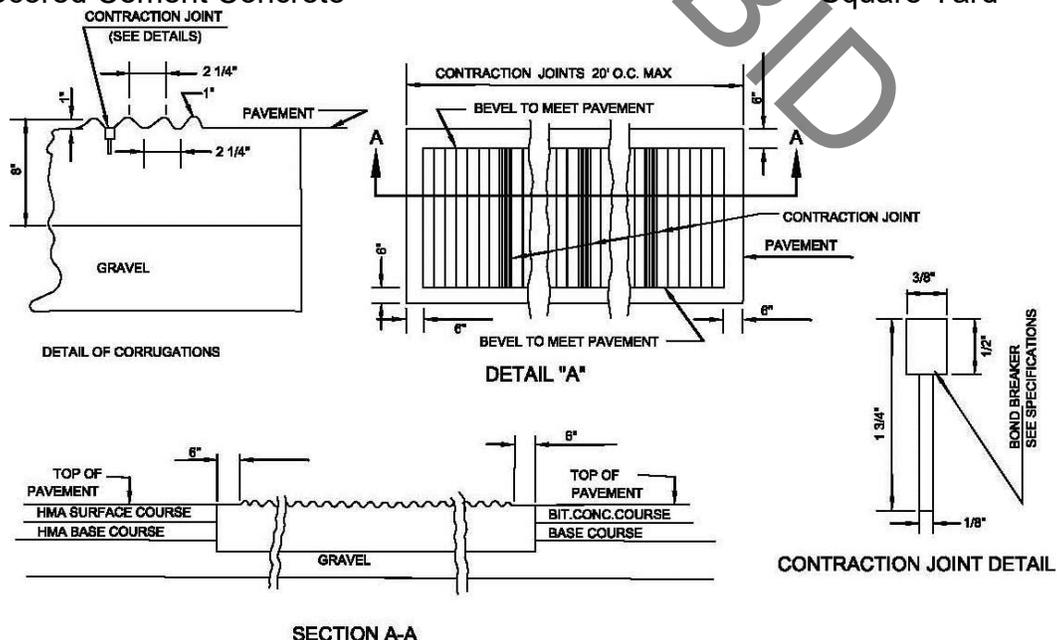
Basis of Payment

The work will be paid for at the contract unit price per square yard for scored cement concrete completed in place which shall include cutting of the pavement, excavation, dense graded crushed stone sub-base, compaction of sub-base, forms, hot mix asphalt for patching, or any other work incidental for completing the work. Payment of this item will also include full compensation for all labor, materials and equipment necessary to complete the work in a satisfactory manner.

Payment of Items

486.1 Scored Cement Concrete

Square Yard



SECTION 500

CURB AND EDGING

Add the Following:

