



BID NO. 23-148

Repairs to the West Street Bridge

MassDOT Bridge No. L-16-016=S-24-001 (0M7)

PROJECT MANUAL

**OFFICE OF PROCUREMENT AND
DEPARTMENT OF PUBLIC WORKS**

SPRINGFIELD, MA

LAUREN STABILO – CHIEF PROCUREMENT OFFICER

CHRISTOPHER M. CIGNOLI, P.E. – DIRECTOR, DEPARTMENT OF PUBLIC WORKS

INCOMPLIANCE WITH THE ABOVE AND SUBJECT TO ALL OF THE CONDITIONS THEREOF, THE UNDERSIGNED AGREES TO FURNISH ANY OR ALL OF THE ITEMS AT THE PRICES AND TERMS QUOTED ON THIS BID, AND WITHIN THE TIME STATED.

THIS FORM MUST BE COMPLETED AND
SIGNED AT THE TIME OF BID OPENING

PHONE: _____ EXT. NO.: _____

EMAIL: _____

COMPANY NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____

BY: _____

SIGNATURE: _____

TITLE: _____ DATE: _____

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ADVERTISEMENT
CITY OF SPRINGFIELD, MASSACHUSETTS
OFFICE OF PROCUREMENT

Sealed bids for a Contractor for the Repairs to the West Street Bridge - Bid No. 23-148

will be received until 2:00 PM **June 9, 2023** by: The Office of Procurement

Lauren Stabilo, Chief Procurement Officer
36 Court Street, Room 307, Springfield MA, 01103
Phone (413) 787-6290

email: lstabilo@springfieldcityhall.com at which time the bids will be opened.

Bid Forms and all documents will be available beginning May 17, 2023 at the Office of Procurement, 36 Court Street, Room 307, Springfield, MA 01103 during normal business days, Monday through Friday between 8:30 AM and 4 :00 PM. Bidders can also request a copy on the City's website on the Procurement Department's webpage at www.springfieldcityhall.com.

This Invitation for Bids is subject to M.G.L. Ch. 30 39M and other state procurement statutes. MA Prevailing Wages will apply to this project. This project has an estimated cost of Three Hundred and Fifty Thousand Dollars (\$350,000).

The proposed repairs involve the replacement of concrete filled steel grid bridge decking and associated construction on both the Springfield and Ludlow sides of the bridge. Per the City of Springfield and the Town of Ludlow, the bridge will be allowed to be closed during construction, pending the approval of a Traffic Management Plan.

A pre-bid conference will be held on May 31, 2023, at 1:00 pm in the Conference Center, DPW Offices, 70 Tapley Street, Springfield, MA 01104. All questions regarding the bid or its specifications must be received by the Office of Procurement no later than 4:00 PM on June 1, 2023.

The Chief Procurement Officer reserves the right to waive any informality in and to reject any or all bids if it is in the public interest to do so. The City of Springfield supports the goal of twenty percent minority and women (MWBE) participation in all contracts.

Note: to newspaper: Insert the above advertisement in the Springfield Republican ONLY under the heading "Legal Notice" on the following date: **May 17, 2023**
Phone: 787-6284 - Reference: Bid No. 23-148

CITY OF SPRINGFIELD, MASSACHUSETTS
INVITATION FOR BIDS
FOR
REPAIRS TO THE WEST STREET BRIDGE - PER BID NO. 23-148
MassDOT Bridge No. L-16-016=S-24-001 (0M7)

Sealed Unit prices for the furnishing and installation of all materials required for the Contract will be received by the Office of Procurement, 36 Court Street, Room 307, Springfield, MA 01103, until 2:00 p.m. (EST) on June 9, 2023 and immediately following that time will be publicly opened.

The work shall consist of:

- Repair / Replacement of 8' +/- length of concrete filled steel grid bridge deck on each end of the West Street bridge structure which will also include the removal / resetting of the granite curbs. Work will also include the posting of a vehicular detour as the bridge will be allowed to be closed during construction.

Contractor shall review the Scope of Work section of the project manual for additional information related to the project schedule for each of the individual components within the Base Bids.

All labor, materials, and equipment shall be furnished by the contractor. All work shall be in conformance with the City of Springfield's Department of Public Works standards and specifications, the latest version of the State of Massachusetts Department of Transportation standards and specifications.

The work shall commence by June 19, 2023 (or when a Formal Notice to Proceed has been issued or whenever Contract is fully executed) and be completed within on September 8, 2023, or 81 consecutive calendar days.

Bid documents and specifications will be available beginning Wednesday, May 17, 2023 at the Office of Procurement, 36 Court Street, Room 307, Springfield, MA 01103 during normal business days, Monday through Friday between 8:30 AM and 4:00 PM. Bidding procedures are per Massachusetts General Laws (M.G.L.) Chapter 30 section 39M. The conditions of employment and wage rates, as set forth by the Massachusetts Division of Occupational Safety shall prevail in the execution of the work under this contract.

A pre-bid conference will be held on Wednesday, May 31, 2023 at 1:00PM at the front video conference room within the Department of Public Works.

Each Bid shall be accompanied by a certified check or Bid Bond and shall be subject to the conditions provided for in the Project Manual / Information for Bidders. The amount of such bid security shall be at least five percent (5%) of the submitted bid price, including all bid alternates. No bidder may withdraw their bid for a period of thirty (30) days excluding Saturdays, Sundays and legal holidays, after the date set for the bid opening.

The successful bidder must furnish a Performance and Labor & Materials Bond (100%) of the executed contract price with a Surety Company satisfactory with the City of Springfield.

Complete instructions for filing bids are included in the Project Manual in the “Bidding Requirements” section of the manual.

Bid responses delivered to any other office or location will be rejected as non-responsive. If at the time of the scheduled Bid opening, City Hall or the Procurement Office is closed due to uncontrolled events such as fire, snow, ice, wind, or building evacuation, the Bid opening will be postponed until 2:00 p.m. on the next normal business day. Bids will be accepted until that date and time.

A schedule of labor rates by the Commission of Labor and Industries of the Commonwealth of Massachusetts is included in this project manual. The Wage Rates, Labor Requirements and other applicable conditions are noted in the project manual. Wages are subject to minimum wage rates as per M.G.L. Chapter 149, Sections 26 – 27G, inclusive and any other rates identified in this document.

Right is reserved to waive any informality and to reject any or all bids, to waive any informalities, or to amend any specifications. All bids for this project are subject to the provisions of Massachusetts general Laws, (Ter. Ed) Chapter 30, Section 39M inclusive as amended.

The City of Springfield supports the goal of twenty percent (20%) minority and women participation in all contracts.

All questions regarding specifications must be submitted in writing, no later than June 1, 2023 by 4:00 PM. Questions must be submitted to the attention of Lauren Stabilo, Chief Procurement Officer (lstabilo@springfieldcityhall.com). A copy of of all questions must be copied to Christopher M. Cignoli, P.E., Director of the Department of Public Works at ccignoli@springfieldcityhall.com.

Written clarifications or interpretations will be issued by Addenda not later than five (5) days before the bid opening date. Only questions answered by formal written Addenda will be binding. Oral or other clarifications or interpretations will be without legal effect. Addenda will be mailed via certified mail, with return receipt requested, to all parties recorded as receiving the Project Manual.

Each Bidder shall be responsible for determining that he has received all Addenda issued. Submitter shall acknowledge receipt of all addenda when submitting response.

**NOTICE TO BIDDERS – CITY OF SPRINGFIELD
PUBLIC WORKS PROJECTS M.G.L. C. 30 s. 39M - TERMS AND CONDITIONS**

1. A Certified, or Bank Check made payable to the City of Springfield in the amount of 5% of the total dollar amount must accompany this bid. If the total dollar amount bid is less than \$25,000.00 no bid deposit check is required. Bid Bonds are acceptable.
2. All bids received will be publicly opened and read in the Bid Room of the Office of Procurement, City Hall, room 307, 36 Court Street, Springfield, MA, 01103 at the date and time specified. **NO BID WILL BE ACCEPTED AFTER TIME AND DATE SPECIFIED.**
3. **A Labor and Materials (Payment) and Performance Bond in the amount of 100% of the total dollar award are required.** The bidder shall include the cost of bond premiums in his or her bid price. No bonds will be required in awards of under \$5,000.00.
4. Any prospective bidder requesting a change in, or interpretation of, existing specification or terms and conditions must do so at least seven work days (Saturdays, Sundays, and Holidays excluded) before the scheduled bid opening date. All requests are to be in writing to the Chief Procurement Officer. No changes will be considered or any interpretation issued unless request is in our hands at least seven work days (Saturdays, Sundays, and Holidays excluded) **BEFORE** scheduled bid opening date.
5. Bids that are incomplete, not properly endorsed or signed, or otherwise contrary to these instructions shall be rejected as informal by the Chief Procurement Officer. Conditional Bids will not be accepted.
6. By signing this bid, the Bidder certifies that no official or employee of the City of Springfield, Massachusetts, has a pecuniary interest in this proposal or in the contract which the bidder offers to execute or in expected profits to arise therefrom, unless there has been compliance with provisions of G.L.C. 43 sec. 27, and that this bid is made in good faith without fraud or collusion or connection with any other person submitting a proposal.
7. As the City of Springfield is exempt from the payment of Federal Excise Taxes, prices quoted herein are not to include these taxes.
8. Before submitting a quotation, each bidder must make a careful study of these specifications and proposal, and fully assure himself or herself as to the quality of the materials and character of the workmanship required.
9. The bidder must visit the place where the work is to be performed and where materials are to be delivered, and consider the existing conditions. Should his/her quotation be accepted, he/she will be held responsible for any omission, misunderstanding or error, whether it results from his/her failure to do so or not.
10. The City reserves the right to make changes in the work without affecting the validity of the contract. The value of such alterations will be added to or taken away from the contract prices as provided in the contract agreement. Any additional compensation will be allowed only after price agreement and authorization by the Chief Procurement Officer.
11. No alterations shall be made in the work described by the specifications except upon written order of the contracting officer and when so made the value of the work added or omitted shall be computed and the amount so ascertained shall be added to or deducted from the contract price.
12. Bidders are required to inform themselves fully relative to conditions under which the work is to be performed. The contractor must employ as far as possible such methods and means in the carrying out of his work as will not cause any interruption or interference with the existing service and conditions.
13. All work and material must comply in every respect with the Building Laws, City Regulations and Massachusetts State Department of Public Safety Regulations.

14. In the employment of mechanics and apprentices, teamsters, chauffeurs and laborers in the construction of public works by the Commonwealth, or by a County, Town or District, or by persons contracting or subcontracting for such works, preference shall first be given to citizens of the Commonwealth who have been residents of the Commonwealth for a least six months at the commencement of their employment and who are veterans as defined in M.G.L. c,4, sec. 7, (43), and who are qualified to perform the work to which the employment relates; and secondly, to citizens of the Commonwealth generally who have been residents of the Commonwealth for at least six months at the commencement of their employment and if they cannot be obtained in sufficient numbers, then to citizens of the United States, and every contract for such work shall contain a provision to this effect. Each County, Town or District in the construction of Public Works, or persons contracting or sub-contracting for such work shall give preference to veterans and citizens who are residents of such County, Town or District.

15. The Contractor is to give proper authorities notice relating to the work, obtain official permits when required and pay all proper fees for same.

16. All materials used shall be of the very best quality of their respective kinds and all of the work performed shall be executed in the most skillful and workmanlike manner and both materials used and work performed shall, in every respect, meet the complete satisfaction of the Chief Procurement Officer or his authorized agent. The bidder to whom a contract is awarded guarantees to the City of Springfield all equipment, materials and/or workmanship for a period of one (1) year after final inspection and acceptance and shall replace promptly any defective equipment, materials and/or workmanship required without additional cost to the City.

17. The premises shall be kept clean and free from debris. Upon completion of the work, all rubbish and surplus materials then remaining in or about the building or grounds shall be removed promptly, leaving the premises in perfect and proper condition.

18. The Contractor shall be responsible for all materials delivered in connection with this work, and shall pay all charges for cartage, scaffolds, planking and erecting materials, and replace all materials and apparatus which may become damaged or stolen before the final acceptance of the work.

19. The City of Springfield reserves the right to reject any and all bids, wholly or in part.

20. If the bid is withdrawn after the time and date specified for receipt of the bid, the bidder shall forfeit the deposit on the bid as liquidated damages.

21. The contractor will not be permitted to either assign or underlet the contract, or assign either legally or equitably any moneys hereunder, or its claim thereto without the previous written consent of the City Treasurer and of the Chief Procurement Officer of the City.

22. If this bid shall be accepted by the City, and the bidder shall fail to contract as aforesaid and to give Bonds in the amount as specified in section 3, within ten (10) days, (not including Saturday, Sunday, or a Legal Holiday) from the date of the mailing of a Contract from the City to him or her according to the address given herewith, the City may by option determine that the bidder has abandoned the contract, and thereupon the proposal and acceptance shall be null and void and the bid security accompanying this proposal shall become the property of the City as liquidated damages.

23. All bids are to be submitted on the Forms issued by the City.

24. If in the judgment of the Chief Procurement Officer any property is needlessly damaged by an act or omission of the contractor or his employees, servants, or agents, the amount of such damages shall be determined by the Chief Procurement Officer of the City of Springfield and such amount shall be deducted from any money due the contractor or may be recovered from said contractor in actions at law.

25. It is agreed that deliveries and/or completion are subject to strikes, lockouts, accidents and acts of God.

26. The contractor shall, before commencing the work, provide by insurance for the payment compensation and the furnishing of other benefits under Chapter 152 of the General Laws (Ter. Ed.) to all persons employed under the contract, and he shall continue such insurance in force and effect during the term thereof.

27. The contractor will be required to indemnify and save harmless the City of Springfield for all bodily injury and property damages that may occur due to his negligence or that of his employees, subcontractors, etc., during work under this contract, or all extra work covered by this contract in accordance with the following insurance policy limitations:

GENERAL LIABILITY

<u>General Aggregate</u>	<u>\$3,000,000</u>
<u>Products – Comp/OP Agg.</u>	<u>\$3,000,000</u>
<u>Personal & Adv. Injury</u>	<u>\$1,000,000</u>
<u>Each Occurrence</u>	<u>\$1,000,000</u>
<u>Fire Damage (any one fire)</u>	<u>\$ 250,000</u>
<u>Med Exp. (any one person)</u>	<u>\$ 10,000</u>

28. The contractor shall carry public liability insurance with an Insurance Company satisfactory to the City so as to save the City harmless from any and all claims for damages arising out of bodily injury to death of any person or persons, and for all claims for damages arising out of injury to or destruction of property caused by accident resulting from the use of implements, equipment or labor used in the performance of the contract or from any neglect, default or omission, or want proper care, or misconduct on the part of the contractor or for any one in his employ during the execution of the work.

29. Prior to starting work on this contract, the Contractor shall deposit with the City Chief Procurement Officer certificates from the insurers to the effect that the insurance policies required in the above paragraph have been issued to the contractor. The certificate must be on a form satisfactory to the City Chief Procurement Officer.

30. Except as may otherwise be stated herein, the Contractor shall also carry bodily injury and property damage insurance in amounts not less than those set forth above covering the operation of all motor powered vehicles owned or operated by the contractor and engaged in this work.

31. No cancellation of any insurance whether by the insurer or by the insured shall be effective unless written notice thereof is given to the City at least fifteen days prior to the intended effective date thereof, which date has been expressed in the notice. Prior to the effective date of any such cancellation the contractor shall take out new insurance to cover the policies so canceled. The insurance companies shall remain liable, however, until new and satisfactory insurance policies have been delivered to and accepted by the City.

32. The conditions of employment and prevailing wage rates, as set forth by the Massachusetts Division of Occupational Safety, shall prevail in the execution of the work under the contract. The Prevailing Wage Rate Schedule is contained in the Specifications.

CITY OF SPRINGFIELD, MASSACHUSETTS

SUMMARY OF DOCUMENTS REQUIRED

FOR

PROPOSAL FOR REPAIRS TO THE WEST STREET BRIDGE

PER BID NO. 23-148

The Contractor shall furnish the following items and / or documents listed for each sealed bid proposal to avoid having that proposal rejected for non-compliance. Other documents or certifications may be required to fulfill particular circumstances noted in the Project Manual and shall be included if required.

1. Signed Unit Price Bid Proposal completely filled out as required – Pages BP-1 thru BP-6
2. Certified Check or Bid Bond in the amount of at least five percent (5%) of the Bid Price, including all Alternate Bids, as Bid security.
3. Debarment Disclosure Form (D-1)
4. MBE / WBE Forms 1-5
5. Bid Letter from approved Surety Company agreeing to furnish a Performance Bond and a Labor & Materials Bond in the event of an award.
6. Any Power of Attorney or other Certification if required.
7. Tax Certification Affidavit (TC)
8. Certification against Collusion and Fraud (CF)
9. Certification of OSHA Training.
10. Statement of Bidders Qualification
11. Project Manual Cover Page completed as noted



**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**

MAURA HEALEY
Governor

KIM DRISCOLL
Lt. Governor

LAUREN JONES
Secretary

MICHAEL FLANAGAN
Director

Awarding Authority: Springfield Office of Procurement
Contract Number: Bid No. 23-148 **City/Town:** SPRINGFIELD
Description of Work: The Bridge repairs involve the replacement of concrete filled steel grid bridge decking and associated construction on both the Springfield and Ludlow sides of the bridge.
Job Location: West End Bridge Springfield/Ludlow

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- 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 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, the 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. The annual update requirement is not applicable to 27F "rental of equipment" contracts. **The updated wage schedule must be provided to all contractors, including general and sub-contractors, working on the construction project.**
- 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 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 a sub-contractor.
- Apprentices working on the project are required to be registered with the Massachusetts Division of Apprentice Standards (DAS). Apprentices must keep their apprentice identification card on their persons 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 DAS regardless of whether they are registered with another federal, state, local, or private agency must be paid the journeyworker's rate.**
- Every contractor or subcontractor working on the construction project must 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. For a sample payroll reporting form go to <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.
- Contractors must obtain the wage schedules from awarding authorities. 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.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may file a complaint with the Fair Labor Division of the office of the Attorney General at (617) 727-3465.

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>	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>	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>	12/01/2021	\$36.14	\$13.41	\$16.01	\$0.00	\$65.56
ADS/SUBMERSIBLE PILOT <i>PILE DRIVER LOCAL 56 (ZONE 3)</i>	08/01/2020	\$103.05	\$9.40	\$23.12	\$0.00	\$135.57
For apprentice rates see "Apprentice- PILE DRIVER"						
AIR TRACK OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$34.38	\$9.10	\$16.19	\$0.00	\$59.67
	06/01/2023	\$35.00	\$9.10	\$16.19	\$0.00	\$60.29
	12/01/2023	\$35.63	\$9.10	\$16.19	\$0.00	\$60.92
For apprentice rates see "Apprentice- LABORER"						
AIR TRACK OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	12/01/2022	\$33.75	\$9.35	\$14.41	\$0.00	\$57.51
	06/01/2023	\$34.37	\$9.35	\$14.41	\$0.00	\$58.13
	12/01/2023	\$35.00	\$9.35	\$14.41	\$0.00	\$58.76
	06/01/2024	\$36.20	\$9.35	\$14.41	\$0.00	\$59.96
	12/01/2024	\$37.40	\$9.35	\$14.41	\$0.00	\$61.16
	06/01/2025	\$38.65	\$9.35	\$14.41	\$0.00	\$62.41
	12/01/2025	\$39.89	\$9.35	\$14.41	\$0.00	\$63.65
	06/01/2026	\$41.19	\$9.35	\$14.41	\$0.00	\$64.95
	12/01/2026	\$42.48	\$9.35	\$14.41	\$0.00	\$66.24
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
ASBESTOS WORKER (PIPES & TANKS) <i>HEAT & FROST INSULATORS LOCAL 6 (SPRINGFIELD)</i>	12/01/2020	\$34.29	\$12.80	\$8.95	\$0.00	\$56.04
ASPHALT RAKER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$33.88	\$9.10	\$16.19	\$0.00	\$59.17
	06/01/2023	\$34.50	\$9.10	\$16.19	\$0.00	\$59.79
	12/01/2023	\$35.13	\$9.10	\$16.19	\$0.00	\$60.42
For apprentice rates see "Apprentice- LABORER"						
ASPHALT RAKER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	12/01/2022	\$33.25	\$9.35	\$14.41	\$0.00	\$57.01
	06/01/2023	\$33.87	\$9.35	\$14.41	\$0.00	\$57.63
	12/01/2023	\$34.50	\$9.35	\$14.41	\$0.00	\$58.26
	06/01/2024	\$35.70	\$9.35	\$14.41	\$0.00	\$59.46
	12/01/2024	\$36.90	\$9.35	\$14.41	\$0.00	\$60.66
	06/01/2025	\$38.15	\$9.35	\$14.41	\$0.00	\$61.91
	12/01/2025	\$39.39	\$9.35	\$14.41	\$0.00	\$63.15
	06/01/2026	\$40.69	\$9.35	\$14.41	\$0.00	\$64.45
	12/01/2026	\$41.98	\$9.35	\$14.41	\$0.00	\$65.74
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
AUTOMATIC GRADER-EXCAVATOR (RECLAIMER) <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$38.21	\$13.38	\$15.00	\$0.00	\$66.59
	06/01/2023	\$39.16	\$13.38	\$15.00	\$0.00	\$67.54
	12/01/2023	\$40.11	\$13.38	\$15.00	\$0.00	\$68.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BACKHOE/FRONT-END LOADER OPERATOR <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$38.21	\$13.38	\$15.00	\$0.00	\$66.59
	06/01/2023	\$39.16	\$13.38	\$15.00	\$0.00	\$67.54
	12/01/2023	\$40.11	\$13.38	\$15.00	\$0.00	\$68.49
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 3 (BUILDING & SITE)</i>	12/01/2022	\$33.88	\$9.10	\$16.19	\$0.00	\$59.17
	06/01/2023	\$34.50	\$9.10	\$16.19	\$0.00	\$59.79
	12/01/2023	\$35.13	\$9.10	\$16.19	\$0.00	\$60.42
For apprentice rates see "Apprentice- LABORER"						
BATCH/CEMENT PLANT - ON SITE <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$37.68	\$13.38	\$15.00	\$0.00	\$66.06
	06/01/2023	\$38.63	\$13.38	\$15.00	\$0.00	\$67.01
	12/01/2023	\$39.58	\$13.38	\$15.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BLOCK PAVER, RAMMER / CURB SETTER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$34.38	\$9.10	\$16.19	\$0.00	\$59.67
	06/01/2023	\$35.00	\$9.10	\$16.19	\$0.00	\$60.29
	12/01/2023	\$35.63	\$9.10	\$16.19	\$0.00	\$60.92
For apprentice rates see "Apprentice- LABORER"						
BLOCK PAVER, RAMMER / CURB SETTER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	12/01/2022	\$33.75	\$9.35	\$14.41	\$0.00	\$57.51
	06/01/2023	\$34.37	\$9.35	\$14.41	\$0.00	\$58.13
	12/01/2023	\$35.00	\$9.35	\$14.41	\$0.00	\$58.76
	06/01/2024	\$36.20	\$9.35	\$14.41	\$0.00	\$59.96
	12/01/2024	\$37.40	\$9.35	\$14.41	\$0.00	\$61.16
	06/01/2025	\$38.65	\$9.35	\$14.41	\$0.00	\$62.41
	12/01/2025	\$39.89	\$9.35	\$14.41	\$0.00	\$63.65
	06/01/2026	\$41.19	\$9.35	\$14.41	\$0.00	\$64.95
	12/01/2026	\$42.48	\$9.35	\$14.41	\$0.00	\$66.24
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
BOILER MAKER <i>BOILERMAKERS LOCAL 29</i>	01/01/2023	\$47.37	\$7.07	\$20.31	\$0.00	\$74.75
	01/01/2024	\$48.12	\$7.07	\$20.60	\$0.00	\$75.79

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - BOILERMAKER - Local 29

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$30.79	\$7.07	\$13.22	\$0.00	\$51.08
2	65	\$30.79	\$7.07	\$13.22	\$0.00	\$51.08
3	70	\$33.16	\$7.07	\$14.23	\$0.00	\$54.46
4	75	\$35.53	\$7.07	\$15.24	\$0.00	\$57.84
5	80	\$37.90	\$7.07	\$16.25	\$0.00	\$61.22
6	85	\$40.26	\$7.07	\$17.28	\$0.00	\$64.61
7	90	\$42.63	\$7.07	\$18.28	\$0.00	\$67.98
8	95	\$45.00	\$7.07	\$19.32	\$0.00	\$71.39

Effective Date - 01/01/2024

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$31.28	\$7.07	\$13.22	\$0.00	\$51.57
2	65	\$31.28	\$7.07	\$13.22	\$0.00	\$51.57
3	70	\$33.68	\$7.07	\$14.23	\$0.00	\$54.98
4	75	\$36.09	\$7.07	\$15.24	\$0.00	\$58.40
5	80	\$38.50	\$7.07	\$16.25	\$0.00	\$61.82
6	85	\$40.90	\$7.07	\$17.28	\$0.00	\$65.25
7	90	\$43.31	\$7.07	\$18.28	\$0.00	\$68.66
8	95	\$45.71	\$7.07	\$19.32	\$0.00	\$72.10

Notes:

Apprentice to Journeyworker Ratio:1:4

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	02/01/2023	\$48.76	\$11.49	\$20.37	\$0.00	\$80.62
BRICKLAYERS LOCAL 3 (SPRINGFIELD/PITTSFIELD)	08/01/2023	\$50.81	\$11.49	\$20.37	\$0.00	\$82.67
	02/01/2024	\$52.06	\$11.49	\$20.37	\$0.00	\$83.92
	08/01/2024	\$53.31	\$11.49	\$20.37	\$0.00	\$85.17
	02/01/2025	\$54.61	\$11.49	\$20.37	\$0.00	\$86.47
	08/01/2025	\$56.76	\$11.49	\$20.37	\$0.00	\$88.62
	02/01/2026	\$58.11	\$11.49	\$20.37	\$0.00	\$89.97
	08/01/2026	\$60.31	\$11.49	\$20.37	\$0.00	\$92.17
	02/01/2027	\$61.71	\$11.49	\$20.37	\$0.00	\$93.57

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - BRICK/PLASTER/CEMENT MASON - Local 3 Springfield/Pittsfield

Effective Date - 02/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.38	\$11.49	\$20.37	\$0.00	\$56.24
2	60	\$29.26	\$11.49	\$20.37	\$0.00	\$61.12
3	70	\$34.13	\$11.49	\$20.37	\$0.00	\$65.99
4	80	\$39.01	\$11.49	\$20.37	\$0.00	\$70.87
5	90	\$43.88	\$11.49	\$20.37	\$0.00	\$75.74

Effective Date - 08/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.41	\$11.49	\$20.37	\$0.00	\$57.27
2	60	\$30.49	\$11.49	\$20.37	\$0.00	\$62.35
3	70	\$35.57	\$11.49	\$20.37	\$0.00	\$67.43
4	80	\$40.65	\$11.49	\$20.37	\$0.00	\$72.51
5	90	\$45.73	\$11.49	\$20.37	\$0.00	\$77.59

Notes:

Apprentice to Journeyworker Ratio:1:5

BULLDOZER/POWER SHOVEL/TREE SHREDDER /CLAM SHELL OPERATING	12/01/2022	\$38.21	\$13.38	\$15.00	\$0.00	\$66.59
ENGINEERS LOCAL 98	06/01/2023	\$39.16	\$13.38	\$15.00	\$0.00	\$67.54
	12/01/2023	\$40.11	\$13.38	\$15.00	\$0.00	\$68.49

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CAISSON & UNDERPINNING BOTTOM MAN LABORERS - FOUNDATION AND MARINE	12/01/2022	\$43.73	\$9.35	\$17.97	\$0.00	\$71.05
	06/01/2023	\$44.73	\$9.35	\$17.97	\$0.00	\$72.05
	12/01/2023	\$45.98	\$9.35	\$17.97	\$0.00	\$73.30
	06/01/2024	\$47.46	\$9.35	\$17.97	\$0.00	\$74.78
	12/01/2024	\$48.93	\$9.35	\$17.97	\$0.00	\$76.25
	06/01/2025	\$50.43	\$9.35	\$17.97	\$0.00	\$77.75
	12/01/2025	\$51.93	\$9.35	\$17.97	\$0.00	\$79.25
	06/01/2026	\$53.48	\$9.35	\$17.97	\$0.00	\$80.80
	12/01/2026	\$54.98	\$9.35	\$17.97	\$0.00	\$82.30

For apprentice rates see "Apprentice- LABORER"

CAISSON & UNDERPINNING LABORER LABORERS - FOUNDATION AND MARINE	12/01/2022	\$42.58	\$9.35	\$17.97	\$0.00	\$69.90
	06/01/2023	\$43.58	\$9.35	\$17.97	\$0.00	\$70.90
	12/01/2023	\$44.83	\$9.35	\$17.97	\$0.00	\$72.15
	06/01/2024	\$46.31	\$9.35	\$17.97	\$0.00	\$73.63
	12/01/2024	\$47.78	\$9.35	\$17.97	\$0.00	\$75.10
	06/01/2025	\$49.28	\$9.35	\$17.97	\$0.00	\$76.60
	12/01/2025	\$50.78	\$9.35	\$17.97	\$0.00	\$78.10
	06/01/2026	\$52.33	\$9.35	\$17.97	\$0.00	\$79.65
	12/01/2026	\$53.83	\$9.35	\$17.97	\$0.00	\$81.15

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CAISSON & UNDERPINNING TOP MAN <i>LABORERS - FOUNDATION AND MARINE</i>	12/01/2022	\$42.58	\$9.35	\$17.97	\$0.00	\$69.90
	06/01/2023	\$43.58	\$9.35	\$17.97	\$0.00	\$70.90
	12/01/2023	\$44.83	\$9.35	\$17.97	\$0.00	\$72.15
	06/01/2024	\$46.31	\$9.35	\$17.97	\$0.00	\$73.63
	12/01/2024	\$47.78	\$9.35	\$17.97	\$0.00	\$75.10
	06/01/2025	\$49.28	\$9.35	\$17.97	\$0.00	\$76.60
	12/01/2025	\$50.78	\$9.35	\$17.97	\$0.00	\$78.10
	06/01/2026	\$52.33	\$9.35	\$17.97	\$0.00	\$79.65
	12/01/2026	\$53.83	\$9.35	\$17.97	\$0.00	\$81.15
For apprentice rates see "Apprentice- LABORER"						
CARBIDE CORE DRILL OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$33.88	\$9.10	\$16.19	\$0.00	\$59.17
	06/01/2023	\$34.50	\$9.10	\$16.19	\$0.00	\$59.79
	12/01/2023	\$35.13	\$9.10	\$16.19	\$0.00	\$60.42
For apprentice rates see "Apprentice- LABORER"						
CARPENTER <i>CARPENTERS LOCAL 336 - HAMPDEN HAMPSHIRE FRANKLIN</i>	03/01/2023	\$39.76	\$7.71	\$18.15	\$0.00	\$65.62

