

- c. End Connections: Mechanical joint, flanged, threaded, or push on.
- d. Interior Coating: Complying with AWWA C550.

5.6 GATE VALVE ACCESSORIES AND SPECIALTIES

- A. Valve Boxes: Comply with AWWA M44 for cast-iron valve boxes. Include top section, adjustable extension of length required for depth of burial of valve, plug with lettering "WATER," and bottom section with base that fits over valve and with a barrel approximately 5 inches in diameter.
 - 1. Operating Wrenches: Steel, tee-handle with one pointed end, stem of length to operate deepest buried valve, and socket matching valve operating nut.

PART 6 - EXECUTION

6.1 EARTHWORK

- A. Comply with excavating, trenching, and backfilling requirements in Section 31 2000 "Earth Moving."

6.2 PIPING APPLICATIONS

- A. Transition couplings and special fittings with pressure ratings at least equal to piping pressure rating may be used unless otherwise indicated.
- B. Do not use flanges or unions for underground piping.
- C. Flanges, unions, grooved-end-pipe couplings, and special fittings may be used, instead of joints indicated, on aboveground piping and piping in vaults.
- D. Underground water-service piping **NPS 3/4 to NPS 3** to be any of the following:
 - 1. Soft copper tube, ASTM B88, Type K ; wrought-copper, solder-joint fittings; and brazed joints.
 - 2. PE, ASTM pipe; **molded PE fittings; and heat-fusion joints.**

6.3 VALVE APPLICATIONS

- A. General Application: Use mechanical-joint-end valves for NPS 3 and larger underground installation. Use threaded- or flanged-end valves for installation in vaults. Use UL/FM Global, nonrising-stem gate valves for installation with indicator posts. Use corporation valves and curb valves with ends compatible with piping, for NPS 2 and smaller installation.
- B. Drawings indicate valve types to be used. Where specific valve types are not indicated, the following requirements apply:

1. Underground Valves, NPS 3 and Larger: AWWA, cast-iron, nonrising-stem, **metal**-seated gate valves with valve box.

6.4 PIPING SYSTEMS - COMMON REQUIREMENTS

- A. Provide a continuous bare copper or aluminum tracer wire not less than 0.10 inch in diameter in sufficient length over each separate run of nonmetallic pipe.

6.5 INSTALLATION OF PIPING

A. Water-Main Connection:

1. Tap water main in accordance with requirements of water utility company and of size and in location indicated.

B. Make connections larger than NPS 2 with tapping machine according to the following:

1. Install tapping sleeve and tapping valve in accordance with MSS SP-60.
2. Install tapping sleeve on pipe to be tapped. Position flanged outlet for gate valve.
3. Use tapping machine compatible with valve and tapping sleeve; cut hole in main. Remove tapping machine and connect water-service piping.
4. Install gate valve onto tapping sleeve. Comply with MSS SP-60. Install valve with stem pointing up and with valve box.

C. Make connections NPS 2 and smaller with drilling machine according to the following:

1. Install service-saddle assemblies and corporation valves in size, quantity, and arrangement required by utility company standards.
2. Install service-saddle assemblies on water-service pipe to be tapped. Position outlets for corporation valves.
3. Use drilling machine compatible with service-saddle assemblies and corporation valves. Drill hole in main. Remove drilling machine and connect water-service piping.
4. Install corporation valves into service-saddle assemblies.
5. Install manifold for multiple taps in water main.
6. Install curb valve in water-service piping with head pointing up and with service box.

D. Install PE pipe in accordance with ASTM D2774 and ASTM F645.

E. Extend **water-service** piping and connect to water-supply source and building **water-piping** systems at outside face of building wall in locations and pipe sizes indicated.

1. Terminate **water-service** piping at building wall until building **water-piping** systems are installed. Terminate piping with caps, plugs, or flanges as required for piping material. Make connections to building **water-piping** systems when those systems are installed.

F. Install sleeve seals for piping penetrations of concrete walls and slabs. Comply with requirements for sleeve seals specified in architectural details.

- G. Install underground piping with restrained joints at horizontal and vertical changes in direction. Use restrained-joint piping, thrust blocks, anchors, tie-rods and clamps, and other supports.
- H. Comply with Section 22 1116 "Domestic Water Piping" for potable-water piping inside the building.

6.6 JOINT CONSTRUCTION

- A. Make pipe joints according to the following:
 - 1. Copper-Tubing, Pressure-Sealed Joints: Join copper tube and pressure-seal fittings with tools and procedures recommended by pressure-seal-fitting manufacturer. Leave insertion marks on pipe after assembly.
 - 2. PE Piping Insert-Fitting Joints: Use plastic insert fittings and fasteners in accordance with fitting manufacturer's written instructions.

6.7 INSTALLATION OF VALVES

- A. AWWA Gate Valves: Comply with AWWA C600 and AWWA M44. Install each underground valve with stem pointing up and with valve box.
- B. AWWA Valves Other Than Gate Valves: Comply with AWWA C600 and AWWA M44.
- C. UL-Listed or FM Global-Approved Gate Valves: Comply with NFPA 24. Install each underground valve and valves in vaults with stem pointing up and with vertical cast-iron indicator post.
- D. UL-Listed or FM Global-Approved Valves Other Than Gate Valves: Comply with NFPA 24.
- E. MSS Valves: Install as component of connected piping system.
- F. Corporation Valves : Install each underground curb valve with head pointed up and with service box.

6.8 CONNECTIONS

- A. Connect water-distribution piping to **existing water main**.
- B. Connect water-distribution piping to interior **domestic water** piping.
- C. Ground equipment in accordance with Section 26 0526 "Grounding and Bonding for Electrical Systems."
- D. Connect wiring in accordance with Section 26 0519 "Low-Voltage Electrical Power Conductors and Cables."

6.9 FIELD QUALITY CONTROL

- A. Piping Tests: Conduct piping tests before joints are covered and after concrete thrust blocks have hardened sufficiently. Fill pipeline 24 hours before testing and apply test pressure to stabilize system. Use only potable water.
- B. Hydrostatic Tests: Test at not less than one-and-one-half times working pressure for two hours.
 - 1. Increase pressure in 50 psig increments and inspect each joint between increments. Hold at test pressure for one hour; decrease to 0 psig. Slowly increase again to test pressure and hold for one more hour. Maximum allowable leakage is 2 quarts per hour per 100 joints. Remake leaking joints with new materials and repeat test until leakage is within allowed limits.
- C. Prepare reports of testing activities.

6.10 IDENTIFICATION

- A. Install continuous underground **detectable** warning tape during backfilling of trench for underground water-distribution piping. Locate below finished grade, directly over piping. Underground warning tapes are specified in Section 31 2000 "Earth Moving."

6.11 CLEANING

- A. Clean and disinfect water-distribution piping as follows:
 - 1. Purge new water-distribution piping systems and parts of existing systems that have been altered, extended, or repaired before use.
 - 2. Use purging and disinfecting procedure prescribed by authorities having jurisdiction or, if method is not prescribed by authorities having jurisdiction, use procedure described in NFPA 24 for flushing of piping. Flush piping system with clean, potable water until dirty water does not appear at points of outlet.
 - 3. Use purging and disinfecting procedure prescribed by authorities having jurisdiction or, if method is not prescribed by authorities having jurisdiction, use procedure described in AWWA C651 or do as follows:
 - a. Fill system or part of system with water/chlorine solution containing at least 50 ppm of chlorine; isolate and allow to stand for 24 hours.
 - b. Drain system or part of system of previous solution and refill with water/chlorine solution containing at least 200 ppm of chlorine; isolate and allow to stand for three hours.
 - c. After standing time, flush system with clean, potable water until no chlorine remains in water coming from system.
 - d. Submit water samples in sterile bottles to authorities having jurisdiction. Repeat procedure if biological examination shows evidence of contamination.
- B. Prepare reports of purging and disinfecting activities.

END OF SECTION 33 1415

PART 1 GENERAL

- A. The rehabilitation of pipelines shall be done by the installation of a resin-impregnated flexible tube which, when cured, shall be continuous and tight-fitting throughout the entire length of the original pipe. The CIPP shall extend the full length of the pipe and provide a structurally sound, jointless and water-tight new pipe-within-a-pipe. The Contractor is responsible for proper, accurate and complete installation of the CIPP using the system selected by the Contractor meeting the Owners requirements.
- B. Neither the CIPP product, system, nor its installation, shall cause adverse effects to any of the Owner's processes or facilities. The installation pressure for the product shall not damage the system in any way, and the use of the product shall not result in the formation or production of any detrimental compounds or by-products at the wastewater treatment plant. The Contractor shall notify the Owner and identify any by-products produced as a result of the installation operations, test and monitor the levels, and comply with any and all local waste discharge requirements. The Contractor shall cleanup, restore existing surface conditions and structures, and repair any of the CIPP system determined to be defective. The Contractor shall conduct installation operations and schedule cleanup in a manner to cause the least possible obstruction and inconvenience to traffic, pedestrians, businesses and property owners or tenants and to provide an environmentally safe restored jobsite.
- C. The prices submitted by the Contractor, shall include all costs of permits, labor, equipment and materials for the various bid items necessary for furnishing and installing, complete in place, CIPP in accordance with these specifications. All items of work not specifically mentioned herein which are required, by the Contractor, to make the product perform as intended and deliver the final product as specified herein shall be included in the respective lump sum bid.

1.1 DESCRIPTION OF WORK AND PRODUCT DELIVERY

- A. This PSG covers all work necessary to furnish and install the CIPP. The Contractor shall provide all materials, labor, equipment, and services necessary for traffic control (if required), bypass pumping and/or diversion of flows, cleaning, measurement of sewers to be rehabilitated, CIPP installation, reconnection of service connections, all quality controls, provide

samples for performance of required material tests, final television inspection, testing of the rehabilitated pipe system, and other work, all as specified herein.

- B. The CIPP shall be continuous and jointless from manhole to manhole or access point to access point and shall be free of all defects that will affect the long-term life and operation of the pipe.
- C. The CIPP shall not leak at the manholes or through the wall of the installed pipe. The installed CIPP shall comply with the chemical resistance requirements of ASTM F1216 or ASTM D5813.
- D. All existing and confirmed active service connections and any other service laterals to be reinstated, as directed by the Owner, shall be re-opened robotically, to their original shape and to 90% - 95% of their original area. All over-cut or under-cut service connections shall be properly repaired to meet the requirements of these specifications.
- E. All materials furnished, as part of this contract shall be marked with detailed product information, stored in a manner specified by the manufacturer and tested to the requirement of this contract.