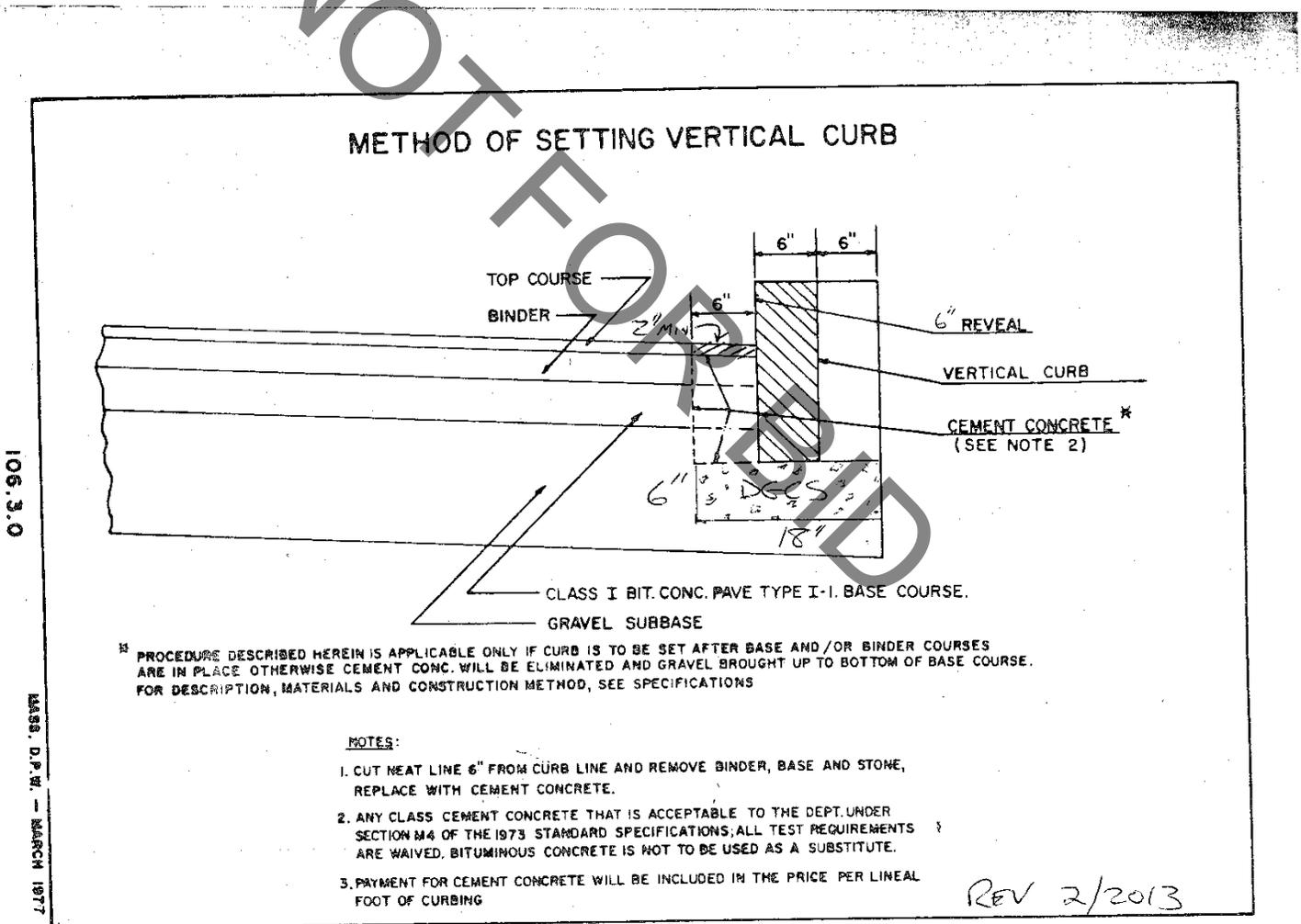
Sawcutting, Excavation, Disposal of Excavated Material, and Concrete for setting and resetting all curbing and edging items shall be considered incidental to and included in each payment item.

Concrete for curb and edging items shall be placed in accordance with the drawing below.

All new curbing and edging shall be set on a 6" x 18" compacted DGCS base.

All reset curbing and edging shall be adjusted to the proposed lines and grades using DGCS. If the existing material encountered is unsuitable in the opinion of the Engineer, the curbing and edging shall be reset on a 6" x 18" compacted DGCS base.

If the curb backed by loam, concrete shall be placed on both sides of the curb.



SECTION 701

SIDEWALKS, WHEELCHAIR RAMPS AND DRIVEWAYS

Add the following:

1. Concrete shall be formed, placed on an approved base, properly finished and cured by experienced concrete finishers under the inspection of the Department of Public Works.
2. Concrete shall be "Class D" (4,000 p.s.i.) in accordance with Section M4.02.00 of the "Standard Specifications for Highways and Bridges" of the Massachusetts Highway Department with 610 lbs. of portland cement, maximum aggregate size of $\frac{3}{4}$ " and 0.20 gallons of Carbo Jet Dispersed Carbon Black or 2.0 pounds of Lamp Black color admixture per cubic yard of concrete with $6\% \pm 1\%$ entrained air in place.
3. Concrete slump shall not exceed five (5) inches.
4. Thickness of concrete sidewalks and wheelchair ramps shall be four (4) inches. Thickness of concrete driveways shall be six (6) inches.
5. Concrete walks shall be non-reinforced.
6. Control joints shall be straight, $\frac{3}{8}$ inch wide, and to a depth equal to one-quarter of the finished depth. Spacing of control joints will depend on the width of the sidewalk and shall form square or nearly square panels.
7. The concrete shall be screeded and darried or bull floated (not to excess). A proper waiting period shall be allowed for settlement and bleeding before final finishing. A transverse soft broom finish is required.
8. Concrete shall be sprayed in two directions with an adequate amount of impervious membrane curing compound according to Subsection 476.71C of the "Standard Specifications for Highways and Bridges". Type 2 Liquid Membrane-Forming compounds for Curing Concrete shall be used on accordance with ASTM Designation C-309-58 or AASHTO Designation M140-57 or the latest revision thereof.
9. Expansion joints shall be to the full depth and width of the concrete slab and shall be placed at vertical or horizontal direction changes, where pavement thickness changes, at each end of tree pits, and around all poles.
10. Bond breaking material shall be used where concrete is placed against foundations, walls, etc. Repairs at the backline of the sidewalk shall be considered incidental to the sidewalk, driveway and wheelchair ramp work.
11. All concrete walk layout and design shall be reviewed with the Engineering Division representatives well in advance of construction and shall be inspected by this Division during construction. Air tests and strength cylinders may be taken by the Division to verify proper materials and compliance with the specifications.
12. All equipment, materials and tools shall be on the job before placing concrete.
13. All Concrete sidewalks, driveways, curb ramps, detectable warning panels and crosswalks shall be installed in accordance with the most recent Massachusetts Architectural Access Board (A.A.B.) and A.D.A. Accessibility Guidelines. In case of a conflict, the more stringent requirement shall be followed. The Contractor shall make every reasonable effort to construct the sidewalk in