Apprentice - CARPENTER - Local 336 Hampden Hampshire Franklin

Effective Date - 03/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.88	\$7.71	\$1.38	\$0.00	\$28.97
2	60	\$23.86	\$7.71	\$1.38	\$0.00	\$32.95
3	70	\$27.83	\$7.71	\$13.95	\$0.00	\$49.49
4	75	\$29.82	\$7.71	\$13.95	\$0.00	\$51.48
5	80	\$31.81	\$7.71	\$15.35	\$0.00	\$54.87
6	80	\$31.81	\$7.71	\$15.35	\$0.00	\$54.87
7	90	\$35.78	\$7.71	\$16.75	\$0.00	\$60.24
8	90	\$35.78	\$7.71	\$16.75	\$0.00	\$60.24

Notes:

% Indentured After 10/1/17; 45/45/55/55/70/70/80/80

Step 1&2 \$26.46/ 3&4 \$31.82/ 5&6 \$50.38/ 7&8 \$55.77

Apprentice to Journeyworker Ratio:1:5

CARPENTER WOOD FRAME <i>CARPENTERS-ZONE 3 (Wood Frame)</i>	04/01/2023	\$24.16	\$7.21	\$4.80	\$0.00	\$36.17
All Aspects of New Wood Frame Work						

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - CARPENTER (Wood Frame) - Zone 3

Effective Date - 04/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$14.50	\$7.21	\$0.00	\$0.00	\$21.71
2	60	\$14.50	\$7.21	\$0.00	\$0.00	\$21.71
3	65	\$15.70	\$7.21	\$0.00	\$0.00	\$22.91
4	70	\$16.91	\$7.21	\$0.00	\$0.00	\$24.12
5	75	\$18.12	\$7.21	\$3.80	\$0.00	\$29.13
6	80	\$19.33	\$7.21	\$3.80	\$0.00	\$30.34
7	85	\$20.54	\$7.21	\$3.80	\$0.00	\$31.55
8	90	\$21.74	\$7.21	\$3.80	\$0.00	\$32.75

Notes:

% Indentured After 10/1/17; 45/45/55/55/70/70/80/80

Step 1&2 \$17.86/ 3&4 \$20.22/ 5&6 \$27.57/ 7&8 \$29.94

Apprentice to Journeyworker Ratio:1:5

CEMENT MASONRY/PLASTERING	01/01/2023	\$44.81	\$12.70	\$17.97	\$0.87	\$76.35
BRICKLAYERS LOCAL 3 (SPRINGFIELD/PITTSFIELD)	07/01/2023	\$45.82	\$12.70	\$17.97	\$0.87	\$77.36
	01/01/2024	\$46.83	\$12.70	\$17.97	\$0.87	\$78.37

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
Apprentice - CEMENT MASONRY/PLASTERING - Springfield/Pittsfield							
Effective Date - 01/01/2023							
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	50	\$22.41	\$12.70	\$15.49	\$0.00	\$50.60	
2	60	\$26.89	\$12.70	\$17.97	\$0.87	\$58.43	
3	65	\$29.13	\$12.70	\$17.97	\$0.87	\$60.67	
4	70	\$31.37	\$12.70	\$17.97	\$0.87	\$62.91	
5	75	\$33.61	\$12.70	\$17.97	\$0.87	\$65.15	
6	80	\$35.85	\$12.70	\$17.97	\$0.87	\$67.39	
7	90	\$40.33	\$12.70	\$17.97	\$0.87	\$71.87	
Effective Date - 07/01/2023							
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	50	\$22.91	\$12.70	\$15.49	\$0.00	\$51.10	
2	60	\$27.49	\$12.70	\$17.97	\$0.87	\$59.03	
3	65	\$29.78	\$12.70	\$17.97	\$0.87	\$61.32	
4	70	\$32.07	\$12.70	\$17.97	\$0.87	\$63.61	
5	75	\$34.37	\$12.70	\$17.97	\$0.87	\$65.91	
6	80	\$36.66	\$12.70	\$17.97	\$0.87	\$68.20	
7	90	\$41.24	\$12.70	\$17.97	\$0.87	\$72.78	
Notes:							
Steps 3,4 are 500 hrs. All other steps are 1,000 hrs.							
Apprentice to Journeyworker Ratio:1:3							
CHAIN SAW OPERATOR							
<i>LABORERS - ZONE 3 (BUILDING & SITE)</i>							
		12/01/2022	\$33.88	\$9.10	\$16.19	\$0.00	\$59.17
		06/01/2023	\$34.50	\$9.10	\$16.19	\$0.00	\$59.79
		12/01/2023	\$35.13	\$9.10	\$16.19	\$0.00	\$60.42
For apprentice rates see "Apprentice- LABORER"							
COMPRESSOR OPERATOR							
<i>OPERATING ENGINEERS LOCAL 98</i>							
		12/01/2022	\$37.68	\$13.38	\$15.00	\$0.00	\$66.06
		06/01/2023	\$38.63	\$13.38	\$15.00	\$0.00	\$67.01
		12/01/2023	\$39.58	\$13.38	\$15.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
CRANE OPERATOR							
<i>OPERATING ENGINEERS LOCAL 98</i>							
		12/01/2022	\$41.71	\$13.38	\$15.00	\$0.00	\$70.09
		06/01/2023	\$42.66	\$13.38	\$15.00	\$0.00	\$71.04
		12/01/2023	\$43.61	\$13.38	\$15.00	\$0.00	\$71.99
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
DELEADER (BRIDGE)							
<i>PAINTERS LOCAL 35 - ZONE 3</i>							
		01/01/2023	\$56.06	\$8.65	\$23.05	\$0.00	\$87.76
		07/01/2023	\$57.26	\$8.65	\$23.05	\$0.00	\$88.96
		01/01/2024	\$58.46	\$8.65	\$23.05	\$0.00	\$90.16
		07/01/2024	\$59.66	\$8.65	\$23.05	\$0.00	\$91.36
		01/01/2025	\$60.86	\$8.65	\$23.05	\$0.00	\$92.56

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$28.03	\$8.65	\$0.00	\$0.00	\$36.68
2	55	\$30.83	\$8.65	\$6.27	\$0.00	\$45.75
3	60	\$33.64	\$8.65	\$6.84	\$0.00	\$49.13
4	65	\$36.44	\$8.65	\$7.41	\$0.00	\$52.50
5	70	\$39.24	\$8.65	\$19.63	\$0.00	\$67.52
6	75	\$42.05	\$8.65	\$20.20	\$0.00	\$70.90
7	80	\$44.85	\$8.65	\$20.77	\$0.00	\$74.27
8	90	\$50.45	\$8.65	\$21.91	\$0.00	\$81.01

Effective Date - 07/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$28.63	\$8.65	\$0.00	\$0.00	\$37.28
2	55	\$31.49	\$8.65	\$6.27	\$0.00	\$46.41
3	60	\$34.36	\$8.65	\$6.84	\$0.00	\$49.85
4	65	\$37.22	\$8.65	\$7.41	\$0.00	\$53.28
5	70	\$40.08	\$8.65	\$19.63	\$0.00	\$68.36
6	75	\$42.95	\$8.65	\$20.20	\$0.00	\$71.80
7	80	\$45.81	\$8.65	\$20.77	\$0.00	\$75.23
8	90	\$51.53	\$8.65	\$21.91	\$0.00	\$82.09

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

DEMO: ADZEMAN	12/01/2022	\$43.33	\$9.10	\$17.57	\$0.00	\$70.00
<i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/01/2023	\$44.33	\$9.10	\$17.57	\$0.00	\$71.00
	12/01/2023	\$45.58	\$9.10	\$17.57	\$0.00	\$72.25
For apprentice rates see "Apprentice- LABORER"						
DEMO: BACKHOE/LOADER/HAMMER OPERATOR	12/01/2022	\$44.33	\$9.10	\$17.57	\$0.00	\$71.00
<i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/01/2023	\$45.33	\$9.10	\$17.57	\$0.00	\$72.00
	12/01/2023	\$46.58	\$9.10	\$17.57	\$0.00	\$73.25
For apprentice rates see "Apprentice- LABORER"						
DEMO: BURNERS	12/01/2022	\$44.08	\$9.10	\$17.57	\$0.00	\$70.75
<i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/01/2023	\$45.08	\$9.10	\$17.57	\$0.00	\$71.75
	12/01/2023	\$46.33	\$9.10	\$17.57	\$0.00	\$73.00
For apprentice rates see "Apprentice- LABORER"						
DEMO: CONCRETE CUTTER/SAWYER	12/01/2022	\$44.33	\$9.10	\$17.57	\$0.00	\$71.00
<i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/01/2023	\$45.33	\$9.10	\$17.57	\$0.00	\$72.00
	12/01/2023	\$46.58	\$9.10	\$17.57	\$0.00	\$73.25
For apprentice rates see "Apprentice- LABORER"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DEMO: JACKHAMMER OPERATOR LABORERS - ZONE 3 (BUILDING & SITE)	12/01/2022	\$44.08	\$9.10	\$17.57	\$0.00	\$70.75
	06/01/2023	\$45.08	\$9.10	\$17.57	\$0.00	\$71.75
	12/01/2023	\$46.33	\$9.10	\$17.57	\$0.00	\$73.00
For apprentice rates see "Apprentice- LABORER"						
DEMO: WRECKING LABORER LABORERS - ZONE 3 (BUILDING & SITE)	12/01/2022	\$43.33	\$9.10	\$17.57	\$0.00	\$70.00
	06/01/2023	\$44.33	\$9.10	\$17.57	\$0.00	\$71.00
	12/01/2023	\$45.58	\$9.10	\$17.57	\$0.00	\$72.25
For apprentice rates see "Apprentice- LABORER"						
DIVER PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2020	\$68.70	\$9.40	\$23.12	\$0.00	\$101.22
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2020	\$49.07	\$9.40	\$23.12	\$0.00	\$81.59
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2020	\$73.60	\$9.40	\$23.12	\$0.00	\$106.12
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER/SLURRY (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2020	\$103.05	\$9.40	\$23.12	\$0.00	\$135.57
For apprentice rates see "Apprentice- PILE DRIVER"						
DRAWBRIDGE OPERATOR (Construction) DRAWBRIDGE - SEIU LOCAL 888	07/01/2020	\$26.77	\$6.67	\$3.93	\$0.16	\$37.53
ELECTRICIAN (Including Core Drilling) ELECTRICIANS LOCAL 7	01/01/2023	\$47.01	\$12.50	\$13.96	\$0.00	\$73.47

Apprentice - ELECTRICIAN - Local 7

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$18.80	\$7.50	\$0.56	\$0.00	\$26.86
2	45	\$21.15	\$7.50	\$0.63	\$0.00	\$29.28
3	50	\$23.51	\$12.50	\$7.26	\$0.00	\$43.27
4	55	\$25.86	\$12.50	\$7.33	\$0.00	\$45.69
5	65	\$30.56	\$12.50	\$9.27	\$0.00	\$52.33
6	70	\$32.91	\$12.50	\$10.54	\$0.00	\$55.95

Notes:

Steps 1-2 are 1000 hrs; Steps 3-6 are 1500 hrs.

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

ELEVATOR CONSTRUCTOR ELEVATOR CONSTRUCTORS LOCAL 41	01/01/2023	\$61.13	\$16.08	\$20.56	\$0.00	\$97.77
	01/01/2024	\$61.98	\$16.18	\$20.96	\$0.00	\$99.12
	01/01/2025	\$62.83	\$16.28	\$21.36	\$0.00	\$100.47
	01/01/2026	\$63.68	\$16.38	\$21.76	\$0.00	\$101.82
	01/01/2027	\$64.53	\$16.48	\$22.16	\$0.00	\$103.17

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - ELEVATOR CONSTRUCTOR - Local 41

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$30.57	\$16.08	\$0.00	\$0.00	\$46.65
2	55	\$33.62	\$16.08	\$20.56	\$0.00	\$70.26
3	65	\$39.73	\$16.08	\$20.56	\$0.00	\$76.37
4	70	\$42.79	\$16.08	\$20.56	\$0.00	\$79.43
5	80	\$48.90	\$16.08	\$20.56	\$0.00	\$85.54

Effective Date - 01/01/2024

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$30.99	\$16.18	\$0.00	\$0.00	\$47.17
2	55	\$34.09	\$16.18	\$20.96	\$0.00	\$71.23
3	65	\$40.29	\$16.18	\$20.96	\$0.00	\$77.43
4	70	\$43.39	\$16.18	\$20.96	\$0.00	\$80.53
5	80	\$49.58	\$16.18	\$20.96	\$0.00	\$86.72

Notes:

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

Apprentice to Journeyworker Ratio:1:1

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
ELEVATOR CONSTRUCTOR HELPER ELEVATOR CONSTRUCTORS LOCAL 41	01/01/2023	\$42.79	\$16.08	\$20.56	\$0.00	\$79.43
	01/01/2024	\$43.39	\$16.18	\$20.96	\$0.00	\$80.53
	01/01/2025	\$43.98	\$16.28	\$21.36	\$0.00	\$81.62
	01/01/2026	\$44.58	\$16.38	\$21.76	\$0.00	\$82.72
	01/01/2027	\$45.17	\$16.48	\$22.16	\$0.00	\$83.81

For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FENCE & GUARD RAIL ERECTOR (HEAVY & HIGHWAY) LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/01/2022	\$33.25	\$9.35	\$14.41	\$0.00	\$57.01
	06/01/2023	\$33.87	\$9.35	\$14.41	\$0.00	\$57.63
	12/01/2023	\$34.50	\$9.35	\$14.41	\$0.00	\$58.26
	06/01/2024	\$35.70	\$9.35	\$14.41	\$0.00	\$59.46
	12/01/2024	\$36.90	\$9.35	\$14.41	\$0.00	\$60.66
	06/01/2025	\$38.15	\$9.35	\$14.41	\$0.00	\$61.91
	12/01/2025	\$39.39	\$9.35	\$14.41	\$0.00	\$63.15
	06/01/2026	\$40.69	\$9.35	\$14.41	\$0.00	\$64.45
	12/01/2026	\$41.98	\$9.35	\$14.41	\$0.00	\$65.74

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FIELD ENG.INST/ROD-BLDG,SITE,HVY/HWY OPERATING ENGINEERS LOCAL 98	06/01/1999	\$18.84	\$4.80	\$4.10	\$0.00	\$27.74
FIELD ENG.PARTY CHIEF:BLDG,SITE,HVY/HWY OPERATING ENGINEERS LOCAL 98	06/01/1999	\$21.33	\$4.80	\$4.10	\$0.00	\$30.23
FIELD ENG.SURVEY CHIEF-BLDG,SITE,HVY/HWY OPERATING ENGINEERS LOCAL 98	06/01/1999	\$22.33	\$4.80	\$4.10	\$0.00	\$31.23
FIRE ALARM INSTALLER ELECTRICIANS LOCAL 7	01/01/2023	\$47.01	\$12.50	\$13.96	\$0.00	\$73.47

For apprentice rates see "Apprentice- ELECTRICIAN"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FIRE ALARM REPAIR / MAINTENANCE / COMMISSIONINGELECTRICIANS	01/01/2023	\$47.01	\$12.50	\$13.96	\$0.00	\$73.47
<i>LOCAL 7</i>						
For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"						
FIREMAN	12/01/2022	\$37.68	\$13.38	\$15.00	\$0.00	\$66.06
OPERATING ENGINEERS LOCAL 98	06/01/2023	\$38.63	\$13.38	\$15.00	\$0.00	\$67.01
	12/01/2023	\$39.58	\$13.38	\$15.00	\$0.00	\$67.96

Apprentice - OPERATING ENGINEERS - Local 98 Class 3

Effective Date - 12/01/2022

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$22.61	\$12.47	\$14.50	\$0.00	\$49.58
2	70	\$26.38	\$12.47	\$14.50	\$0.00	\$53.35
3	80	\$30.14	\$12.47	\$14.50	\$0.00	\$57.11
4	90	\$33.91	\$12.47	\$14.50	\$0.00	\$60.88

Effective Date - 06/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$23.18	\$12.47	\$14.50	\$0.00	\$50.15
2	70	\$27.04	\$12.47	\$14.50	\$0.00	\$54.01
3	80	\$30.90	\$12.47	\$14.50	\$0.00	\$57.87
4	90	\$34.77	\$12.47	\$14.50	\$0.00	\$61.74

Notes:

Steps 1-2 are 1000 hrs.; Steps 3-4 are 2000 hrs.

Apprentice to Journeyworker Ratio:1:6

FLAGGER & SIGNALER (HEAVY & HIGHWAY) LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/01/2022	\$25.23	\$9.35	\$14.41	\$0.00	\$48.99
	06/01/2023	\$25.98	\$9.35	\$14.41	\$0.00	\$49.74
	12/01/2023	\$25.98	\$9.35	\$14.41	\$0.00	\$49.74
	06/01/2024	\$27.01	\$9.35	\$14.41	\$0.00	\$50.77
	12/01/2024	\$27.01	\$9.35	\$14.41	\$0.00	\$50.77
	06/01/2025	\$28.09	\$9.35	\$14.41	\$0.00	\$51.85
	12/01/2025	\$28.09	\$9.35	\$14.41	\$0.00	\$51.85
	06/01/2026	\$29.21	\$9.35	\$14.41	\$0.00	\$52.97
	12/01/2026	\$29.21	\$9.35	\$14.41	\$0.00	\$52.97

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)

FLOORCOVERER FLOORCOVERERS LOCAL 2168 ZONE III	03/01/2022	\$39.66	\$7.71	\$18.15	\$0.00	\$65.52
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Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - FLOORCOVERER - Local 2168 Zone III

Effective Date - 03/01/2022

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.83	\$7.71	\$1.40	\$0.00	\$28.94
2	55	\$21.81	\$7.71	\$1.40	\$0.00	\$30.92
3	60	\$23.80	\$7.71	\$13.95	\$0.00	\$45.46
4	65	\$25.78	\$7.71	\$13.95	\$0.00	\$47.44
5	70	\$27.76	\$7.71	\$15.35	\$0.00	\$50.82
6	75	\$29.75	\$7.71	\$15.35	\$0.00	\$52.81
7	80	\$31.73	\$7.71	\$16.75	\$0.00	\$56.19
8	85	\$33.71	\$7.71	\$16.75	\$0.00	\$58.17

Notes: Steps are 750 hrs.

% After 10/1/17; 45/45/55/55/70/70/80/80 (1500hr Steps)

Step 1&2 \$26.21/ 3&4 \$31.49/ 5&6 \$49.96/ 7&8 \$55.29

Apprentice to Journeyworker Ratio:1:1

FORK LIFT <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$37.90	\$13.38	\$15.00	\$0.00	\$66.28
	06/01/2023	\$38.85	\$13.38	\$15.00	\$0.00	\$67.23
	12/01/2023	\$39.80	\$13.38	\$15.00	\$0.00	\$68.18

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GENERATORS/LIGHTING PLANTS <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$34.45	\$13.38	\$15.00	\$0.00	\$62.83
	06/01/2023	\$35.40	\$13.38	\$15.00	\$0.00	\$63.78
	12/01/2023	\$36.35	\$13.38	\$15.00	\$0.00	\$64.73

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) <i>GLAZIERS LOCAL 1333</i>	06/01/2020	\$39.18	\$10.80	\$10.45	\$0.00	\$60.43
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Apprentice - GLAZIER - Local 1333

Effective Date - 06/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.59	\$10.80	\$1.80	\$0.00	\$32.19
2	56	\$22.04	\$10.80	\$1.80	\$0.00	\$34.64
3	63	\$24.49	\$10.80	\$2.45	\$0.00	\$37.74
4	69	\$26.94	\$10.80	\$2.45	\$0.00	\$40.19
5	75	\$29.39	\$10.80	\$3.15	\$0.00	\$43.34
6	81	\$31.83	\$10.80	\$3.15	\$0.00	\$45.78
7	88	\$34.28	\$10.80	\$10.45	\$0.00	\$55.53
8	94	\$36.73	\$10.80	\$10.45	\$0.00	\$57.98

Notes:

Apprentice to Journeyworker Ratio:1:3

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
GRADER/TRENCHING MACHINE/DERRICK <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$38.21	\$13.38	\$15.00	\$0.00	\$66.59
	06/01/2023	\$39.16	\$13.38	\$15.00	\$0.00	\$67.54
	12/01/2023	\$40.11	\$13.38	\$15.00	\$0.00	\$68.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
HVAC (DUCTWORK) <i>SHEETMETAL WORKERS LOCAL 63</i>	01/01/2023	\$41.30	\$10.64	\$17.54	\$2.05	\$71.53
	07/01/2023	\$42.55	\$10.64	\$17.54	\$2.05	\$72.78
	01/01/2024	\$43.80	\$10.64	\$17.54	\$2.05	\$74.03
	07/01/2024	\$45.05	\$10.64	\$17.54	\$2.05	\$75.28
	01/01/2025	\$46.30	\$10.64	\$17.54	\$2.05	\$76.53
For apprentice rates see "Apprentice- SHEET METAL WORKER"						
HVAC (ELECTRICAL CONTROLS) <i>ELECTRICIANS LOCAL 7</i>	01/01/2023	\$47.01	\$12.50	\$13.96	\$0.00	\$73.47
For apprentice rates see "Apprentice- ELECTRICIAN"						
HVAC (TESTING AND BALANCING - AIR) <i>SHEETMETAL WORKERS LOCAL 63</i>	01/01/2023	\$41.30	\$10.64	\$17.54	\$2.05	\$71.53
	07/01/2023	\$42.55	\$10.64	\$17.54	\$2.05	\$72.78
	01/01/2024	\$43.80	\$10.64	\$17.54	\$2.05	\$74.03
	07/01/2024	\$45.05	\$10.64	\$17.54	\$2.05	\$75.28
	01/01/2025	\$46.30	\$10.64	\$17.54	\$2.05	\$76.53
For apprentice rates see "Apprentice- SHEET METAL WORKER"						
HVAC (TESTING AND BALANCING -WATER) <i>PLUMBERS & PIPEFITTERS LOCAL 104</i>	03/17/2023	\$46.96	\$9.55	\$17.10	\$0.00	\$73.61
	09/17/2023	\$47.96	\$9.55	\$17.10	\$0.00	\$74.61
	03/17/2024	\$49.21	\$9.55	\$17.10	\$0.00	\$75.86
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HVAC MECHANIC <i>PLUMBERS & PIPEFITTERS LOCAL 104</i>	03/17/2023	\$46.96	\$9.55	\$17.10	\$0.00	\$73.61
	09/17/2023	\$47.96	\$9.55	\$17.10	\$0.00	\$74.61
	03/17/2024	\$49.21	\$9.55	\$17.10	\$0.00	\$75.86
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HYDRAULIC DRILLS (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	12/01/2022	\$33.75	\$9.35	\$14.41	\$0.00	\$57.51
	06/01/2023	\$34.37	\$9.35	\$14.41	\$0.00	\$58.13
	12/01/2023	\$35.00	\$9.35	\$14.41	\$0.00	\$58.76
	06/01/2024	\$36.20	\$9.35	\$14.41	\$0.00	\$59.96
	12/01/2024	\$37.40	\$9.35	\$14.41	\$0.00	\$61.16
	06/01/2025	\$38.65	\$9.35	\$14.41	\$0.00	\$62.41
	12/01/2025	\$39.89	\$9.35	\$14.41	\$0.00	\$63.65
	06/01/2026	\$41.19	\$9.35	\$14.41	\$0.00	\$64.95
12/01/2026	\$42.48	\$9.35	\$14.41	\$0.00	\$66.24	
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
INSULATOR (PIPES & TANKS) <i>HEAT & FROST INSULATORS LOCAL 6 (SPRINGFIELD)</i>	09/01/2022	\$44.05	\$13.80	\$17.14	\$0.00	\$74.99

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

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

Effective Date - 09/01/2022

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.03	\$13.80	\$12.42	\$0.00	\$48.25
2	60	\$26.43	\$13.80	\$13.36	\$0.00	\$53.59
3	70	\$30.84	\$13.80	\$14.31	\$0.00	\$58.95
4	80	\$35.24	\$13.80	\$15.25	\$0.00	\$64.29

Notes:

Steps are 1 year

Apprentice to Journeyworker Ratio:1:4

IRONWORKER/WELDER	03/16/2023	\$38.91	\$8.25	\$22.70	\$0.00	\$69.86
<i>IRONWORKERS LOCAL 7 (SPRINGFIELD AREA)</i>	09/16/2023	\$39.81	\$8.25	\$22.70	\$0.00	\$70.76
	03/16/2024	\$40.66	\$8.25	\$22.70	\$0.00	\$71.61

Apprentice - IRONWORKER - Local 7 Springfield

Effective Date - 03/16/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$23.35	\$8.25	\$22.70	\$0.00	\$54.30
2	70	\$27.24	\$8.25	\$22.70	\$0.00	\$58.19
3	75	\$29.18	\$8.25	\$22.70	\$0.00	\$60.13
4	80	\$31.13	\$8.25	\$22.70	\$0.00	\$62.08
5	85	\$33.07	\$8.25	\$22.70	\$0.00	\$64.02
6	90	\$35.02	\$8.25	\$22.70	\$0.00	\$65.97

Effective Date - 09/16/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$23.89	\$8.25	\$22.70	\$0.00	\$54.84
2	70	\$27.87	\$8.25	\$22.70	\$0.00	\$58.82
3	75	\$29.86	\$8.25	\$22.70	\$0.00	\$60.81
4	80	\$31.85	\$8.25	\$22.70	\$0.00	\$62.80
5	85	\$33.84	\$8.25	\$22.70	\$0.00	\$64.79
6	90	\$35.83	\$8.25	\$22.70	\$0.00	\$66.78

Notes:

Apprentice to Journeyworker Ratio:1:4

JACKHAMMER & PAVING BREAKER OPERATOR	12/01/2022	\$33.88	\$9.10	\$16.19	\$0.00	\$59.17
<i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/01/2023	\$34.50	\$9.10	\$16.19	\$0.00	\$59.79
	12/01/2023	\$35.13	\$9.10	\$16.19	\$0.00	\$60.42

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER	12/01/2022	\$33.63	\$9.10	\$16.19	\$0.00	\$58.92
LABORERS - ZONE 3 (BUILDING & SITE)	06/01/2023	\$34.25	\$9.10	\$16.19	\$0.00	\$59.54
	12/01/2023	\$34.88	\$9.10	\$16.19	\$0.00	\$60.17

Apprentice - LABORER - Zone 3 Building & Site

Effective Date - 12/01/2022

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$20.18	\$9.10	\$16.19	\$0.00	\$45.47
2	70	\$23.54	\$9.10	\$16.19	\$0.00	\$48.83
3	80	\$26.90	\$9.10	\$16.19	\$0.00	\$52.19
4	90	\$30.27	\$9.10	\$16.19	\$0.00	\$55.56

Effective Date - 06/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$20.55	\$9.10	\$16.19	\$0.00	\$45.84
2	70	\$23.98	\$9.10	\$16.19	\$0.00	\$49.27
3	80	\$27.40	\$9.10	\$16.19	\$0.00	\$52.69
4	90	\$30.83	\$9.10	\$16.19	\$0.00	\$56.12

Notes:

Apprentice to Journeyworker Ratio:1:5

LABORER (HEAVY & HIGHWAY)	12/01/2022	\$33.00	\$9.35	\$14.41	\$0.00	\$56.76
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	06/01/2023	\$33.62	\$9.35	\$14.41	\$0.00	\$57.38
	12/01/2023	\$34.25	\$9.35	\$14.41	\$0.00	\$58.01
	06/01/2024	\$35.45	\$9.35	\$14.41	\$0.00	\$59.21
	12/01/2024	\$36.65	\$9.35	\$14.41	\$0.00	\$60.41
	06/01/2025	\$37.90	\$9.35	\$14.41	\$0.00	\$61.66
	12/01/2025	\$39.14	\$9.35	\$14.41	\$0.00	\$62.90
	06/01/2026	\$40.44	\$9.35	\$14.41	\$0.00	\$64.20
	12/01/2026	\$41.73	\$9.35	\$14.41	\$0.00	\$65.49

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - LABORER (Heavy & Highway) - Zone 3

Effective Date - 12/01/2022

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.80	\$9.35	\$14.41	\$0.00	\$43.56
2	70	\$23.10	\$9.35	\$14.41	\$0.00	\$46.86
3	80	\$26.40	\$9.35	\$14.41	\$0.00	\$50.16
4	90	\$29.70	\$9.35	\$14.41	\$0.00	\$53.46

Effective Date - 06/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$20.17	\$9.35	\$14.41	\$0.00	\$43.93
2	70	\$23.53	\$9.35	\$14.41	\$0.00	\$47.29
3	80	\$26.90	\$9.35	\$14.41	\$0.00	\$50.66
4	90	\$30.26	\$9.35	\$14.41	\$0.00	\$54.02

Notes:

Apprentice to Journeyworker Ratio:1:5

LABORER: CARPENTER TENDER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$33.63	\$9.10	\$16.19	\$0.00	\$58.92
	06/01/2023	\$34.25	\$9.10	\$16.19	\$0.00	\$59.54
	12/01/2023	\$34.88	\$9.10	\$16.19	\$0.00	\$60.17

For apprentice rates see "Apprentice- LABORER"

LABORER: CEMENT FINISHER TENDER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$33.63	\$9.10	\$16.19	\$0.00	\$58.92
	06/01/2023	\$34.25	\$9.10	\$16.19	\$0.00	\$59.54
	12/01/2023	\$34.88	\$9.10	\$16.19	\$0.00	\$60.17

For apprentice rates see "Apprentice- LABORER"

LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$33.48	\$9.10	\$16.44	\$0.00	\$59.02
	06/01/2023	\$34.10	\$9.10	\$16.44	\$0.00	\$59.64
	12/01/2023	\$34.73	\$9.10	\$16.44	\$0.00	\$60.27

For apprentice rates see "Apprentice- LABORER"

LABORER: MASON TENDER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$34.63	\$9.10	\$16.19	\$0.00	\$59.92
	06/01/2023	\$35.25	\$9.10	\$16.19	\$0.00	\$60.54
	12/01/2023	\$35.88	\$9.10	\$16.19	\$0.00	\$61.17

For apprentice rates see "Apprentice- LABORER"