1.2 REFERENCES

- A. The following documents form a part of this specification to the extent stated herein and shall be the latest editions thereof. Where differences exist between codes and standards, the requirements of these specifications shall apply. All references to codes and standards shall be to the latest revised version.
 - ASTM - F1216 Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube
 - ASTM - F1743-17 Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Pulled-in-Place Installation of Cured-in-Place Thermosetting Resin Pipe (CIPP)
 - ASTM - D543 Standard and Practice for Evaluating the Resistance of Plastics to Chemical Reagents
 - ASTM - D638 Standard Test Method for Tensile Properties of Plastics
 - ASTM - D790 Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
 - ASTM - D792 Standard Test Methods for Density and Specific Gravity of Plastics by Displacement.
 - ASTM - F2019-20 Standard Practice for Rehabilitation of Existing Pipelines

and Conduits by the Pulled in Place Installation of Glass Reinforced Plastic Cured-in-Place (GRP-CIPP) Using the UV-Light Curing Method

- ASTM F2561 Standard Practice for Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One-Piece Main and Lateral Cured-in-Place Liner
- ASTM - D2990 Standard Test Methods for Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics
- ASTM - D3567 Standard Practice for Determining Dimensions of Fiber-glass (Glass- Fiber-Reinforced Thermosetting Resin) Pipe and Fittings
- ASTM - D3681 Standard Test Method for Chemical Resistance of "Fiber-glass (Glass Fiber Reinforced Thermosetting Resin) Pipe in a Deflected Condition
- ASTM - D5813 Standard Specification for Cured-in Place Thermosetting Resin Sewer Pipe

1.3 **PERFORMANCE WORK STATEMENT (PWS) SUBMITTAL**

- A. The Contractor shall submit, to the Owner, a Performance Work Statement (PWS) which clearly defines the CIPP product delivery in conformance with the requirements of these contract documents. Unless otherwise directed by the Owner, the PWS shall, at a minimum, contain the following:
- B. Clearly indicate that the CIPP will conform to the project requirements as outlined in the Description of Work and as delineated in these specifications.
- C. A detailed product installation plan describing all preparation work, cleaning operations, bypass pumping, traffic or pedestrian control, installation procedure, method of curing, service reconnection, quality control, testing to be performed, warranties furnished and all else necessary and appropriate for a complete CIPP installation. A detailed installation schedule shall be prepared, submitted and conform to the requirements of this contract.
- D. Contractor's description of the proposed CIPP technology, including a detailed plan for identifying all active service connections maintaining service, during mainline CIPP installation, to each building connected to the section of pipe being rehabilitated.
- E. A description of the CIPP materials to be furnished for the project. Materials shall be fully detailed in the submittals and conform to these

specifications and/or shall conform to the pre-approved product submission.

- F. A statement of the Contractors experience. The Contractor shall have a minimum of three (3) years of cumulative experience installing CIPP in pipe of a similar size, length and configuration as contained in this contract. The lead personnel, including the superintendent, the foreman and the lead crew personnel for resin wet-out, the CIPP installation, curing and the robotic service reconnections each must have a minimum of one (1) year of experience with the CIPP technology proposed for this contract and must have demonstrated competency and experience to perform the scope of work contained in this contract. The name and experience of each lead individual performing work on this contract shall be submitted with the PWS. Personnel replaced by the Contractor, on this contract, shall have similar, verifiable experience as the personnel originally submitted for the project
- G. Engineering design calculations, in accordance with the Appendix of ASTM F1216, or other design protocol as specified by the owner, for each length of CIPP to be installed including the thickness of each proposed CIPP. It will be acceptable for the Contractor to submit a design for the most severe line condition and apply that design to all of the line sections. All calculations shall include data that conforms to the requirements of these specifications or has been pre-approved by the Owner.
- H. Proposed manufacturers technology data shall be submitted for all CIPP products and all associated technologies to be furnished.
- I. Submittals shall include information on CIPP intended for installation and all tools and equipment required for a complete installation. The PWS shall identify which tools and equipment will be redundant on the job site in the event of equipment breakdown. All equipment to be furnished for the project, including proposed back-up equipment, shall be clearly described. The Contractor shall outline the mitigation procedure to be implemented in the event of key equipment failure during the installation process. A detailed description of the Contractor's proposed procedures for removal of any existing blockages in the pipeline that may be encountered during the cleaning process.

1.4 **PRODUCT SUBMITTALS**

- A. Fabric Tube – including the manufacturer and description of product components such as felts and reinforcing materials and tube mechanical properties.

- B. Flexible membrane (coating) material – including materials specific to the proposed curing method and recommended repair (patching) procedure if applicable. Raw Resin Data - including the manufacturer and description of product components including the spectroscopic wavelength diagram for the resin being furnished as well as mechanical properties, corrosion data and creep data.
- C. Manufacturers' shipping, storage and handling recommendations for all components of the CIPP system.
- D. Safety Data Sheets (SDS) for all materials to be furnished for the project.
- E. Tube wet-out & cure method including:
 - 1. A description of the wet-out procedure for the proposed technology. In the case of tubes wet-out by a third party, the wet-out information from the third-party source.
 - 2. The Manufacturer's recommended cure method for each diameter and thickness of CIPP to be installed. The PWS shall contain a detailed curing procedure outlining the curing medium, the method of application and how the curing temperatures will be monitored.

1.5 **QUALITY CONTROL PLAN (QCP)**

- A. A detailed quality control plan (QCP) that fully represents and conforms to the requirements of these specifications shall be submitted to the Owner. At a minimum the QCP shall include the following:
 - 1. A detailed discussion of the proposed quality controls to be performed by the Contractor.
 - 2. Defined responsibilities, of the Contractor's personnel, for assuring that all quality requirements for this contract are met. These shall be assigned by the Contractor to specific personnel.
 - 3. Proposed procedures for quality control, product sampling and testing shall be defined and submitted as part of the plan.
 - 4. Proposed methods for product performance controls, including method of and frequency of product sampling and testing both in raw material

form and cured product form.

5. Scheduled performance and product test result reviews between the Contractor and the Owner at a regularly scheduled job meeting.
6. Inspection forms and guidelines for quality control inspections shall be prepared in accordance with the standards specified in this contract and submitted with the QCP.

1.6 **CIPP REPAIR/REPLACEMENT**

- A. Occasionally installations will result in the need to repair or replace a defective CIPP. The Contractor shall outline specific repair or replacement procedures for potential defects that may occur in the installed CIPP. Repair/replacement procedures shall be as recommended by the CIPP system manufacturer and shall be submitted as part of the PWS.
- B. Defects in the installed CIPP that will not affect the operation and long-term life of the product shall be identified and defined.
- C. Repairable defects that may occur in the installed CIPP shall be specifically defined by the Contractor based on manufacturer's recommendations, including a detailed step-by-step repair procedure, resulting in a finished product meeting the requirements of these contract specifications.
- D. Unrepairable defects that may occur to the CIPP shall be clearly defined by the Contractor based on the manufacturer's recommendations, including a recommended procedure for the removal and replacement of the CIPP.

1.7 **WARRANTY**

- A. The materials used for the project shall be certified by the manufacturer for the specified purpose. The Contractor shall warrant the CIPP material and installation for a period of one (1) year. During the Contractor warranty period, any defect which may materially affect the integrity, strength, function and/or operation of the pipe, shall be repaired at the Contractor's expense in accordance with procedures included in Section 1.7 CIPP Repair/Replacement and as recommended by the manufacturer.
- B. On any work completed by the Contractor that is defective and/or has been repaired, the Contractor shall warrant this work for (1) year in addition to the warrantee required by the contract.

- C. After a pipe section has been rehabilitated and for a period of time up to one (1) year following completion of the project, the Owner may inspect all or portions of the rehabilitated system. The specific locations will be selected at random by the Owner's inspector and should include all sizes of CIPP from this project. If it is found that any of the CIPP has developed abnormalities since the time of "Post Construction Television Inspection," the abnormalities shall be repaired and/or replaced as defined in Section 1.7 CIPP Repair/Replacement and as recommended by the manufacturer. If, after inspection of a portion of the rehabilitated system under the contract, problems are found, the Owner may televise all the CIPP installed on the contract. All verified defects shall be repaired and/or replaced by the Contractor and shall be performed in accordance with Section 1.7 CIPP Repair/Replacement and per the original specifications, all at no additional cost to the Owner.

PART 2 PRODUCTS

2.1 MATERIALS

- A. The CIPP System must meet the chemical resistance requirements referenced in ASTM F1216 or ASTM D5813.
- B. All materials shipped to the project site shall be accompanied by test reports certifying that the material conforms to the appropriate ASTM standards listed herein. Materials shall be shipped, stored, and handled in a manner consistent with written recommendations of the CIPP system manufacturer to avoid damage. Damage includes, but is not limited to, gouging, abrasion, flattening, cutting, puncturing or ultra- violet (UV) degradation. On site storage locations shall be approved by the Owner. All damaged materials shall be promptly removed from the project site at the Contractor's expense and disposed of in accordance with all current applicable agency regulations.

2.2 FABRIC TUBE

- A. The fabric tube shall consist of one or more layers of absorbent non-woven felt fabric, felt/fiberglass, felt/carbon fiber, carbon fiber or fiberglass and meet the requirements of ASTM F 1216, ASTM F 1743, or ASTM F2019 and ASTM D5813 as applicable. The fabric tube shall be capable of

absorbing and carrying resins, constructed to withstand installation pressures and curing temperatures and have sufficient strength to bridge missing pipe segments and stretch to fit irregular pipe sections. The Contractor shall submit certified information from the felt manufacturer on the nominal void volume in the felt fabric that will be filled with resin.

- B. The wet-out fabric tube shall have a uniform thickness and excess resin distribution that when compressed at installation pressures will meet or exceed the design thickness after cure.
- C. The fabric tube shall be manufactured to a size and length that when installed will tightly fit the internal circumference of the original pipe. Allowance shall be made for circumferential stretching during installation. The tube shall be properly sized to the diameter of the existing pipe and the length to be rehabilitated and be able to stretch to fit irregular pipe sections and negotiate bends. The Contractor shall determine the minimum tube length necessary to effectively span the designated run between manholes. The Contractor shall verify the lengths in the field prior to ordering and prior to impregnation of the tube with resin to ensure that the tube will have sufficient length to extend the entire length of the run. The Contractor shall also measure the inside diameter of the existing pipelines in the field prior to ordering tube so that the CIPP can be installed in a tight-fitted condition.
- D. The outside and/or inside layer of the fabric tube (before inversion/pull-in, as applicable) shall be coated with an impermeable, flexible membrane that will contain the resin and facilitate, if applicable, vacuum impregnation and monitoring of the resin saturation during the resin impregnation (wet-out) procedure.
- E. No material shall be included in the fabric tube that may cause delamination in the cured CIPP. No dry or unsaturated layers shall be acceptable upon visual inspection as evident by color contrast between the tube fabric and the activated resin containing a colorant, if a colorant is utilized.
- F. The wall color of the interior pipe surface of CIPP after installation shall be a light reflective color so that a clear detailed examination with closed circuit television inspection equipment may be made. The color contrast shall be sufficient to distinguish between the fully resin saturated felt fabric and dry or resin lean areas.
- G. Seams in the fabric tube, if applicable, shall meet the requirements of ASTM F1743.