compliance with ADA and AAB standards. It is the responsibility of the Contractor to notify the Engineer of any repair that can not be constructed to the applicable ADA and AAB standards. All work that does not meet the ADA and AAB standards shall be replaced by the Contractor with no additional cost to the Department of Public Works.

14. Detectable Warning Panels meeting all applicable ADA and MA AAB regulations shall be installed at every wheelchair ramp. The Detectable Warning Panels shall be cast-in-place type, natural in color and made of **CAST IRON**.

a. Manufacturers: East Jordan Iron Works, Neenah Foundry or Approved Equal.

15. The bid price for items 701, 701.1 and 701.2 shall be full compensation for all sawcutting, excavation, hauling and disposal of existing sidewalks, driveways and wheelchair ramps regardless of material, and all grading, compacting, furnishing, and placing all materials including forms and equipment, tools and all other incidental work necessary for final completion of the items as specified.

16. If subsequent testing on hardened concrete by the Department of Public Works shows that the concrete does not meet the specification requirements, the Contractor shall in addition to being responsible to replace any material or workmanship which is rejected, shall also be responsible for the cost of testing.

17. The Contractor shall be responsible to protect the newly poured concrete surface against vandalism and marking or defacing, and must replace any concrete flatwork which, in the opinion of the Engineer, are excessively marked or defaced without any additional compensation.

18. The Contractor shall be required to provide safe and convenient access to all residences, stores, and businesses during construction operations.

19. During sidewalk closure, two "Sidewalk Closed-Use Other Side" signs, see MUTCD sign R9-10, Minimum size, 12" by 24", must be posted on either side of the site at the nearest intersecting street corners.

701.82 Payment Items

701 Cement Concrete Sidewalks	Square Yard
701.1 Cement Concrete Sidewalks at Drives	Square Yard
701.2 Cement Concrete Wheelchair Ramps	Square Yard
701.3 Cast Iron Detectable Warning Panels	Square Foot

Add the following new section :

SECTION 705

REMOVE AND RESET BRICK PAVEMENT

DESCRIPTION

705.20 General

This work shall consist of removing and resetting of bricks or pavers, in accordance with these specifications and in conformity with the line and grades shown on the plans or established by the Engineer. Material shall be excavated or added to adjust the base to the lines and grades required. All brick or paver surfaces shall be restored using the same materials and construction methods of the existing surface.

705.80 Method of Measurement

Removed and Reset Brick pavement will be measured, complete in place and the area in square yards determined.

705.81 Basis of Pavement

Brick pavement will be paid for at the contract unit price per square yard complete in place, which price shall include full compensation for all labor and materials necessary to complete this work in a satisfactory manner.

705.82 Payment Item

705.11 Remove and Reset Brick Pavement Square yard

SECTION 755 SCREENED LOAM

DESCRIPTION

755.20 General

This work shall consist of furnishing and placing screened loam on an approved area in accordance with these specifications and in close conformity with the lines and grades shown on the plan or established by the Engineer.

MATERIALS

755.40 General

The screened loam shall consist of a fertile, friable natural topsoil of loamy character, without admixture of subsoil refuse or other foreign materials, and shall be or have been obtained from a well drained, arable site. It shall contain from 4% to 12% organic matter by weight and shall be free from stumps, roots, hard dirt, heavy or stiff clay, stones larger than one (1) inch in diameter, lumps, coarse sand, noxious weeds, witch grass, sticks, brush or other litter.