LABORER: MASON TENDER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	12/01/2022	\$33.25	\$9.35	\$14.41	\$0.00	\$57.01
	06/01/2023	\$33.87	\$9.35	\$14.41	\$0.00	\$57.63
	12/01/2023	\$34.50	\$9.35	\$14.41	\$0.00	\$58.26
	06/01/2024	\$35.70	\$9.35	\$14.41	\$0.00	\$59.46
	12/01/2024	\$36.90	\$9.35	\$14.41	\$0.00	\$60.66
	06/01/2025	\$38.15	\$9.35	\$14.41	\$0.00	\$61.91
	12/01/2025	\$39.39	\$9.35	\$14.41	\$0.00	\$63.15
	06/01/2026	\$40.69	\$9.35	\$14.41	\$0.00	\$64.45
	12/01/2026	\$41.98	\$9.35	\$14.41	\$0.00	\$65.74

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: MULTI-TRADE TENDER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$33.63	\$9.10	\$16.19	\$0.00	\$58.92
	06/01/2023	\$34.25	\$9.10	\$16.19	\$0.00	\$59.54
	12/01/2023	\$34.88	\$9.10	\$16.19	\$0.00	\$60.17
For apprentice rates see "Apprentice- LABORER"						
LABORER: TREE REMOVER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$33.63	\$9.10	\$16.19	\$0.00	\$58.92
	06/01/2023	\$34.25	\$9.10	\$16.19	\$0.00	\$59.54
	12/01/2023	\$34.88	\$9.10	\$16.19	\$0.00	\$60.17
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 3 (BUILDING & SITE)</i>	12/01/2022	\$33.88	\$9.10	\$16.19	\$0.00	\$59.17
	06/01/2023	\$34.50	\$9.10	\$16.19	\$0.00	\$59.79
	12/01/2023	\$35.13	\$9.10	\$16.19	\$0.00	\$60.42
For apprentice rates see "Apprentice- LABORER"						
LASER BEAM OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	12/01/2022	\$33.25	\$9.35	\$14.41	\$0.00	\$57.01
	06/01/2023	\$33.87	\$9.35	\$14.41	\$0.00	\$57.63
	12/01/2023	\$34.50	\$9.35	\$14.41	\$0.00	\$58.26
	06/01/2024	\$35.70	\$9.35	\$14.41	\$0.00	\$59.46
	12/01/2024	\$36.90	\$9.35	\$14.41	\$0.00	\$60.66
	06/01/2025	\$38.15	\$9.35	\$14.41	\$0.00	\$61.91
	12/01/2025	\$39.39	\$9.35	\$14.41	\$0.00	\$63.15
	06/01/2026	\$40.69	\$9.35	\$14.41	\$0.00	\$64.45
	12/01/2026	\$41.98	\$9.35	\$14.41	\$0.00	\$65.74
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
MARBLE & TILE FINISHERS <i>BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE</i>	02/01/2023	\$39.73	\$11.49	\$19.53	\$0.00	\$70.75
	08/01/2023	\$41.37	\$11.49	\$19.53	\$0.00	\$72.39
	02/01/2024	\$42.37	\$11.49	\$19.53	\$0.00	\$73.39
	08/01/2024	\$44.05	\$11.49	\$19.53	\$0.00	\$75.07
	02/01/2025	\$45.90	\$11.49	\$19.53	\$0.00	\$76.92
	08/01/2025	\$46.81	\$11.49	\$19.53	\$0.00	\$77.83
	02/01/2026	\$47.89	\$11.49	\$19.53	\$0.00	\$78.91
	08/01/2026	\$49.65	\$11.49	\$19.53	\$0.00	\$80.67
	02/01/2027	\$50.77	\$11.49	\$19.53	\$0.00	\$81.79

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - MARBLE-TILE FINISHER-Local 3 Marble/Tile (Spr/Pitt)

Effective Date - 02/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.87	\$11.49	\$19.53	\$0.00	\$50.89
2	60	\$23.84	\$11.49	\$19.53	\$0.00	\$54.86
3	70	\$27.81	\$11.49	\$19.53	\$0.00	\$58.83
4	80	\$31.78	\$11.49	\$19.53	\$0.00	\$62.80
5	90	\$35.76	\$11.49	\$19.53	\$0.00	\$66.78

Effective Date - 08/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.69	\$11.49	\$19.53	\$0.00	\$51.71
2	60	\$24.82	\$11.49	\$19.53	\$0.00	\$55.84
3	70	\$28.96	\$11.49	\$19.53	\$0.00	\$59.98
4	80	\$33.10	\$11.49	\$19.53	\$0.00	\$64.12
5	90	\$37.23	\$11.49	\$19.53	\$0.00	\$68.25

Notes:

Apprentice to Journeyworker Ratio:1:5

MARBLE MASON/TILE LAYER(SP/PT)SeeBrick
BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE

See "BRICK/STONE/ARTIFICIAL MASONRY(INCL.MASONRY WATERPROOFING)

MECH. SWEEPER OPERATOR (ON CONST. SITES) OPERATING ENGINEERS LOCAL 98	12/01/2022	\$38.21	\$13.38	\$15.00	\$0.00	\$66.59
	06/01/2023	\$39.16	\$13.38	\$15.00	\$0.00	\$67.54
	12/01/2023	\$40.11	\$13.38	\$15.00	\$0.00	\$68.49

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MECHANIC/WELDER/BOOM TRUCK OPERATING ENGINEERS LOCAL 98	12/01/2022	\$37.68	\$13.38	\$15.00	\$0.00	\$66.06
	06/01/2023	\$38.63	\$13.38	\$15.00	\$0.00	\$67.01
	12/01/2023	\$39.58	\$13.38	\$15.00	\$0.00	\$67.96

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MILLWRIGHT (Zone 3) MILLWRIGHTS LOCAL 1121 - Zone 3	01/02/2023	\$40.16	\$8.58	\$21.57	\$0.00	\$70.31
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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - MILLWRIGHT - Local 1121 Zone 3

Effective Date - 01/02/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$22.09	\$8.58	\$5.72	\$0.00	\$36.39
2	65	\$26.10	\$8.58	\$17.93	\$0.00	\$52.61
3	75	\$30.12	\$8.58	\$18.98	\$0.00	\$57.68
4	85	\$34.14	\$8.58	\$20.01	\$0.00	\$62.73

Notes: Step 1&2 Appr. indentured after 1/6/2020 receive no pension, but do receive annuity. (Step 1 \$5.72, Step 2 \$6.66)
Steps are 2,000 hours

Apprentice to Journeyworker Ratio:1:4

MORTAR MIXER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$33.88	\$9.10	\$16.19	\$0.00	\$59.17
	06/01/2023	\$34.50	\$9.10	\$16.19	\$0.00	\$59.79
	12/01/2023	\$35.13	\$9.10	\$16.19	\$0.00	\$60.42

For apprentice rates see "Apprentice- LABORER"

OILER <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$33.37	\$13.38	\$15.00	\$0.00	\$61.75
	06/01/2023	\$34.32	\$13.38	\$15.00	\$0.00	\$62.70
	12/01/2023	\$35.27	\$13.38	\$15.00	\$0.00	\$63.65

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OTHER POWER DRIVEN EQUIPMENT - CLASS VI <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$32.80	\$12.47	\$14.50	\$0.00	\$59.77
	06/01/2023	\$33.75	\$12.47	\$14.50	\$0.00	\$60.72
	12/01/2023	\$34.70	\$12.47	\$14.50	\$0.00	\$61.67

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

PAINTER (BRIDGES/TANKS) <i>PAINTERS LOCAL 35 - ZONE 3</i>	01/01/2023	\$56.06	\$8.65	\$23.05	\$0.00	\$87.76
	07/01/2023	\$57.26	\$8.65	\$23.05	\$0.00	\$88.96
	01/01/2024	\$58.46	\$8.65	\$23.05	\$0.00	\$90.16
	07/01/2024	\$59.66	\$8.65	\$23.05	\$0.00	\$91.36
	01/01/2025	\$60.86	\$8.65	\$23.05	\$0.00	\$92.56

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$28.03	\$8.65	\$0.00	\$0.00	\$36.68
2	55	\$30.83	\$8.65	\$6.27	\$0.00	\$45.75
3	60	\$33.64	\$8.65	\$6.84	\$0.00	\$49.13
4	65	\$36.44	\$8.65	\$7.41	\$0.00	\$52.50
5	70	\$39.24	\$8.65	\$19.63	\$0.00	\$67.52
6	75	\$42.05	\$8.65	\$20.20	\$0.00	\$70.90
7	80	\$44.85	\$8.65	\$20.77	\$0.00	\$74.27
8	90	\$50.45	\$8.65	\$21.91	\$0.00	\$81.01

Effective Date - 07/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$28.63	\$8.65	\$0.00	\$0.00	\$37.28
2	55	\$31.49	\$8.65	\$6.27	\$0.00	\$46.41
3	60	\$34.36	\$8.65	\$6.84	\$0.00	\$49.85
4	65	\$37.22	\$8.65	\$7.41	\$0.00	\$53.28
5	70	\$40.08	\$8.65	\$19.63	\$0.00	\$68.36
6	75	\$42.95	\$8.65	\$20.20	\$0.00	\$71.80
7	80	\$45.81	\$8.65	\$20.77	\$0.00	\$75.23
8	90	\$51.53	\$8.65	\$21.91	\$0.00	\$82.09

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	01/01/2023	\$38.93	\$8.65	\$19.15	\$0.00	\$66.73
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 3	07/01/2023	\$39.98	\$8.65	\$19.15	\$0.00	\$67.78
	01/01/2024	\$41.08	\$8.65	\$19.15	\$0.00	\$68.88
	07/01/2024	\$42.13	\$8.65	\$19.15	\$0.00	\$69.93
	01/01/2025	\$43.23	\$8.65	\$19.15	\$0.00	\$71.03

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PAINTER Local 35 Zone 3 - Spray/Sandblast - New

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.47	\$8.65	\$0.00	\$0.00	\$28.12
2	55	\$21.41	\$8.65	\$4.13	\$0.00	\$34.19
3	60	\$23.36	\$8.65	\$4.50	\$0.00	\$36.51
4	65	\$25.30	\$8.65	\$4.88	\$0.00	\$38.83
5	70	\$27.25	\$8.65	\$16.90	\$0.00	\$52.80
6	75	\$29.20	\$8.65	\$17.28	\$0.00	\$55.13
7	80	\$31.14	\$8.65	\$17.65	\$0.00	\$57.44
8	90	\$35.04	\$8.65	\$18.40	\$0.00	\$62.09

Effective Date - 07/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.99	\$8.65	\$0.00	\$0.00	\$28.64
2	55	\$21.99	\$8.65	\$4.13	\$0.00	\$34.77
3	60	\$23.99	\$8.65	\$4.50	\$0.00	\$37.14
4	65	\$25.99	\$8.65	\$4.88	\$0.00	\$39.52
5	70	\$27.99	\$8.65	\$16.90	\$0.00	\$53.54
6	75	\$29.99	\$8.65	\$17.28	\$0.00	\$55.92
7	80	\$31.98	\$8.65	\$17.65	\$0.00	\$58.28
8	90	\$35.98	\$8.65	\$18.40	\$0.00	\$63.03

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, REPAINT)	01/01/2023	\$36.25	\$8.65	\$19.15	\$0.00	\$64.05
PAINTERS LOCAL 35 - ZONE 3	07/01/2023	\$37.30	\$8.65	\$19.15	\$0.00	\$65.10
	01/01/2024	\$38.40	\$8.65	\$19.15	\$0.00	\$66.20
	07/01/2024	\$39.45	\$8.65	\$19.15	\$0.00	\$67.25
	01/01/2025	\$40.55	\$8.65	\$19.15	\$0.00	\$68.35

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PAINTER Local 35 Zone 3 - Spray/Sandblast - Repaint

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.13	\$8.65	\$0.00	\$0.00	\$26.78
2	55	\$19.94	\$8.65	\$4.13	\$0.00	\$32.72
3	60	\$21.75	\$8.65	\$4.50	\$0.00	\$34.90
4	65	\$23.56	\$8.65	\$4.88	\$0.00	\$37.09
5	70	\$25.38	\$8.65	\$16.90	\$0.00	\$50.93
6	75	\$27.19	\$8.65	\$17.28	\$0.00	\$53.12
7	80	\$29.00	\$8.65	\$17.65	\$0.00	\$55.30
8	90	\$32.63	\$8.65	\$18.40	\$0.00	\$59.68

Effective Date - 07/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.65	\$8.65	\$0.00	\$0.00	\$27.30
2	55	\$20.52	\$8.65	\$4.13	\$0.00	\$33.30
3	60	\$22.38	\$8.65	\$4.50	\$0.00	\$35.53
4	65	\$24.25	\$8.65	\$4.88	\$0.00	\$37.78
5	70	\$26.11	\$8.65	\$16.90	\$0.00	\$51.66
6	75	\$27.98	\$8.65	\$17.28	\$0.00	\$53.91
7	80	\$29.84	\$8.65	\$17.65	\$0.00	\$56.14
8	90	\$33.57	\$8.65	\$18.40	\$0.00	\$60.62

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER / TAPER (BRUSH, NEW) *	01/01/2023	\$37.53	\$8.65	\$19.15	\$0.00	\$65.33
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 3	07/01/2023	\$38.58	\$8.65	\$19.15	\$0.00	\$66.38
	01/01/2024	\$39.68	\$8.65	\$19.15	\$0.00	\$67.48
	07/01/2024	\$40.73	\$8.65	\$19.15	\$0.00	\$68.53
	01/01/2025	\$41.83	\$8.65	\$19.15	\$0.00	\$69.63

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PAINTER - Local 35 Zone 3 - BRUSH NEW

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.77	\$8.65	\$0.00	\$0.00	\$27.42
2	55	\$20.64	\$8.65	\$4.13	\$0.00	\$33.42
3	60	\$22.52	\$8.65	\$4.50	\$0.00	\$35.67
4	65	\$24.39	\$8.65	\$4.88	\$0.00	\$37.92
5	70	\$26.27	\$8.65	\$16.90	\$0.00	\$51.82
6	75	\$28.15	\$8.65	\$17.28	\$0.00	\$54.08
7	80	\$30.02	\$8.65	\$17.65	\$0.00	\$56.32
8	90	\$33.78	\$8.65	\$18.40	\$0.00	\$60.83

Effective Date - 07/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.29	\$8.65	\$0.00	\$0.00	\$27.94
2	55	\$21.22	\$8.65	\$4.13	\$0.00	\$34.00
3	60	\$23.15	\$8.65	\$4.50	\$0.00	\$36.30
4	65	\$25.08	\$8.65	\$4.88	\$0.00	\$38.61
5	70	\$27.01	\$8.65	\$16.90	\$0.00	\$52.56
6	75	\$28.94	\$8.65	\$17.28	\$0.00	\$54.87
7	80	\$30.86	\$8.65	\$17.65	\$0.00	\$57.16
8	90	\$34.72	\$8.65	\$18.40	\$0.00	\$61.77

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER / TAPER (BRUSH, REPAINT)	01/01/2023	\$34.85	\$8.65	\$19.15	\$0.00	\$62.65
PAINTERS LOCAL 35 - ZONE 3	07/01/2023	\$35.90	\$8.65	\$19.15	\$0.00	\$63.70
	01/01/2024	\$37.00	\$8.65	\$19.15	\$0.00	\$64.80
	07/01/2024	\$38.05	\$8.65	\$19.15	\$0.00	\$65.85
	01/01/2025	\$39.15	\$8.65	\$19.15	\$0.00	\$66.95

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PAINTER Local 35 Zone 3 - BRUSH REPAINT

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.43	\$8.65	\$0.00	\$0.00	\$26.08
2	55	\$19.17	\$8.65	\$4.13	\$0.00	\$31.95
3	60	\$20.91	\$8.65	\$4.50	\$0.00	\$34.06
4	65	\$22.65	\$8.65	\$4.88	\$0.00	\$36.18
5	70	\$24.40	\$8.65	\$16.90	\$0.00	\$49.95
6	75	\$26.14	\$8.65	\$17.28	\$0.00	\$52.07
7	80	\$27.88	\$8.65	\$17.65	\$0.00	\$54.18
8	90	\$31.37	\$8.65	\$18.40	\$0.00	\$58.42

Effective Date - 07/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.95	\$8.65	\$0.00	\$0.00	\$26.60
2	55	\$19.75	\$8.65	\$4.13	\$0.00	\$32.53
3	60	\$21.54	\$8.65	\$4.50	\$0.00	\$34.69
4	65	\$23.34	\$8.65	\$4.88	\$0.00	\$36.87
5	70	\$25.13	\$8.65	\$16.90	\$0.00	\$50.68
6	75	\$26.93	\$8.65	\$17.28	\$0.00	\$52.86
7	80	\$28.72	\$8.65	\$17.65	\$0.00	\$55.02
8	90	\$32.31	\$8.65	\$18.40	\$0.00	\$59.36

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER TRAFFIC MARKINGS (HEAVY/HIGHWAY)	12/01/2022	\$33.00	\$9.35	\$14.41	\$0.00	\$56.76
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	06/01/2023	\$33.62	\$9.35	\$14.41	\$0.00	\$57.38
	12/01/2023	\$34.25	\$9.35	\$14.41	\$0.00	\$58.01
	06/01/2024	\$35.45	\$9.35	\$14.41	\$0.00	\$59.21
	12/01/2024	\$36.65	\$9.35	\$14.41	\$0.00	\$60.41
	06/01/2025	\$37.90	\$9.35	\$14.41	\$0.00	\$61.66
	12/01/2025	\$39.14	\$9.35	\$14.41	\$0.00	\$62.90
	06/01/2026	\$40.44	\$9.35	\$14.41	\$0.00	\$64.20
	12/01/2026	\$41.73	\$9.35	\$14.41	\$0.00	\$65.49

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)

PANEL & PICKUP TRUCKS DRIVER	12/01/2021	\$35.78	\$13.41	\$16.01	\$0.00	\$65.20
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B						

PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)	08/01/2020	\$43.53	\$9.40	\$23.12	\$0.00	\$76.05
PILE DRIVER LOCAL 56 (ZONE 3)						

For apprentice rates see "Apprentice- PILE DRIVER"

PILE DRIVER	08/01/2020	\$43.53	\$9.40	\$23.12	\$0.00	\$76.05
PILE DRIVER LOCAL 56 (ZONE 3)						

Classification Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PILE DRIVER - Local 56 Zone 3

Effective Date - 08/01/2020

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

Notes: Apprentice wages shall be no less than the following Steps;
(Same as set in Zone 1)

1\$57.06/2\$61.96/3\$66.87/4\$69.32/5\$71.78/6\$71.78/7\$76.68/8\$76.68

Apprentice to Journeyworker Ratio:1:5

PIPELAYER LABORERS - ZONE 3 (BUILDING & SITE)	12/01/2022	\$33.88	\$9.10	\$16.19	\$0.00	\$59.17
	06/01/2023	\$34.50	\$9.10	\$16.19	\$0.00	\$59.79
	12/01/2023	\$35.13	\$9.10	\$16.19	\$0.00	\$60.42

For apprentice rates see "Apprentice- LABORER"

PIPELAYER (HEAVY & HIGHWAY) LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/01/2022	\$33.25	\$9.35	\$14.41	\$0.00	\$57.01
	06/01/2023	\$33.87	\$9.35	\$14.41	\$0.00	\$57.63
	12/01/2023	\$34.50	\$9.35	\$14.41	\$0.00	\$58.26
	06/01/2024	\$35.70	\$9.35	\$14.41	\$0.00	\$59.46
	12/01/2024	\$36.90	\$9.35	\$14.41	\$0.00	\$60.66
	06/01/2025	\$38.15	\$9.35	\$14.41	\$0.00	\$61.91
	12/01/2025	\$39.39	\$9.35	\$14.41	\$0.00	\$63.15
	06/01/2026	\$40.69	\$9.35	\$14.41	\$0.00	\$64.45
	12/01/2026	\$41.98	\$9.35	\$14.41	\$0.00	\$65.74

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

PLUMBER & PIPEFITTER PLUMBERS & PIPEFITTERS LOCAL 104	03/17/2023	\$46.96	\$9.55	\$17.10	\$0.00	\$73.61
	09/17/2023	\$47.96	\$9.55	\$17.10	\$0.00	\$74.61
	03/17/2024	\$49.21	\$9.55	\$17.10	\$0.00	\$75.86

Apprentice - PLUMBER/PIPEFITTER - Local 104

Effective Date - 03/17/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$21.13	\$9.55	\$10.10	\$0.00	\$40.78
2	50	\$23.48	\$9.55	\$10.10	\$0.00	\$43.13
3	55	\$25.83	\$9.55	\$10.10	\$0.00	\$45.48
4	60	\$28.18	\$9.55	\$10.10	\$0.00	\$47.83
5	65	\$30.52	\$9.55	\$10.10	\$0.00	\$50.17
6	70	\$32.87	\$9.55	\$10.10	\$0.00	\$52.52
7	75	\$35.22	\$9.55	\$10.10	\$0.00	\$54.87
8	80	\$37.57	\$9.55	\$10.10	\$0.00	\$57.22
9	80	\$37.57	\$9.55	\$17.10	\$0.00	\$64.22
10	80	\$37.57	\$9.55	\$17.10	\$0.00	\$64.22

Notes: **1:1,2:5,3:9,4:12

Apprentice to Journeyworker Ratio:**

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PNEUMATIC CONTROLS (TEMP.) <i>PLUMBERS & PIPEFITTERS LOCAL 104</i>	03/17/2023	\$46.96	\$9.55	\$17.10	\$0.00	\$73.61
	09/17/2023	\$47.96	\$9.55	\$17.10	\$0.00	\$74.61
	03/17/2024	\$49.21	\$9.55	\$17.10	\$0.00	\$75.86
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
PNEUMATIC DRILL/TOOL OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	12/01/2022	\$33.25	\$9.35	\$14.41	\$0.00	\$57.01
	06/01/2023	\$33.87	\$9.35	\$14.41	\$0.00	\$57.63
	12/01/2023	\$34.50	\$9.35	\$14.41	\$0.00	\$58.26
	06/01/2024	\$35.70	\$9.35	\$14.41	\$0.00	\$59.46
	12/01/2024	\$36.90	\$9.35	\$14.41	\$0.00	\$60.66
	06/01/2025	\$38.15	\$9.35	\$14.41	\$0.00	\$61.91
	12/01/2025	\$39.39	\$9.35	\$14.41	\$0.00	\$63.15
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)	06/01/2026	\$40.69	\$9.35	\$14.41	\$0.00	\$64.45
	12/01/2026	\$41.98	\$9.35	\$14.41	\$0.00	\$65.74
	For apprentice rates see "Apprentice- LABORER (Heavy and Highway)					
POWDERMAN & BLASTER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$34.63	\$9.10	\$16.19	\$0.00	\$59.92
	06/01/2023	\$35.25	\$9.10	\$16.19	\$0.00	\$60.54
	12/01/2023	\$35.88	\$9.10	\$16.19	\$0.00	\$61.17
For apprentice rates see "Apprentice- LABORER"						
POWDERMAN & BLASTER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	12/01/2022	\$33.75	\$9.35	\$14.41	\$0.00	\$57.51
	06/01/2023	\$34.37	\$9.35	\$14.41	\$0.00	\$58.13
	12/01/2023	\$35.00	\$9.35	\$14.41	\$0.00	\$58.76
	06/01/2024	\$36.20	\$9.35	\$14.41	\$0.00	\$59.96
	12/01/2024	\$37.40	\$9.35	\$14.41	\$0.00	\$61.16
	06/01/2025	\$38.65	\$9.35	\$14.41	\$0.00	\$62.41
	12/01/2025	\$39.89	\$9.35	\$14.41	\$0.00	\$63.65
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)	06/01/2026	\$41.19	\$9.35	\$14.41	\$0.00	\$64.95
	12/01/2026	\$42.48	\$9.35	\$14.41	\$0.00	\$66.24
	For apprentice rates see "Apprentice- LABORER (Heavy and Highway)					
PUMP OPERATOR (CONCRETE) <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$38.21	\$13.38	\$15.00	\$0.00	\$66.59
	06/01/2023	\$39.16	\$13.38	\$15.00	\$0.00	\$67.54
	12/01/2023	\$40.11	\$13.38	\$15.00	\$0.00	\$68.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (DEWATERING, OTHER) <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$37.68	\$13.38	\$15.00	\$0.00	\$66.06
	06/01/2023	\$38.63	\$13.38	\$15.00	\$0.00	\$67.01
	12/01/2023	\$39.58	\$13.38	\$15.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
READY-MIX CONCRETE DRIVER <i>TEAMSTERS 404 - Construction Service (Northampton)</i>	05/01/2020	\$22.44	\$11.07	\$6.50	\$0.00	\$40.01
RIDE-ON MOTORIZED BUGGY OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$33.88	\$9.10	\$16.19	\$0.00	\$59.17
	06/01/2023	\$34.50	\$9.10	\$16.19	\$0.00	\$59.79
	12/01/2023	\$35.13	\$9.10	\$16.19	\$0.00	\$60.42
For apprentice rates see "Apprentice- LABORER"						
ROLLER OPERATOR <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$37.07	\$13.38	\$15.00	\$0.00	\$65.45
	06/01/2023	\$38.02	\$13.38	\$15.00	\$0.00	\$66.40
	12/01/2023	\$38.97	\$13.38	\$15.00	\$0.00	\$67.35
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
ROOFER (Coal tar pitch) ROOFERS LOCAL 248	07/01/2022	\$38.16	\$10.35	\$17.25	\$0.00	\$65.76
	07/01/2023	\$38.66	\$10.35	\$18.75	\$0.00	\$67.76
For apprentice rates see "Apprentice- ROOFER"						
ROOFER (Inc.Roofers Waterproofing &Roofers Damproofg) ROOFERS LOCAL 248	07/01/2022	\$37.66	\$10.35	\$16.75	\$0.00	\$64.76
	07/01/2023	\$39.16	\$10.35	\$18.25	\$0.00	\$67.76

Apprentice - ROOFER - Local 248

Effective Date - 07/01/2022

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$22.60	\$10.35	\$0.00	\$0.00	\$32.95
2	65	\$24.48	\$10.35	\$16.75	\$0.00	\$51.58
3	70	\$26.36	\$10.35	\$16.75	\$0.00	\$53.46
4	75	\$28.25	\$10.35	\$16.75	\$0.00	\$55.35
5	80	\$30.13	\$10.35	\$16.75	\$0.00	\$57.23
6	85	\$32.01	\$10.35	\$16.75	\$0.00	\$59.11
7	90	\$33.89	\$10.35	\$16.75	\$0.00	\$60.99
8	95	\$35.78	\$10.35	\$16.75	\$0.00	\$62.88

Effective Date - 07/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$23.50	\$10.35	\$0.00	\$0.00	\$33.85
2	65	\$25.45	\$10.35	\$18.25	\$0.00	\$54.05
3	70	\$27.41	\$10.35	\$18.25	\$0.00	\$56.01
4	75	\$29.37	\$10.35	\$18.25	\$0.00	\$57.97
5	80	\$31.33	\$10.35	\$18.25	\$0.00	\$59.93
6	85	\$33.29	\$10.35	\$18.25	\$0.00	\$61.89
7	90	\$35.24	\$10.35	\$18.25	\$0.00	\$63.84
8	95	\$37.20	\$10.35	\$18.25	\$0.00	\$65.80

Notes:

Steps are 750 hrs.Roofers(Tear Off)1:1; Same as above

Apprentice to Journeyworker Ratio:1:3

ROOFER SLATE / TILE / PRECAST CONCRETE ROOFERS LOCAL 248	07/01/2022	\$38.16	\$10.35	\$17.25	\$0.00	\$65.76
	07/01/2023	\$38.66	\$10.35	\$18.75	\$0.00	\$67.76
For apprentice rates see "Apprentice- ROOFER"						
SCRAPER OPERATING ENGINEERS LOCAL 98	12/01/2022	\$37.68	\$13.38	\$15.00	\$0.00	\$66.06
	06/01/2023	\$38.63	\$13.38	\$15.00	\$0.00	\$67.01
	12/01/2023	\$39.58	\$13.38	\$15.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
SELF-POWERED ROLLERS AND COMPACTORS (TAMPERS) OPERATING ENGINEERS LOCAL 98	12/01/2022	\$37.07	\$13.38	\$15.00	\$0.00	\$65.45
	06/01/2023	\$38.02	\$13.38	\$15.00	\$0.00	\$66.40
	12/01/2023	\$38.97	\$13.38	\$15.00	\$0.00	\$67.35
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
SELF-PROPELLED POWER BROOM OPERATING ENGINEERS LOCAL 98	12/01/2022	\$34.45	\$13.38	\$15.00	\$0.00	\$62.83
	06/01/2023	\$35.40	\$13.38	\$15.00	\$0.00	\$63.78
	12/01/2023	\$36.35	\$13.38	\$15.00	\$0.00	\$64.73

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

SHEETMETAL WORKER SHEETMETAL WORKERS LOCAL 63	01/01/2023	\$41.30	\$10.64	\$17.54	\$2.05	\$71.53
	07/01/2023	\$42.55	\$10.64	\$17.54	\$2.05	\$72.78
	01/01/2024	\$43.80	\$10.64	\$17.54	\$2.05	\$74.03
	07/01/2024	\$45.05	\$10.64	\$17.54	\$2.05	\$75.28
	01/01/2025	\$46.30	\$10.64	\$17.54	\$2.05	\$76.53

Apprentice - SHEET METAL WORKER - Local 63

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$18.59	\$4.79	\$4.76	\$0.92	\$29.06
2	50	\$20.65	\$5.32	\$5.29	\$1.03	\$32.29
3	55	\$22.72	\$5.85	\$5.82	\$1.13	\$35.52
4	60	\$24.78	\$6.38	\$6.35	\$1.23	\$38.74
5	65	\$26.85	\$6.92	\$6.88	\$1.33	\$41.98
6	70	\$28.91	\$7.45	\$7.41	\$1.44	\$45.21
7	75	\$30.98	\$7.98	\$7.94	\$1.54	\$48.44
8	80	\$33.04	\$8.51	\$15.42	\$1.64	\$58.61
9	85	\$35.11	\$9.04	\$15.95	\$1.74	\$61.84
10	90	\$37.17	\$9.58	\$16.48	\$1.85	\$65.08

Effective Date - 07/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$19.15	\$4.79	\$4.76	\$0.92	\$29.62
2	50	\$21.28	\$5.32	\$5.29	\$1.03	\$32.92
3	55	\$23.40	\$5.85	\$5.82	\$1.13	\$36.20
4	60	\$25.53	\$6.38	\$6.35	\$1.23	\$39.49
5	65	\$27.66	\$6.92	\$6.88	\$1.33	\$42.79
6	70	\$29.79	\$7.45	\$7.41	\$1.44	\$46.09
7	75	\$31.91	\$7.98	\$7.94	\$1.54	\$49.37
8	80	\$34.04	\$8.51	\$15.42	\$1.64	\$59.61
9	85	\$36.17	\$9.04	\$15.95	\$1.74	\$62.90
10	90	\$38.30	\$9.58	\$16.48	\$1.85	\$66.21