- H. The outside of the fabric tube shall be marked at a maximum of every 5 feet with the name of the manufacturer or CIPP system, manufacturing lot and production footage.
- I. The minimum length of the fabric tube shall be that deemed necessary by the installer to effectively span the distance from the starting manhole to the terminating manhole or access point, plus that amount required to run-in and run-out for the installation process.
- J. The nominal fabric tube wall thickness shall be constructed, as a minimum, to a sufficient thickness that exceeds the required design thickness for that section of installed CIPP. Wall thickness transitions may be fabricated into the fabric tube between installation entrance and exit access points. The quantity of resin used in the impregnation shall be sufficient to fill all the felt voids for the nominal felt thickness.

2.3 RESIN

- A. The resin shall be a corrosion resistant polyester or vinyl ester resin and catalyst system or epoxy and hardener system that, when properly cured within the tube composite, meets the requirements of ASTM F1216, ASTM F1743 or F2019 and ASTM D5813, the physical properties herein, and those which are to be utilized in the design of the CIPP for this project. The resin, specified for the specific application defined in the contract documents, shall produce CIPP which will comply with or exceed the structural and chemical resistance requirements of this specification.

2.4 The resin to tube ratio, by volume, shall be furnished as recommended by the manufacturer.

2.5 STRUCTURAL REQUIREMENTS

- A. The physical properties and characteristics of the finished CIPP will vary considerably, depending on the types and mixing proportions of the materials used and the degree of cure executed. It shall be the responsibility of the Contractor to control these variables and to provide a CIPP system which meets or exceeds the minimum properties specified herein or as submitted in the PWS.
- B. The CIPP shall be designed as per ASTM F1216 Appendix X1. The CIPP design shall assume no bonding to the original pipe wall.

- C. The design engineer shall set the long-term (50 year extrapolated) Creep Retention Factor at 50% of the initial design flexural modulus as determined by ASTM D790 test method. This value shall be used unless the Contractor submits long-term test data (ASTM D2990) to substantiate a higher retention factor.
- D. The cured pipe material (CIPP) shall, at a minimum, meet or exceed the structural properties, as listed below or as submitted in the PWS.

2.6 MINIMUM PHYSICAL PROPERTIES

Property	Test Method	Cured Composite Per ASTM F1216	Cured Composite Per Design
Flexural Modulus of Elasticity (Short-Term) Felt Tubes. Felt/Fiberglass, Fiberglass as recommended by the Manufacturer	ASTM D790	250,000 psi	Contractor Value
Flexural Strength (Short-Term) Felt Tubes. Felt/Fiberglass, Fiberglass as recommended by the Manufacturer	ASTM D790	4,500 psi	Contractor Value

- A. The required structural CIPP wall thickness shall be based, as a minimum, on the physical properties of the cured composite and per the design of the Professional Engineer (see section 1.3.G) and in accordance with the design equations contained in Appendix X1 of ASTM F1216, or Appendix X1.1 of ASTM F2019 and the following design parameters:

Design Safety Factor	2.0 (1.5 for pipes 36" or larger, if applicable)
Creep Retention Factor	50% or otherwise verified by test data
Ovality	2% or as measured by field inspection

Constrained Soil Modulus	Per AASHTO LRFD Section 12 and AWWA Manual M45
Groundwater Depth	As specified or indicated on the Plans
Soil Depth (above the crown)	As specified or indicated on the Plans
Live Load	Highway, railroad, airport or permanent structures as applicable
Soil Load (assumed)	120 lb./cu. ft. or as specified
Minimum Service Life	50 years

- B. The Contractor shall submit, prior to installation of the lining materials, certification of compliance with these specifications and/or the requirements of the pre-approved CIPP system. Certified material test results shall be included that confirm that all materials conform to these specifications and/or the pre-approved system. Materials not complying with these requirements will be rejected.
- C. The design soil modulus may be adjusted based on data, determined from detailed project soil testing results, as provided by the Owner in the contract documents.

PART 3 INSTALLATION

3.1 CONSTRUCTION REQUIREMENTS

- A. The wet-out tube shall be constructed of materials and methods that, when installed, shall provide a jointless and continuous structurally sound CIPP able to withstand all imposed static and dynamic loads on a long-term basis as required in the specifications.
- B. The Contractor may, under the direction of the Owner, utilize any of the existing manholes in the project area as installation access points. If a street must be closed to traffic because of the location of the sewer, the Contractor shall furnish a detailed traffic control plan and all labor and equipment necessary.
- C. Cleaning of Pipelines – Before ordering tube materials for the project, the Contractor shall remove all internal debris from the pipeline that will interfere with the installation and the final product delivery of the CIPP, as required in these specifications, and accurately measure and document the

diameter and length of the existing pipeline to be rehabilitated. Solid debris and deposits shall be removed from the system and disposed of properly by the Contractor. Moving material from manhole section to manhole section shall not be allowed. As applicable, the Contractor shall either plug or install a flow bypass pumping system to properly clean the pipelines. Precaution shall be taken by the Contractor in the use of cleaning equipment to avoid damage to the existing pipe. The repair of any damage, caused by the cleaning equipment, shall be the responsibility of the Contractor. Unless otherwise specified by the Owner, the Contractor shall dispose of all debris at no charge.

- D. Bypassing Existing Flows - The Contractor shall provide for the flow of existing mainline and service connection effluent, if applicable, around the section or sections of pipe designated for CIPP installation. With most small diameter pipelines, particularly on terminal sewers, plugging will be adequate but must be monitored on a regular basis to prevent backup of sewage. Service connection effluent may be plugged, if required, only after proper notification to the facility and may not remain plugged overnight. Installation of the CIPP shall not begin until the Contractor has installed the required plugs, or a sewage bypass system and all pumping facilities have been installed and tested under full operating conditions including the bypass of mainline and side sewer flows, if required. Once the installation has begun, existing flows shall be maintained, until the resin/tube composite is fully cured, cooled down, fully televised and the CIPP ends finished. The Contractor shall coordinate sewer bypass and flow interruptions with the Owner at least 7 days in advance. The pump and bypass lines shall be of adequate capacity and size to handle peak flows. The Contractor shall submit a detail of the bypass plan and design to the Owner before proceeding with any CIPP installation.
- E. Line Obstructions - It shall be the responsibility of the Contractor to clear the line of obstructions that will interfere with the installation and long-term performance of the CIPP. If pre-installation inspection reveals an obstruction, misalignment, broken or collapsed section or sag that was not identified as part of the original scope of work and will prohibit proper installation of the CIPP, the Contractor may be directed by the Owner to correct the problem(s) prior to installation by utilizing open cut repair methods. The Contractor shall be compensated for this work under a contingency pay item designated for open cut point repairs. Removal of any previously unknown obstructions shall be considered as a changed condition. The cost of removal of obstructions that appeared on pre-bid video documentation and made available to the Contractor, prior to the bid opening, shall be compensated for on a unit price basis in accordance with the contract

documents.

- F. The Contractor shall be responsible for confirming the locations of all branch service connections prior to installing the CIPP. If required in the contract documents, each connection will be dye tested to determine whether or not the connection is live or abandoned. Other approved methods to confirm live connections are acceptable. The cost for dye testing of existing service connections shall be compensated at the unit price bid in the Proposal for Dye Testing of Existing Service Connections. In the event the status of a service connection cannot be adequately defined, the Owner will make the final decision, prior to installation of the CIPP, as to the status. Typically, only service connections deemed "active" shall be reopened by the Contractor.
- 3.2 The Contractor shall be allowed use water from an owner-approved fire hydrant in the project vicinity. Use of an approved double check backflow assembly shall be required. Contractor shall provide his own approved assembly.

3.3 INSTALLATION OF CIPP

- A. The CIPP shall be installed and cured in the host pipe per the manufacturer's specifications as described and submitted in the PWS.
- B. CIPP installation shall be in accordance with the applicable ASTM standards as modified in this section 3.2.
- C. If significant groundwater infiltration is present in the existing sewer, the Contractor shall install a pre-liner tube or perform chemical grouting to control resin loss and contamination, maintain CIPP thickness, prevent physical property reduction and prevent inadequate curing of the CIPP resulting from water or other contamination of the resin during installation. The pre-liner tube shall be a plastic tube to fit the existing pipeline and shall be continuous from manhole (access) to manhole (access). Pre-liners are not required in this situation when using pulled-in tubes with exterior coatings or in the case of UV or LED wet-out tubes that contain an inner and outer foil material.
- D. The wet-out tube shall be positioned in the pipeline using the method specified by the manufacturer. Care should be exercised not to damage the tube as a result of installation. The wet-out tube should be pulled-in or inverted through an existing manhole or approved access point and fully extend to the next designated manhole or termination point.

- E. Prior to installation and as recommended by the manufacturer, remote temperature gauges or sensors shall be placed inside the host pipe to monitor the temperatures during the cure cycle. CIPP and/or host pipe interface temperature shall be monitored and logged during cure.
- F. To monitor the temperature of the CIPP wall and to verify correct curing, where specified by the contract documents, temperature monitors can be placed between the host pipe and the CIPP in the bottom of the host pipe (invert) at manholes or access points and/or throughout its entire length (continuous) to monitor the temperature on the outside of the CIPP during the curing process. Curing shall be accomplished by utilizing the appropriate medium or ultraviolet or LED light in accordance with the manufacturer's recommended cure procedure and/or schedule. The curing source or in and output temperatures shall be monitored and logged during the cure cycles, if applicable. The manufacturer's recommended cure method & schedule shall be used for each line segment installed, and the CIPP wall thickness and the existing ground conditions with regard to temperature, moisture level, and thermal conductivity of soil shall be taken into account by the Contractor.
- G. For heat cured CIPP, if any temperature sensor, or continuous sensor location does not reach the temperature as specified by the manufacturer to achieve proper curing or cooling, the installer can make necessary adjustments to comply with the manufacturer's recommendations. For continuous temperature monitoring, the system computer should have an output report that specifically identifies stations along the length of pipe, indicates the maximum temperature achieved and the sustained temperature time at the stations. At each station along the length of the pipe, the computer should record both the maximum temperature and the minimum cool down temperature and comply with the manufacturer's recommendations.
- H. For UV or LED Cured CIPP, light train sensor readings shall provide output documenting the cure along the entire length of the installed CIPP. The cure procedure shall be in accordance with the manufacturer's recommendation as included in the PWS submission by the Contractor.

3.4 COOL DOWN

- A. The Contractor shall cool the CIPP in accordance with the approved CIPP manufacturer's recommendations as described and outlined in the PWS.
- B. Temperatures and curing data shall be monitored and recorded by the

Contractor throughout the installation process to ensure that each phase of the process is achieved as approved in accordance with the CIPP system manufacturer's recommendations.