After loam has been stripped from its original location it shall be mechanically screened, (maximum sieve size of 1") before delivery to the job site.

Acceptable loam shall be such a mixture of sand, silt and clay particles as to exhibit sand and clayey properties in about equal proportions. Loam shall, prior to stripping, have demonstrated by the occurrence upon it of healthy crops, grass or other vegetative growth, that it is reasonably well-drained and that it does not contain toxic amounts of either acid or alkaline elements.

The depth to which the topsoil is to be taken shall be such that when removed by mechanical means or by hand the soil will be of the same composition and structure throughout. Topsoil shall not be delivered in a frozen or muddy condition. Samples for testing will be taken in the field.

CONSTRUCTION METHODS

755.60 Placing Screened Loam

The screened loam obtained from stacked piles shall be hauled, deposited and spread to the directed depth on the areas shown on the plans or designated by the Engineer. All loam is subject to the Engineer's approval. The compaction shall be equivalent to that produced by a hand roller weighing from 75 to 100 pounds per foot of width. The compaction may be obtained by rolling, dragging or any methods that produces satisfactory results. All depressions caused by settlement or rolling shall be filled with additional materials and the surfaces shall be re-graded and rolled until it presents a reasonable smooth and even finish and is up to the required grade.

COMPENSATION

755.80 Method of Measurement

All deliveries will be subject to inspection as to quality and quantity, and for each load a delivery slip shall be presented to and signed by the Engineer, or his representative, at the delivery point.

The quantity of screened loam shall be determined by the cubic yard per truck load, delivered and placed to the depth specified on the plans or as directed, by the Engineer.

755.81 Basis of Payment

Screened loam will be paid for at the contract unit price per cubic yard, complete in place, which price shall include full compensation for all labor, materials and equipment necessary to complete the work in a satisfactory manner.

755.82 Payment Item

755 Screened Loam

Cubic Yard

NOT FOR BID

SECTION 765

HYDRO SEEDING

DESCRIPTION

765.20 General

This item of work shall consist of furnishing and applying lime, fertilizer, and seed in accordance with these specifications and/or as established by the Engineer.

MATERIALS

765.40 General

Materials shall meet the requirements specified in the following:

<u>Item</u>	<u>Analysis</u>
High Calcium Lime	M6.01.0
Starter Fertilizer	(0-20-0)
Fall Fertilizer	(24-4-12)
Water Soluble Nitrogen	(10-10-10)

Grass Seed for Hydro Seeding:

<u>Composition</u>	<u>Purity</u>	<u>Germination</u>
25% Baron Kentucky Bluegrass	90%	80%
25% Creeping Red Fescue	97%	85%
50% Pennfine Perennial Ryegrass	98%	90%

CONSTRUCTION METHODS

765.60 General

The Contractor shall not proceed with the work of seeding without approval of the Engineer.

765.61 Application of Limestone

High calcium lime shall be spread in two applications. First, during the lawn construction and again in the fall. The lime shall be applied at the rate of 100 lbs. per 1000 square feet for both applications.

765.62 Application of Fertilizer for Grass

Starter Fertilizer (0-20-0) shall be placed during the lawn construction at the rate of 15 lbs. per 1000 square feet. Fertilizer (24-4-12) shall be applied at the rate of 150 lbs. per acre in the fall.

765.65 Hydro Seeding Application

Before applying any seed the re-spread top soil shall be matted to work lime and starter fertilizer into soil and smooth the surface grade. Both seed and water soluble nitrogen shall be hydro seeded together in one application. The seed shall be applied at the rate of 0.5 lbs. per 1000 square feet.

COMPENSATION

765.80 Method of Measurement

The quantity of seeding shall be the number of square yards based on actual measurements made over the general contour of the areas, limed, fertilized and seeded, complete in place and accepted.

765.81 Basis of Payment

This work soil preparation, two applications of liming, two applications of fertilizing, and one application of hydro seeding complete in place, which price shall include all labor, materials and equipment necessary to do the required work.

This work also includes all mowing which will be paid for at the contract unit price per square yard under the item for Seeding, completed in place. When a satisfactory stand of grass has not been established at the time of acceptance, no payment for seeding shall be allowed at the time of acceptance. At the time the final estimate is ready to be forwarded to the Contractor the seeded areas will again be inspected by the Engineer and if a satisfactory stand of grass has been established, the seeded areas with a satisfactory stand of grass will be included for payment.