Notes:

Apprentice to Journeyworker Ratio:1:3

SPECIALIZED EARTH MOVING EQUIP < 35 TONS TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	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	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 SPRINKLER FITTERS LOCAL 669	04/01/2021	\$43.14	\$10.55	\$16.41	\$0.00	\$70.10

Apprentice - SPRINKLER FITTER - Local 669

Effective Date - 04/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$19.41	\$7.75	\$0.00	\$0.00	\$27.16
2	50	\$21.57	\$7.75	\$0.00	\$0.00	\$29.32
3	55	\$23.73	\$10.55	\$8.15	\$0.00	\$42.43
4	60	\$25.88	\$10.55	\$8.15	\$0.00	\$44.58
5	65	\$28.04	\$10.55	\$8.40	\$0.00	\$46.99
6	70	\$30.20	\$10.55	\$8.40	\$0.00	\$49.15
7	75	\$32.36	\$10.55	\$8.40	\$0.00	\$51.31
8	80	\$34.51	\$10.55	\$8.40	\$0.00	\$53.46
9	85	\$36.67	\$10.55	\$8.40	\$0.00	\$55.62
10	90	\$38.83	\$10.55	\$8.40	\$0.00	\$57.78

Notes:

Apprentice to Journeyworker Ratio:1:1

TELECOMMUNICATION TECHNICIAN ELECTRICIANS LOCAL 7	01/01/2023	\$47.01	\$12.50	\$13.96	\$0.00	\$73.47
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Apprentice - TELECOMMUNICATION TECHNICIAN - Local 7

Effective Date - 01/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$18.80	\$7.35	\$0.56	\$0.00	\$26.71
2	45	\$21.15	\$7.35	\$0.63	\$0.00	\$29.13
3	50	\$23.51	\$12.25	\$7.20	\$0.00	\$42.96
4	55	\$25.86	\$12.25	\$7.27	\$0.00	\$45.38
5	65	\$30.56	\$12.25	\$9.14	\$0.00	\$51.95
6	70	\$32.91	\$12.25	\$10.37	\$0.00	\$55.53

Notes:

Steps are 800 hours

Apprentice to Journeyworker Ratio:1:1

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TERRAZZO FINISHERS BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	02/01/2023	\$59.29	\$11.49	\$22.34	\$0.00	\$93.12
	08/01/2023	\$61.34	\$11.49	\$22.34	\$0.00	\$95.17
	02/01/2024	\$62.59	\$11.49	\$22.34	\$0.00	\$96.42
	08/01/2024	\$64.69	\$11.49	\$22.34	\$0.00	\$98.52
	02/01/2025	\$65.99	\$11.49	\$22.34	\$0.00	\$99.82
	08/01/2025	\$68.14	\$11.49	\$22.34	\$0.00	\$101.97
	02/10/2026	\$69.49	\$11.49	\$22.34	\$0.00	\$103.32
	08/01/2026	\$71.69	\$11.49	\$22.34	\$0.00	\$105.52
	02/01/2027	\$73.09	\$11.49	\$22.34	\$0.00	\$106.92

Apprentice - TERRAZZO FINISHER-Local 3 Marble/Tile (Spr/Pitt)

Effective Date - 02/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$29.65	\$11.49	\$22.34	\$0.00	\$63.48
2	60	\$35.57	\$11.49	\$22.34	\$0.00	\$69.40
3	70	\$41.50	\$11.49	\$22.34	\$0.00	\$75.33
4	80	\$47.43	\$11.49	\$22.34	\$0.00	\$81.26
5	90	\$53.36	\$11.49	\$22.34	\$0.00	\$87.19

Effective Date - 08/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$30.67	\$11.49	\$22.34	\$0.00	\$64.50
2	60	\$36.80	\$11.49	\$22.34	\$0.00	\$70.63
3	70	\$42.94	\$11.49	\$22.34	\$0.00	\$76.77
4	80	\$49.07	\$11.49	\$22.34	\$0.00	\$82.90
5	90	\$55.21	\$11.49	\$22.34	\$0.00	\$89.04

Notes:

Apprentice to Journeyworker Ratio:1:5

TERRAZZO MECHANIC BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	02/01/2023	\$60.37	\$11.49	\$22.31	\$0.00	\$94.17
	08/01/2023	\$62.42	\$11.49	\$22.31	\$0.00	\$96.22
	02/01/2024	\$63.67	\$11.49	\$22.31	\$0.00	\$97.47
	08/01/2024	\$65.77	\$11.49	\$22.31	\$0.00	\$99.57
	02/01/2025	\$67.07	\$11.49	\$22.31	\$0.00	\$100.87
	08/01/2025	\$69.22	\$11.49	\$22.31	\$0.00	\$103.02
	02/01/2026	\$70.57	\$11.49	\$22.31	\$0.00	\$104.37
	08/01/2026	\$72.77	\$11.49	\$22.31	\$0.00	\$106.57
	02/01/2027	\$74.17	\$11.49	\$22.31	\$0.00	\$107.97

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - TERRAZZO MECH - Local 3 Marble/Tile (Spr/Pitt)

Effective Date - 02/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$30.19	\$11.49	\$22.31	\$0.00	\$63.99
2	60	\$36.22	\$11.49	\$22.31	\$0.00	\$70.02
3	70	\$42.26	\$11.49	\$22.31	\$0.00	\$76.06
4	80	\$48.30	\$11.49	\$22.31	\$0.00	\$82.10
5	90	\$54.33	\$11.49	\$22.31	\$0.00	\$88.13

Effective Date - 08/01/2023

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$31.21	\$11.49	\$22.31	\$0.00	\$65.01
2	60	\$37.45	\$11.49	\$22.31	\$0.00	\$71.25
3	70	\$43.69	\$11.49	\$22.31	\$0.00	\$77.49
4	80	\$49.94	\$11.49	\$22.31	\$0.00	\$83.74
5	90	\$56.18	\$11.49	\$22.31	\$0.00	\$89.98

Notes:

Apprentice to Journeyworker Ratio:1:5

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TEST BORING DRILLER LABORERS - FOUNDATION AND MARINE	12/01/2022	\$46.58	\$9.35	\$17.97	\$0.00	\$73.90
	06/01/2023	\$47.58	\$9.35	\$17.97	\$0.00	\$74.90
	12/01/2023	\$48.83	\$9.35	\$17.97	\$0.00	\$76.15
	06/01/2024	\$50.31	\$9.35	\$17.97	\$0.00	\$77.63
	12/01/2024	\$51.78	\$9.35	\$17.97	\$0.00	\$79.10
	06/01/2025	\$53.28	\$9.35	\$17.97	\$0.00	\$80.60
	12/01/2025	\$54.78	\$9.35	\$17.97	\$0.00	\$82.10
	06/01/2026	\$56.33	\$9.35	\$17.97	\$0.00	\$83.65
	12/01/2026	\$57.83	\$9.35	\$17.97	\$0.00	\$85.15

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TEST BORING DRILLER HELPER LABORERS - FOUNDATION AND MARINE	12/01/2022	\$42.70	\$9.35	\$17.97	\$0.00	\$70.02
	06/01/2023	\$43.70	\$9.35	\$17.97	\$0.00	\$71.02
	12/01/2023	\$44.95	\$9.35	\$17.97	\$0.00	\$72.27
	06/01/2024	\$46.43	\$9.35	\$17.97	\$0.00	\$73.75
	12/01/2024	\$47.90	\$9.35	\$17.97	\$0.00	\$75.22
	06/01/2025	\$49.40	\$9.35	\$17.97	\$0.00	\$76.72
	12/01/2025	\$50.90	\$9.35	\$17.97	\$0.00	\$78.22
	06/01/2026	\$52.45	\$9.35	\$17.97	\$0.00	\$79.77
	12/01/2026	\$53.95	\$9.35	\$17.97	\$0.00	\$81.27

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TEST BORING LABORER <i>LABORERS - FOUNDATION AND MARINE</i>	12/01/2022	\$42.58	\$9.35	\$17.97	\$0.00	\$69.90
	06/01/2023	\$43.58	\$9.35	\$17.97	\$0.00	\$70.90
	12/01/2023	\$44.83	\$9.35	\$17.97	\$0.00	\$72.15
	06/01/2024	\$46.31	\$9.35	\$17.97	\$0.00	\$73.63
	12/01/2024	\$47.78	\$9.35	\$17.97	\$0.00	\$75.10
	06/01/2025	\$49.28	\$9.35	\$17.97	\$0.00	\$76.60
	12/01/2025	\$50.78	\$9.35	\$17.97	\$0.00	\$78.10
	06/01/2026	\$52.33	\$9.35	\$17.97	\$0.00	\$79.65
	12/01/2026	\$53.83	\$9.35	\$17.97	\$0.00	\$81.15
For apprentice rates see "Apprentice- LABORER"						
TRACTORS <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2022	\$37.07	\$13.38	\$15.00	\$0.00	\$65.45
	06/01/2023	\$38.02	\$13.38	\$15.00	\$0.00	\$66.40
	12/01/2023	\$38.97	\$13.38	\$15.00	\$0.00	\$67.35
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TRAILERS FOR EARTH MOVING EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2021	\$36.82	\$13.41	\$16.01	\$0.00	\$66.24
TUNNEL WORK - COMPRESSED AIR <i>LABORERS (COMPRESSED AIR)</i>	12/01/2022	\$54.81	\$9.35	\$18.42	\$0.00	\$82.58
	06/01/2023	\$55.81	\$9.35	\$18.42	\$0.00	\$83.58
	12/01/2023	\$57.06	\$9.35	\$18.42	\$0.00	\$84.83
	06/01/2024	\$58.54	\$9.35	\$18.42	\$0.00	\$86.31
	12/01/2024	\$60.01	\$9.35	\$18.42	\$0.00	\$87.78
	06/01/2025	\$61.51	\$9.35	\$18.42	\$0.00	\$89.28
	12/01/2025	\$63.01	\$9.35	\$18.42	\$0.00	\$90.78
	06/01/2026	\$64.56	\$9.35	\$18.42	\$0.00	\$92.33
	12/01/2026	\$66.06	\$9.35	\$18.42	\$0.00	\$93.83
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) <i>LABORERS (COMPRESSED AIR)</i>	12/01/2022	\$56.81	\$9.35	\$18.42	\$0.00	\$84.58
	06/01/2023	\$57.81	\$9.35	\$18.42	\$0.00	\$85.58
	12/01/2023	\$59.06	\$9.35	\$18.42	\$0.00	\$86.83
	06/01/2024	\$60.54	\$9.35	\$18.42	\$0.00	\$88.31
	12/01/2024	\$62.01	\$9.35	\$18.42	\$0.00	\$89.78
	06/01/2025	\$63.51	\$9.35	\$18.42	\$0.00	\$91.28
	12/01/2025	\$65.01	\$9.35	\$18.42	\$0.00	\$92.78
	06/01/2026	\$66.56	\$9.35	\$18.42	\$0.00	\$94.33
	12/01/2026	\$68.06	\$9.35	\$18.42	\$0.00	\$95.83
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR <i>LABORERS (FREE AIR TUNNEL)</i>	12/01/2022	\$46.88	\$9.35	\$18.42	\$0.00	\$74.65
	06/01/2023	\$47.88	\$9.35	\$18.42	\$0.00	\$75.65
	12/01/2023	\$49.13	\$9.35	\$18.42	\$0.00	\$76.90
	06/01/2024	\$50.61	\$9.35	\$18.42	\$0.00	\$78.38
	12/01/2024	\$52.08	\$9.35	\$18.42	\$0.00	\$79.85
	06/01/2025	\$53.58	\$9.35	\$18.42	\$0.00	\$81.35
	12/01/2025	\$55.08	\$9.35	\$18.42	\$0.00	\$82.85
	06/01/2026	\$56.63	\$9.35	\$18.42	\$0.00	\$84.40
	12/01/2026	\$58.13	\$9.35	\$18.42	\$0.00	\$85.90
For apprentice rates see "Apprentice- LABORER"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TUNNEL WORK - FREE AIR (HAZ. WASTE) <i>LABORERS (FREE AIR TUNNEL)</i>	12/01/2022	\$48.88	\$9.35	\$18.42	\$0.00	\$76.65
	06/01/2023	\$49.88	\$9.35	\$18.42	\$0.00	\$77.65
	12/01/2023	\$51.13	\$9.35	\$18.42	\$0.00	\$78.90
	06/01/2024	\$52.61	\$9.35	\$18.42	\$0.00	\$80.38
	12/01/2024	\$54.08	\$9.35	\$18.42	\$0.00	\$81.85
	06/01/2025	\$55.58	\$9.35	\$18.42	\$0.00	\$83.35
	12/01/2025	\$57.08	\$9.35	\$18.42	\$0.00	\$84.85
	06/01/2026	\$58.63	\$9.35	\$18.42	\$0.00	\$86.40
	12/01/2026	\$60.13	\$9.35	\$18.42	\$0.00	\$87.90
For apprentice rates see "Apprentice- LABORER"						
VAC-HAUL <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2021	\$36.24	\$13.41	\$16.01	\$0.00	\$65.66
WAGON DRILL OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/01/2022	\$33.88	\$9.10	\$16.19	\$0.00	\$59.17
	06/01/2023	\$34.50	\$9.10	\$16.19	\$0.00	\$59.79
	12/01/2023	\$35.13	\$9.10	\$16.19	\$0.00	\$60.42
For apprentice rates see "Apprentice- LABORER"						
WAGON DRILL OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	12/01/2022	\$33.25	\$9.35	\$14.41	\$0.00	\$57.01
	06/01/2023	\$33.87	\$9.35	\$14.41	\$0.00	\$57.63
	12/01/2023	\$34.50	\$9.35	\$14.41	\$0.00	\$58.26
	06/01/2024	\$35.70	\$9.35	\$14.41	\$0.00	\$59.46
	12/01/2024	\$36.90	\$9.35	\$14.41	\$0.00	\$60.66
	06/01/2025	\$38.15	\$9.35	\$14.41	\$0.00	\$61.91
	12/01/2025	\$39.39	\$9.35	\$14.41	\$0.00	\$63.15
	06/01/2026	\$40.69	\$9.35	\$14.41	\$0.00	\$64.45
	12/01/2026	\$41.98	\$9.35	\$14.41	\$0.00	\$65.74
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
WATER METER INSTALLER <i>PLUMBERS & PIPEFITTERS LOCAL 104</i>	03/17/2023	\$46.96	\$9.55	\$17.10	\$0.00	\$73.61
	09/17/2023	\$47.96	\$9.55	\$17.10	\$0.00	\$74.61
	03/17/2024	\$49.21	\$9.55	\$17.10	\$0.00	\$75.86
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"						

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.

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

In accordance with Massachusetts General Law c. 149, §27B, a true and accurate record must be kept of all persons employed on the public works project for which the enclosed rates have been provided. A Payroll Form is available from the Department of Labor Standards (DLS) at www.mass.gov/dols/pw and includes all the information required to be kept by law. Every contractor or subcontractor is required to keep these records and preserve them for a period of three years from the date of completion of the contract.

On a weekly basis, every contractor and subcontractor is required to submit a certified copy of their weekly payroll records to the awarding authority; this includes the payroll forms and the Statement of Compliance form. The certified payroll records must be submitted either by regular mail or by e-mail to the awarding authority. Once collected, the awarding authority is required to preserve those records for three years from the date of completion of the project.

Each such contractor and subcontractor shall furnish weekly **and** within 15 days after completion of its portion of the work, to the awarding authority directly by first-class mail or e-mail, a statement, executed by the contractor, subcontractor or by any authorized officer thereof who supervised the payment of wages, this form, accompanied by their payroll:

STATEMENT OF COMPLIANCE

_____, 20____

I, _____,
(Name of signatory party) (Title)

do hereby state:

That I pay or supervise the payment of the persons employed by _____
on the _____

(Contractor, subcontractor or public body) (Building or project)

and that all mechanics and apprentices, teamsters, chauffeurs and laborers employed on said project have been paid in accordance with wages determined under the provisions of sections twenty-six and twenty-seven of chapter one hundred and forty nine of the General Laws.

Signature _____

Title _____

DEBARMENT DISCLOSURE FORM

PUBLIC CONTRACTS - DEBARMENT
CHAPTER 550, ACTS OF 1991

The said undersigned certifies under penalties of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth of Massachusetts under the provisions of Section 29F of Chapter 29 of the General Laws, or any other applicable debarment provisions of any other Chapter of the General Laws, or any Rule or Regulation promulgated thereunder.

Date: _____, 2023

Name of Bidder: _____

By: _____

Signature

Print Name & Title of Person Signing

Address

City, State, ZIP

TAX CERTIFICATION AFFIDAVIT FOR CONTRACTS

Individual Social Security Number

State Identification Number

Federal Identification Number

Pursuant to M.G.L. Ch. 62c, sec. 49a.

Company: _____

P.O. Box (if any): _____ Street Address Only: _____

City/State/Zip Code: _____

Telephone Number: _____ Fax Number: _____

E-Mail Address: _____

List address(es) of all other property owned by company in Springfield: _____

Please identify if the bidder/proposer/contractor is a:

Corporation _____

Individual _____ Name of Individual: _____

Partnership _____ Names of all Partners: _____

Limited Liability Company _____ Names of all Managers: _____

Limited Liability Partnership _____ Names of Partners: _____

Limited Partnership _____ Names of all General Partners: _____

You must complete the following certification and have the signature(s) notarized on the lines below.

TAX CERTIFICATION

I, _____ certify under the pains and penalties of perjury that _____, to my best
(Authorized Agent) (Bidder/Proposer/Contractor)
knowledge and belief, has/have complied with all **United States Federal, Commonwealth of Massachusetts, and
City of Springfield taxes** required by law.

Bidder/Proposer/Contracting Entity Authorized Person's Signature Date: _____

Notary Public

STATE OF _____, 2023

County of _____, ss.

Then personally appeared before me [name] _____, [title] _____ of [company name] _____, being duly sworn, and made oath that he/she has read the foregoing document, and knows the contents thereof; and that the facts stated therein are true of his/her own knowledge, and stated the foregoing to be his/her free act and deed and the free act and deed of [company name] _____.

Notary Public

My commission expires: _____

YOU MUST FILL THIS FORM OUT COMPLETELY AND, SIGNATURES MUST BE NOTARIZED ON THIS FORM AND YOU MUST FILE THIS FORM WITH YOUR BID/CONTRACT. TAX AFFIDAVITS THAT ARE NOT SIGNED AND NOTARIZED WILL BE REJECTED.

COLLUSION OR FRAUD STATEMENT

THE UNDERSIGNED CERTIFIES UNDER 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 SECTION THE WORD "PERSON" SHALL MEAN ANY NATURAL PERSON, JOINT VENTURE, PARTNERSHIP, CORPORATION OR OTHER BUSINESS OR LEGAL ENTITY.

(NAME OF PERSON SIGNING BID)

(SIGNATURE)

(COMPANY)

STATEMENT OF BIDDER'S QUALIFICATIONS/REFERENCES

(recently completed projects similar to project being bid)

Bidders must submit list of all similar projects completed within the last three years. This information will be used to establish eligibility of bidder for contract award. Any format used by the bidder to supply this information must include the information requested below. Defaulted projects must be listed.

BIDDER: _____

Project: _____

Description: _____

Location: _____

Contract amount: _____ Completion date: _____

Contact: _____ Phone: _____

Owner & Address: _____

BIDDER: _____

Project: _____

Description: _____

Location: _____

Contract amount: _____ Completion date: _____

Contact: _____ Phone: _____

Owner & Address: _____

BIDDER: _____

Project: _____

Description: _____

Location: _____

Contract amount: _____ Completion date: _____

Contact: _____ Phone: _____

Owner & Address: _____

OSHA Safety Training Statement

Please certify by writing your initials in the space provided below that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and shall furnish documentation of successful completion of said course with the first certified payroll report for each employee.

Please initial: _____

- If a Corporation, signature and seal by duly authorized officer is required.
- If a partnership, so state and names and residential addresses of all partners are required.

If an individual, so state and also indicate residential address if different than business address and also sign.

BIDDER'S/PROPOSER'S CERTIFICATION

(This form is to be completed for all bids/proposals)

The undersigned *bidder/proposer* hereby certifies he/she will comply with the minority/women workforce percentage ratio and specific affirmative action steps contained in this program and will make good faith best efforts to comply with the Minority/Women Business Enterprise goals under these contract provisions, as well as all other requirements deemed necessary by the Contract Compliance Officer for this type of contract.

Bidder will include in any contract with a subcontractor the following conditions:

"The subcontractor agrees that he/she shall make good faith best efforts to comply with the Minority/Woman Workforce Ratio and the Minority/Women Enterprise compliance specified in the City of Springfield's Minority/Women Business Enterprise Program attached to the project specification."

Name of firm

Signature of Bidder/Proposer (authorized representative)

Title

Date

THE AWARDING AUTHORITY MAY REJECT ANY BID/PROPOSAL NOT ACCOMPANIED BY THIS CERTIFICATION. 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 CITY AGENCY ADMINISTERING THIS PROJECT HAS DETERMINED, IN WRITING, THAT THE SAID CERTIFICATION HAS BEEN INCORPORATED IN SUCH SUBCONTRACT REGARDLESS OF TIER. ANY SUB-CONTRACT EXECUTED WITHOUT SUCH WRITTEN APPROVAL SHALL BE VOID.

THIS FORM TO BE SUBMITTED BY THE BIDDER WITH THE BID/PROPOSAL, AND SIGNED BY THE BIDDING COMPANY IF THE REQUIRED INFORMATION IS PROVIDED OR NOT.

MBE/WBE UTILIZATION REPORT

The City of Springfield in its commitment to pedal opportunity for all its citizens and businesses, through the policies of the City requires all bidders on this project to make good faith best efforts to achieve the MBE/WBE participation goals. Bidder certifies that it intends to use the following utilization of such MBE/WBE's which shall include subcontractors, consultants, materials and supplies contracts. Bidder certifies that it will make substitution only as approved by the awarding authority in accordance with applicable law.

Name and address Of MBE/WBE	Telephone #	Nature of Work to be performed of work	\$ value
MBE/WBE _____			
MBE/WBE _____			
MBE/WBE _____			
MBE/WBE _____			

Minority/Females Employees (check here) _____

\$Value of Work _____

Project Name _____ Project Bid # _____ Total Bid Amount: _____

Total MBE % _____ Total WBE % _____ Total MBE/WBE % _____

Should you need assistance in procuring MBE/WBE's please contact the City's Contract Compliance Officer at (413) 787-7762.

(Company Name) _____ (Address) _____

(Telephone) _____ (Authorized Signature) _____ (Date) _____

**THIS FORM TO BE SUBMITTED BY THE BIDDER WITH THE BID/PROPOSAL,
AND SIGNED BY THE BIDDING COMPANY IF THE REQUIRED INFORMATION IS
PROVIDED OR NOT.**

AFFIRMATIVE ACTION PLAN

NAME OF PROJECT _____ BID NO. _____

A.) Bidder shall include Company Policy Statement which sets forth the Chief Executive Officer's attitude on equal employment opportunity.

B.) Company's Officer _____

NAME OF FIRM _____

NAME _____

POSITION OR TITLE _____

BUSINESS ADDRESS _____

CITY _____

TELEPHONE _____

C.) What is the total number of employees that is currently employed by your company?

Please provide a profile of your workforce.

D.) What is your anticipated work force for this project/service? _____
Number of Minorities _____ Number of Females _____

E.) Is your company a member of a union Yes ___ No ___. If yes what union local number and location. _____

F.) Describe company's advertising, recruiting efforts, and systematic contact with minority group organization, etc. and evidence that minority group members are being sought from all recruitment sources. _____

G.) Is your company at least 51% owned and controlled by one of the following groups members? If yes, would you kindly circle the appropriate categories.

MALE--FEMALE: Black, Hispanic, Asian, American Indian,
Alaskan Native, Cape Verdean, Caucasian.

AUTHORIZED SIGNATURE _____ DATE _____

FIRM _____

ADDRESS _____

TELEPHONE NO. _____

THIS FORM TO BE SUBMITTED BY THE BIDDER WITH THE BID /PROPOSAL, AND SIGNED BY THE BIDDING COMPANY IF THE REQUIRED INFORMATION IS PROVIDED OR NOT.

MBE/WBE LETTER OF INTENT

(To be completed by each MBE/WBE listed in the Bidder/Proposer's MBE/WBE Utilization Report (Form 2).

MBE/WBE Company Name _____ MBE/WBE
Address _____

MBE/WBE Telephone _____

Project Name: _____ .Project Location: _____

Please identify whether the above company is an: MBE ___ or WBE _____

1. The MBE/WBE company has been certified by SOMWBA (State Office of Minority/Women Business Assistance) and it has not changed its women/minority ownership, control, or management without notifying SOMWBA within thirty (30) days of such change.

2. I understand that if we are awarded the contract by the City of Springfield, we agree to negotiate an agreement in good faith with the above mentioned company. I also understand that our company, as Bidder, certifies that it will make substitution only as approved by the awarding authority in accordance with applicable law.

Bidding Company _____

Authorized Person's Signature _____

Date _____

**THIS FORM TO BE SUBMITTED BY THE BIDDER WITH THE BID/PROPOSAL,
AND SIGNED BY THE BIDDING COMPANY IF THE REQUIRED INFORMATION IS
PROVIDED OR NOT.**

**INFORMATION ON UNSUCCESSFUL CONTACT
OF MBE/WBE**

(Additional copies of this information form shall be prepared by the Bidder in the quantity necessary to comply with the bidding requirements)

- 1. NAME OF MBE/WBE COMPANY CONTACTED:
- 2. ADDRESS OF COMPANY: _____
- 3. TELEPHONE NO.: _____
- 4. DATE CONTACTED: _____

How was contact made? *(Check appropriate answer)* Telephone # _____ In person _____

MBE/MBE Firm Declined Job: _____ Offer declined by: _____
(Name & Title)

MBE/WBE Firm offered to do the job at the price of \$: _____ which was determined to be too high based on our price : \$ _____.

MBE/WBE Company price was satisfactory, but the MBE/WBE Company was judged by our company to be unqualified for the job. Based on what factors? Please explain.

I certify under the pains and penalties of perjury that to my best knowledge and belief the above information is accurate and complete.

Bidding Company _____

Authorized Person's

Signature _____ *Date* _____

THIS FORM TO BE SUBMITTED BY THE BIDDER WITH BID/PROPOSAL, AND SIGNED BY THE BIDDING COMPANY IF THE REQUIRED INFORMATION IS PROVIDED OR NOT.

CITY OF SPRINGFIELD, MASSACHUSETTS

SCOPE OF WORK

REPAIRS TO THE WEST STREET BRIDGE
BID NO. 23-148

1.0 SCOPE OF WORK

The work covered by these specifications shall consist of the following work:

- Repair / Replacement of 8' +/- length of concrete filled steel grid bridge deck on each end of the West Street bridge structure which will also include the removal / resetting of granite curbs. Work will also include the posting of a vehicular detour as the bridge will be allowed to be closed during construction.

The intent of the contract is to perform all work or improvements, in full compliance with the most current City of Springfield and the Commonwealth of Massachusetts Department of Transportation specifications unless otherwise amended by these specifications. The City of Springfield reserves the right to select the lowest responsible bidder based upon its evaluation of costs.

Each bidder should visit and investigate the site of the proposed work and fully acquaint themselves with the existing conditions relating to construction, material, quantities, labor, and traffic and should fully inform themselves as to the facilities involved, the difficulties and restrictions attending the performance of the contract.

The 1938 original construction plans, the 1992 rehabilitation plans and the latest MassDOT Structures Inspection Field Reports are available at the following link:

<https://transystems.sharefile.com/d-s31fba383d7354f3ea4362fd0a51d9d6c>

The Contractor's decision to execute the contract shall be based on such self-investigation and not on the estimate of quantities or other information prepared by the DPW and he shall make no claim against the Director of Public Works / City Engineer (Director) or the City because of any of the estimates, tests, or representations or any kind affecting the work made by any officer or agent of the City which may prove to be erroneous in any respect.

The Director reserves the right to make revisions in the scope of the contract by increasing or decreasing the volume of the project, omitting items found not necessary, eliminating any part of the work, make additions to, and/or make such changes in the specifications or the character of the work as he may consider necessary or desirable to insure the completion of the Project in a most satisfactory manner. In case of such changes or alterations, the Director shall order the same in writing.

2.0 TIME SCHEDULE

The Contractor shall furnish all labor, equipment, supplies, materials, and supervision necessary to start the project by June 5, 2023, or when contract is fully executed, and be completed 81 consecutive calendar days by August 25, 2023.

Listed below is the time schedule for the entire project from bid advertisement to construction completion.

Activity	Date
Project Advertised for Construction	May 17, 2023
Pre-Bid Conference	May 31, 2023 @ 1:00 PM
Deadline for Submitting Questions	June 1, 2023
Bid Opening	June 9, 2023
Anticipated "Notice to Proceed"	June 19, 2023
Substantial Construction Complete	September 8, 2023
Calendar Days to Substantial Completion	81

The successful bidder, within ten (10) days of award of bid, is required to submit a rigid schedule of work and time schedule prior to start of any work. The City will notify the Contractor in writing if the schedule is approved.

The City assumes no responsibility or liability for stopping any operations of the Contractor and in no way relieves the Contractor from completing the project within the Time Schedule.

3.0 SCHEDULE OF OPERATIONS – General

To assure adequate planning for execution of the Work so that Work is completed within the number of calendar days allowed in the Contract, and to assist the Engineer in appraising the reasonableness of the proposed schedule and in evaluating progress of the Work, the successful bidder will submit to the Engineer a schedule of operations within ten (10) calendar days after the date of the Notice to Proceed.

The Contractor is advised that the Work must be fully completed within the time schedule noted in Section 2.0

Submit within ten (10) calendar days the date of the Agreement one reproducible and four prints of a schedule of operations.

3.1 OPERATIONS

The schedule shall reflect the proposed methods, the sequence of work and the time of completion of the various phases of the work within the completion time specified in the Contract.

The schedule shall reflect the completion of all work including punch list work and clean up.

The work shall be rescheduled by the Contractor if changes in the work scope alter the original schedule or he fails to comply with the original schedule. The revised schedule shall be submitted within five (5) days of receipt of the Engineer's request.

3.2 Submittal Consideration

Graphically show the order and interdependence of all activities necessary to complete the Work, and the sequence in which each such activity is planned to be accomplished, as planned by the Contractor and his project field superintendent in coordination with all subcontractors and materials suppliers whose work is shown below:

Include, but do not necessarily limit indicated activities to:

- a. Project mobilization
- b. Submittal and approval of Schedules
- c. Procurement of critical materials
- d. Concrete Forming and Finishing
- e. Final cleanup and
- f. Final inspecting and approval of work

Present information in such detail that the order in which the streets to be worked on will be evident. The selection and number of activities shall be subject to the approval of the Engineer.