3.5 **FINISH**

- A. The installed CIPP shall be continuous over the entire length of a sewer line section and be free from visual defects such as foreign inclusions, dry spots, pinholes, major wrinkles and delamination. The CIPP shall be impervious and free of any leakage through the CIPP wall.
- B. Any defect which will or could affect the structural integrity or strength of the CIPP shall be repaired at the Contractor's expense in accordance with the procedures submitted under Section 1.7 CIPP Repair/Replacement.
- C. The beginning and end of the CIPP shall be sealed to the existing host pipe, if specified. The sealing material shall be compatible with the pipe end and shall provide a watertight seal.
- D. If any of the service connections leak water between the host pipe and the installed CIPP, the connection mainline interface shall be sealed, if required by these specifications, to provide a leak tight connection.
- E. If the wall of the CIPP leaks, it shall be repaired or removed and replaced with a watertight pipe as recommended by the manufacture of the CIPP system.

3.6 **MANHOLE CONNECTIONS AND RECONNECTIONS OF EXISTING SERVICES**

- A. A seal, consisting of a resin mixture or hydrophilic seal compatible with the installed CIPP, shall be applied at manhole/wall interface, if specified, in accordance with the CIPP System manufacturer's recommendations.
- B. Existing services shall be internally reconnected unless indicated otherwise in the contract documents
- C. Reconections of existing services shall be made after the CIPP has been installed, fully cured, and cooled down. It is the Contractor's responsibility to make sure that all active service connections are reconnected.
- D. A CCTV camera and remote cutting tool shall be used for internal

reconnections. The machined opening shall be at least 90 percent of the service connection opening area and the bottom of both openings must match. The opening shall not be more than 100 percent of the service connection opening. The edges of the opening shall not have pipe fragments or CIPP fragments which may obstruct flow or snag debris. In all cases the invert of the service connection shall be cut flush with the invert entering the mainline.

- E. If service reinstatements result in openings that are greater than 100 percent of the service connection opening, the Contractor shall install a CIPP type repair, sufficiently in size to completely cover the over-cut service connection. No additional compensation will be paid for the repair of over-cut service connections.
- F. Coupons or fragments of CIPP material resulting from service tap cutting shall be collected at the next manhole downstream of the pipe rehabilitation operation prior to leaving the site. Coupons may not be allowed to pass through the system.

3.7 TESTING OF INSTALLED CIPP

- A. The physical properties of the installed CIPP shall be verified through field sampling and laboratory testing. All materials testing shall be performed at the Owner's expense by an independent third-party laboratory selected by the Owner as recommended by the CIPP manufacturer. All tests shall be in accordance with applicable ASTM test methods to confirm compliance with the requirements specified in these contract documents, or as submitted in the PWS.
- B. The Contractor shall provide samples for testing to the Owner from the actual installed CIPP. Samples shall be provided from each section of CIPP installed or as required by the Owner. The sample shall be cut from a section of cured CIPP that has been inverted or pulled through a like diameter pipe which has been held in place by a suitable heat sink, such as sandbags. All curing, cutting and identification of samples will be witnessed by the Owner and transmitted by the Owner's representative as specified, and sent to the testing laboratory. Flat plate samples can be taken on pipelines greater than 18 inches in diameter, if specified. Identification on the

samples shall be standard chain of custody markings.

- C. The laboratory results shall identify the test sample location as referenced to the nearest manhole and station. Final payment for the project shall be withheld pending receipt and approval of the test results. If properties tested do not meet the minimum physical and thickness requirements, the CIPP shall be repaired or replaced by the Contractor unless the actual physical properties and the thickness of the sample tested meet the design requirements as required in the contract.
- D. Chemical resistance - The CIPP system installed shall meet the chemical resistance requirements of ASTM F1216 or ASTM D5813. CIPP samples tested shall be of the fabric tube and the specific resin proposed for actual construction. It is required that CIPP samples without plastic coating meet these chemical testing requirements. A certification may be submitted, by the Contractor, from the manufacturer verifying that the chemical resistance of the CIPP meets the contract requirements.
- E. Hydraulic Capacity - The installed CIPP shall, at a minimum, be equal to the full flow capacity of the original pipe before rehabilitation. Calculated capacities may be derived using a commonly accepted roughness coefficient for the existing pipe material taking into consideration its age and condition.
- F. The installed CIPP thickness shall be measured for each line section installed as per the ASTM requirements specified. If the CIPP thickness does not meet that specified in the contract and submitted as the approved design by the Contractor, then the CIPP shall be repaired or removed unless the tested physical properties and the thickness of the sample tested meet the design requirements as required in the contract. The CIPP thickness shall have tolerance of minus 5%. In worker-entry size piping, where sampling is by flat plate, a quality based approach using the approved quality plan will be used to accept installed thickness (see discussion in following text box). If the plate sample does not meet the required physical property values, or if any quality checks are deficient, it may be necessary for the Contractor to remove a 2-inch core from the CIPP 12 o'clock position to check thickness. The openings produced from core samples shall be repaired in accordance with manufacturer's recommended procedures.
- G. All costs to the Contractor associated with providing cured CIPP samples for testing shall be included in the Lump Sum price bid.

3.8 FINAL ACCEPTANCE

- A. CIPP sample testing and repairs to the installed CIPP, as applicable, shall be completed before final acceptance, meeting the requirements of these specifications and documented in written form.
- B. The Contractor shall perform a detailed closed-circuit television inspection in the presence of the Owner after installation of the CIPP and reconnection of the side sewers. Conventional pan and tilt TV camera or sidewall scanning technology, as approved by Owner, shall be used. The finished CIPP shall be continuous over the entire length of the installation and shall be free of significant visual defects, damage, lifts, holes, leaks and other defects that are not a reflection of the existing pipe condition. Unedited digital documentation of the inspection shall be provided to the Owner within ten (10) working days of the CIPP installation. The data shall note the inspection date, location of all reconnected side sewers, debris, as well as any defects in the CIPP, including, but not limited to, gouges, cracks, bumps, or bulges. If post installation inspection documentation is not submitted within ten (10) working days of the CIPP installation, the Owner may at its discretion suspend any further installation of CIPP until the post-installation documentation is submitted. As a result of this suspension, no additional working days will be added to the contract, nor will any adjustment be made for increase in cost. Immediately prior to conducting the closed- circuit television inspection, the Contractor shall thoroughly clean the newly installed CIPP removing all debris and build-up that may have accumulated at no additional cost to the Owner.
- C. If required by the Owner in the specifications, and if the pipe diameter is less than or equal to 36", the CIPP shall be tested for leakage using the water exfiltration test (ASTM F1216 8.2) or a low pressure air test (refer to Appendix A). Testing is limited to pipe lengths with no reinstated service laterals and could delay service lateral reinstatement.
- D. Not all CIPP line segments can be air tested because of end configurations in the manhole, shape of the CIPP and CIPP irregularities. It is recommended that only a set percentage of the line segments in any one project be tested in lieu of testing each line segment.

Low pressure air testing can be a dangerous operation. It is imperative that all safety protocols for plug operation & maintenance and air testing be followed, including proper blocking/bracing of plugs during the air test and limiting air tests to a maximum diameter of 36 inches.

E. Bypass pumping or plugging from the upstream manhole shall be utilized to minimize sewage from entering the line during the inspection. In the case of bellies in the line, the pipe shall be cleared of any standing water to provide continuous visibility during the inspection.

Air Testing of CIPP

Pressure gauges used for this test shall have a minimum division of 0.1 psi and an accuracy of 0.0625 psi.

Test Procedure:

1. The tested pipe may be wet or dry.
2. The minimum test pressure should equal 3.5 psi plus 0.433 psi for each foot of average water or groundwater depth over the crown of the pipe. The maximum test pressure shall be 6 psi.
3. Slowly add air to the section of pipe being tested until the internal air pressure is raised to 4 psi greater than the average back pressure due to water or groundwater. The maximum air pressure shall be 6 psi.
4. Once the test pressure is reached, allow a period of time for the air temperature to stabilize. The stabilization period can vary from a few minutes to an hour or more dependent upon the temperature of the air and CIPP under test. Add air to maintain pressure.
5. After the temperature stabilization period, disconnect the air supply.
6. Record the time in seconds required for the air pressure to drop from 3.5 to 2.5 psi greater than the average back pressure due to water or groundwater.

Acceptance Criteria:

The tested section is acceptable if the time recorded is not less than the time in

seconds (T): $T = K/C$ Where:

K = the sum of the computations ($0.011d^2L$) for each size of CIPP and its length in the section

C = the sum of the computations ($0.0003882 dL$) for each size of CIPP and its length in the section; the minimum value for C = 1

d = inside diameter of CIPP in inches

L = length of CIPP in feet

If the tested section fails the air test (time recorded is less than T), check all connections of the test apparatus with soapy water for leaks. Complete another stabilization period (# 4 above) and retest. If the tested section fails again but the results are better (time recorded is still less than T but closer), the problem may be temperature stabilization or re-rounding or expansion of the CIPP. Repeat the stabilization/test cycle if results continue to improve until the section passes. If after repeated test/stabilization cycles the results are not improving, there is most likely a leak in the CIPP or the test apparatus.

If it is determined that there is a leak in the CIPP test section, then a visual test will be performed to locate the leak and repair it, if possible. Repairs will be in accordance with manufacturer's recommendations. Once repaired, the section should be retested.

Not all CIPP line segments can be air tested because of end configurations in the manhole, shape of the CIPP and CIPP irregularities such as wrinkles. It is recommended that only a set percentage (typically 10%) of the line segments in any one project be tested in lieu of testing each line segment.

Low pressure air testing can be a dangerous operation. It is imperative that all safety protocols for plug operation & maintenance and air testing be followed, including proper blocking/bracing of plugs during the air test and limiting air tests to a maximum diameter of 36 inches.