765.82 Payment Item

765.01 Liming, fertilizing and hydro seeding **Square Yard**

SECTION 840
Sign Supports

Description:

This work shall consist of removing and disposing of existing traffic posts and installing Town furnished galvanized post anchors.

Construction Methods:

Existing traffic posts shall be removed and properly disposed of off site by the Contractor.

New 2 ¼” Galvanized Post Anchors will be supplied to the Contractor, by the Town, which shall be install during the placing of concrete sidewalks and/or in tree lawn areas immediately after placing concrete sidewalks. All Anchors shall be set six (6) inches above finished grade.

Compensation:

The cost of excavating, removing, disposing of old posts, installing new anchors, all tools, labor, materials, equipment and incidental work necessary to complete the work shall be included in the contract unit price under the respective payment item.

Payment Items:

877.1	Existing Sign Post Removed and Disposed	Each
878	Install Town Furnished Galv. Post Anchor	Each

PROPOSAL

For: **Contract # PW/21-01, Repair of Cement Concrete Sidewalks**

Town of Brookline, Brookline, Massachusetts.

Location

The work referred to herein is in the Town of Brookline, County of Norfolk, Commonwealth of Massachusetts, as described in the enclosed specifications and proposal forms on file in the Engineering Division Office and extends as follows:

To the Party of the First Part:

The undersigned, as bidder, declares that the only persons or parties interested in this proposal as principals are those named herein:- that this proposal is made without collusion with any other person, firm or corporation; that he has carefully examined the location of the proposed work, the Notice to Contractors, the Instruction to Bidders and all attachments referred to therein, the proposed form of contract, the "**STANDARD SPECIFICATIONS**" and plans therein referred to and the Special Provisions and Additions hereto annexed; and he proposes and agrees, if this proposal is accepted, that he will contract with the Party of the First Part, in the form of the contract referred to herein and to be annexed hereto, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all materials specified in the contract, in the manner and time therein prescribed, and according to the requirements of the Engineer as therein set forth, and that he will take in full payment therefore the following unit prices, to wit:

Item No.	Quantity	Items with Unit Price Written in Words	Unit Price		Amount	
			Dollars	Cents	Dollars	Cents
220.1	1	Drainage Structure Adjusted, @				
		Per Each				
220.54	1	Bradley Head Adjusted, @				
		Per Each				
CARRIED FORWARD						

Item No.	Quantity	Items with Unit Price Written in Words	Unit Price		Amount	
			Dollars	Cents	Dollars	Cents
Brought Forward						
220.21	1	Drainage Structure Rebuilt, @				
		Per Vertical Foot				
381.3	10	Service Box Adjusted, @				
		Per Each				
402.1	350	Dense Graded Crushed Stone, @				
		Per Ton				
472	40	Hot Mix Asphalt for Misc. Work, @				
		Per Ton				
473.3	250	Bituminous Concrete Sidewalks				
		Per Ton				
486.1	15	Scored Cement Concrete Paving				
		Per Square Yard				
504	300	Granite Curb Type VA-4, Straight @				
		Per Foot				
504.1	30	Granite Curb Type VA-4, Curved @				
		Per Foot				
516	6	Granite Curb Corner Type A, @				
		Per Each				
CARRIED FORWARD						

Item No.	Quantity	Items with Unit Price Written in Words	Unit Price		Amount	
			Dollars	Cents	Dollars	Cents
			Brought Forward			
580	250	Granite Curb Removed & Reset				
		Per Foot				
581	1	Curb Inlet Removed & Reset, @				
		Per Each				
582	2	Curb Corner Removed & Reset, @				
		Per Each				
594	25	Granite Curb Remove and Discarded, @				
		Per Foot				
701	1100	Cement Concrete Sidewalks, @				
		Per Square Yard				
701.1	250	Cement Concrete Sidewalks at Drives, @				
		Per Square Yard				
701.2	300	Cement Concrete Wheelchair Ramps, @				
		Per Square Yard				
701.3	200	Cast Iron Detectable Warning Panels, @				
		Per Square Foot				
			CARRIED FORWARD			