4.0 REVISIONS TO APPROVED SCHEDULE

4.1 Method

Following approval of the schedule, if the Contractor desires to make changes in his method of operating and scheduling, he shall so notify the Engineer in writing stating his reasons.

If the Engineer considers these changes to be of a major nature, he may require the Contractor to revise and submit for approval, without additional cost to the Owner, all of the affected portions of the schedule of operations to show the impact on the entire Work.

4.2 Major Change

A change may be considered of a major nature if the time estimated to be required or actually used for an activity, or the logic of sequence of activities is varied from the original plan to a degree that the Engineer has reasonable doubt as to completion of the Work within the Contract Time. Changes, which affect activities with adequate slack time, should be considered a major change when their cumulative effect may affect the Contract completion date.

4.3 Adherence to Schedule

Whenever in the opinion of the Engineer the work is not proceeding in accordance with the schedule, the Contractor shall promptly take such measures as are necessary to return the work to its progress schedule, as directed by the Engineer and at no cost to the Owner. Such measures shall include but not be limited to, employing additional or different personnel, equipment or

construction methods, employing additional shifts, or working overtime. Such measures shall be continued until compliance with the progress schedule has been achieved.

In no event shall the Contractor refuse to employ any such measure or measures as directed by the Engineer. Failure or refusal to employ such measures as directed by the Engineer shall be deemed a material breach of the contract. The foregoing is in addition to and not in limitation of any other provision contained in the Contract Documents. The Contractor shall equip and staff the Work with sufficient forces in full consideration of inclement New England weather and holiday schedules and to complete operations in a professional manner and be completed within 81 consecutive Calendar days.

The successful bidder, within ten (10) days of award of bid, is required to submit a rigid schedule of work and time schedule prior to start of any work. The City will notify the Contractor in writing if the schedule is approved.

5.0 CITY'S ENGINEERING COSTS

For purposes of and during the period of this contract or any extension thereof, a working day shall be considered as any day, Monday through Friday, except when such day falls on a legal holiday or whenever the Director of Public Works (the "Director") shall, for good reason, determine that such day is not to be considered a WORKING DAY.

It is expressly understood by each bidder that the City's Engineering Costs and Consulting Fees in connection with his supervision of the work performed by the Contractor under this contract on any non-working day (i.e. Saturdays, Sundays, and/or legal holidays) will be paid for by the Contractor.

It is hereby established that the City's Engineering Costs will be computed by the Director for "non-work" days and it is further indicated that Consulting Fees to be reimbursed to the City is hereby established as \$560.00 per non-working day being performed under the Contract.

Each bidder is to understand that the City, in order that the successful bidder shall actually bear the City's Engineering Costs in supervising "non-working days" and in order to effectuate its expeditious completion, will exclusive of and in addition to any other amount or amounts withheld under other terms of the contract, permanently retain from the total payment made to the Contractor under the contract, per each non-working day consumed by the Contractor in completing the work, the cost of supervising "non-working days", as determined by the Director.

Work on this project is restricted to a normal 8-hour day, 5-day week, with the Prime Contractor and all Subcontractors working on the same shift. The workday shall consist of an 8-hour shift. Any additional work shall be considered on an emergency basis. We understand at times that the contractor may require an extended work day. Any work days anticipated to extend beyond 10 hours will require the approval of the City of Springfield. Any work in addition to a 10-hour day will be considered as part of the "non-working day" and the contractor shall be responsible for payment of the engineer's supervisory services at a rate of \$70 per hour.

RETAINAGE

There will be a retainage of 5% of all work completed to date.

6.0 WORK SCHEDULE

Work on this project is restricted to a normal 8-hour day, 5-day week, with the Prime Contractor and all Subcontractors working on the same shift. The workday shall consist of an 8-hour shift. Any additional work shall be considered on an emergency basis. We understand at time that the contractor may require an extended work day. Any work days anticipated to extend beyond 10 hours will require the approval of the City of Springfield. Any work in addition to a 10-hour day will be considered as part of the “non-working day” and the contractor shall be responsible for payment of the engineer’s supervisory services at a rate of \$70 per hour.

No work shall be done on this contract on Saturdays, Sundays, or Holidays without approval from the Director.

Work will not be allowed the day before or the day after a long weekend, which involves a Holiday, without prior approval by the Director.

See also Section 5.0.

7.0 LOCATION OF WORK – The location of the work is the West Street Bridge between Springfield and Ludlow in the area of Front Street in the Indian Orchard section of the City.

8.0 TRAFFIC CONTROL

It is the City of Springfield’s and Town of Ludlow’s intent to have the bridge closed during the construction period. Included in the drawings is an informational drawing showing a proposed detour in both Springfield and Ludlow. The drawing also shows potential signage.

The contractor will be required to submit a formal detour route drawing with necessary MUTCD compliant signage to the City upon selection. In addition to the signage, the contractor will also be required to install a total of 2 variable message sign boards, one each in Springfield and Ludlow, that will need to be operable prior to the actual closure of the roadway to alert residents. The exact locations will be agreed upon by the contractor and the City of Springfield and the Town of Ludlow. Barriers / barricades will need to be put in place to ensure drivers and / or pedestrian cannot access the construction area. The entire traffic management plans and signage will be paid as a lump sum item.

If the contractor wishes to have any portion of the bridge open during any of the construction period, no additional compensation will be provided.

The Contractor shall be responsible for providing, placing and maintaining all detour signs, barricades and lights in accordance with the plan submitted and approved. All signs, barricades and lights shall be in accordance with City of Springfield and MassDOT Standards and Specifications.

9.0 NOTIFICATION OF WORK

The Contractor shall notify the City 48 hours in advance of any schedule work regarding the performance of this contract. Failure to provide proper notification may result in the denial of the proposed work by the City.

It shall be the responsibility of the Contractor to notify the utility responsible for the structure and to coordinate the work prior to the work being performed. The Contractor shall not be entitled to any extra payment by the City due to delays resulting from the execution of such work.

<p><u>Eversource (Electric and Gas)</u> Mark Gunsalus - General Manger, Operations Ph.(508) 272-1323 Mark.Gunsalus@eversource.com</p> <p>Seth Kruger - Interim Director, Construction Ph. (781) 726-0778 Seth.Krueger@eversource.com</p> <p>Mike Wilson Supervisor, Construction Ph. (413) 787-9490 Cell Ph. (413) 531-1023 michael.wilson@eversource.com</p>	
<p><u>City of Springfield</u> <u>Department of Public Works</u> Christopher M. Cignoli, PE - Director Department of Public Works Ph. (413) 750-2808 70 Tapley Street Springfield, MA 01104</p>	<p><u>City of Springfield</u> <u>Fire Department - Underground</u> Ph. (413) 750-2407 1535 Roosevelt Avenue Emergency (413) 787-6410 Springfield, MA 01109</p>
<p>Vincent DeSantis - Asst. Director Ph. (413) 784-4877</p> <p>Andy Krar - City Engineer Ph. (413) 784-4884</p>	<p><u>City of Springfield</u> <u>Police Department</u> 130 Pearl Street Springfield, MA 01101 extra detail Ph. (413) 787-6386</p>
<p><u>City of Springfield – Forestry Division</u> Alex Sherman - Park Department Ph. (413) 787-7787 Forest Park Springfield, MA 01108</p>	<p><u>Springfield Water and Sewer Comm.</u> Joshua Shimmel, - Director 250 M Street Ext. Agawam MA. 01101 Ph. (413) 452-1333 Emer. (413) 310-3501</p>

<p><u>Comcast</u> Jim Bitzas -Area Const. Man. 1110 East Mountain Rd Ph. (413) 562-9923 Ext. 73252 Westfield, MA 01085 Nextel# 617-279-7485 Pager # 413-227-0484</p> <p>Joe Chafer - Supervisor, Underground Construction Cell Ph. (413) 233-6989 Joseph_chafer2@comcast.net</p>	<p><u>Verizon</u> 365 State Street Springfield, MA 01105 Albert E. Bessette Jr. albert.e.bessette.jr@verizon.com</p> <p>Tremain K. Fernandes tremain.k.fernandes@one.verizon.com</p> <p>Sean Fitzgerald Cell Ph. (413) 454-5352 Sean.M.Fitzgerald@verizon.com</p>
<p><u>Crown Castle (Old Lighttower)</u> Todd Fagnoli - 80 Central Street Boxborough, MA 01719 Office Ph. (508) 616-7863 Cell # (617) 823-0864</p>	

10.0 PROTECTION OF UNDERGROUND UTILITIES

Before the Contractor begins any work or operations that might damage any subsurface structures, he or she shall carefully locate all such structures and conduct construction operations so as to avoid any damage to them.

If the project or actions by the contractor create any adverse impact on the structures, the contractor shall be responsible for any repairs, replacement, or liability created associated with the damage to the structures on or off the site.

The Contractor shall make his or her own investigation to assure that no damage to existing structures, drainage lines, water lines, sewer lines, gas lines, utility duct lines, traffic signal conduits, etc., will occur as a result of his operations.

The Contractor shall notify “DIG SAFE”, 72 hours in advance of any digging, and procure a DIG SAFE number for the project location prior to disturbing ground in any way. “DIG SAFE” Call Center: Telephone 1-800-344-7233

11.0 PRECAUTIONS UNDER ELECTRIC LINES

The Contractor's attention is directed to the AASHTO Guide on Occupational Safety on Highway Construction Projects, Subpart N, 1962.550, relating to construction equipment clearances at overhead electric lines, which states in part, "...the minimum clearance between the lines and any part of the crane or load must be at least ten feet from lines rated 50KV or below, and greater distances for higher voltage...".

For the protection of personnel and equipment, the Contractor should be aware of this regulation, especially during paving operations using large semi-trailer vehicles, lighting equipment removals and/or installations, and during operations using large equipment or vehicles.

12.0 PROTECTION OF UTILITIES AND PROPERTY

The Contractor, in constructing or installing facilities alongside or near sanitary sewers, storm drains, water or gas pipes, electric or telephone conduits, poles, roadways, sidewalks, walls, vaults or other structures shall, at his or her expense, sustain them securely in place, cooperating with the officers and agents of the various utility companies and municipal departments which control them, so that the services of these structures shall be maintained. The Contractor shall also be responsible for the repair or replacement, at his or her own expense, of any damage to such structures caused by the Contractor's acts or neglect, and shall leave them in the same condition as they existed prior to commencement of the work.

In case of damage to utilities, the Contractor shall promptly notify the utility owner and shall, if requested by the City or its duly appointed representative, furnish labor and equipment to work temporarily under the City's direction in providing access to the utility. Pipes or other structures damaged by the operation of the Contractor may be repaired by the City, or by the utility owner that suffers the loss. The cost of such repairs shall be borne by the Contractor, without compensation therefore.

If, as the work progresses, it is found that any of the utility structures are so placed as to render it impracticable, in the judgment of the City or its duly appointed representative, to do the work called for under this Contract, the Contractor shall protect and maintain the services in such utilities and structures and the City or its duly appointed representative will, as soon thereafter as reasonable, cause the position of the utilities to be changed or take such other actions deemed suitable and proper.

If live service connections are interrupted by excavations of any kind, the Contractor shall not break the service until new services are provided. Abandoned services shall be plugged off or otherwise made secure. Operation of all existing water system valves shall be by the Springfield Water and Sewer Commission or as authorized by the same.

Sweeping and cleaning of surfaces beyond the limits of the project required to clean up material caused by spillage or vehicular tracking during the various phases of the work shall be considered as incidental to the work being performed under the Contract and there will be no additional compensation.

Full compensation for furnishing all labor, materials, tools, exploratory excavations, equipment and incidentals for doing all the work involved in protecting or repairing property as specified in this section, shall be included in the various Contract items and no additional payment made.

13.0 DISPOSITION OF EXISTING MATERIALS

The City or its duly appointed representative shall determine the disposition of all materials with respect to reuse, disposal, or stacking. It shall be the Contractor's responsibility to obtain from the City, their determination of disposition of existing materials, prior to performing related construction tasks.

14.0 STORAGE OF MATERIALS AND EQUIPMENT

All excavated materials and equipment to be incorporated in the work shall be placed so as not to injure any part of the work or existing facilities and so that free access can be had at all times to all parts of the work and to all public utility installations in the vicinity of the work. Materials and equipment shall be kept neatly piled and compactly stored in such locations that will not cause inconvenience to public travel and adjoining owners, tenants and occupants. Excessive stockpiling, as determined by the City or its duly appointed representative, of excavated materials from construction will not be permitted. The security of all stockpiled materials is the responsibility of the Contractor.

15.0 DISPOSAL OF SURPLUS EXCAVATED MATERIAL

Surplus materials obtained from any type of excavation or removal, and not needed for further use as determined by the City's authorized agent, shall become the property of the Contractor and shall be legally disposed of off-site subject to the regulations and requirements of local authorities governing the disposal of such materials, at no additional compensation.

16.0 PROPERTY BOUNDS

The Contractor shall exercise due care when working around all property bounds which are to remain. Should damage or displacement to a bound result from action of the Contractor, the bound shall be replaced and/or reset to its intended position by a Massachusetts licensed Professional Land Surveyor at no cost to the City and accompanied by a Massachusetts licensed Land Surveyor's affidavit. The Contractor shall set new bounds along relocated street lines at the locations shown on the plans.

17.0 ORDERING OF MATERIALS AND SHOP DRAWINGS

Contractor shall provide the City, within the thirty (30) days of receipt of the Contract, written evidence that Shop Drawings have been ordered for the materials for which they are required under this Contract.

The Contractor shall further provide the City written evidence within 30 days of receipt of the Contract that these orders have been confirmed in writing by the manufacturer with delivery date appropriate for timely completion of the project. These confirmations of orders will become part of the project records.

Failure to comply within any of the ordering requirements shall nullify a request for extension of the project completion date as a consequence of later delivery of castings.

18.0 PROVISIONS FOR ACCESS

Access to all businesses and residences abutting the project area, must be maintained at all times. The Contractor shall provide safe and ready means of ingress and egress to all businesses and residences, both day and night, for the duration of the project.

The Contractor shall be responsible for the safety of his or her personnel, and the general public, in such locations while these areas are affected by construction operations. The Contractor shall

cooperate with the various utility companies, public agencies and the municipality, and provide access through the site if required for their work or to observe work in connection with this project that affects their respective properties, but all official orders and directives to the

19.0 CONFLICTS BETWEEN CONTRACT DOCUMENTS

Wherever a conflict exists between the Special Provisions, Plans, Supplemental Specifications, Standard Specifications, the conflict shall be resolved in accordance with Subsection 5.04, Division I, of the Standard Specifications, unless otherwise stipulated in these Special Provisions.

20.0 PROCEDURES FOR SHOP DRAWING SUBMITTALS

The following procedure shall be followed when making shop drawing submittals for this project.

1. The Contractor shall submit an electronic set (.pdf) of shop drawings directly to the Design Engineer via email:

Christopher Seman, Transystems Corporation (TSC), e-mail cmseman@transystems.com
101 Arch Street, Suite 301
Boston, MA 02110

Copies should also be submitted to the City of Springfield DPW Director / City Engineer.
DPW Director – Christopher M. Cignoli, P.E. e-mail ccignoli@springfieldcityhall.com
70 Tapley Street, Springfield, MA 01104, and to:

City Engineer – Andrew Krar, P.E. e-mail akrar@springfieldcityhall.com
70 Tapley Street, Springfield, MA 01104

2. The Design Engineer will send a written reply, returning an electronic set (.pdf) to the Contractor within two weeks of receipt of the drawings.
3. If the Design Engineer's reply indicates rejection of advises corrections or additions to the drawings, steps 1 and 2 are repeated until the Design Engineer indicates that approval will be given.
4. The Contractor shall take care that every separate document in each set of every submittal shall carry the following identifying information:

Information Required

- a. Community name of project
- b. Identifying item number from proposal
- c. Locations where material is proposed to be used, if applicable.
- d. Name of submitting
- e. Personal signature and title of an Official of the Prime Contractor
Authorized to make shop drawing submittals

Example

Springfield
Item 816.03
South Abutment

Contractor Doe Engineering
Joe Doe, Pres.

- f. Date of signature or submittal
- g. Description of what is on drawing
- i. A clear, signed Professional Engineer's stamp to be affixed per Specifications.

August 6, 2007
Metal grid deck

The Contractor shall not receive payment for, nor will he be allowed to install any item or materials which require shop drawing approval, unless and until they have received shop drawing approval for that item from the Design Engineer including an approval stamp placed thereon.

The following is a partial list of items and materials that required shop drawing approval. Along within each item is listed certain information which shall be clearly marked on the shop drawing or submittal.

- Steel grid deck shop drawings, including verification of existing field dimensions performed by the contractor (review by TSC)
- Lightweight concrete mix design, prepared by the contractor's engineer (review by TSC)
- Traffic management plan (review by City of Springfield)
- Shielding/work platform design, including drawings & calculations stamped by a PE (review by TSC)

21.0 PROMPT PAYMENT AND RELEASE OF RETAINAGE TO SUBCONTRACTORS

The Contractor agrees to pay each subcontractor under this prime contract for satisfactory performance of subcontract work not later than 10 business days from the receipt of each payment the prime contractor receives from the City. Failure to comply with this requirement may result in the withholding of payment to the prime contractor until such time as all payment due under this provision has been received by the subcontractor(s).

The Contractor further agrees to make payment in full, including retainage, to each subcontractor not later than 10 business days after the subcontractor has completed all of the work required under its subcontract.

BID NO. 23-148
UNIT PRICE BID PROPOSAL FOR

REPAIRS TO THE WEST STREET BRIDGE

CITY OF SPRINGFIELD, MASSACHUSETTS
OFFICE OF PROCUREMENT
36 Court Street, Room 307
Springfield, MA 01103

The City of Springfield, acting through its Chief Procurement Officer, hereinafter called the awarding authority, for the furnishing of all labor and materials required for the Contract, and in accordance with the plans and specifications prepared by the Department of Public Works, and its consultants, Transystems Corporation of Massachusetts.

This Unit Price Bid Proposal consists of the following:

- Repair / Replacement of 8' +/- length of concrete filled steel grid bridge deck on each end of the West Street bridge structure which will also include the removal / resetting of granite curbs. Work will also include the posting of a vehicular detour as the bridge will be allowed to be closed during construction.

The undersigned, as bidder, declares that the only persons, or parties, interested in this proposal as principals are those named herein; and he proposes and agrees, if this proposal is accepted, that he will contract with the City in the form of the labor, equipment, machinery, tools, apparatus, and by other means of construction, and to do all of the work and furnish all of the materials specified in the contract, in the manner and time therein prescribed, and according to the requirements of the Department of Public Works as therein set forth, and that he will take in full payment, the following unit prices, to wit:

Base Bid

Repairs to the West Street Bridge

MassDOT Bridge No. L-16-016=S-24-001 (0M7)

Specification Section Reference	Quantity	Unit	Item Description	Contractor Total Item Cost
107.951	1	Lump Sum	Remove and Replace Concrete Filled Grid Deck	\$
850.000	1	Lump Sum	Safety Controls for Construction Operations	\$
			Total Contractor Cost	\$

BID NO. 23-148

UNIT PRICE BID PROPOSAL FOR
REPAIRS TO THE WEST STREET BRIDGE
CITY OF SPRINGFIELD, MASSACHUSETTS

The Contractor hereby acknowledges receipt of Addenda numbers _____. (Write in numbers of addenda received, if none, write "None")

If this proposal shall be accepted and the undersigned shall fail to contract or commence work as aforesaid and to give a bond in the sum to be determined in the aforesaid with surety satisfactory to the City, within five (5) days, Saturdays, Sundays and legal holidays excluded, from the date of the given, that the contract is read for signature, the City may, at its option, determine that the bidder has abandoned the Proposal or Contract Agreement, and thereupon the bid security submitted covering this proposal shall become the property of the City of Springfield, otherwise, the said bid security shall be returned to the undersigned.

The undersigned hereby certifies that he is able to furnish labor that can work in harmony with all other elements of labor employed, or to be employed on the work.

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

UNIT PRICE BID PROPOSAL FOR
REPAIRS TO THE WEST STREET BRIDGE
CITY OF SPRINGFIELD, MASSACHUSETTS

If the bidder is an individual, or individuals, doing business as a firm, give the full name and address of each individual.

NAME	ADDRESS
_____	_____
_____	_____
_____	_____

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

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

And if any of the joint ventures are a corporation, a copy of the vote of the corporation authorizing the joint venture should be attached hereto.

The names and addresses of all persons interested in this proposal as principals other than previously indicated are:

The proposed surety on the bond to be given is:

Name: _____
Home Office Address: _____
Massachusetts Address (if different): _____

THE UNDERSIGNED CERTIFIES UNDER PENALTIES OF PURJURY THAT THIS BID IS IN ALL RESPECTS BONA FIDE, FAIR AND MADE WITHOUT COLLUSION OR FRAUD WITH ANY OTHER PERSON. AS USED IN THIS SECTION THE WORD "PERSON" SHALL MEAN ANY NATURAL PERSON, JOINT VENTURE, PARTNERSHIP, CORPORATION OR OTHER BUSINESS OR LEGAL ENTITY.

DATE: _____

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

NAME: _____
ADDRESS: _____
SIGNED BY: _____
TITLE: _____
THE BIDDER IS A/AN _____

Individual, Partnership, Corporation, Joint Venture, Trust

Notice: Bid should be signed in ink by the person authorized on the Corporate Certificate, and the person's title should be given as "Owner", in the case of a general partnership, "President", "Treasurer", or other authorized officer in the case of a corporation.

COPROPRATE CERTIFICATE

I, _____ a resident of _____ in the state
of _____ DO HEREBY CERTIFY: that I am the Clerk / Secretary of
_____ a corporation duly organized
and existing under and by virtue of the laws of the State of
_____ and that I have custody of the records of such
Corporation: and that as of the date herein below recited.

_____ is the _____
*(Officer) *(Title)

Authorized to execute and deliver in the name and on behalf of the corporation the following:

IN WITNESS WHEREOF, I have set my hand and affixed the Corporate Seal of such Corporation the
_____ day of _____, 20_____.

(Affix)
(Seal)
(Here)

** _____
Clerk / Secretary

*THIS MUST BE THE NAME OF THE PERSON AUTHORIZED IN YOUR BYLAWS TO SIGN CONTRACTS

**SINCE AN OFFICER CANNOT CERTIFY TO HIMSELF, THIS MUST BE SIGNED BY SOMEONE OTHER THAT THE ONE SIGNING THE CONTRACT.

THIS IS A SAMPLE CONTRACT AGREEMENT. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO SIGN A CONTRACT PREPARED BY THE CITY LAW DEPARTMENT THAT WILL BE SUBSTANTIALLY CONSISTENT WITH THIS SAMPLE. APPROPRIATE SPECIFICS REGARDING THE BID SPECIFICATIONS AND BID RESPONSES WILL BE INCORPORATED. IF THERE ARE ANY CONFLICTS BETWEEN THE GENERAL CONDITIONS AND THIS CONTRACT, THEN THIS CONTRACT WILL CONTROL.

CITY CONTRACT NO. _____

THIS AGREEMENT, made this _____ day of _____ in the year two thousand ten at Springfield, Massachusetts, by and between
(NAME OF CONTRACTOR, ADDRESS)
a Massachusetts Corporation, (hereinafter called the Contractor), and the **CITY OF SPRINGFIELD**, a municipal corporation acting by and through its _____ Department, with the approval of its Mayor (hereinafter called the CITY),

WITNESSETH as follows:

ARTICLE I

1. The Contractor shall perform all work and provide all the apparatus, energy equipment, fuel, labor, light, materials, scaffolding, tools, transportation, insurance, utensils and other things required for the construction of the _____ in accordance with the Specifications titled _____, dated _____, 2015 as prepared by _____, acting as and in these Contract Documents hereinafter called the Architect.

2. The Project Manual, Drawings, Plans, and Specifications (hereinafter "Specifications") are made a part of this Contract to the same extent as if specifically set forth herein, except as otherwise herein provided. All Addenda and modifications to the Specifications issued after the execution of this Contract are made a part of this Contract to the same extent as if specifically set forth herein, except as otherwise herein provided or in said Addenda or modifications.

3. All of the work and labor performed under this Contract shall be performed and all of the materials furnished shall be in strict conformity with the said Drawings, Specifications, Addenda, or modifications and the Contractor accepts and consents to the conditions contained in said Drawings, Specifications, Addenda, or modifications and expressly agrees to comply with every requirement and stipulation therein contained. Willful and/or substantial deviations, by the Contractor, from the manuals, plans, drawings, or specifications shall be governed by **M.G.L. c. 30, section 39 I**, in addition to any other remedies provided under this Contract.

4. The term "**Contract Documents**" or "**Contract**" shall mean the following:

1. This Contract Agreement
2. The Project Manuals, Plans, Drawings, & Specifications, with addenda and modifications
3. Addenda # _____
4. Alternate # _____
5. The City's Request for Bids and the Contractor's Bid Proposal
6. The Filed Sub Contractors' Bids
7. Corporate Certificates
8. The Contractor's Performance and Labor & Materials Bond
9. The Affirmative Action Plan
10. Contractor's Insurance Certificates
11. The Minority Business Enterprise Commitment

12. The Prevailing Wage Rates
13. Supplemental Equal Employment Opportunity Anti Discrimination and Affirmative Action Program
14. Responsible Employer Ordinance requirements, if applicable to this Contract.

5. In the event that any provisions in any of the Contract Documents conflict with any other provisions thereof, the provision contained in the portion of the Contract Documents first enumerated above in this paragraph will govern, except as may otherwise be specifically stated.

6. Decisions by the City or the Architect on a dispute, whether of fact or of law, arising under this Contract shall be final, subject to M.G.L. c. 30, section 39J. Pursuant to M.G.L. c. 30, section 39P, decisions shall be made promptly and, in any event, no later than thirty (30) days after a written request for a decision, but if the City requires extended investigation and study, the City or the Architect shall, within thirty (30) days after the receipt of the written request, give the party making the request the reasons why the decision cannot be made within the thirty (30) day period and the date by which the decision will be made.

7. The Contractor and all Sub-Contractors shall be an independent contractor as to the City. No power or authority granted to the City by this Contract shall be interpreted in such manner as to defeat the status of the Contractor and all Sub-contractors as independent contractors.

ARTICLE II

1. The Contractor acknowledges having sufficient knowledge regarding the nature and extent of the Contract Documents, and Federal, State and local laws, ordinances, rules and regulations that in any manner may affect cost, progress or performances of the Work.

2. The Contractor has given the Architect written notice of any conflict, error or discrepancy that the Contractor has discovered in the Contract documents, has received a written resolution, and the written resolution thereof by Architect is acceptable to Contractor.

3. The Contractor agrees that the Contract Documents are sufficient in scope and detail to indicate and convey an understanding of all terms and conditions for performance of the Work. The work shall be done under the general direction of the Architect and the Architect's decision as to the true construction and meaning of the drawings and specifications shall be final. The Architect shall furnish to the Contractor such further drawings or explanation as may be reasonably necessary to detail and illustrate the work to be done, and the Contractor shall conform to the same as part of this contract so far as they may be consistent with the original drawings and specifications referred to in Article I.

4. The Contractor warrants and represents that the Contractor has the staff, equipment, training, experience, and financial stability to perform this contract and accepts that the City is relying on this representation.

ARTICLE III

1. No alteration shall be made in the work shown or described by the manuals, plans, drawings, and specifications except upon a written order of the Architect accompanied by written approval of the _____ (authorized representative) of the City. The work shall be performed in accordance with such order, if any, and the value of work so added or omitted shall be computed by the Architect and the amount so ascertained shall be added or deducted from the contract price.

2. All change orders shall be executed in conformity with **Section 4.12.070 of the Springfield Revised Ordinances, 1986, as amended**. The Contractor acknowledges having sufficient knowledge of the nature and extent of the Contract Documents, and Federal, state, and local laws, ordinances, rules and regulations that in any manner may affect cost, progress or performance of the Work.

ARTICLE IV

1. In addition to the Contract Documents, all work and materials shall comply in every respect with federal, state, and local laws and regulations and the directions of state and city inspectors of buildings.
2. This Contract shall be construed pursuant to **MGL C. 149**.
3. The Contractor shall give the proper authorities all required notices relating to this work, obtain all official permits required, and pay all fees for the same.
4. The Contractor shall comply with applicable federal and state **OSHA regulations**. Pursuant to **M.G.L. c. 30, section 39S**, the Contractor hereby certifies, **under the pains and penalties of perjury**,
 - a. that the Contractor is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work;
 - b. that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee.
 - c. Any employee found on the worksite without documentation of successful completion of a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration shall be subject to immediate removal.
5. The Contractor shall comply with **M.G.L. c. 82, Section 40**, which requires contractors to notify public utility companies in writing at least forty eight (48) hours (excluding Saturdays, Sundays and legal holidays) before excavating in any public way.

ARTICLE V

The Owner shall have power to require the Contractor or any Sub-Contractor to immediately dismiss any workman, watchman, or other servant of the Contractor or Sub-contractor, who shall, in the Owner's opinion, be incompetent, disorderly or otherwise unsatisfactory, and the Contractor shall forthwith comply with such requirement and require such compliance by the Sub-contractor.

ARTICLE VI

1. The Contractor shall not employ any subcontractor without the previous written consent of the Owner expressed in writing and signed by the _____ (authorized representatives) of the City.
2. The Contractor shall neither assign nor underlet this contract, nor assign, either legally or equitably, any of the monies payable hereunder, or any claims thereto, unless with the previous consent of the City expressed in writing and signed by the _____ (authorized representatives) of the City and by written amendment to this Contract.

ARTICLE VII

1. A competent foreman shall always be kept upon the premises, to whom all notices and orders may be delivered, and who shall superintend the Contractor's work and workforce.
2. A foreman shall maintain at the site for the City one copy of all Manuals, Plans, Drawings, Specifications, Addenda, approved Shop Drawings, Change Orders, and other modifications, in good order and marked to record all changes made during construction.

3. All of the above described documents shall be made available to the Architect and the City during the Contract Term and shall be delivered to the Chief Procurement Officer upon completion of the work.

ARTICLE VIII

The Contractor hereby agrees to and shall at all times defend, indemnify and hold the City and its officers, agents and employees, wholly harmless from any and all losses, cost, expenses (including court costs and attorneys' fees, interest and profits), claims, demands, suits by any person or persons, injuries, damages or death, and other liabilities of whatever kind or nature, caused by, resulting from, incident to, connected with, or arising directly or indirectly out of the act or omission by the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be legally responsible, whether or not caused in part by any act or neglect on the part of the City, its officers, employees, agents or servants, or others, including parties indemnified hereunder. This indemnity shall survive termination of the contract.