Table 1: Example Air Test Chart for Gravity Sewers

*Adapted from "Oregon Standard Specifications for Construction, 2015, Section 00445.72 Pipe Testing, pp. 330-331"

Table 1: Example Air Test Chart for Gravity Sewers

Example Air Test Chart for Gravity Sewers																		
Minimum Acceptance Time for Pressure Drop from 3.5 to 2.5 psi																		
Adapted from "Oregon Standard Specifications for Construction" (2015)																		
Diameter	6-inch			8-inch			10-inch			12-inch			18-inch			24-inch		
Length (ft.)	C	K	Minimum Time	C	K	Minimum Time	C	K	Minimum Time	C	K	Minimum Time	C	K	Minimum Time	C	K	Minimum Time
			Min.-Sec.			Min.-Sec.			Min.-Sec.			Min.-Sec.			Min.-Sec.			Min.-Sec.
100	1.00	35	0'-35"	1.00	64	1'-02"	1.00	100	1'-40"	1.00	146	2'-26"	1.00	329	5'-29"	1.00	585	9'-45"
150	1.00	53	0'-53"	1.00	93	1'-33"	1.00	150	2'-30"	1.00	219	3'-39"	1.01	493	8'-10"	1.34	877	10'-53"
200	1.00	70	1'-10"	1.00	125	2'-05"	1.00	200	3'-20"	1.00	292	4'-52"	1.34	658	8'-10"	1.79	1169	10'-53"
250	1.00	88	1'-28"	1.00	156	2'-36"	1.00	250	4'-10"	1.12	365	5'-27"	1.68	822	8'-10"	2.24	1462	10'-53"
300	1.00	105	1'-45"	1.00	187	3'-07"	1.11	300	4'-30"	1.34	439	5'-27"	2.01	987	8'-10"	2.68	1754	10'-53"
350	1.00	123	2'-03"	1.02	218	3'-33"	1.29	349	4'-30"	1.57	512	5'-27"	2.35	1151	8'-10"	3.13	2046	10'-53"
400	1.00	140	2'-20"	1.17	249	3'-33"	1.48	399	4'-30"	1.79	585	5'-27"	2.68	1316	8'-10"	3.58	2339	10'-53"
450	1.00	158	2'-38"	1.31	280	3'-33"	1.66	449	4'-30"	2.01	658	5'-27"	3.02	1480	8'-10"	4.03	2631	10'-53"
500	1.10	175	2'-40"	1.46	312	3'-33"	1.85	499	4'-30"	2.24	731	5'-27"	3.36	1644	8'-10"	4.47	2923	10'-53"
550	1.21	193	2'-40"	1.61	343	3'-33"	2.03	549	4'-30"	2.46	804	5'-27"	3.69	1809	8'-10"	4.92	3216	10'-53"
600	1.31	210	2'-40"	1.75	374	3'-33"	2.22	599	4'-30"	2.68	877	5'-27"	4.03	1973	8'-10"	5.37	3508	10'-53"
650	1.42	228	2'-40"	1.90	405	3'-33"	2.40	649	4'-30"	2.91	950	5'-27"	4.36	2138	8'-10"	5.82	3801	10'-53"
700	1.53	245	2'-40"	2.05	436	3'-33"	2.59	699	4'-30"	3.13	1023	5'-27"	4.70	2302	8'-10"	6.26	4093	10'-53"

Notes:	1. $C = (0.0003882)dL$	4. If C is less than 1 use C =1
	2. $K = (0.011)d^2L$	5. For project calculated minimum times, use actual inside diameter of CIPP
	3. $T_{(sec)} = (K/C)$	6. Calculations shown are for 4.5 mm CIPP for 6", 6 mm for 8", 10" & 12", 9 mm for 18" and 12 mm for 24"
	7. If $C > 1$, $T_{(sec)} = 28.34d$	

SECTION 260533 - RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Metal conduits, tubing, and fittings.
2. Nonmetal conduits, tubing, and fittings.
3. Metal wireways and auxiliary gutters.
4. Boxes, enclosures, and cabinets.
5. Handholes and boxes for exterior underground cabling.

1.2 ACTION SUBMITTALS

- A. Product Data: For fittings, floor boxes, hinged-cover enclosures, and cabinets.
- B. Shop Drawings: For custom enclosures and cabinets. Include plans, elevations, sections, and attachment details.

PART 2 - PRODUCTS

2.1 METAL CONDUITS, TUBING, AND FITTINGS

- A. Listing and Labeling: Metal conduits, tubing, and fittings shall be listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- B. GRC: Comply with ANSI C80.1 and UL 6.
- C. ARC: Comply with ANSI C80.5 and UL 6A.
- D. IMC: Comply with ANSI C80.6 and UL 1242.
- E. EMT: Comply with ANSI C80.3 and UL 797.
- F. LFMC: Flexible steel conduit with PVC jacket and complying with UL 360.
- G. Fittings for Metal Conduit: Comply with NEMA FB 1 and UL 514B.
 1. Fittings for EMT:
 - a. Material: Steel.
 - b. Type: Compression.

- H. Joint Compound for IMC, GRC, or ARC: Approved, as defined in NFPA 70, by authorities having jurisdiction for use in conduit assemblies, and compounded for use to lubricate and protect threaded conduit joints from corrosion and to enhance their conductivity.

2.2 TYPE EMT-S RACEWAYS AND ELBOWS

A. Steel Electrical Metal Tubing (EMT-S) and Elbows:

1. Applicable Standards:

- a. Regulatory Requirements: Listed and labeled in accordance with NFPA 70 and marked for intended location and use.
- b. General Characteristics:
 - 1) Reference Standards: UL 797 and UL Category Control Number FJMX.
 - 2) Material: Steel.
 - 3) Exterior Coating: Zinc
 - 4) Interior Coating: Zinc
- c. Options:
 - 1) Minimum Trade Size: 3/4 inch
 - 2) Colors: As indicated on Drawings.

2.3 TYPE EPEC RACEWAYS AND FITTINGS

A. Schedule 40 Electrical HDPE Underground Conduit (EPEC-40):

1. Applicable Standards:

- a. Regulatory Requirements: Listed and labeled in accordance with NFPA 70 and marked for intended location and use.
- b. General Characteristics:
 - 1) Reference Standards: UL 651A and UL Category Control Number EAZX.
 - 2) Dimensional Specifications: Schedule 40.
- c. Options:
 - 1) Minimum Trade Size: 3/4 inch.

2.4 NONMETALLIC CONDUITS, TUBING, AND FITTINGS

- A. Listing and Labeling: Nonmetallic conduits, tubing, and fittings shall be listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- B. ENT: Comply with NEMA TC 13 and UL 1653.
- C. RNC: Type EPC-40-PVC, complying with NEMA TC 2 and UL 651 unless otherwise indicated.
- D. LFNC: Comply with UL 1660.
- E. Rigid HDPE: Comply with UL 651A.
- F. Continuous HDPE: Comply with UL 651B.
- G. Coilable HDPE: Preassembled with conductors or cables, and complying with ASTM D 3485.
- H. RTRC: Comply with UL 1684A and NEMA TC 14.
- I. Fittings for ENT and RNC: Comply with NEMA TC 3; match to conduit or tubing type and material.
- J. Fittings for LFNC: Comply with UL 514B.
- K. Solvent cements and adhesive primers shall have a VOC content of 510 and 550 g/L or less, respectively, when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
- L. Solvent cements and adhesive primers shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."

2.5 METAL WIREWAYS AND AUXILIARY GUTTERS

- A. Description: Sheet metal, complying with UL 870 and NEMA 250, Type 3R unless otherwise indicated, and sized according to NFPA 70.
 - 1. Metal wireways installed outdoors shall be listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- B. Fittings and Accessories: Include covers, couplings, offsets, elbows, expansion joints, adapters, hold-down straps, end caps, and other fittings to match and mate with wireways as required for complete system.
- C. Wireway Covers: Flanged-and-gasketed type unless otherwise indicated.
- D. Finish: Manufacturer's standard enamel finish.

2.6 BOXES, ENCLOSURES, AND CABINETS

- A. General Requirements for Boxes, Enclosures, and Cabinets: Boxes, enclosures, and cabinets installed in wet locations shall be listed for use in wet locations.
- B. Sheet Metal Outlet and Device Boxes: Comply with NEMA OS 1 and UL 514A.
- C. Small Sheet Metal Pull and Junction Boxes: NEMA OS 1.
- D. Box extensions used to accommodate new building finishes shall be of same material as recessed box.
- E. Device Box Dimensions: 4 inches square by 2-1/8 inches deep.
- F. Gangable boxes are prohibited.
- G. Cabinets:
 - 1. NEMA 250, Type 3R galvanized-steel box with removable interior panel and removable front, finished inside and out with manufacturer's standard enamel.
 - 2. Hinged door in front cover with flush latch and concealed hinge.
 - 3. Key latch to match panelboards.
 - 4. Metal barriers to separate wiring of different systems and voltage.
 - 5. Accessory feet where required for freestanding equipment.

2.7 HANDHOLES AND BOXES FOR EXTERIOR UNDERGROUND WIRING

- A. General Requirements for Boxes:
 - 1. Boxes and handholes for use in underground systems shall be designed and identified as defined in NFPA 70, for intended location and application.
 - 2. Boxes installed in wet areas shall be listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
 - 3. Bell Type with no knock-outs.

2.8 SOURCE QUALITY CONTROL FOR UNDERGROUND ENCLOSURES

- A. Pull-Box Prototype Test: Test prototypes boxes for compliance with SCTE 77. Strength tests shall be for specified tier ratings of products supplied.
 - 1. Tests of materials shall be performed by an independent testing agency.
 - 2. Strength tests of complete boxes and covers shall be by either an independent testing agency or manufacturer. A qualified registered professional engineer shall certify tests by manufacturer.
 - 3. Testing machine pressure gages shall have current calibration certification complying with ISO 9000 and ISO 10012 and traceable to NIST standards.

4. Where direct-buried conductors, raceway, or cables are subject to movement by settlement or frost, direct-buried conductors, raceway, or cables shall be arranged so as to prevent damage to the enclosed conductors or to equipment connected to raceways.

PART 3 - EXECUTION

3.1 RACEWAY APPLICATION

- A. Outdoors: Apply raceway products as specified below unless otherwise indicated:
 1. Exposed Conduit: GRC.
 2. Concealed Conduit, Aboveground: GRC.
 3. Underground Conduit: RNC, Type EPC-40-PVC,.
 4. Connection to Vibrating Equipment (Including Transformers and Hydraulic, Pneumatic, Electric Solenoid, or Motor-Driven Equipment): LFMC or LFNC.
 5. Boxes and Enclosures, Aboveground: NEMA 250, Type 3R.
- B. Indoors: Apply raceway products as specified below unless otherwise indicated:
 1. Exposed, Not Subject to Physical Damage: EMT.
 2. Concealed in Ceilings and Interior Walls and Partitions: EMT.
 3. Connection to Vibrating Equipment (Including Transformers and Hydraulic, Pneumatic, Electric Solenoid, or Motor-Driven Equipment): LFMC.
 4. Damp or Wet Locations: GRC.
 5. Boxes and Enclosures: NEMA 250, Type 1, except use NEMA 250, Type 4 stainless steel in institutional and commercial kitchens and damp or wet locations.
- C. Minimum Raceway Size: 3/4-inch trade size.
- D. Raceway Fittings: Compatible with raceways and suitable for use and location.
 1. Rigid and Intermediate Steel Conduit: Use threaded rigid steel conduit fittings unless otherwise indicated. Comply with NEMA FB 2.10.
 2. EMT: Use Compression fittings. Comply with NEMA FB 2.10.
 3. Flexible Conduit: Use only fittings listed for use with flexible conduit. Comply with NEMA FB 2.20.
- E. Install nonferrous conduit or tubing for circuits operating above 60 Hz. Where aluminum raceways are installed for such circuits and pass through concrete, install in nonmetallic sleeve.
- F. Do not install aluminum conduits, boxes, or fittings in contact with concrete or earth.
- G. Do not install nonmetallic conduit where ambient temperature exceeds 120 deg F.