Item No.	Quantity	Items with Unit Price Written in Words	Unit Price		Amount	
			Dollars	Cents	Dollars	Cents
			Brought Forward			
705.11	20	Remove and Reset Brick Pavement, @				
		Per Square Yard				
755	250	Screened Loam, @				
		Per Cubic Yard				
765.01	200	Lime, Fertilize & Hydro Seed, @				
		Per Square Yard				
811.35	2	Lighting/Traffic Pull Box Adjusted, @				
		Per Each				
866.12	400	12inch Reflectorized White Line, Thermoplastic, @				
		Per Foot				
877.1	4	Exist. Sign & Post Removed & Disposed, @				
		Per Each				
878	6	Install Town Furnished Galv. Post Anchors, @				
		Per Each				
TOTAL BID written in words						

The above prices are to include and cover the furnishing of all materials (except as herein otherwise specified), the performing of all the labor requisite or proper, the providing of all necessary machinery, tools, apparatus and other means of construction; and the doing of all the above-mentioned work in the manner set forth, described and shown in the specifications and on the drawings for the work, and in the form of contract, and the completion thereof on or before **June 30, 2021** after receiving notice to proceed.

If this proposal shall be accepted and the undersigned shall fail to contract as aforesaid and to give a bond in the sum to be determined as aforesaid with surety satisfactory to the Party of the First Part, within six (6) business days from the date of the mailing of a notice from the Party of the First Part to him, according to the address herewith given, that the contract is ready for signature, the Party of the First Part may, at its option, determine that the bidder has abandoned the contract, and thereupon this proposal, and the acceptance thereof shall be null and void, and the proposal guaranty submitted covering this proposal shall become the property of the Town of Brookline, otherwise the said proposal guaranty shall be returned to the undersigned.

The bidder hereby certifies he shall comply with the minority manpower ratio and specific action steps contained in the appendix EEO attached hereto, including compliance with the minority contractor compliance specified in Section V of said appendix. The contractor receiving the award of the contract shall be required to obtain from each of its subcontractors and submit to the contracting or administering agency prior to the performance of any work under said contract a certification by said subcontractor, regardless of tier, that it will comply with the minority manpower ratio and specific affirmative action steps contained in the appendix EEO.

Full name and address of individual or concern submitting this bid:

Signed _____

Title _____

NOTICE: Bid should be signed in ink by a person having proper legal authority, and the person's title should be given, such as "owner" in the case of an individual, "partner" in the case of a general partnership, "president", "treasurer", or other authorized officer in the case of a corporation.

If bidder is a corporation, give the State in which incorporated:

If bid is submitted by joint venturers, this should be stated here:

_____ ; and if any of the joint venturers is a corporation, an attested copy of the vote of the corporation authorizing the joint venture should be attached hereto.

The proposed surety on the bond to be given is:

Name

Home Office Address

Massachusetts Address (if different)

NOT FOR BID

CERTIFICATE OF VOTE

I, _____, Clerk of

_____, hereby certify

that, at a meeting of the Board of Directors of said Corporation duly held on

_____, 2020, at which a quorum was present and voting throughout, the following vote was duly passed and is now in full force and effect:

"VOTED: That _____ be and he
(Name of Officer authorized to sign for Corporation)

hereby is authorized, directed and empowered for, in the name and on behalf of this Corporation, to sign, seal with the corporate seal, execute, acknowledge and deliver all contracts, bonds and other obligations of this Corporation; the execution of any such contract, bond or

obligation by such _____ to be valid and binding
(Name of Officer)

upon this Corporation for all purposes, and that a certificate of the Clerk of This Corporation setting forth this vote shall be delivered to the Town of Brookline; and that this vote shall remain in full force and effect unless and until the same has been altered, amended or revoked by a subsequent vote of such directors and a certificate of such later vote attested by the Clerk of this Corporation is delivered to the Town of Brookline."

I further certify that _____
(Name of Officer)

is the duly elected _____ of said Corporation.
(Title)

Signed _____
(Clerk - Secretary)

Place of Business

Date of Contract

Affix Corporate Seal

* Countersignature (Name and Title)

* In the event that the Clerk or Secretary is the same person as the Officer authorized to sign that contract or other instrument for the Corporation, this certificate must be countersigned by another officer of the Corporation.

AFFIDAVIT

State of _____) Date _____ 2020

County of _____) ss.:

_____)

The undersigned being duly sworn, deposes and says that he is the

(sole owner; partner; president, treasurer, or other duly authorized official of a corporation)

of _____, for
(name of bidder as appearing in submitted proposal)

Contract Number **PW/21-01**

for: **Repair of Cement Concrete Sidewalks**

in the Town of Brookline on _____ the undersigned certifies under
(date bids were opened)

the penalties of perjury that this bid is in all respects, bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity.