ARTICLE IX

The Contractor shall provide sufficient safe and proper facilities at all times for the inspection of the work by the Owner and the Architect or their authorized representatives, and shall, within twenty four (24) hours after receiving written notice from the Architect to that effect, proceed to remove from the grounds or buildings all materials condemned by the Architect whether worked or un-worked, and to take down all portions of the work which shall be, by written notice, condemned as unsound or improper, or as in any way failing to conform to the Manuals, plans, drawings and specifications, and shall complete such removal or taking down within such reasonable time as may be specified in such notice. In case the Contractor fails to comply with any such notice, the City may do the work therein specified and charge the cost thereof to the account of the Contractor, in addition to any other remedies of the City.

ARTICLE X

1. If the Contractor shall at any time refuse or neglect to supply a sufficiency of properly skilled workmen or materials of the proper quality, or fail in any respect to prosecute the work with promptness and diligence, or fail in the performance of any of the agreements herein contained, such refusal, neglect or failure being certified by the Architect, the City may, after three (3) consecutive calendar days written notice given to the Contractor by the Architect, provide any such labor or materials, and deduct the cost thereof from any money then due or thereafter to become due to the Contractor under this contract, in addition to any other remedies of the City.

2. If the Architect shall certify that such refusal, neglect or failure is sufficient ground for such action, or if the Contractor shall be adjudged a bankrupt, or if the Contractor shall make a general assignment for the benefit of the Contractor's creditors, or if a receiver shall be appointed to take charge of the Contractor's property, the City may immediately terminate the employment of the Contractor for the said work and enter upon the premises and take possession, for the purpose of completing the work included under this contract, of all materials, tools and appliances thereon. The City may employ any other person or persons to finish the work, and may provide the materials thereof, and in case of such discontinuance of the employment of the Contractor, the Contractor shall not be entitled to receive any further payment under this contract until the expiration of sixty five (65) days after said work shall be wholly finished, at which time, if the unpaid balance of the amount to be paid under this contract shall exceed the expense and damage incurred by the City in finishing the work, such excess shall be paid by the City to the Contractor. If the expense and damage incurred by the City shall exceed such unpaid balance, the Contractor shall pay the difference to the City within thirty (30) consecutive calendar days of the date of the invoice therefore. The expense incurred by the City as herein provided, either for furnishing materials or for finishing the work and any damage incurred through such default, shall be audited and certified by the Architect, whose certificate thereof shall be conclusive on the parties hereto.

ARTICLE XI: TERM OF CONTRACT, WORK COMPLETION DATES

1. COMMENCEMENT DATE:

The Contractor agrees that the Contractor shall commence the Work within five (5) consecutive calendar days of the date of the Notice to Proceed or the date the Mayor signs this Contract, whichever is earlier.

2. CONTRACT SUBSTANTIAL COMPLETION DATE:

The Contractor shall achieve Substantial Completion of the whole of the work comprehended in this contract by the following Contract Substantial Completion Date:

(CONTRACT SUBSTANTIAL COMPLETION DATE = WITHIN _____ CONSECUTIVE CALENDAR DAYS OF THE COMMENCEMENT DATE – THE COMMENCEMENT DATE IS DAY NUMBER 1)

Substantial Completion is defined as the date certified or declared by the Architect when the services to be performed by the Contractor are sufficiently complete, so the City can utilize the work product for the use for which it is intended. The Architect's decision shall be conclusive as to whether and when Substantial Completion has been achieved.

When the Contractor believes that the Contractor has achieved Substantial Completion, the Contractor shall set up, arrange, and attend a substantial completion meeting with the Architect and the _____ (authorized representative of the City) to review the work product of the Contractor and determine if any corrections of any errors or further work needed to be done before substantial completion is achieved. The Architect shall prepare a written confirmation of the terms and conditions determined at the substantial completion meeting and provide this report to the Contractor and _____ (authorized representative of the City) within two (2) calendar days of the substantial completion meeting.

The Contractor agrees to pay as **liquidated damages** the sum of Five Hundred Dollars (\$500.00) per day, starting with the first consecutive calendar day after the Contract Substantial Completion Date up to and including the date of Actual Substantial Completion.

It is the obligation of the Contractor to obtain from the Architect, at the time of actual substantial completion, information regarding all work still outstanding, any corrections of errors, or any further work needed to be done before Final Completion may be achieved.

3. FINAL COMPLETION DATE:

The Contractor agrees that within **thirty (30) consecutive calendar days after the actual substantial Completion Date**, the Contractor shall achieve Final Completion and Acceptance by the City or be subject to **liquidated damages** of One Thousand Dollars (\$1,000.00) per day, starting with the thirty-first (31st) consecutive calendar day after actual Substantial Completion up to and including the date of Final Completion and Acceptance by the City.

Final Completion is defined as the date certified or declared by the Architect when all the work outstanding at Substantial Completion has been completed and been accepted by the City. The Architect's and the City's decision shall be conclusive as to whether and when Final Completion and Acceptance has been achieved.

4. TIME IS OF THE ESSENCE FOR COMPLETION OF THE SERVICES REQUIRED BY THIS AGREEMENT. No extension of time shall be valid unless set forth in a written amendment to the Agreement signed by all required signatories.

5. If the Contractor claims that the Contractor is not able to timely perform the services under this Agreement due to any failure or fault on the part of the City, the Architect, another contractor employed by

the City, or entity not under the control of the Contractor, then the Contractor is required to set forth this claim, in writing, to the Architect and the _____ (authorized representative of the City), within five (5) consecutive calendar days of the failure or fault or be barred from establishing this claim.

6. If the Contractor is delayed in its performance as a result of an excusable cause, the City may, in its sole discretion, (1) extend the time for completion by a written amendment to this Agreement, or (2) terminate this Agreement and obtain substitute services and in that event, the City shall be liable only for the pro-rata value of satisfactory services performed to the date of termination.

7. The Contractor agrees that the Work shall be prosecuted regularly, diligently, and uninterrupted and at such rate of progress as will insure full completion thereof within the Contract time stated above. It is expressly understood and agreed, by and between Contractor and Owner, that the Contract time is reasonable for the completion of the Work.

ARTICLE XII

1. Should the Contractor be obstructed or delayed in the prosecution or completion of the work by any damage which may happen by fire, lightning, earthquake, or cyclone, severe and unusual winter weather freezing conditions (as determined by the Architect and approved by the City) or the abandonment of the work by the employees through no fault of the Contractor, then the time herein fixed for the completion of the work may be extended for such period as the Architect shall determine and certify in writing to the Contractor and to the City to be equivalent to the time lost by reason of any or all of the causes aforesaid.

2. No such allowance shall be made unless a claim therefore is presented in writing by the Contractor to the Architect and to the City within twenty four (24) hours of the occurrence of such delay, and in no event shall the Contractor have any claim against the City for damages on account of any such delay in the completion of the work. **No extension of time shall be valid unless set forth in a written amendment to this Agreement signed by all required signatories.**

ARTICLE XIII

All materials used shall be of the best quality of their respective kinds, and all the work performed shall be executed in the most skillful and workmanlike manner, and both materials used and work performed shall be in every respect to the entire and complete satisfaction of the Architect and the City.

ARTICLE XIV

The Contractor at all times shall keep the construction site free from accumulation of waste materials or rubbish caused by the Contractor's operation. The Contractor shall provide temporary barriers, warning lights, and other implements in order to protect areas not requiring construction work. The Contractor shall, upon the completion of said work, remove all the scaffolding, fencing, rubbish, tools, construction equipment, machinery and surplus materials then remaining in or about the said construction site and shall leave the construction site in a perfect and proper condition. The Contractor shall make the same requirements as to its Sub-contractors.

ARTICLE XV COMPENSATION AND DATES OF PAYMENT

1. a. The maximum sum to be paid by the City to the Contractor for said work and materials shall be: **\$0.00**
(_____ **DOLLARS**). **The maximum sum may not be changed without a written amendment to this Contract signed by all required signatories.**

- b. All obligations of the City under this Contract are subject to a prior appropriation therefore.
2. Nothing in this Article XV is meant to modify or affect the dates for the completion of the work.
3. The Contractor shall provide periodic invoices in the form required by the City, including any supporting documentation, to the attention of the person and at the address required by the City. An invoice shall not be considered as received until it is received in the proper format and by the designated person.
4. The payment of compensation to the Contractor shall be subject to the provisions of **Massachusetts General Laws chapter 30, section 39K** as follows:

A. Monthly periodic invoices:

Within fifteen (15) days after receipt from the Contractor of a periodic estimate requesting payment of the amount due for the preceding month, the City will make a periodic payment to the Contractor for the work satisfactorily performed during the preceding month for materials incorporated into the work, and for the materials not incorporated in the work but delivered and suitably stored at the site (or at some location agreed upon in writing) and to which the Contractor has title or to which a subcontractor has title and has authorized the Contractor to transfer title to the City, upon certification by the Contractor that the Contractor is the lawful owner and that the materials are free from all encumbrances, but less:

1. A retention based on the City's estimate of the fair value of the City's claims against the contractor; and less
2. A retention for direct payment to subcontractors based on demands in accordance with the provisions of **Chapter 30, section thirty nine F**; and less
3. A retention not exceeding five (5%) percent of the approved amount of the periodic payment.

B. Final Payment

After the receipt from the Contractor of a periodic estimate requesting final payment and within sixty-five (65) days after

(a) the Contractor fully completes the work or substantially completes the work so the value of the work remaining to be done is, in the estimate of the City, less than one (1%) percent of the original contract price, or

(b) the Contractor substantially completes the work and the City takes possession for occupancy, whichever occurs first, the City shall pay the Contractor the entire balance due on the contract, less:

1. A retention based on the City's estimate of the fair value of the City's claims against the Contractor and of the cost of completing the incomplete and unsatisfactory items of work; and less
2. A retention for direct payments to subcontractors based on demands in accordance with the provisions of Chapter 30, section thirty nine F or based on the record of payments by the Contractor to the subcontractors under this contract if such record of payment indicates that the Contractor has not paid subcontractors as provided in Chapter 30, section thirty-nine F.

Substantial and Final Completion of the work is defined in Article XI.

C. If the City fails to make payments as herein provided there shall be added to each such payment daily interest at the rate of three (3%) percentage points above the rediscount rate then charged by the Federal Reserve Bank of Boston commencing on the first day after said payment is due and continuing until the payment is delivered or mailed (date delivered to the U.S Postal Service) to the Contractor, provided, that no interest shall be due in any event, on the amount due on a periodic estimate for final payment until fifteen (15) days after receipt of such a periodic estimate from the Contractor, at the place designated by the City if such place is so designated. The Contractor agrees to pay to each Subcontractor a portion of any such interest paid in accordance with the amount due each Subcontractor.

D. The Awarding Authority may make changes in any periodic estimate submitted by the Contractor and the payment due on said periodic estimate shall be computed in accordance with the changes so made, but such changes or any requirement for a corrected periodic estimate shall not affect the due date for the periodic payment or the date for the commencement of interest charges on the amount of the periodic payment computed in accordance with the changes made as provided herein; provided, that the City may, within seven (7) days after receipt, return to the Contractor for correction, any periodic estimate which is not in the required form or which contains computations not arithmetically correct and, in that event, the date of receipt of such periodic estimate shall be the date of receipt of the corrected periodic estimate in proper form and with arithmetically correct computations. The date of receipt of a periodic estimate received on a Saturday shall be the first working day thereafter. The provisions of **Chapter 30, section thirty-nine G** relating to public ways shall not apply to any contract for the construction, reconstruction, alteration, remodeling, repair, or demolition of any public building to which this section applies.

E. All periodic estimates shall be submitted to the City or to its designee who has been identified in writing to the Contractor, and the date of receipt by the City or its designee shall be marked on the estimate. All periodic estimates shall contain a separate item for each filed sub trade and each sub-trade listed in the sub-bid form as required by the specifications and a column listing the amount paid to each subcontractor and sub-subcontractor as of the date the periodic estimate is filed. The person making payment for the City shall add the daily interest provided for herein to each payment for each day beyond the due date based on the date of receipt marked on the estimate.

F. A certificate of the Architect to the effect that the Contractor has fully or substantially completed the work shall, subject to the provisions of **Chapter 30, section 39 J**, be conclusive for the purposes of this section.

G. Notwithstanding the provisions of this section, at any time after the value of the work remaining to be done is, in the estimation of the City, less than one per cent (1%) of the adjusted contract price, or the City has determined that the Contractor has substantially completed the work (as defined in Article XI) and the City has taken possession for occupancy, the City may send to the Contractor, by certified mail, return receipt requested, a complete and final list of all incomplete and unsatisfactory work items, including, for each item on the list, a good faith estimate of the fair and reasonable cost of completing such item. The General Contractor shall then complete all such work items within thirty (30) consecutive calendar days of receipt of such list or before the contract completion date, whichever is later. If the General Contractor fails to complete all incomplete and unsatisfactory work items within forty-five (45) consecutive calendar days after receipt of such items, furnished by the City, or before the contract completion date, whichever is later, subsequent to an additional 14 consecutive calendar days' written notice to the General Contractor, by certified mail, return receipt requested, the City may terminate the contract and complete the incomplete and unsatisfactory work items and charge the cost of same to the General Contractor and such termination shall be without prejudice to any other rights or remedies the City may have under this contract including but not limited to liquidated damages. The City shall note any such termination in the evaluation form to be filed by the Awarding Authority pursuant to the provisions of section 44D of chapter 149.

ARTICLE XVI (M.G.L. c. 30, Section 39F)

A. Forthwith after the General Contractor receives payment on account of a periodic estimate, the General Contractor shall pay to each Subcontractor the amount paid for the labor performed and materials furnished by that subcontractor, less any amount specified in any court proceedings barring such payment and also less any amount claimed due from the Subcontractor by the General Contractor.

B. Not later than the sixty fifth (65th) day after each Sub-Contractor substantially completes the Sub-contractor's work in accordance with the plans and specifications, the entire balance due under the Sub-Contract, less amounts retained by the City as the estimated cost of completing the incomplete and unsatisfactory items of work, shall be due the Sub-Contractor, and the City shall pay that amount to the

General Contractor. The General Contractor shall forthwith pay to the Sub-Contractor the full amount received from the City less any amount specified in any court proceedings barring such payment and also less any amount claimed due from the Sub-Contractor by the General Contractor.

C. Each payment made by the City to the General Contractor, pursuant to sub-paragraphs A. and B immediately above in this Article 16, for the labor performed and the materials furnished by a Subcontractor shall be made to the General Contractor for the account of that Subcontractor; and the City shall take reasonable steps to compel the General Contractor to make such payment to each Subcontractor. If the City has received a demand for direct payment from a Sub-Contractor for any amount which has already been included in a payment to the General Contractor for payment to the Sub-Contractor as provided in said subparagraphs A and B, the City shall act upon the demand as provided in this Article XVI.

D. If, within seventy (70) days after the Sub-Contractor has substantially completed the subcontract work, the Sub-contractor has not received from the General Contractor the balance due under the subcontract including any amount due for extra labor and materials furnished to the General Contractor, less any amount retained by the City as the estimated cost of completing the incomplete and unsatisfactory items of work, the Sub-Contractor may demand direct payment of that balance from the City. The demand shall be by a sworn statement of the Sub-contractor, delivered to or sent by certified mail to the City, and a copy shall be delivered to or sent by certified mail from the Sub-contractor to the General Contractor at the same time. The demand shall contain a detailed breakdown of the balance due under the subcontract and also a statement of the status of completion of the subcontract work. Any demand made after substantial completion of the subcontract work shall be valid even if delivered or mailed prior to the seventieth (70) day after the Sub-Contractor has substantially completed the subcontract work. Within (10) days after the Sub-Contractor has delivered or so mailed the demand to the City and delivered or so mailed a copy to the General Contractor, the General Contractor may reply to the demand. The reply shall be a sworn statement of the General Contractor and delivered or sent by certified mail by the General Contractor to the City and a copy shall be delivered to or sent by certified mail by the General Contractor to the Sub-Contractor at the same time. The reply shall contain a detailed breakdown of the balance due under the subcontract including any amount for extra labor and materials to the General Contractor and of the amount due for each claim by the General Contractor and of the amount due for each claim made by the General Contractor against the Sub-Contractor.

E. Within fifteen (15) days after receipt of the demand by the City, but in no event prior to the seventieth (70) day after substantial completion of the subcontract work, the City shall make direct payment to the sub-contractor of the balance due under the subcontract including any amount due for extra labor and materials furnished to the General Contractor, less any amount (1) retained by the City as the estimated cost of completing the incomplete or unsatisfactory items of work; (2) specified in any court proceedings barring such payment; or (3) disputed by the General Contractor in the sworn reply; provided that the City shall not deduct from a direct payment any amount as provided in part (3) immediately above if the reply is not sworn to, or for which the sworn reply does not contain the detailed breakdown required by paragraph D immediately above. The City shall make further direct payments to the Sub-Contractor forthwith after the removal of the basis for deductions from direct payments made as provided in parts (1) and (2) of this subparagraph E.

F. The City shall forthwith deposit the amount deducted from a direct payment as provided in part (3) of subparagraph E. above in an interest-bearing joint account in the names of the General Contractor and the Sub-Contractor in a bank in Massachusetts selected by the City or agreed upon by the General Contractor and the Sub-Contractor and shall notify the General Contractor and the Sub-Contractor of the date of the deposit and the bank receiving the deposit. The bank shall pay the amount in the account, including accrued interest, as provided in an agreement between the General Contractor and the Sub-Contractor or as determined by decree of a court of competent jurisdiction.

G. All direct payments and all deductions from demands for direct payments deposited in an interest-bearing account in a bank pursuant to subparagraph F shall be made out of accounts payable to the General Contractor at the time of receipt of a demand for direct payment from a Sub-Contractor and out of amounts which later become payable to the General Contractor and in the order of receipt of such demands from Sub-Contractors. All direct payments shall discharge the obligation of the City to the General Contractor to the extent of such payment.

H. The Awarding Authority shall deduct from payments to a General Contractor amounts which, together with the deposits in interest bearing accounts pursuant to subparagraph F, are sufficient to satisfy all unpaid balances of demands for direct payments, and the Sub-Contractor shall have a right in such deductions prior to any claims against such amount by creditors of the General Contractor.

I. If the Sub-Contractor does not receive payment as provided in subparagraph A or if the General Contractor does not submit a periodic estimate for the value of the labor or materials performed or furnished by the Sub-Contractor and the Sub-Contractor does not receive payment for same when due less the deductions provided for in subparagraph A, the Sub-Contractor may demand direct payment by following the procedure in subparagraph D, and the General Contractor may file a sworn reply as provided in that same paragraph. A demand made after the first day of the month following that for which the Sub-Contractor performed or furnished the labor and materials for which the Sub-Contractor seeks payment shall be valid even if delivered or mailed prior to the time payment was due on a periodic estimate from the General Contractor. Thereafter the awarding Authority shall proceed as provided in subparagraphs E, F, G, and H.

ARTICLE XVII (M.G.L. chapter 30, Section 39N)

If during the progress of the work, the contractor or the City discovers that the actual sub surface or latent physical conditions encountered at the site differ substantially or materially from those shown on the plans or indicated in the contract documents either the Contractor or the City may request an equitable adjustment in the portion of the contract price applicable to work affected by the differing site conditions.

A request for such an adjustment shall be in writing and shall be delivered by the party making such claim of differing site conditions to the other party as soon as possible after such conditions are discovered. Upon receipt of such a claim from a Contractor or upon its own initiative, the City shall make an investigation of such physical conditions, and, if the physical conditions differ substantially or materially from the conditions shown on the plans or indicated in the contract documents or from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the plans and contract documents and are of such a nature as to cause an increase or decrease in the cost of performance or the work or a change in the construction methods required for the performance of the work which results in an increase or decrease in the cost of the work, the City shall make an equitable adjustment in the contract price and the contract shall be modified in writing by an amendment signed by all parties.

ARTICLE XVIII (M.G.L. c. 30, Section 39O.)

A. The City may order the General Contractor in writing to suspend, delay, or interrupt all or any part of the work for such period of time as it may determine to be appropriate for the convenience of the City; provided, however, that if there is a suspension, delay or interruption for fifteen (15) days or more due to a failure of the City to act within the time specified in this contract, the City shall make an adjustment in this contract price for any increase in the cost of performance of this contract but shall not include any profit to General Contractor on such increase; and provided further, that the City shall not make any adjustment in the contract price under this provision for any suspension, delay interruption or failure to act to the extent that such is due to any cause for which this contract provides for an equitable adjustment of the contract price under any other contract provisions.

B. The General Contractor must submit the amount of a claim under the provisions of subparagraph A immediately above to the City in writing as soon as practicable after the end of the

suspension, delay, interruption or failure to act and, in any event not later than the date of final payment under this contract and except for costs due to a suspension order, the City shall not approve any costs in the claim incurred more than twenty (20) days before the General Contractor notified the City in writing of the act or failure to act involved in the claim.

ARTICLE XIX

No certificate given or payment made shall be construed as a waiver of the right of the City either to reject any defective work or material or to require the fulfillment of any of the terms of this contract; and any final certificate or final payment shall not prevent a recovery by the City.

ARTICLE XX

1. If the Contractor in the performance of this contract shall either depart from the manuals, plans, drawings, specifications or substitute any other materials for a material named in the specifications, then the Contractor shall be liable and responsible to the City for any corrections or resulting damage.

2. The Contractor shall pay to the City all expenses, losses, and damages incurred in consequence of any defect, omission, deviation, improper work, or mistake of the Contractor or the Contractor's Sub-contractors or the Contractor's employees in the performance of the work under this contract.

ARTICLE XXI

The Contractor further covenants and agrees to hold and save the City, its officers, agents, servants and employees, harmless from and against all demands of any kind for or on account of the use of any patents for an invention, article, or appliance included in materials furnished or employed under this contract.

ARTICLE XXII

The Contractor shall comply and the Contractor shall require each of the Contractor's Sub-Contractors employed in the completion of the Project to comply with all applicable Federal, State, Territorial, and Local laws. The Contractor certifies that the work will be carried out in accordance with Chapter 149 of the Massachusetts General Laws. The Contractor shall not participate in or cooperate with an international boycott, as defined in **Section 999 (b) (3) and (4) of the Internal Revenue code of 1954**, as amended, or engage in conduct declared to be unlawful by **Section 2 of Chapter 151E** of the Massachusetts General Laws.

ARTICLE XXIII (M.G.L. c. 7, section 40N, 57 - 61; and the Responsible Employer Ordinances)

MINORITY AND WOMEN OWNED BUSINESSES:

1. If this is a state assisted building project (M.G.L. c. 7, section 40N (b)), the Contractor shall use its best good faith efforts to comply with state participation goals for Women Owned Businesses and Minority Owned Businesses.

WORKFORCE OF GENERAL CONTRACTOR AND SUB-CONTRACTORS

2. If by the value of the general contract or the sub-contract, the City's responsible employer ordinances are applicable to this contract or any sub-contract, then the Contractor shall also comply and shall require that the sub-contractor comply with the said ordinances and any violation of such ordinances shall be a material default of the Contractor, and the Contractor may be subject to sanctions and penalties provided by the ordinances in addition to any other remedies afforded to the City under this Contract.

ARTICLE XXIV M.G.L. c. 149, section 26

In the employment of mechanics, apprentices, teamsters chauffeurs, and laborers in the work under this Contract, preference shall be given

(1) first to citizens of Springfield who have been residents of the City for at least six months at the commencement of their employment AND who are veterans as defined in M.G.L. c. 4, section 7, clause 43, AND who are qualified to perform the work to which the employment relates, AND within such preference, there shall be a further preference given to service-disabled veterans; and

(2) second to citizens of Springfield generally who have been residents of the City for at least six months AND who are qualified to perform the work to which the employment relates at the commencement of their employment;

(3) third, if such citizens as described immediately above in paragraphs (1) and (2) cannot be obtained in sufficient numbers, then to citizens of the United States who are qualified to perform the work to which the employment relates.

ARTICLE XXV

The rate per hour of wages paid to said mechanics and apprentices, teamsters, chauffeurs and laborers employed in the said work under this Contract shall not be less than the rate or rates of wages to be determined by the Commissioner of Labor and industries as hereinafter provided; provided, that the wages paid to laborers employed on said work shall not be less than those paid to laborers in the municipal services of the City; provided, further that if in the City a wage rate or wage rates have been established in certain trades and occupations by collective agreements or understandings between organized labor and employers, the rate or rates to be paid on said works shall not be less than the rates so established; provided, further, that if no such rate or rates have been so established in the City, the wages paid to mechanics and apprentices, teamsters, chauffeurs and laborers on said work, shall not be less than the prevailing wages paid to the employees in the same trades and occupations by private employers engaged in the construction industry in the City.

Payments by employers to health and welfare plans, pension plans and supplementary unemployment benefit plans under collective bargaining agreements or understandings between organized labor and employers shall be included for the purpose of establishing minimum wage rates as herein provided. This article and Article XXIV are intended to be in compliance with Chapter 149, Section 26, of the General Laws and any acts in amendments thereof or in addition thereto.

ARTICLE XXVI (applicable only to public works contracts)

A schedule of rates or rates of wages obtained from the Division of Occupational Safety pursuant to a list submitted to the Commission of the jobs upon which mechanics and apprentices, teamsters, chauffeurs and laborers are to be employed in connection with said work, is attached hereto and made a part hereof; and it is agreed that said schedule shall be the minimum rate or rates of wages for said employees during the life of the contract. The Contractor shall cause a legible copy of said schedule to be kept posted in a conspicuous place at the site of said works during the life of the contract. This article is intended to be in compliance with Chapter 149, Section 27, of the General Laws and any acts in amendment thereof of in addition thereto.

ARTICLE XXVII (applicable only to public works contracts)

The Contractor shall pay to any reserve police officer employed by him the rate of wages paid to regular police officers in the City. This article is intended to be in compliance with Chapter 149, Section 34B, of the General Laws and acts in amendment thereof or addition thereto.

ARTICLE XXVIII

In case of any dispute as to wages arising under the preceding sections, the Commissioner of Labor and Industries shall investigate and decide what rate of wages in accordance with the preceding sections, shall be paid.

ARTICLE XXIX (applicable only to public works contracts)

The Contractor and every Subcontractor shall keep a true and accurate record of all mechanics and apprentices, teamsters, chauffeurs and laborers employed on said works, showing the name, address, and occupational classification of each such employee, and the hours worked by, and the wages paid to, each such employee, and shall furnish copies of same in required form and manner to the Commissioner of Labor and Industries and/or the City upon request, signed by the employer or his authorized agent under the pains and penalties of perjury. Such records shall be open to an authorized representative of the Department of Labor and Industries or the City at any reasonable time, and as often as may be necessary. Every Contractor and Subcontractor required to keep such a record shall submit a copy of said record to the Awarding Authority on a weekly basis.

Every Contractor and Subcontractor shall preserve its payroll records for a period of six (6) years from the date of completion of the contract. Every Contractor and Subcontractor shall furnish to the Commissioner of Labor and Industries within fifteen (15) days after the completion of its portion of the work a Statement of Compliance, in the form set forth in Chapter 149, Section 27B of the General Laws and any acts in amendment thereof or in addition thereto.

ARTICLE XXX

No laborer, workman, or mechanic, foreman or inspector working within the Commonwealth, in the employ of the Contractor, Sub Contractor or other person doing or contracting to do the whole or part of the work contemplated by the contract, shall be required or permitted to work more than eight (8) hours in any one day or more than forty-eight (48) hours in any one week, except in cases of emergency, or in case any town subject to section thirty one is a party to such a contract, more than eight (8) hours in any one (1) day, except as aforesaid. This article is intended to be in compliance with Chapter 149, Section 34, of the General Laws and acts in amendment thereof or in addition thereto.

ARTICLE XXXI

No Architect or teamster working within the Commonwealth in the employ of the Contractor, Sub-Contractor or other person doing or contracting to do the whole or part of the work contemplated by this contract, shall be required or permitted to work more than eight (8) hours in any one day or more than forty-eight (48) hours in any one week, except in cases of emergency, or in case any town subject to Section thirty-one is a party to such a contract, more than eight (8) hours in any one day, except as aforesaid.

ARTICLE XXXII

The Contractor shall not, nor shall the Contractor's agents or employees, directly or indirectly require, as a condition of employment in the work provided for by this contract, that any employee shall lodge, board or trade at a particular place or with a particular person. Every employee in public works shall lodge, board and trade where and with whom he (or she) elects; and no person or his agents or employees under contract with the Commonwealth, or county, city or town or with a department, board, commission or officer acting therefore, for the doing of public works shall directly or indirectly require, as a condition or employment therein, that the employee shall lodge, board or trade at a particular place or with a particular person.

ARTICLE XXXIII

The Contractor shall maintain the following insurances during the term of this Contract and shall provide certificates of such insurance at the time of execution of this contract by the Contractor:

- 1) Worker's compensation and employer's liability insurance as required by the Commonwealth of Massachusetts providing coverage for all claims pursuant to M.G.L. c. 152.
- 2) Comprehensive automobile and vehicle liability insurance covering claims based on personal injuries, including death, and/or damages to property arising from use of motor vehicles, including onsite and offsite operations, and owned, non-owned, or hired vehicles, with not less than \$1,000,000.00 single limits and \$2,000,000.00 aggregate limits.
- 3) Commercial general liability insurance covering claims based on personal injuries, including death, or damage to property arising out of any act or omission of the Contractor or of any of its employees, agents, or subcontractors, with not less than \$1,000,000.00 single limits and \$2,000,000.00 aggregate limits.

The City shall be named as an additional insured and the Contractor waives subrogation against the City as to said policies. The policies will provide that they will not be cancelled without 30 days prior notice to the City.

The insurers will be authorized to do business in Massachusetts.

The Contractor shall require the same insurances from its Sub-contractors.

ARTICLE XXXIV

The Contractor shall within TEN (10) days of Notice of Award furnish the City with

- (1) a Performance Bond in an amount equal to one hundred percent (100%) of the Contract sum as security for the faithful performance of this Contract, and also
- (2) a Labor & Materials Payment Bond in an amount equal to One Hundred percent (100%) of the Contract sum as security for the payment of all persons performing labor on the Project under this Contract and furnishing materials in connection with this Contract.

The said Performance and Labor and Materials bonds shall be affixed to this contract at its execution by the Contractor and have surety or sureties which are licensed to do business in the Commonwealth of Massachusetts and approved by the Mayor of the City.

ARTICLE XXXV

During the performance of this contract, the Contractor agrees as follows:

1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, gender or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, gender or national origin. 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. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this non-discrimination clause.

2. The Contractor will, in all solicitations or advertisements for employees place by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, gender or national origin.