3.2 INSTALLATION

- A. Comply with NECA 1 and NECA 101 for installation requirements except where requirements on Drawings or in this article are stricter. Comply with NECA 102 for aluminum conduits. Comply with NFPA 70 limitations for types of raceways allowed in specific occupancies and number of floors.
- B. Keep raceways at least 6 inches away from parallel runs of flues and steam or hot-water pipes. Install horizontal raceway runs above water and steam piping.
- C. Complete raceway installation before starting conductor installation.
- D. Comply with requirements in Section 260529 "Hangers and Supports for Electrical Systems" for hangers and supports.
- E. Arrange stub-ups so curved portions of bends are not visible above finished slab.
- F. Install no more than the equivalent of three 90-degree bends in any conduit run except for control wiring conduits, for which fewer bends are allowed. Support within 12 inches of changes in direction.
- G. Conceal conduit and EMT within finished walls, ceilings, and floors unless otherwise indicated. Install conduits parallel or perpendicular to building lines.
- H. Support conduit within 12 inches of enclosures to which attached.
- I. Stub-ups to Above Recessed Ceilings:
 - 1. Use EMT, IMC, or RMC for raceways.
 - 2. Use a conduit bushing or insulated fitting to terminate stub-ups not terminated in hubs or in an enclosure.
- J. Threaded Conduit Joints, Exposed to Wet, Damp, Corrosive, or Outdoor Conditions: Apply listed compound to threads of raceway and fittings before making up joints. Follow compound manufacturer's written instructions.
- K. Coat field-cut threads on PVC-coated raceway with a corrosion-preventing conductive compound prior to assembly.
- L. Raceway Terminations at Locations Subject to Moisture or Vibration: Use insulating bushings to protect conductors including conductors smaller than No. 4 AWG.
- M. Terminate threaded conduits into threaded hubs or with locknuts on inside and outside of boxes or cabinets. Install bushings on conduits up to 1-1/4-inch trade size and insulated throat metal bushings on 1-1/2-inch trade size and larger conduits terminated with locknuts. Install insulated throat metal grounding bushings on service conduits.
- N. Install raceways square to the enclosure and terminate at enclosures with locknuts. Install locknuts hand tight plus 1/4 turn more.

- O. Do not rely on locknuts to penetrate nonconductive coatings on enclosures. Remove coatings in the locknut area prior to assembling conduit to enclosure to assure a continuous ground path.
- P. Cut conduit perpendicular to the length. For conduits 2-inch trade size and larger, use roll cutter or a guide to make cut straight and perpendicular to the length.
- Q. Install pull wires in empty raceways. Use polypropylene or monofilament plastic line with not less than 200-lb tensile strength. Leave at least 12 inches of slack at each end of pull wire. Cap underground raceways designated as spare above grade alongside raceways in use.
- R. Surface Raceways:
 - 1. Install surface raceway with a minimum 2-inch radius control at bend points.
 - 2. Secure surface raceway with screws or other anchor-type devices at intervals not exceeding 48 inches and with no less than two supports per straight raceway section. Support surface raceway according to manufacturer's written instructions. Tape and glue are not acceptable support methods.
 - 3. Conduit shall be surface mounted within 12" of boxes, cameras, and enclosures
 - 4. Conduit installed below 10 feet after finish floor shall be secured with two-hole clamps, spaced at 36 inches maximum.
 - 5. Tamper proof security hardware, and two-hole clamps are required were raceway is below 10 feet in secured areas.
- S. Install raceway sealing fittings at accessible locations according to NFPA 70 and fill them with listed sealing compound. For concealed raceways, install each fitting in a flush steel box with a blank cover plate having a finish similar to that of adjacent plates or surfaces. Install raceway sealing fittings according to NFPA 70.
- T. Install devices to seal raceway interiors at accessible locations. Locate seals so no fittings or boxes are between the seal and the following changes of environments. Seal the interior of all raceways at the following points:
 - 1. Where conduits pass from warm to cold locations, such as boundaries of refrigerated spaces.
 - 2. Where an underground service raceway enters a building or structure.
 - 3. Where otherwise required by NFPA 70.
- U. Comply with manufacturer's written instructions for solvent welding RNC and fittings.
- V. Expansion-Joint Fittings:
 - 1. Install in each run of aboveground RNC that is located where environmental temperature change may exceed 30 deg F and that has straight-run length that exceeds 25 feet. Install in each run of aboveground RMC and EMT conduit that is located where environmental temperature change may exceed 100 deg F and that has straight-run length that exceeds 100 feet.
 - 2. Install type and quantity of fittings that accommodate temperature change listed for each of the following locations:

- a. Outdoor Locations Not Exposed to Direct Sunlight: 125 deg F temperature change.
 - b. Outdoor Locations Exposed to Direct Sunlight: 155 deg F temperature change.
 - c. Indoor Spaces Connected with Outdoors without Physical Separation: 125 deg F temperature change.
 - d. Attics: 135 deg F temperature change.
3. Install fitting(s) that provide expansion and contraction for at least 0.00041 inch per foot of length of straight run per deg F of temperature change for PVC conduits. Install fitting(s) that provide expansion and contraction for at least 0.000078 inch per foot of length of straight run per deg F of temperature change for metal conduits.
 4. Install expansion fittings at all locations where conduits cross building or structure expansion joints.
 5. Install each expansion-joint fitting with position, mounting, and piston setting selected according to manufacturer's written instructions for conditions at specific location at time of installation. Install conduit supports to allow for expansion movement.
- W. Flexible Conduit Connections: Comply with NEMA RV 3. Use a maximum of 72 inches of flexible conduit for equipment subject to vibration, noise transmission, or movement; and for transformers and motors.
1. Use LFMC in damp or wet locations subject to severe physical damage.
 2. Use LFMC or LFNC in damp or wet locations not subject to severe physical damage.
- X. Support boxes of three gangs or more from more than one side by spanning two framing members or mounting on brackets specifically designed for the purpose.
- Y. Fasten junction and pull boxes to or support from building structure. Do not support boxes by conduits.
- 3.3 SLEEVE AND SLEEVE-SEAL INSTALLATION FOR ELECTRICAL PENETRATIONS
- A. Install sleeves and sleeve seals at penetrations of exterior floor and wall assemblies. Comply with requirements in Section 260544 "Sleeves and Sleeve Seals for Electrical Raceways and Cabling."
- 3.4 PROTECTION
- A. Protect coatings, finishes, and cabinets from damage and deterioration.
1. Repair damage to galvanized finishes with zinc-rich paint recommended by manufacturer.
 2. Repair damage to PVC coatings or paint finishes with matching touchup coating recommended by manufacturer.

END OF SECTION 260533

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SECTION 260529 - HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Hangers and supports for electrical equipment and systems.

1.2 PERFORMANCE REQUIREMENTS

- A. Design equipment supports capable of supporting combined operating weight of supported equipment and connected systems and components.
- B. Rated Strength: Adequate in tension, shear, and pullout force to resist maximum loads calculated or imposed for this Project, with a minimum structural safety factor of five times the applied force.

1.3 QUALITY ASSURANCE

- A. Welding: Qualify procedures and personnel according to AWS D1.1/D1.1M, "Structural Welding Code - Steel."
- B. Comply with NFPA 70.

1.4 COORDINATION

- A. Coordinate size and location of concrete bases. Cast anchor-bolt inserts into bases. Concrete, reinforcement, and formwork requirements are specified together with concrete Specifications.

PART 2 - PRODUCTS

2.1 SUPPORT, ANCHORAGE, AND ATTACHMENT COMPONENTS

- A. Steel Slotted Support Systems: Comply with MFMA-4, factory-fabricated components for field assembly.
 - 1. Metallic Coatings: Hot-dip galvanized after fabrication and applied according to MFMA-4.
 - 2. Painted Coatings: Manufacturer's standard painted coating applied according to MFMA-4.
 - 3. Channel Dimensions: Selected for applicable load criteria.

- B. Raceway and Cable Supports: As described in NECA 1 and NECA 101.
- C. Conduit and Cable Support Devices: Steel hangers, clamps, and associated fittings, designed for types and sizes of raceway or cable to be supported.
- D. Structural Steel for Fabricated Supports and Restraints: ASTM A 36/A 36M, steel plates, shapes, and bars; black and galvanized.
- E. Mounting, Anchoring, and Attachment Components: Items for fastening electrical items or their supports to building surfaces include the following:
 - 1. Compression fittings
 - 2. Two-Hole straps mounted five feet on center.
 - 3. Tamper-proof Security Hardware.

2.2 FABRICATED METAL EQUIPMENT SUPPORT ASSEMBLIES

- A. Description: Welded or bolted, structural-steel shapes, shop or field fabricated to fit dimensions of supported equipment.

PART 3 - EXECUTION

3.1 APPLICATION

- A. Comply with NECA 1 and NECA 101 for application of hangers and supports for electrical equipment and systems except if requirements in this Section are stricter.
- B. Maximum Support Spacing and Minimum Hanger Rod Size for Raceway: Space supports for EMT, IMC, and RMC as required by NFPA 70. Minimum rod size shall be 3/8 inch in diameter.
- C. Spring-steel clamps designed for supporting single conduits without bolts may be used for 1-1/2-inch and smaller raceways serving branch circuits and communication systems above suspended ceilings and for fastening raceways to trapeze supports.

3.2 SUPPORT INSTALLATION IN NON SECURED AREAS

- A. Comply with NECA 1 and NECA 101 for installation requirements except as specified in this Article.
- B. Raceway Support Methods: In addition to methods described in NECA 1, EMT, IMC, and RMC may be supported by openings through structure members, as permitted in NFPA 70.
- C. Strength of Support Assemblies: Where not indicated, select sizes of components so strength will be adequate to carry present and future static loads within specified loading limits.

Minimum static design load used for strength determination shall be weight of supported components plus 200 lb.

- D. Mounting and Anchorage of Surface-Mounted Equipment and Components: Anchor and fasten electrical items and their supports to building structural elements by the following methods unless otherwise indicated by code:
1. To Wood: Fasten with lag screws or through bolts.
 2. To New Concrete: Bolt to concrete inserts.
 3. To Masonry: Approved toggle-type bolts on hollow masonry units and expansion anchor fasteners on solid masonry units.
 4. To Existing Concrete: Expansion anchor fasteners.
 5. Instead of expansion anchors, powder-actuated driven threaded studs provided with lock washers and nuts may be used in existing standard-weight concrete 4 inches thick or greater. Do not use for anchorage to lightweight-aggregate concrete or for slabs less than 4 inches thick.
 6. To Steel: Welded threaded studs complying with AWS D1.1/D1.1M, with lock washers and nuts.
 7. To Light Steel: Sheet metal screws.
 8. Items Mounted on Hollow Walls and Nonstructural Building Surfaces: Mount cabinets, panelboards, disconnect switches, control enclosures, pull and junction boxes, transformers, and other devices on slotted-channel racks attached to substrate.
- E. Drill holes for expansion anchors in concrete at locations and to depths that avoid reinforcing bars.
- F. Support conduit within 12 inches of enclosures to which attached.
- G. Boxes shall have independent supports.