(name of person signing bid)

(name of Company)

Affix Corporate Seal

Sworn to before me this _____ day of _____ 2020

Notary Public

My Commission expires _____

Affix Notary Seal

STATEMENT OF BIDDER'S QUALIFICATIONS

All information requested below must be submitted. Answers must be clear and comprehensive. Questions should be answered on separate attached sheets. The bidder may submit any additional information he desires.

- 1.0 How many years have you been engaged in the contracting business under your present firm or trade name?

- 2.0 Contracts on hand: List each of them, showing the gross amount of each contract and the appropriate anticipated dates of completion. Give the name and address of the client and the name of the person supervising for the client.

- 3.0 List the Municipal, State and Private contracts you have been awarded in the past five years, stating the approximate cost for each, and the month and year completed. Give the name and address of the client and the name of the person supervising for the client. (Contractor must have five years experience in Municipal work of similar nature.)

- 4.0 List your major equipment that is available for this contract.

- 5.0 List subcontractor(s) you expect to use on this contract and the dollar value of work

- 6.0 Bonding capacity of your company

IF BID IS BY A CORPORATION FILL IN INFORMATION BELOW

Contractor

Address

City or Town State Zip

Treasury Reporting Number

Telephone Number

President

Vice-President

Home Address

Home Address

City or Town State Zip

City or Town State Zip

Social Security Number

Social Security Number

Home Telephone Number

Home Telephone Number

Treasurer

Clerk

Home Address

Home Address

City or Town State Zip

City or Town State Zip

Social Security Number

Social Security Number

Home Telephone Number

Home Telephone Number

NOT FOR BID

IF BID IS BY AN INDIVIDUAL FILL IN INFORMATION BELOW

Contractor

Address

City or Town State Zip

Social Security Number

Home Telephone Number

Firm Telephone Number

NOT FOR BID

TOWN OF BROOKLINE

MASSACHUSETTS

CONTRACT

CLAUSE 1 - This agreement, made this _____ day of _____ in the year two thousand and twenty, between the Town of Brookline by its Selectmen, acting on behalf of said Town, and not individually, and without incurring any individual liability thereby, hereinafter called the Town as party of the first part and _____, party of the second part, hereinafter called the Contractor.

CLAUSE 2 - WITNESSETH, That the parties to this agreement, each in consideration of the agreements on the part of the other herein contained, do hereby agree, the Town of Brookline for itself and said Contractor for itself and its successors and assigns, as follows:

The Contractor agrees to furnish all equipment, machinery tools and labor, to furnish and deliver all materials required to be furnished and delivered in and about the improvement and to do and perform all work in Contract No. **PW/21-01, Repair of Cement Concrete Sidewalks** in strict conformity with the provisions herein contained and in the Notice to Contractors, Instruction to Bidders, Special Provisions and Additions hereto attached and the "STANDARD SPECIFICATIONS" on file at the office of the Commissioner of Public Works in Brookline and with the plans referred to therein.

The "STANDARD SPECIFICATIONS" herein referred to shall consist of the following documents as modified by the said Instruction to Bidders, including Amendments to Division II (Construction Details), Amendments to Division III (Materials Specifications) and Special Provisions and Supplementary Specifications attached hereto:

1. The 1988 edition of STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES of the Commonwealth of Massachusetts, Department of Public Works and;
2. AMENDMENTS AND SUPPLEMENTAL SPECIFICATIONS to the said STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES in effect on date project was advertised.

All said plans, the said "STANDARD SPECIFICATIONS", the said Instruction to Bidders, Amendments to Division II (Construction Details), Amendments to Division III (Materials Specifications), Proposal, Special Provisions and Supplementary Specifications are hereby specifically made a part of this contract as fully and to the same effect as if the same had been set forth at length herein.

CLAUSE 3 - In consideration of the foregoing premises, the Town agrees to pay and the Contractor agrees to receive as full compensation for all work required but not shown on the plans for the items herein mentioned, and also for all loss or damage arising out of the nature of the work aforesaid, or from the action of the elements (except as excluded in Subsection 7.18) or from any delay (see Subsection 8.04) or from any unforeseen obstruction or difficulty encountered in the prosecution of the work, and

for all risks of every description connected with the work, and for all expenses incurred by or in consequence of the suspension or discontinuance of the work herein specified, and for well and faithfully completing the work, and the whole thereof, as herein provided, such unit process as are set out in the accompanying Proposal, and for all work required, for which there is no item in the Proposal, such compensation as is provided for in the aforesaid "STANDARD SPECIFICATION".