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

4. For Federally funded projects, The Contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, as amended, and the rules, regulations, and relevant orders of the Secretary of Labor.

a. The Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, as amended, and by rules, regulations and orders of the Secretary of Labor, or pursuant thereto, and will permit access to the Contractor's books, records, and accounts by the Department and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

b. In the event of the Contractor's noncompliance with the non-discrimination clauses of this contract or with any of said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts of federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, as amended, or by rule, regulation or order of the Secretary of Labor, or as otherwise provided by Law.

c. The Contractor shall include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, as amended, so that such provisions will be binding upon each subcontract or purchase order as the Department may direct as a means of enforcing such provisions, including sanctions for noncompliance, provided however, that in the event a Contractor becomes involved in, or is threatened with, litigation with Sub-Contractor or vendor as a result of such direction by the Department, the contract may request the United States to enter into such litigation to protect the interest of the United States.

ARTICLE XXXVI

The City shall have the right to terminate the Contract in whole or in part, upon notice and terms as determined by the City, if:

A. any representation made by the Contractor to the City in connection with the Contract Documents shall be incorrect or incomplete in any material respect.

B. The Contractor fails to comply with any material or essential condition of this agreement or if the Contractor shall fail to diligently pursue the satisfactory and timely completion of this project in accordance with the project manuals, plans, drawings, and specification. It is expressly understood and agreed that the Contractor, in accordance with the terms of this Contract, shall notify both the Architect and the City in the event delays occur which delays affect the start of on-site labor or the timely completion of the project. Time is of the essence for the completion of this project.

C. The intent and purpose of the Project is changed substantially so as to significantly affect the accomplishment of the Project as intended, or for a failure of appropriation, or other reason in the best interest of the City.

D. The Contractor has violated commitments made by the Contractor in its proposal and supporting documents or has violated any of the terms or conditions of this Agreement.

E. Any official, employee, Architect, attorney, Engineer or inspector of or for the City or any State or local official or representative, becomes directly or indirectly interested, financially, in the acquisition of any materials or equipment, or in any construction for the Project, or in the furnishings of any service to or in connection with the Project, or in any benefit arising therefrom or from this Contract.

F. The Contractor fails to report immediately to the City any change of authorized representative(s) acting in lieu of or on behalf of the Contractor.

G. If applicable, the Contractor fails to use best efforts to fulfill its bona fide minority and women business enterprise participation goals or fails to comply with the City's responsible employer ordinances.

Should the City elect to terminate the Contract, the City shall be obligated to pay only for work and materials provided to the satisfaction of the City up to the date of termination less any damages owed by the Contractor to the City.

The City reserves the right to suspend the Contract and withhold further payment, or prohibit the Contractor from incurring additional obligations pending corrective action by the Contractor and/or a decision by the City to terminate the Contract unless the Contractor timely completes the work to the satisfaction of the City.

The City retains all other remedies provided by law or this contract.

ARTICLE XXXVII

1. The Contractor shall establish, maintain and preserve and the Contractor shall require each of its Sub-Contractors to establish, maintain and preserve property management, project performance, financial management, payrolls and reporting documents and systems, and such other books, records and other data pertinent to the Project as the City may require.

2. All such records shall be retained for a period of six (6) years following receipt of final payment.

3. The Contractor shall render and shall require each of its Sub Contractors to render to the City or any authorized representative of the City the right to inspect and monitor all records and data regarding work, materials, payrolls, personnel, invoices, and work performed under this contract, and other relevant data and records pertaining to the development and construction of the Project. The Contractor shall give the City access to and the right to examine all records, books, papers, data, or documents related to the Project or this contract for the entire time period beginning with Project commencement and ending six (6) years after final acceptance and final payment. The Contractor shall provide such information as is requested by the City

ARTICLE XXXVIII

The Contractor shall furnish and install all "weather protection" materials in accordance with M.G.L. c. 149, section 44G.

A. "Weather Protection" shall mean the temporary protection of that work adversely affected by moisture, wind and cold by covering and enclosing and/or heating. This protection shall provide adequate working areas during the months of November through March as determined by the Awarding Authority and be consistent with the approved construction schedule to permit the continuous progress of all work necessary to maintain an orderly and efficient sequence of construction operations.

B. Standards for such protection shall be established by the Deputy Commissioner of Planning and Operations in the Executive Office for Administration and Finance.

C. Responsibility for Weather Protection

1. The entire responsibility and expense for weather protection during construction until Final Completion, shall be assumed by the Contractor, who shall be liable for any damage to any work caused by the Contractor's failure to supply proper weather protection and proper ventilation as required.
2. Any work damaged by frost shall be removed and replaced by the Contractor at the Contractor's own expense and as directed by the Architect.
3. It is to be specifically understood that the Contractor shall do no work at any time or under any conditions that he or she deems unsuitable to the perfect execution of the Work. This provision shall not be interpreted as constituting any waiver, release or lessening of the Contractor's obligation to bring the Work to Substantial Completion and Final Completion within the period of time set forth in this Contract.

ARTICLE XXXIX (M.G.L. c. 30, section 39R)

(a) The words defined herein shall have the meaning stated below whenever they appear in this section:

(1) "Contractor" means any person, corporation, partnership, joint venture, sole proprietorship, or other entity awarded a contract pursuant to sections thirty-eight A1/2 to thirty-eight O, inclusive, of chapter seven and any contract awarded or executed pursuant to section eleven C of chapter twenty-five A, section thirty-nine M of chapter thirty, or sections forty-four A to forty-four H, inclusive, of chapter one hundred and forty-nine, **which is for an amount or estimated amount greater than one hundred thousand dollars.**

(2) "Contract" means any contract awarded or executed pursuant to sections thirty-eight A1/2 to thirty-eight O, inclusive, of chapter seven and any contract awarded or executed pursuant to section eleven C of chapter twenty-five A, section thirty-nine M of chapter thirty, or sections forty-four A through forty-four H, inclusive, of chapter one hundred and forty-nine, **which is for amount or estimated amount greater than one hundred thousand dollars.**

(3) "Records" means books of original entry, accounts, checks, bank statements and all other banking documents, correspondence, memoranda, invoices, computer printouts, tapes, discs, papers and other documents or transcribed information of any type, whether expressed in ordinary or machine language.

(4) "Independent Certified Public Accountant" means a person duly registered in good standing and entitled to practice as a certified public accountant under the laws of the place of his residence or principal office and who is in fact independent. In determining whether an accountant is independent with respect to a particular person, appropriate consideration should be given to all relationships between the accountant and that person or any affiliate thereof. Determination of an accountant's independence shall not be confined to the relationships existing in connection with the filing of reports with the City.

(5) "Audit", when used in regard to financial statements, means an examination of records by an independent certified public accountant in accordance with generally accepted accounting principles and auditing standards for the purpose of expressing a *certified* opinion thereon, or, in the alternative, a qualified opinion or a declination to express an opinion for stated reasons.

(6) "Accountant's Report", when used in regard to financial statements, means a document in which an independent certified public accountant indicates the scope of the audit which the CPA has made and sets forth the CPA's opinion regarding the financial statements taken as a whole with a listing of noted exceptions and qualifications, or an assertion to the effect that an overall opinion cannot be expressed.

When an overall opinion cannot be expressed the reason therefore shall be stated. An accountant's report shall include as a part thereof a signed statement by the responsible corporate officer attesting that management has fully disclosed all material facts to the independent certified public accountant, and that the audited financial statement is a true and complete statement of the financial condition of the contractor.

(7) "Management", when used herein, means the chief executive officers, partners, principals or other person or persons primarily responsible for the financial and operational policies and practices of the contractor.

(8) Accounting terms, unless otherwise defined herein, shall have a meaning in accordance with generally accepted accounting principles and auditing standards.

(9) "Transactions": receipts, disbursements, dispositions, and any other items generally recognized as material facts for an audit or CPA's report.

(b) Subsection (a)(2) above notwithstanding, every agreement or contract awarded or executed pursuant to sections thirty-eight A 1/2 to thirty-eight O, inclusive, of chapter seven, or eleven C of chapter twenty-five A, and pursuant to section thirty-nine M of chapter thirty or to section forty-four A through H, inclusive, of chapter one hundred and forty-nine, shall provide that:

(1) The contractor shall make, and keep for at least six years after final payment, books, records, and accounts which in reasonable detail accurately and fairly reflect the transactions and dispositions of the contractor, and

(2) until the expiration of six years after final payment, the office of inspector general, and the commissioner of capital asset management and maintenance shall have the right to examine any books, documents, papers, data, or records of the contractor or of his subcontractors that directly pertain to, and involve transactions relating to, the contractor or his subcontractors, and

(3) if the agreement is a contract as defined herein in part (a) above, the contractor shall describe any change in the method of maintaining records or recording transactions which materially affect any statements filed with the City, including in the description the date of the change and reasons therefore, and shall accompany said description with a letter from the contractor's independent certified public accountant approving or otherwise commenting on the changes, and

(4) if the agreement is a contract as defined herein in part (a) above, the contractor shall a statement of management on internal accounting controls as set forth in paragraph (c) below prior to the execution of the contract, and

(5) if the agreement is a contract as defined herein in part (a) above, the contractor shall file prior to the execution of the contract and will continue to file annually, an audited financial statement for the most recent completed fiscal year as set forth in paragraph (d) below.

(c) Every contractor awarded a contract as defined herein in part (a) above shall file with the City a statement of management as to whether the system of internal accounting controls of the contractor and its subsidiaries reasonably assures that:

(1) transactions are executed in accordance with management's general and specific authorization;

(2) transactions are recorded as necessary

i. to permit preparation of financial statements in conformity with generally accepted accounting principles, and

ii. to maintain accountability for assets;

(3) access to assets is permitted only in accordance with management's general or specific authorization; and

(4) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action was taken with respect to any difference.

Every contractor awarded a contract as defined herein in part (a) above shall also file with the City a statement prepared and signed by an independent certified public accountant, stating that the CPA has examined the statement of management on internal accounting controls, and expressing an opinion as to

(1) whether the representations of management in response to this paragraph and paragraph (b) above are consistent with the result of management's evaluation of the system of internal accounting controls; and

(2) whether such representations of management are, in addition, reasonable with respect to transactions and assets in amounts which would be material when measured in relation to the contractor's financial statements.

(d) Every contractor awarded a contract as defined herein in part (a) above by the commonwealth or by any political subdivision thereof shall annually file with the commissioner of capital asset management and maintenance during the term of the contract a financial statement prepared by an independent certified public accountant on the basis of an audit by such accountant. The final statement filed shall include the date of final payment. All statements shall be accompanied by an accountant's report. Such statements shall be made available to the City upon request.

(e) The office of inspector general, the commissioner of capital planning and operations and any other awarding authority shall enforce the provisions of this section. The commissioner of capital asset management and maintenance may after providing an opportunity for the inspector general and other interested parties to comment, promulgate pursuant to the provisions of chapter thirty A such rules, regulations and guidelines as are necessary to effectuate the purposes of this section. Such rules, regulations and guidelines may be applicable to all awarding authorities. A contractor's failure to satisfy any of the requirements of this section may be grounds for debarment pursuant to section forty-four C of chapter one hundred and forty-nine.

(f) Records and statements required to be made, kept or filed under the provisions of this section shall not be public records as defined in section seven of chapter four and shall not be open to public inspection; provided, however, that such records and statements shall be made available pursuant to the provisions of clause (2) of paragraph (b)

ARTICLE XL

The Contractor shall not employ any alien in the United States in violation of the Immigration and Nationality Act or any other law, convention, or treaty of the United States relating to the immigration, exclusion, deportation, or expulsion of aliens.

ARTICLE XLI

Unless otherwise required by the specifications or Contract Documents, the Contractor and its Sub-Contractors shall use raw material mined or produced in the United States and from United States Manufacturers substantially made from materials mined, produced or manufactured in the United States.

ARTICLE XLII

Each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein and the contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party the contract shall forthwith be physically amended to make such insertion.

ARTICLE XLIII

The laws of the Commonwealth of Massachusetts shall govern this agreement without regard to the law as to conflicts of law.

ARTICLE XLIV

The parties agree that the exclusive venue and forum for any action, whether at law or equity, shall be only in the Superior Court of Hampden County (except for claims by the City of a value less than \$25,000.00 which claims may be brought in the Springfield District Court), or the Federal District Court for the western district of Massachusetts, all sitting in Springfield.

ARTICLE XLV

A. Unless otherwise expressly provided herein, all notices and other communications given pursuant to this Agreement shall be in writing and shall be sent to the persons at the addresses identified below by

- (1) first class, United States Mail, postage prepaid, certified, with return receipt requested, or
- (2) hand delivery to the intended address, or
- (3) nationally recognized overnight delivery service that provides written proof of delivery.

All such notices and other communications shall be effective on the actual date of delivery, receipt, or rejection of delivery, if known, otherwise

- (i) in three (3) Business Days after deposit in United States Mail in case of (1) above,
- (ii) actual delivery in case of (2) above, and
- (iii) the next Business Day in case of (3) above.)

B. Notices to the City shall be sent to

With a copy to

City Solicitor
City of Springfield Law Department
36 Court Street, Room 210
Springfield, Massachusetts. 01103

Notices to the Contractor shall be sent to

Section 3 Clause included in Contract No.
Section 3 Clause

A. The work to be performed under this contract is subject to the requirements of section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (section 3). The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by section 3, shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.

B. The parties to this contract agree to comply with HUD's regulations in 24 CFR part 135, which implement section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the part 135 regulations.

C. The contractor agrees to send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.

D. The contractor agrees to include this section 3 clause in every subcontract subject to compliance with regulations in 24 CFR part 135, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR part 135. The contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR part 135.

E. The contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the contractor is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 135 require employment opportunities to be directed, were not filled to circumvent the contractor's obligations under 24 CFR part 135.

F. Noncompliance with HUD's regulations in 24 CFR part 135 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.

G. With respect to work performed in connection with section 3 covered Indian housing assistance, section 7(b) of the Indian Self-Determination and Education Assistance Act (25 U.S.C 450e) also applies to the work to be performed under this contract. Section 7(b) requires that to the greatest extent feasible (i) preference and opportunities for training and employment shall be given to Indians, and (ii) preference in the award of contracts and subcontracts shall be given to Indian organizations and Indian-owned Economic Enterprises. Parties to this contract that are subject to the provisions of section 3 and section 7(b) agree to comply with section 3 to the maximum extent feasible, but not in derogation of compliance with section 7(b).

IN WITNESS WHEREOF the parties have duly executed this contract, under seal, on the dates indicated below.

CONTRACTOR

CITY OF SPRINGFIELD

By _____
Title _____
Date signed _____

By: _____
(Department Head)
Date Signed _____

APPROVED AS TO APPROPRIATION

Approved

By: _____
City Comptroller
Date Signed _____

By: _____
Lauren Stabilo
Chief Procurement Officer
Date Signed _____

REVIEWED
(If contract term is for more than one year)

APPROVED AS TO FORM

By: _____
Chief Administrative and Finance Officer
Date Signed _____

By: _____
City Solicitor
Date Signed _____

APPROVED:

By: _____
MAYOR DOMENIC J. SARNO
Date signed: _____

SAMPLE
LABOR & MATERIALS (PAYMENT) BOND
BID NO. 15-XXX OOP'15 C# 2015XXXX V XXXXX

Know all men by these present, that and **INSERT COMPANY NAME** hereinafter called **PRINCIPAL**, as principal and _____ a corporation duly established by law and having a usual place of business in _____ County, hereinafter called the **SURETY**, as Surety, which is authorized to do a surety, guaranty and indemnity business in the Commonwealth of Massachusetts, and has complied with all the requirements of law for the transaction of such a business in said Commonwealth, are held and stand firmly bound unto the City of Springfield, a corporation duly established by law in the County of Hampden, in said Commonwealth, hereinafter call the **OBLIGEE**, As surety, you are held and firmly bound unto the **CITY OF SPRINGFIELD** in the sum of:

Insert Dollar Amount

Lawful money of the United States of American, to be paid to the City Treasurer, Springfield, Massachusetts for payment, well and truly made, we bind ourselves, our representative heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these present. Whereas, the said principal has made a contract with the City acting through its **Mayor, Chief Procurement Officer** under date of **DATE**

XXXXXXXXXXXXXXXXXXXX

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 purposes or items set out in, and to be subject to, the provisions of Massachusetts **General Laws Chapter 3039M**, as amended, then this obligations shall become null and void; otherwise it shall remain in full force and virtue.

In witness we hereunto set our hands and seal this _____ day of _____ 2015

PRINCIPAL: CONTRACTOR NAME

SURETY: _____

BY: _____

BY: _____

ITS: _____

ITS: _____

CORPORATE SEAL

CORPORATE SEAL

(Affix)
(Seal)
(Here)

(Affix)
(Seal)
(Here)

Approved as to Form:

Approved By:

CITY SOLICITOR

DOMENIC J. SARNO, MAYOR

PERFORMANCE/PAYMENT BOND
BID NO. 15-XXXX OOP'15 C# 2015XXXX V XXXX

KNOW ALL MEN BY THESE PRESENTS THAT **VENDOR NAME**, a Massachusetts corporation with its usual place of business at XXXXXXXXXXXXXXXXXXXXXX. Hereinafter called the **PRINCIPAL**, as Principal and _____ a corporation duly established by law and having a usual place of business in _____ County, hereinafter called the **SURETY**, as Surety, which is authorized to do a surety, guaranty and indemnity business in the Commonwealth of Massachusetts, and has complied with all the requirements of law for the transaction of such a business in said Commonwealth, are holden and stand firmly bound unto the City of Springfield, a corporation duly established by law in the County of Hampden, in said Commonwealth, hereinafter called the **OBLIGEE**, in the sum of:

INSER PRICE

to the payment of which to the said City of Springfield, or its successors or assigns, we hereby jointly and severally bind ourselves, our successors and assigns.

THE CONDITION of this obligation is such _____ that, **WHEREAS** the said Principal has entered into a written contract with the said City of Springfield XXXXXXX,

XXXX XXXX XXXXX

NOW THEREFORE, if the said Principal shall truly and faithfully perform and do all the things which the said Principal agrees, promises and covenants in said contract to do and perform at the times and in the manner in said contract set forth; and if said Principal and said Surety shall jointly or severally indemnify the obligee against any loss or damage directly or indirectly arising by reason of the failure of the Principal to faithfully perform said contract at the time and in the manner aforesaid, then this obligation shall be void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF the said Principal, has caused these presents to be signed and its official seal hereto affixed in triplicate by _____ its _____ thereunto duly authorized and the said Surety, has caused these presents to be signed and its official seal hereto affixed in triplicate by its _____
In witness we hereunto set our hands and seal this _____ day of _____ 2015

PRINCIPAL VENDOR NAME

BY: _____
ITS: _____

SURETY: _____
BY: _____
ITS: _____

CORPORATE SEAL

(Affix)
(Seal)
(Here)

Approved as to Form:

CITY SOLICITOR

CORPORATE SEAL

(Affix)
(Seal)
(Here)

Approved By:

DOMENIC J. SARNO, MAYOR

Special Provisions

City of Springfield and Mass. DOT Specifications

ITEM 107.951 REMOVE AND REPLACE CONCRETE FILLED GRID DECK LUMP SUM

The work under this item shall conform to the applicable provisions of the *Massachusetts Department of Transportation Standard Specifications for Highways and Bridges – 2022 Edition (MassDOT Standard Specifications)*, as referenced, and the following:

The work under this item consists of removing and disposing of existing sections of concrete filled steel grid deck panels as well as fabricating, furnishing, delivering, storing and installing replacement concrete filled grid deck panels, at locations identified on the contract drawings. The work also includes demolition and replacement of cast-in-place joint headers at each bridge abutment and removal and resetting of granite curbs, which shall be considered incidental to this item.

All costs for permits, dump fees, taxes, special handling of hazardous materials, and other incidental costs necessary to the prosecution of the work shall be included in the bid price of this item.

The Contractor shall submit shop drawings of the steel grid deck panels for approval by the Engineer, prior to fabrication of the steel grid deck panels. The shop drawings shall state that the existing dimensions, angles, elevations and field conditions have been field verified by the Contractor. The Engineer shall review the shop drawings and provide approval and/or comments to the Contractor within two weeks of receipt of the shop drawings.

MATERIALS

CONCRETE FILLED STEEL GRID DECK

The concrete filled steel grid deck panels shall consist of steel grid decking, steel sheet form pans and lightweight concrete fill with steel reinforcement. The concrete fill shall extend from mid-height to the top of the steel grid and shall be flush with the top of the main bars, cross bars and supplemental bars.

STEEL GRID

The steel grid deck system must be purchased from one of the following AISC certified fabricators and participating Bridge Grid Flooring Manufacturers Association (BGFMA) members:

Bailey Bridges, Inc. (256) 845-7575
LB Foster (412) 928-3548

The steel grid deck shall be 5-Inch RB 8.2M as manufactured by LB Foster, or approved equal. The RB 8.2M grid deck shall have 5.3# main bars spaced at 9" on-center with two 1" x ¼" supplemental bars equally spaced between them and 2-½" x ¼" cross bars spaced at 5" on-center. 7/8" diameter holes for #5 reinforcing bars, centered between the main bars, shall be provided in the cross bars.

The proposed steel grid deck is intended to match the existing steel grid deck. The main bar and cross bar spacings provided above have been assumed based on field observations. The Contractor shall field measure the existing grid deck in place and confirm these dimensions prior to generating shop drawings for the proposed replacement panels.

The steel grid deck shall be fabricated using ASTM A709 Grade 50 steel. Sheet metal form pans for concrete fill shall be fabricated using ASTM A366 or A1011 steel. Galvanized sheet metal forms installed following grid panel galvanizing shall conform to ASTM A653.

Headed studs for connection of the steel grid deck to the lightweight concrete joint headers shall be manufactured in accordance with ASTM A108.

Welding shall be in conformance with established grid industry practice, including the permitted use of Gas Metal Arc Welding (MIG). Weld qualification and weld procedures shall be in accordance with AWS D1.5 and shall be approved prior to deck panel fabrication.

Puddle welds at the top of the panel shall join each intersection of main bars, cross bars, and supplemental bars. The electrode shall follow a spiral pattern engaging all intersecting bars. The resulting weld shall be visually inspected to ensure the weld engages all intersecting bars; there are no signs of porosity; there is no undercutting from the weld; and that the resulting weld is visually neat and workmanlike.

After attachment of plates, trim bars, sheet metal forms, joint attachment hardware and other components, the steel grid panels shall be hot-dip galvanized in accordance with ASTM A123.

STRUCTURAL LIGHTWEIGHT CONCRETE

All concrete shall be produced by a MassDOT-approved facility and shall be in accordance with Section M4: Cement and Cement Concrete Materials of the *MassDOT Standard Specifications* and the following:

Concrete for grid deck infill and joint headers shall be 4,000 psi, 3/8 in, 660 lb/CY cement concrete and shall be structural lightweight concrete.

The Contractor shall be responsible for designing the concrete mixture and determining the proportions of cement, fine aggregate, coarse aggregate, water and air-entraining admixture which will produce a workable sand-lightweight concrete mix meeting the following criteria:

28 Day Air Dry Unit Weight (max.):	115 pounds per cubic foot, determined in accordance with ASTM C567
28 Day Compressive Strength (min.):	4,000 psi
Slump:	2 inch +/- 1 inch (AASHTO T 119)
Air Content:	6% +/- 1-1/2% (ASTM CI73)
Cement Content (min.):	660 pounds per cubic yard

The sand-lightweight concrete shall be proportioned by weight. It shall be designed and proportioned in accordance with the applicable requirements of ACI 211.2-98 "Standard Practice for Selecting Proportions for Structural Lightweight Concrete", 213R, "Guide for Structural Lightweight Aggregate Concrete" and Article 4.6 of Division 2 of the 1996 AASHTO Standard Specifications for Highway Bridges.

Lightweight aggregate shall conform to Section M4.02.03 of the *MassDOT Standard Specifications*.

The sand-lightweight concrete mix shall be designed by a testing laboratory, approved by the Engineer, retained by and at the Contractor's expense. The mix design shall be submitted by the Contractor for approval by the Engineer prior to any placement operations.

All sand-lightweight concrete shall have good workability and other properties such that proper placement, consolidation, and finishing are obtained. Lightweight aggregates and sand shall be batched by weight.

STEEL REINFORCEMENT

Reinforcing steel shall be epoxy-coated in accordance with ASTM A775 and shall conform to the requirements of AASHTO M31 Grade 60.

Mechanical reinforcing bar splicers, where required, shall be epoxy coated and shall be a MassDOT-approved product in conformance with Section M8.01.9 of the *MassDOT Standard Specifications*.

CONSTRUCTION METHODS

FABRICATION OF GRID DECK PANELS

Within ten (10) days after the date of the Notice to Proceed, the Contractor shall notify the Engineer of the name, address, telephone number, and contact person of the fabricator of all deck panels to be manufactured, supplied, and delivered to the job site.

The steel grid deck shall be fabricated to the dimensions and properties as shown on the contract drawings, shop drawings, and in accordance with these Specifications. Weld sizes shall be in conformance with established grid industry practice unless otherwise indicated on the contract drawings. It shall be the Contractor's responsibility to field verify all dimensions in order to make necessary changes prior to fabrication.

Steel grid deck shall be fabricated in panels matching the overall length and width of the proposed repair areas, as shown on the contract drawings. The existing grid deck is supported by tapered shims on top of the existing stringers and has a crown along the centerline of the bridge with a cross-slope of 1/8" per foot. The replacement grid deck panels shall be fabricated to match the existing crown and cross-slope. At the Contractor's option, a maximum of one (1) longitudinal joint will be permitted in the grid deck panels to facilitate construction. If this option is utilized, the longitudinal panel joint shall be centered over existing Stringer S3 and shall align with the existing crown.

The dimensional tolerances for each steel grid panel shall be in accordance with the most recent version of BGFMA TS-01, "Fabrication Tolerances for Grid Decks," published by the Bridge Grid Flooring Manufacturers Association, and the AASHTO Standard Specifications for Highway Bridges, Division II. In the case of a conflict in requirements, the AASHTO requirements shall govern.

Lifting locations and procedures shall be included on the shop drawing submission. Care shall be taken to avoid twisting of the panels or bending of the panels in the weak (perpendicular to the main bar) direction. Steel grid panels must be properly blocked with wood (with due regard to built-in panel camber) during transportation and storage in order to avoid distortion or other damage.

The Contractor shall be responsible for protecting the steel grid deck panels from weather and damage during transportation, storage and handling.

TEMPORARY PROTECTIVE SHIELDING

The Contractor is responsible for designing, furnishing, installing, maintaining, and removing a protective shielding/work platform system. The shielding shall protect the river and other areas below or near the bridge from falling or flying debris during demolition and construction operations. The shielding/work platform shall prevent any debris, tools or incidental items from falling into the water below. The shielding/work platform shall also serve as a work platform for the personnel performing repairs to the bridge, as well as any equipment required for the personnel performing the repairs.

The Contractor shall submit calculations and detailed drawings of the proposed shielding/work platform system to the Engineer for approval. The calculations and drawings shall be stamped by a Professional Engineer registered in Massachusetts. The submittal shall address the fact that the shielding is also intended to be used as a work platform, and for containment, and shall consider all loadings and other details relevant to such functions.

REMOVAL AND RESETTING OF GRANITE CURB

The existing granite curb on the bridge shall be removed and reset under this item. Existing sections of granite curb within the proposed limits of grid deck replacement shall be removed and stacked prior to demolition of the existing grid deck to provide access to the work area. Upon completion of the steel grid deck and lightweight concrete installation, the existing granite curb shall be reset in its original location. This work shall include the resetting of one (1) section of granite curb that has previously been removed from the bridge and stacked on site.

Mortar used for resetting granite curb shall be composed of one (1) part portland cement and two (2) parts sand by volume with sufficient water to form a workable mixture. Portland cement shall conform to the requirements of ASTM C150/AASHTO M85.

Removal and resetting of existing granite curb will be considered incidental to this item. No separate payment will be made for this work.

DEMOLITION

Prior to commencing demolition activities, the Contractor shall install protective shielding/work platforms, tarps, or other acceptable method of containment below the existing bridge deck to contain and collect all materials which may fall from the bridge during the prosecution of the work. Installation, maintenance and removal of shielding/containment shall be considered incidental to this item.

The existing concrete filled steel grid deck shall be completely removed to the limits identified on the contract drawings. Existing concrete shall be completely removed from inside the existing joint headers at the North and South Abutments for the full width of the deck. Concrete joint header removal shall be performed on the bridge side of the joint only. No repairs shall be performed on the roadway approach side of the joint. Existing concrete deck infill between the limit of grid deck removal and the first existing grid deck bar to remain shall also be completely removed and replaced with lightweight concrete after installation of the replacement panels.

The Contractor shall take all steps necessary to prevent cutting or otherwise damaging reinforcing steel, grid bars, concrete and/or structural steel designated to remain in place, during removal of the specified sections of concrete filled grid deck. The Contractor shall take care not to break or damage the existing welds of the steel grid beyond the limits of removal. The Engineer shall inspect the grid deck during or immediately after the removal operations, to ascertain if existing welds were broken by the Contractor's

operations. Any concrete, steel or welds that were deemed to be damaged by the Contractor's operations shall be repaired by the Contractor, at no additional cost to the City. Damaged concrete shall be repaired using lightweight concrete.

Cutting of steel grid deck panels may be achieved by the carbon air arc cutting method or by grinding. Flame cutting shall not be allowed. Carbon air arc cutting shall be done in a manner not to create excessive heat in the steel to remain. The Contractor shall use temp-stik or equal temperature indicating crayon for 275°F and 300°F to monitor the temperature on the steel. These crayons shall be marked on the surface of the steel one (1) inch from the area being cut as ordered by the Engineer. Cutting shall be discontinued temporarily, to allow cooling, when the temperature in the base steel exceeds 275°F. If the temperature exceeds 300°F in the base steel, then carbon air arc cutting at that particular location shall be stopped permanently and other methods such as grinding shall be employed to cut within the same temperature restrictions.

Transportation, handling and disposal of all demolition materials and debris shall be in compliance with all applicable state, federal and local regulations.

The Contractor shall be responsible for protecting any opening made in the bridge deck from vehicular and pedestrian traffic at all times throughout the work. At no time shall an opening within the deck or deck joints be left unattended.

INSTALLATION OF CONCRETE FILLED GRID DECK PANELS

Upon removal of the damaged sections of the existing grid deck, the Contractor shall install the replacement grid deck panels, lightweight concrete deck infill and lightweight concrete joint headers. This work shall include the installation of steel reinforcing bars, steel plates and any other ancillary components and appurtenances necessary to complete the repairs.

Installation and installation tolerances for steel grid deck panels shall be in accordance with this specification and the most recent version of BGFMA TS-02, "Installation Tolerances and Guidelines for Open Grid Decks," published by the Bridge Grid Flooring Manufacturers Association.