3.3 INSTALLATION OF FABRICATED METAL SUPPORTS

- A. Comply with installation requirements.
- B. Cut, fit, and place miscellaneous metal supports accurately in location, alignment, and elevation to support and anchor electrical materials and equipment.
- C. Field Welding: Comply with AWS D1.1/D1.1M.
- D. Support conduit within 12 inches of enclosures to which attached.
- E. Boxes shall have independent supports.

END OF SECTION 260529

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SECTION 260526 - GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes grounding and bonding systems and equipment.

1.2 INFORMATIONAL SUBMITTALS

- A. As-Built Data: Plans showing dimensioned as-built locations of grounding features specified in "Field Quality Control" Article, including the following:
 - 1. Ground rods.
- B. Qualification Data: For testing agency and testing agency's field supervisor.
- C. Field quality-control reports.

1.3 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For grounding to include in emergency, operation, and maintenance manuals.

1.4 QUALITY ASSURANCE

- A. Testing Agency Qualifications: Member company of NETA or an NRTL.
 - 1. Testing Agency's Field Supervisor: Certified by NETA to supervise on-site testing.
- B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- C. Comply with UL 467 for grounding and bonding materials and equipment.

PART 2 - PRODUCTS

2.1 SYSTEM DESCRIPTION

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- B. Comply with UL 467 for grounding and bonding materials and equipment.

2.2 CONDUCTORS

- A. Insulated Conductors: Copper wire or cable insulated for 600 V unless otherwise required by applicable Code or authorities having jurisdiction.
- B. Bare Copper Conductors:
 - 1. Solid Conductors: ASTM B 3.
 - 2. Stranded Conductors: ASTM B 8.
 - 3. Tinned Conductors: ASTM B 33.
 - 4. Bonding Cable: 28 kcmil, 14 strands of No. 17 AWG conductor, 1/4 inch in diameter.
 - 5. Bonding Conductor: No. 4 or No. 6 AWG, stranded conductor.
 - 6. Bonding Jumper: Copper tape, braided conductors terminated with copper ferrules; 1-5/8 inches wide and 1/16 inch thick.
 - 7. Tinned Bonding Jumper: Tinned-copper tape, braided conductors terminated with copper ferrules; 1-5/8 inches wide and 1/16 inch thick.
- C. Grounding Bus: Predrilled rectangular bars of annealed copper, 1/4 by 4 inches in cross section, with 9/32-inch holes spaced 1-1/8 inches apart. Stand-off insulators for mounting shall comply with UL 891 for use in switchboards, 600 V and shall be Lexan or PVC, impulse tested at 5000 V.

2.3 CONNECTORS

- A. Listed and labeled by an NRTL acceptable to authorities having jurisdiction for applications in which used and for specific types, sizes, and combinations of conductors and other items connected.
- B. Bolted Connectors for Conductors and Pipes: Copper or copper alloy.
- C. Welded Connectors: Exothermic-welding kits of types recommended by kit manufacturer for materials being joined and installation conditions.
- D. Bus-Bar Connectors: Mechanical type, cast silicon bronze, solderless compression-type wire terminals, and long-barrel, two-bolt connection to ground bus bar.

2.4 GROUNDING ELECTRODES

- A. Ground Rods: Copper-clad steel; 5/8 by 96 inches.

PART 3 - EXECUTION

3.1 APPLICATIONS

- A. Conductors: Install stranded conductors for No. 8 AWG and larger unless otherwise indicated.
- B. Grounding Bus: Install in cabinets.

1. Install bus horizontally, on insulated spacers 2 inches minimum from housing.

C. Conductor Terminations and Connections:

1. Pipe and Equipment Grounding Conductor Terminations: Bolted connectors.
2. Underground Connections: Welded connectors except at test wells and as otherwise indicated.
3. Connections to Ground Rods at Test Wells: Bolted connectors.

3.2 GROUNDING UNDERGROUND DISTRIBUTION SYSTEM COMPONENTS

A. Comply with IEEE C2 grounding requirements.

- B. Grounding Manholes and Handholes: Install a driven ground rod through manhole or handhole floor, close to wall, and set rod depth so 4 inches will extend above finished floor. If necessary, install ground rod before manhole is placed and provide No. 1/0 AWG bare, tinned-copper conductor from ground rod into manhole through a waterproof sleeve in manhole wall. Protect ground rods passing through concrete floor with a double wrapping of pressure-sensitive insulating tape or heat-shrunk insulating sleeve from 2 inches above to 6 inches below concrete. Seal floor opening with waterproof, non-shrink grout.

- C. Grounding Connections to Manhole Components: Bond exposed-metal parts such as inserts, cable racks, pulling irons, ladders, and cable shields within each manhole or handhole, to ground rod or grounding conductor. Make connections with No. 4 AWG minimum, stranded, hard-drawn copper bonding conductor. Train conductors level or plumb around corners and fasten to manhole walls. Connect to cable armor and cable shields according to written instructions by manufacturer of splicing and termination kits.

- D. Pad-Mounted Cabinets: Install two ground rods and ground ring around the pad. Ground pad-mounted equipment and noncurrent-carrying metal items associated with substations by connecting them to underground cable and grounding electrodes. Install tinned-copper conductor not less than No. 2 AWG for ground ring and for taps to equipment grounding terminals. Bury ground ring not less than 6 inches from the foundation.

3.3 EQUIPMENT GROUNDING

A. Install insulated equipment grounding conductors with all feeders and branch circuits.

- B. Install insulated equipment grounding conductors with the following items, in addition to those required by NFPA 70:

1. Feeders and branch circuits.
2. Lighting circuits.
3. Receptacle circuits.
4. Flexible raceway runs.

- C. Poles Supporting Outdoor Lighting Fixtures: Install grounding electrode and a separate insulated equipment grounding conductor in addition to grounding conductor installed with branch-circuit conductors.

3.4 INSTALLATION

- A. Grounding Conductors: Route along shortest and straightest paths possible unless otherwise indicated or required by Code. Avoid obstructing access or placing conductors where they may be subjected to strain, impact, or damage.
- B. Ground Rods: Drive rods until tops are 2 inches below finished floor or final grade unless otherwise indicated.
 - 1. Interconnect ground rods with grounding electrode conductor below grade and as otherwise indicated. Make connections without exposing steel or damaging coating if any.
- C. Bonding Straps and Jumpers: Install in locations accessible for inspection and maintenance except where routed through short lengths of conduit.
 - 1. Bonding to Structure: Bond straps directly to basic structure, taking care not to penetrate any adjacent parts.
 - 2. Bonding to Equipment Mounted on Vibration Isolation Hangers and Supports: Install bonding so vibration is not transmitted to rigidly mounted equipment.
 - 3. Use exothermic-welded connectors for outdoor locations; if a disconnect-type connection is required, use a bolted clamp.

3.5 FIELD QUALITY CONTROL

- A. Testing Agency: Engage a qualified testing agency to perform tests and inspections.
- B. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections.
- C. Perform tests and inspections.
 - 1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.
- D. Tests and Inspections:
 - 1. After installing grounding system but before permanent electrical circuits have been energized, test for compliance with requirements.
 - 2. Inspect physical and mechanical condition. Verify tightness of accessible, bolted, electrical connections with a calibrated torque wrench according to manufacturer's written instructions.

3. Test completed grounding system at each location where a maximum ground-resistance level is specified at individual ground rods. Make tests at ground rods before any conductors are connected.
 - a. Measure ground resistance no fewer than two full days after last trace of precipitation and without soil being moistened by any means other than natural drainage or seepage and without chemical treatment or other artificial means of reducing natural ground resistance.
 - b. Perform tests by fall-of-potential method according to IEEE 81.
 4. Prepare dimensioned Drawings locating each ground rod and other grounding electrodes. Identify each by letter in alphabetical order, and key to the record of tests and observations. Include the number of rods driven and their depth at each location, and include observations of weather and other phenomena that may affect test results. Describe measures taken to improve test results.
- E. Grounding system will be considered defective if it does not pass tests and inspections.
- F. Prepare test and inspection reports.
- G. Report measured ground resistances that exceed the following values:
1. Power and Lighting Equipment or System with Capacity of 500 kVA and Less: 10 ohms.
 2. Power Distribution Units or Panelboards Serving Electronic Equipment: 1 ohm(s).
 3. Manhole Grounds: 10 ohms.
- H. Excessive Ground Resistance: If resistance to ground exceeds specified values, notify Architect promptly and include recommendations to reduce ground resistance.

END OF SECTION 260526

SECTION 260500 - COMMON WORK RESULTS FOR ELECTRICAL

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Electrical equipment coordination and installation.
2. Common electrical installation requirements.

1.2 COORDINATION

A. Coordinate arrangement, mounting, and support of electrical equipment:

1. To allow maximum possible headroom unless specific mounting heights that reduce headroom are indicated.
2. To provide for ease of disconnecting the equipment with minimum interference to other installations.
3. To allow right of way for piping and conduit installed at required slope.
4. So that connecting raceways, cables, wireways, cable trays, and busways will be clear of obstructions and of the working and access space of other equipment.

B. Coordinate installation of required supporting devices and set sleeves in cast-in-place concrete, masonry walls, and other structural components as they are constructed.

C. Coordinate location of access panels and doors for electrical items that are behind finished surfaces or otherwise concealed.

PART 2 - PRODUCTS – Not Used.

PART 3 - EXECUTION

3.1 COMMON REQUIREMENTS FOR ELECTRICAL INSTALLATION

A. Comply with NECA 1.

B. Measure indicated mounting heights to bottom of unit for suspended items and to center of unit for wall-mounting items.

C. Headroom Maintenance: If mounting heights or other location criteria are not indicated, arrange and install components and equipment to provide maximum possible headroom consistent with these requirements.

- D. Equipment: Install to facilitate service, maintenance, and repair or replacement of components of both electrical equipment and other nearby installations. Connect in such a way as to facilitate future disconnecting with minimum interference with other items in the vicinity.
- E. Right of Way: Give to piping systems installed at a required slope.

END OF SECTION 260500

SECTION 260010 - BASIC ELECTRICAL REQUIREMENTS

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

- A. Work includes all electrical items and systems shown on the contract drawings and specified herein.
- B. Unless specifically dimensioned, the work shown on the drawings is diagrammatic, and is intended only to show general arrangement.
- C. Include in the work all accessories and devices necessary for the intended operation of any system, whether or not specifically shown or specified.