In witness whereof, the said Contractor has caused these presents to be signed in its corporate seal to be hereto affixed by;

_____ its _____

thereto duly authorized, and the said TOWN executed these presents by its Board of Selectmen, acting for said Town, and not individually, and without incurring any individual liability, on the year and day above written.

Town of Brookline

By _____

Board of Selectmen

By _____

Contractor

_____ Seal

Approved as to Form:

Town Counsel

Certified in accordance with Chapter 44,
Section 31C and based upon Engineering
estimates.

Comptroller

PERFORMANCE BOND

Know all persons by these presents, that _____ as principal,
and _____ as surety,
are held and firmly bound unto the Town of Brookline, Massachusetts in the sum of
_____ (\$ _____) in lawful
money of the United States of America, to be paid to the Town of Brookline, Massachusetts, for
which payments, well and truly to be made, we bind ourselves, our respective heirs, executors,
administrators, successors and assigns, jointly and severally, firmly by these presents.

Whereas the said principal has made a Contract with the Town of Brookline, acting
through its Board of Selectmen (“Awarding Authority”), bearing the date of _____
_____, 2020 for the construction of Contract No.: PW/21-01
Project Name: Repair of Cement Concrete Sidewalks.

Now the condition of this obligation is such that if the principal shall well and truly keep
and perform all the undertakings, covenants, agreements, terms and conditions of said Contract
and any extensions thereof that may be granted by the Town of Brookline, with or without notice
to the surety, and during the life of any guarantee required under the Contract, and shall also well
and truly keep and perform all the undertakings, covenants, agreements, terms and conditions of
any and all duly authorized modifications, alterations, changes or additions to said Contract that
may hereafter be made, notice to the surety of such modifications, alterations, changes or
additions being hereby waived, then this obligation shall become null and void; otherwise it shall
remain in full force and effect.

In the event that the Contract is abandoned by the Contractor, or is terminated by the
Town of Brookline under the provisions of said Contract, said surety shall, if requested in
writing by the Town of Brookline, take such action as is necessary to complete the Contract.

In witness whereof we hereunto set our hand and seals this _____ day of
_____ 2020.

(Print Name of General Contractor) (Seal)

(Print Name of Surety) (Seal)

BY _____
(Signature- Title)

BY _____
(Signature- Title)

Surety Address _____

PAYMENT BOND

Know all persons by these presents, that _____ as principal, and _____ as surety, are held and firmly bound unto the Town of Brookline, Massachusetts in the sum of _____ (\$ _____) in lawful money of the United States of America, to be paid to the Town of Brookline, Massachusetts, for which payments, well and truly made, we bind ourselves, our respective heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Whereas, the said principal has made a Contract with the Town of Brookline, acting through its Board of Selectmen (“Awarding Authority”), bearing the date of _____ 2020, for the construction of Contract No. PW/21-01 Project Name Repair of Cement Concrete Sidewalks.

Now the condition of this obligation is such that if the principal shall pay for all labor performed or furnished and for all materials used or employed in said Contract and in any and all duly authorized modifications, alterations, extensions of time, changes or additions to said Contract that may hereafter be made, notice to the surety of such modifications, alterations, extensions of time, changes or additions being hereby waived, the foregoing to include any other purpose or items set out in, and to be subject to, provisions of Massachusetts General laws Chapter 30 section 39A, and Chapter 149, section 29, as amended, then this obligation shall become null and void; otherwise it shall remain in full force and virtue.

In witness whereof we hereunto set out hand and seals this _____ day of _____, 2020.

(Print Name of General Contract) (Seal)

(Print Name of Surety) (Seal)

BY _____
(Signature- Title)

BY _____
(Signature- Title)

Surety Address _____

STATE TAX CERTIFICATE

Pursuant to M.G.L. Ch. 62C, sec. 49A, I certify under the penalties of perjury that I, to the best of my 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
Corporate Name

by: _____
Corporate Officer
(If applicable)

* Submission of a Social Security Number or a Federal Identification Number is voluntary.

NOT FOR BID