The Contractor shall provide the Engineer and Welding Inspector safe access and support to all parts of the structure(s) for interim and final inspections of the repairs during welding operations.

Placement and curing of lightweight concrete grid deck infill and lightweight concrete joint headers shall be performed in accordance with Section 901: Cement Concrete of the *MassDOT Standard Specifications*. All concrete for grid deck infill and joint headers shall be broom-finished.

Vehicular traffic shall not be allowed to travel over the grid deck until the concrete infill has been properly cured for 10 days and has reached a minimum of 80% of the 28-day compressive design strength. The Contractor shall make test cylinders during concrete placement for the purposes of verifying compressive strength. Sampling, curing and testing of cylinders shall be in accordance with the *MassDOT Standard Specifications*.

BASIS OF PAYMENT

Item 107.951 will be paid for at the Contract Lump Sum price, which shall include all labor, materials, equipment, shielding, shop drawings, engineering, testing, transportation, disposal, storage, protection from

damage to the deck panels, and all other incidental costs required to complete the work as shown on the plans or as directed by the Engineer.

ITEM 850.000 SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS **LS**

See Subsection 850 of the Standard Specifications for Highways and Bridges, 2022.

TRAFFIC MANAGEMENT PLANS

Prior to the commencement of work, the Contractor shall submit to the City for approval all proposed Traffic Management Plans (TMPs) for the proposed project and detours. Included within this Project Manual is a Traffic Management Plan that can be used as a guide for the preparation of a formal plan to be submitted to the City of Springfield. The TMPs shall be prepared and stamped by a Registered Professional Engineer of the Commonwealth of Massachusetts employed by the Contractor. The TMPs shall include, at a minimum, the location of all traffic management and safety devices, signage, police details, and work zone(s). All signage must be in compliance with MUTCD standards.

As stated, the bridge itself will be allowed to be closed for traffic during the construction period, within the Scope of Work document of this Project Manual, additional information is provided that outlines the control of the site and needed closure requirements. The contractor shall review that section, as well as this section, to determine the full extent of closures and required signage. Closure of the bridge has been preliminarily approved by the City of Springfield and Town of Ludlow, however, final approval will be provided based upon the submittal completed and submitted by the Contractor.

This item shall include all uniformed Police traffic personnel needed for the protection of the traveling public and working personnel during placement of signage, construction and maintenance operations. The design, application, and installation of all devices shall be in conformance with the relevant provisions of the latest Manual on Uniform Traffic Control Devices (MUTCD). The lump sum contract price shall also include full compensation for all uniformed traffic personnel.

This item also includes all temporary cones, barrels, concrete barriers, signage, etc., necessary for the completion of all work. All cones, barrels and signage must meet all applicable section of the latest version of the MUTCD manual.

See Subsection 860 of the Standard Specifications for Highways and Bridges, 2022.

ITEM 999.006 & 999.007 CITY ENGINEERING INSPECTION COSTS **HR & DR**

This item will be used to compensate the City for Engineering Inspection costs over and above the work hours as identified in the Scope of Work Section of this bid document. This item will be calculated on a monthly basis, if necessary, when invoices are submitted. Contractor is not to supply a number on bid sheet for these items.

① CONFORM TO LATEST EDITION OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS

CONTRACT NO.	DATE OF LAST EDITION	TEXT	TRAFFIC CONTROL DEVICES TO BE USED	COLOR	LETTERS	MIN. HGT.	MIN. WID.	
MA-80	24 18	END	1	RED	6"	3"	6"	
MA-94R	30 24	DETOUR	5	WHITE	5"	5"	25"	
MA-94L	30 24	DETOUR	4	WHITE	5"	5"	20"	
MA-9V	30 24	DETOUR	10	WHITE	5"	5"	50"	
MA-10L	48 18	DETOUR	2	WHITE	6"	6"	12"	
MA-10R	48 18	DETOUR	2	WHITE	6"	6"	12"	
MA-12C	48 30	BRIDGE OUT	2	WHITE	10"	10"	20"	
MA-10R	48 18	BRIDGE OUT AHEAD	1	WHITE	12.5"	12.5"	12.5"	
MA-10R	48 18	WEST ST BRIDGE CLOSED	4	WHITE	12.5"	12.5"	50"	
SP-1	60 30	DETOUR	4	WHITE	12.5"	12.5"	50"	
TOTAL:							207.5	

CONSTRUCTION SIGNS - TRAFFIC SIGN SUMMARY

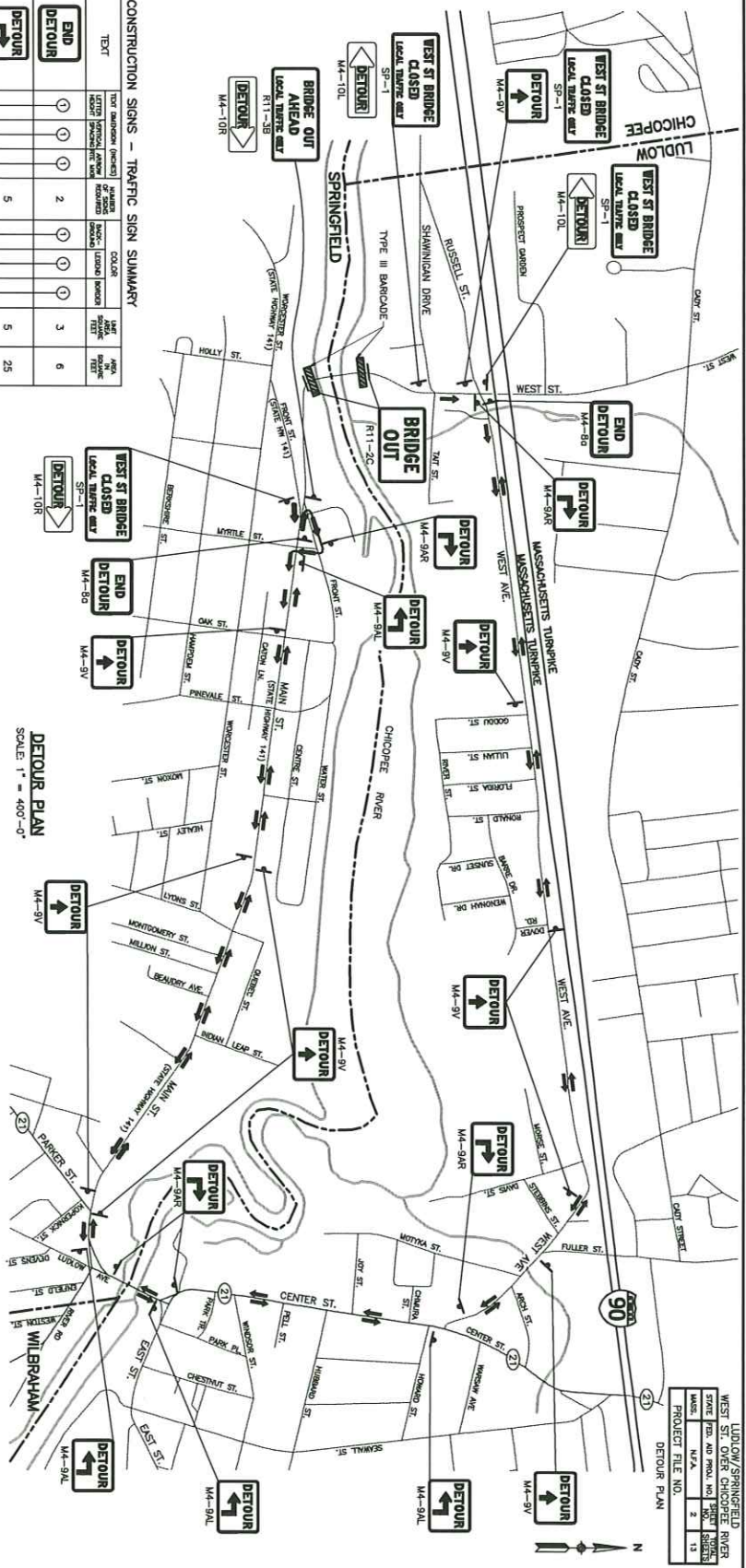
LEGEND:
 SIGN
 DIRECTION OF TRAFFIC

PRELIMINARY - FOR INFORMATION ONLY

DETOUR PLAN
 SCALE: 1" = 400'-0"

NOTES:

1. ALL TEMPORARY TRAFFIC CONTROL WORK SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ALL REVISIONS.
2. ALL SIGN LEGENDS, BARRIERS AND MOUNTING SHALL BE IN ACCORDANCE WITH THE MUTCD.
3. TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF ANY WORK.
4. TEMPORARY CONSTRUCTION SIGNING, BARRIERS AND ALL OTHER NECESSARY WORK ZONE TRAFFIC CONTROL DEVICES SHALL BE REMOVED FROM THE ROADWAY OR COVERED WHEN THEY ARE NOT REQUIRED FOR CONTROL OF TRAFFIC.
5. SIGNS AND SIGN SUPPORTS LOCATED ON OR NEAR THE TRAVELLED WAY AND REVERTED PLASTIC DEVICES WITH LIGHTING DEVICES MOUNTED ON THEM, MUST PASS THE CRITERIA SET FORTH IN NCHRP REPORT 350, "RECOMMENDED PROCEDURES FOR THE SAFETY PERFORMANCE EVALUATION OF HIGHWAY FEATURES."
6. CONTRACTORS SHALL NOTIFY EACH ADJACENT AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OF ACCESS, SUCH AS CONDUIT INSTALLATION, EXISTING PAVEMENT EXCAVATION, TEMPORARY DRIVEWAY PAVEMENT PLACEMENT AND SIMILAR OPERATIONS.
7. THE ADVISORY SPEED LIMIT, IF REQUIRED, SHALL BE DETERMINED BY THE ENGINEER.
8. SIGN LOCATIONS AND DISTANCES ARE A GUIDE AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
9. ALL SIGNS SHALL BE MOUNTED ON STANDARD PS SIGN SUPPORTS.

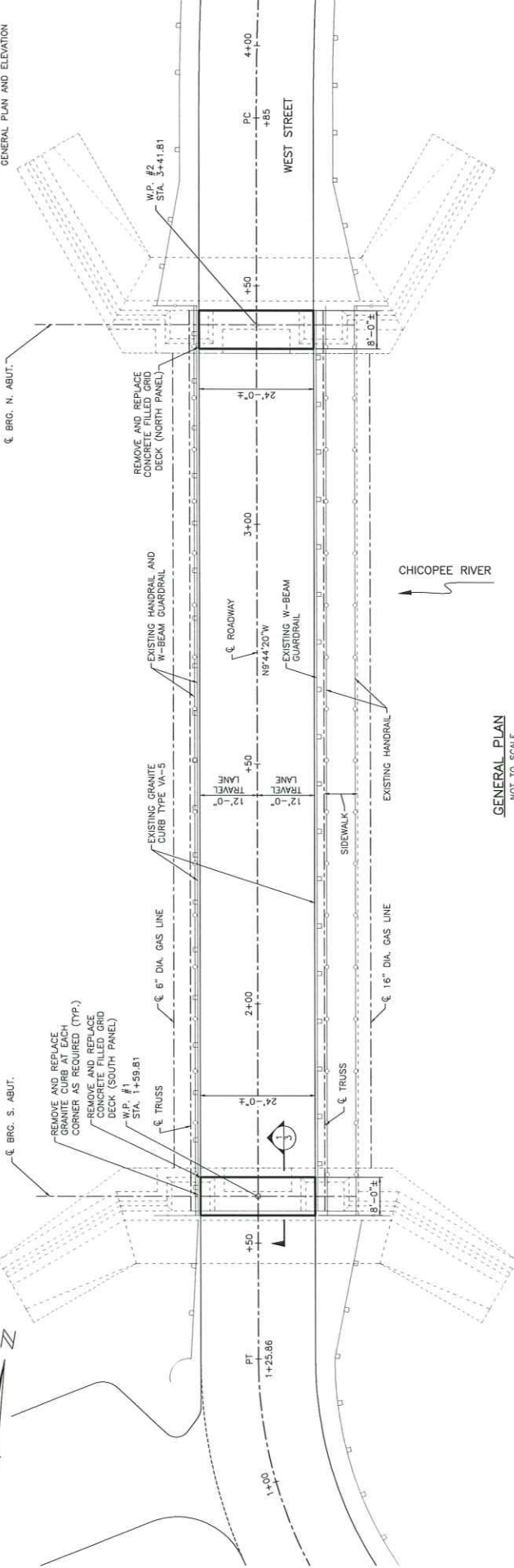


LUDLOW/SPRINGFIELD	
WEST ST. OVER CHICOPEE RIVER	
STATE PROJ. NO.	MA-10R
FED. PROJ. NO.	151
CONTRACT NO.	MA-10R
PROJECT FILE NO.	2
DATE	11.3

LUDLOW/SPRINGFIELD RIVER
WEST ST. OVER CHICOOPEE RIVER

STATE	FED. AID PROJ. NO.	SHEET NO.
MASS.		1

PROJECT FILE NO.:
GENERAL PLAN AND ELEVATION



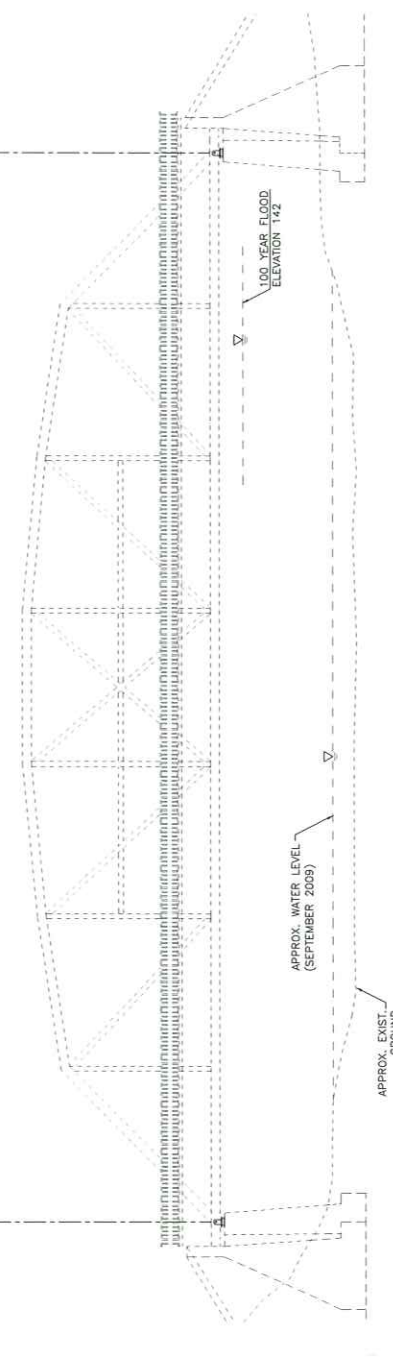
GENERAL PLAN
NOT TO SCALE

NOTES:
1. SEE SHEET 2 FOR GENERAL NOTES.

EX. BRG. SOUTH ABUT.

182'-0" ±

EX. BRG. NORTH ABUT.



EAST ELEVATION
NOT TO SCALE



ISSUED FOR CONSTRUCTION

PROPOSED BRIDGE REPAIRS
LUDLOW/SPRINGFIELD
WEST STREET
OVER CHICOOPEE RIVER
CITY OF SPRINGFIELD
70 TAPLEY STREET, SPRINGFIELD, MA 01104

TRANSYSTEMS

FILE: _____ CHIEF ENGINEER

CONCRETE MIXES:

- ① 4000 3/8 660 LIGHTWEIGHT CONCRETE
- ② 28-DAY COMPRESSIVE STRENGTH (PSI)
- ③ MAXIMUM AGGREGATE SIZE (INCH)
- ④ CEMENT CONTENT (LB/CY)



GRID DECK FILL/JOINT HEADERS

GRID DECK FILL/JOINT HEADERS

GRID DECK FILL/JOINT HEADERS

GRID DECK FILL/JOINT HEADERS

GRID DECK FILL/JOINT HEADERS

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GRID DECK FILL/JOINT HEADERS

DESIGN

1. CONFORMANCE WITH THE 2021 STANDARD SPECIFICATIONS OF THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS WITH INTERIM SPECIFICATIONS THROUGH 2022 FOR HS20 LOADING.
2. MATERIAL THAT IS SPECIFICALLY CALLED OUT ON THE PLANS AND IS NOT DESIGNATED AS EXISTING SHALL BE NEW MATERIAL.

EXISTING CONDITIONS

1. ALL DIMENSIONS AND DETAILS SHOWN FOR EXISTING STRUCTURE ARE TAKEN FROM REHABILITATION DRAWINGS DATED 5/16/92 AND LIMITED FIELD VISITS AND ARE NOT GUARANTEED TO BE CORRECT. THE CONTRACTOR SHALL DETERMINE AND ESTABLISH ALL DIMENSIONS AND DETAILS NECESSARY FOR COMPLETION OF ALL WORK BY FIELD MEASUREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND DETAILS SHOWN ON THE PLANS AND FOR CORRECTING ANY FABRICATION UNITS HE HAS MADE THE REQUIRED MEASUREMENTS ON THE ACTUAL STRUCTURE, AND SUBMITTED SHOP DRAWINGS HAVE BEEN APPROVED BY THE ENGINEER. SHOP DRAWINGS SHALL STATE THAT THE EXISTING DIMENSIONS, ANGLES, ELEVATIONS AND FIELD CONDITIONS HAVE BEEN FIELD VERIFIED BY THE CONTRACTOR. EXISTING STRUCTURE IS SHOWN IN CONDITION UNLESS NOTED OTHERWISE.
2. PLANS FOR THE EXISTING BRIDGE ARE AVAILABLE UPON REQUEST FROM THE CITY OF SPRINGFIELD.

PERMITS AND LICENSES

THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES AND PAY ALL CHARGES AND FEES INCURRED. THE CONTRACTOR SHALL GIVE ALL NOTICES NECESSARY AND INCIDENT TO THE DUE AND LAWFUL PROSECUTION OF THE WORK AND SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS OF THE FEDERAL GOVERNMENT, THE STATE OF MASSACHUSETTS, AND OTHER BODIES HAVING JURISDICTION OVER THE WORK AND EMPLOYED BY THE CONTRACTOR.

CONSTRUCTION/REHABILITATION

ALL PART, RUST SCALE, SLAG, PAINT AND OTHER FOREIGN MATTER SHALL BE REMOVED FROM THE EXISTING STRUCTURE IN THE VICINITY OF ANY REPAIR WORK. ANY CLEANING OR MINOR MODIFICATIONS TO COMPONENTS OF THE EXISTING STRUCTURE SUCH AS GRINDING, WELDING OR DRILLING HOLES SHALL BE CONSIDERED INCIDENTAL TO THOSE ELEMENTS AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. ALL REPAIRS SHALL BE MADE IN ACCORDANCE WITH THE SPECIFICATIONS WHICH ARE TO REMAIN AS PART OF THE FINISHED STRUCTURE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING THE WORK. IF THE CONTRACTOR'S OPERATIONS DAMAGE EXISTING MATERIALS TO REMAIN, REPAIRS SHALL BE MADE WITHOUT ADDITIONAL COMPENSATION. IF MAJOR REPAIRS DUE TO DAMAGE ARE REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TESTING AND ENGINEERING DESIGN OF THOSE REPAIRS WITHOUT ADDITIONAL COMPENSATION.

UNUSABLE MATERIAL

THE CONTRACTOR IS NOTIFIED THAT THE BRIDGE STRUCTURAL STEEL HAS A PROTECTIVE COATING THAT IS SUSPECTED OF BEING LEAD BASED. THE CONTRACTOR IS NOTIFIED THAT WHILE WORKING AT THE BRIDGE SITE, IT IS UNACCEPTABLE FOR ANY GRIT OR DUST TO ESCAPE THE WORK AREA IN A VISIBLE MANNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTAINING AND REMOVING ALL LEAD OR OTHER APPROVED MATERIALS AND SHALL BE COLLECTED AND REMOVED FROM THE WORK AREA. THE CONTRACTOR IS NOTIFIED THAT IT IS UNACCEPTABLE FOR ANY MATERIAL(S) TO FALL INTO THE CHICOREE RIVER OR AREAS BELOW THE BRIDGE. THE CONTRACTOR SHALL DRAPE THE WORK AREA TO CONTAIN AND COLLECT ALL MATERIALS WHICH MAY FALL OFF THE BRIDGE. THE CONTRACTOR SHALL PROVIDE PROTECTIVE MEASURES TO PREVENT LEAD FROM BEING RELEASED INTO THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE PROTECTION IS PROVIDED.

REINFORCEMENT

ALL REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M318/M31 GRADE 60. BARS SHALL BE MECHANICALLY SPLICED IN ACCORDANCE TO SECTION MB.01.9 OF THE MASSDOT STANDARD SPECIFICATIONS.

GRID DECK AND WELDING

THE INTENT IS TO MATCH THE EXISTING GRID DECK. NEW GRID DECK IS TO BE 5 INCH RB 8.2N/3.3J ASTM A709 GRADE 50 WITH MAIN BARS SPACED AT 9" BY LB FOSTER OR APPROVED EQUAL. CROSS BAR SPACING IS ASSUMED TO BE 5' BASED ON FIELD OBSERVATIONS. CONTRACTOR TO VERIFY EXISTING GRID DECK DIMENSIONS PRIOR TO FABRICATION. THE EXISTING GRID DECK IS SUPPORTED BY TAPERED SHIMS ON TOP OF THE EXISTING STRINGERS AND HAS A CROWN ALONG THE CENTERLINE OF THE BRIDGE WITH A CROSS-SLOPE OF 8"/FT. THE PROPOSED REPLACEMENT GRID DECK PANELS SHALL MATCH THE EXISTING CROWN AND CROSS-SLOPE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING CROWN AND CROSS-SLOPE. THE GRID DECK PANELS TO FACILITATE CONSTRUCTION. THIS OPTION IS UTILIZED THE LONGITUDINAL PANEL JOINT SHALL BE CENTERED OVER EXISTING STRINGER S3 AND SHALL ALIGN WITH THE EXISTING CROWN.

ALL WELDING, WELDING PREPARATION AND ASSEMBLY OF MATERIAL FOR WELDING SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, THE AASHTO/AWS BRIDGE WELDING CODE, AWS/AASHTO/AWS D1.5 AND ALL INTERIM REVISIONS PUBLISHED BY AASHTO AS OF THE BID OPENING DATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING WELDING AND REPAIRS. ALL WELDING SHALL BE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING WELDING UNLESS SPECIFIED ON DRAWINGS OR APPROVED IN WRITING BY THE ENGINEER.

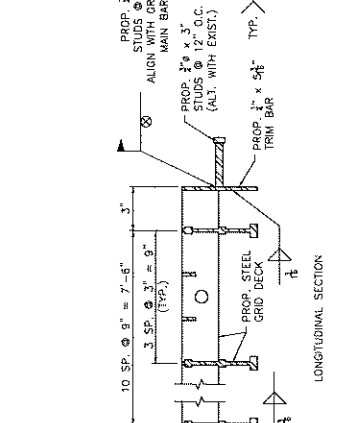
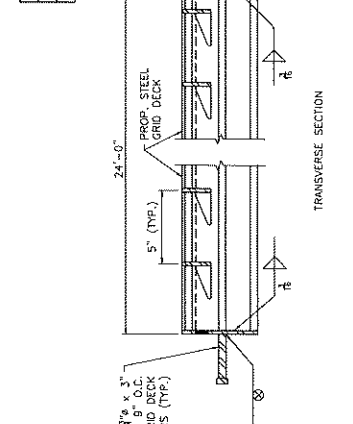
ESTIMATED QUANTITIES (NOT GUARANTEED)		
ITEM NO.	ITEM	UNITS
107.051	REMOVE AND REPLACE CONCRETE FILLED GRID DECK	LS
		1

**SUGGESTED CONSTRUCTION SEQUENCE --
BRIDGE DECK REPAIR**

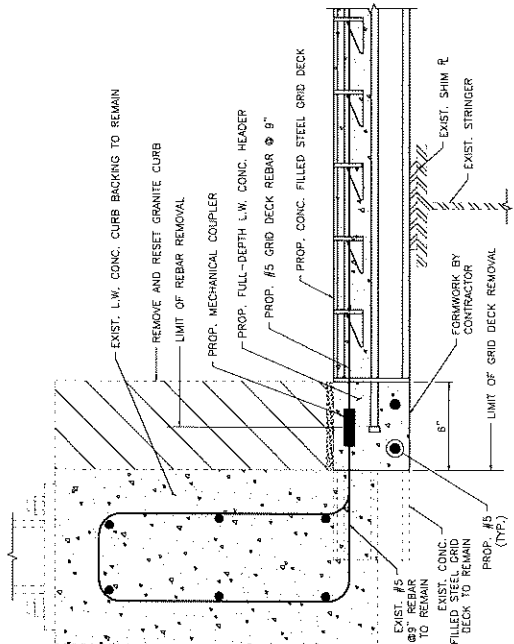
1. INSTALL PROTECTIVE SHIELDING/WORK PLATFORM OR METHOD OF CONTAINMENT BELOW EXISTING DECK IN WORK AREA.
2. CLOSE WORK AREA TO TRAFFIC.
3. REMOVE GRANITE CURBS IN WORK AREA.
4. REMOVE EXISTING SECTIONS OF DETERIORATED GRID DECK TO LIMITS SHOWN ON SHEET 1.
5. REMOVE EXISTING JOINT HEADER CONCRETE.
6. INSTALL NEW SECTIONS OF GRID DECK WITH FORM PANS.
7. PLACE NEW LIGHTWEIGHT CONCRETE.
8. ALLOW 10 DAYS (MIN.) TO CURE. CONCRETE TO BE CURED PER MASSDOT SPECIFICATIONS. CONCRETE SHALL ACHIEVE 80% OF DESIGN STRENGTH PRIOR TO OPENING TO TRAFFIC.
9. RESET GRANITE CURBS.
10. OPEN AREA TO TRAFFIC.

ISSUED FOR CONSTRUCTION	
DATE	DESCRIPTION
	USE ONLY PRINTS OF LATEST DATE

LUDLOW BRIDGE OVER CHICAGO RIVER			
WEST SIDE OVER CHICAGO RIVER			
DATE	REV. AND PROJ. NO.	SHEET NO.	TOTAL SHEETS
M.S.S.	N/A	3	3
PROJECT FILE NO.			
EXISTING CONFIGURATION			

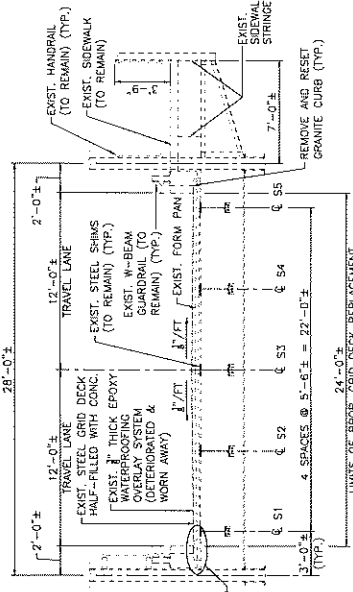


STEEL GRID DECK PANEL DETAIL
NOT TO SCALE

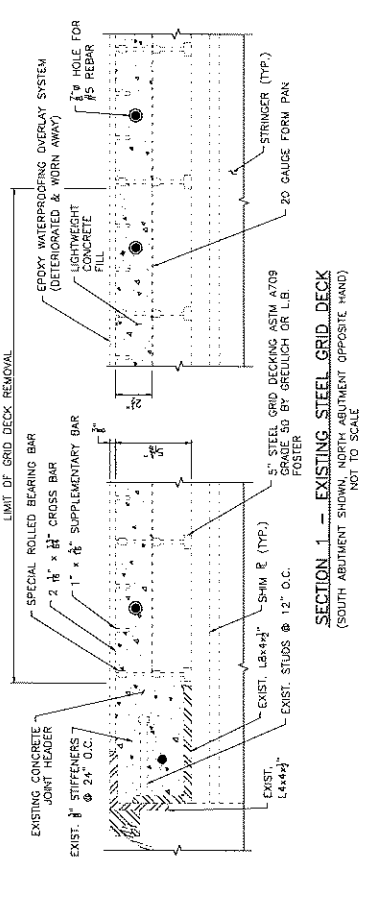


NOTES:

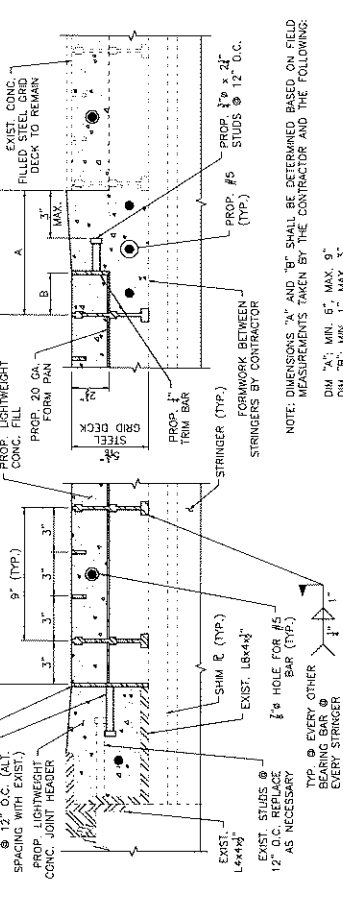
1. FOR GENERAL NOTES SEE SHEET 2.
2. STEEL GRID DECK DETAILS TAKEN FROM BRIDGE REPAIR MANUAL, 15, 1994 BY STEEL DECKING ASSOCIATES, INC. THESE DETAILS ARE NOT GUARANTEED TO BE CORRECT.
3. FOR LIMITS OF STEEL GRID DECK REMOVAL SEE SHEET 1.
4. FOR SUGGESTED REPAIR SEQUENCE SEE SHEET 2.



SECTION 1 - EXISTING STEEL GRID DECK
(SOUTH ABUTMENT SHOWN, NORTH ABUTMENT OPPOSITE HAND)
NOT TO SCALE



SECTION 1 - PROPOSED STEEL GRID DECK
(SOUTH ABUTMENT SHOWN, NORTH ABUTMENT OPPOSITE HAND)
NOT TO SCALE



NOTE: DIMENSIONS "A" AND "B" SHALL BE DETERMINED BASED ON FIELD MEASUREMENTS TAKEN BY THE CONTRACTOR AND THE FOLLOWING:

DIM "A": MIN. 6", MAX. 9"
DIM "B": MIN. 1", MAX. 3"

SECTION 1 - PROPOSED STEEL GRID DECK
(SOUTH ABUTMENT SHOWN, NORTH ABUTMENT OPPOSITE HAND)
NOT TO SCALE

ISSUED FOR CONSTRUCTION	DATE	DESCRIPTION