1.2 STANDARDS OF QUALITY

- A. The specifications establish the standard of quality required, either by description of by references to brand name, name of manufacturers or manufacturer's model number.
- B. Where one product only is specifically identified by name of manufacturer's model number, the Contractor shall base his bid on the use of the name product. Where multiple names are used, the Contractor shall base his bid on the use of any of those products named.
- C. The Contractor may submit with his bid, the names of products which are proposed as substitutions for products named in specifications. Each proposed substitution shall be accompanied by a written sum of money to be added or deducted from his bid. The Owner reserves the sole right to accept or reject said substitutions with or without cause.
- D. When equipment and/or materials are proposed to be purchased from a manufacturer other than those specified, the Contractor shall provide complete data adequate for the Engineer's evaluation of the proposed substitution.
- E. When the equipment other than that specified is used, the Contractor shall be responsible for any extra cost of required revisions such as structural steel, concrete, electrical, piping, etc. Such additional costs shall be identified at the time such substitutions are proposed.

1.3 SUMMARY

- A. This Section includes general administrative and procedural requirements for electrical installations.
 - 1. Submittals
 - 2. Maintenance Manuals
 - 3. Rough-ins
 - 4. Electrical Installations

1.4 SUBMITTALS

- A. The Contractor shall review, approve and submit shop drawings, with promptness so as to cause no delay in his work or in that of others. No submissions will be accepted by the Engineer without the signed review and approval of the Contractor.
- B. The Contractor shall check and verify pertinent field measurements, quantities of equipment and materials required.
- C. Submittals shall be identified by reference to the drawings, sections of specifications, or equipment symbols to which they relate.
- D. Shop drawings, when required, shall include:
 - 1. Verification of information given in Contract Documents such as performance, dimensions, weight, materials, construction, types, models, manufacturer, etc.
 - 2. Equipment layouts drawn to scale as may be required.
 - 3. Wiring diagrams and schematics for equipment.
 - 4. Any special construction conditions.
 - 5. Other information/data as may be requested.
- E. All submittals shall identify the specific details of the product or assembly. All optional features being proposed shall be so noted, or the submittal will be rejected.
- F. Review is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specification. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of his work with that of all other trades; and the satisfactory performance of his work.
- G. For items being resubmitted, clearly identify changes made from the initial submittal requested by the Engineer. The Engineer will review only those changes requested and identified by the Contractor.

1.5 MAINTENANCE MANUALS

- A. Prepare maintenance manuals including the following information for equipment items:
 - 1. Description of function, normal operating characteristics and limitations, performance curves, engineering data and tests, and complete nomenclature and commercial numbers of replacement parts.
 - 2. Manufacturer's printed operating procedures to include start-up, break-in, and routine and normal operating instructions; regulation, control, stopping, shutdown, and emergency instructions; and summer and winter operating instructions.
 - 3. Maintenance procedures for routine preventative maintenance and troubleshooting; disassembly, repair, and reassembly; aligning and adjusting instructions.
 - 4. Servicing instructions and lubrication charts and schedules.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to the project properly identified with names, model numbers, types, grades, compliance labels, and other information needed for identification.

1.7 PERMITS, FEES, AND CERTIFICATES OF APPROVAL

- A. Contractor shall acquire all permits and certificates.
- B. Contractor shall provide all labor and instruments required for tests and cleaning of systems.
- C. Whenever tests are required, three (3) copies of the test reports shall be submitted to the Engineer.
- D. Tests may be observed by the Engineer or his representative. Notify the Engineer a minimum of three weeks in advance of the test dates.

1.8 COMPLIANCE WITH CODES, STANDARDS AND REGULATIONS

- A. In the absence of specific instruction in the technical specifications, equipment and installation shall conform to the following applicable codes, standards and regulations, latest editions:
 - 1. American Society for Testing Materials (ASTM).
 - 2. American National Standard Institute (ANSI).
 - 3. Underwriter's Laboratories, Inc. (UL).
 - 4. American Welding Society Code (AWSC).
 - 5. Local Building, Electrical, and Fire Codes.
 - 6. National Electrical Code (NEC).
 - 7. Service Rules and Regulations of Local Electrical Utility Company.
 - 8. National Electrical Manufacturer's Association (NEMA).
 - 9. U.S. Department of Health & Human Services "HRS-M-HF" 84-1.
 - 10. Occupational Safety and Health Act (OSHA).
 - 11. National Fire Protection Association (NFPA).
 - 12. Americans with Disabilities Act (ADA).

PART 2 - PRODUCTS - Not Used.

PART 3 - EXECUTION

3.1 ROUGH-IN

- A. Verify final locations for rough-ins with field measurements and with requirements of the actual equipment to be connected.

3.2 ELECTRICAL INSTALLATIONS

- A. General: Sequence, coordinate, and integrate the various elements of electrical systems, materials, and equipment. Comply with the following requirements:
1. Coordinate electrical systems, equipment, and materials installation with other building components.
 2. Verify all dimensions by field measurements.
 3. Sequence, coordinate, and integrate installations of electrical materials and equipment for efficient flow of the work. Give particular attention to large equipment requiring positioning prior to closing in the building.
 4. Where mounting heights are not detailed or dimensioned, install systems, materials, and equipment to provide the maximum headroom possible.
 5. Install systems, materials, and equipment to conform with approved submittal data, including coordination drawings, to greatest extent possible. Conform to arrangements indicated by the Contract Documents, recognizing that portions of the Work are shown only in diagrammatic form. Where coordination requirements conflict with individual system requirements, refer conflict to the Engineer.
 6. Install systems, materials, and equipment level and plumb, parallel and perpendicular to other building systems and components, where installed exposed in finished spaces.
 7. Install electrical equipment to facilitate servicing, maintenance, and repair or replacement of equipment components. As much as practical, connect equipment for ease of disconnecting, with minimum of interference with other installations.
 8. Install access panel or doors where units are concealed behind finished surfaces.
 9. Install systems, material, and equipment giving right-of-way priority to systems required to be installed at a specified slope.
 10. Coordinate all electrical requirements with other trades and their shop drawings prior to installing conduit, wire, switches and breakers. Notify engineer of any discrepancies between document and actual supplied equipment.

3.3 CUTTING AND PATCHING

- A. General: Performing cutting and patching in accordance with the following requirements:
1. Perform cutting, fitting, and patching of electrical equipment and materials required to:
 - a. Uncover work to provide for installation of ill-timed work.
 - b. Remove and replace defective work.
 - c. Remove and replace work not conforming to requirements of the contract documents.
 - d. Upon written instruction from the Engineer, uncover and restore work to provide for Engineer observation of concealed work.

END OF SECTION 260010

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2. Official Schedule—The most recent Revision Submittal returned to the **Contractor** as Resubmittal Not Required. The Rev. 0 Official Schedule is the *As-Planned* Schedule.
3. Revision 0 Submittal—Progress Schedule submitted by the **Contractor** depicting the entire Work as awarded.
4. Update Submittal—A monthly Progress Schedule update reflecting progress and minor adjustments on the Activities, sequencing and restraints for Work remaining.

1.04 QUALITY ASSURANCE

A. The **Contractor** will obtain a written interpretation from the **Professional**, if the **Contractor** believes the selection of Activities, logic ties or restraints requires an interpretation of the Contract Documents. With each submission, the **Contractor** will point out by specific, written notation, any Progress Schedule feature that may reflect variations from any requirements of the Contract Documents.

B. The **Contractor** is responsible to obtain information from each Subcontractor and Supplier when scoping their respective Activities, Values, logic ties and restraints

C. No review of any Progress Schedule by or on behalf of the **Owner** will relieve the **Contractor** from complying with the Contract Times and any required sequence of Work or from completing Work omitted from the Progress Schedule. No review will imply approval of any variation from or interpretation of the Contract Documents, unless approved by the **Professional** through a written interpretation or by means of a separate, written notation.

1.05 ALLOWANCES

A. Work covered by Cash Allowances will be completed within the Contract Times. To the extent reasonable and consistent with the **Contractor's** plan, Work authorized by contingency allowances will be completed within the Contract Times. The Progress Schedule will incorporate the **Contractor's** best estimate of the Activities, logic and restraints required, using the information in the Contract Documents, or as indicated by the **Professional** in writing.

1.06 "OR EQUALS" AND SUBSTITUTIONS

A. Activities in the Rev. 0 Progress Schedule will be based on materials and equipment required by the Contract Documents and will not reflect any "or equal" or substitute materials or equipment, even if the **Contractor** intends to pursue "or equal" and substitution proposals. This limitation also applies to any Means and Methods indicated in or required by the Contract Documents.

1.07 MEASUREMENT AND PAYMENT

A. The Schedule of Values will include a Progress Schedule *pay item*. Fifteen percent (15%) of this *pay item* will be eligible for payment upon delivery of the *complete* Rev. 0 Submittal. The balance of this *pay item* will be eligible for payment, on a prorated basis, with each Request for Payment attaching an Update Submittal.

PART 2 - WORK PRODUCTS

2.01 PROGRESS SCHEDULE SUBMITTALS

A. Each Progress Schedule Submittal will consist of an electronic disk with the **Contractor's** files, a narrative and three (3) copies of the required reports and plots.

B. The CPM scheduling software will be Primavera Project Planner®, SureTrak® or Microsoft Project®.

2.02 PRINTOUTS

A. Schedule Reports will include Activity (ID) code and description, duration, calendar, Early Dates, Late Dates and Total Float, all of which will comport with the requirements of paragraph 8.3.4 of Section 00700 General Conditions.

1. Late Finish Date for an Activity pinpointing a Contract Time will equal that Contract Time. Early Start Date for an Activity designating a Contract restraint will equal the proper Notice to Proceed date. Schedule Reports may or may not append CPM Plots (time-scaled Activity/logic).

2. For Precedence Diagram Method, separate Schedule Reports will tabulate, for each Activity, all preceding and succeeding logic types and lead times, whether CPM Plots displaying vertical logic ties are appended or not.

B. CPM Schedule Plots will be plotted on a suitable time scale and identify the Contract Times, Critical Paths, and sub-Critical Paths. Activities will be shown on the Early Dates with Total Floats noted by Late Date flags.

C. Line of Balance Plots will reflect industry practice for repetitive construction and will segregate the production lines for all trades within the hammock Activities.

2.03 NARRATIVE REQUIREMENTS

A. In general, a narrative will describe the **Contractor's** approach to prosecution of the Work, subject to the requirements of the Contract Documents. Further, each narrative will list the Critical Path Activities and compare Early and Late Dates with Contract Times and Milestone Dates. The basis for restraint dates will be explained.

B. For each Update Submittal, the narrative will compare current Dates to the respective Milestone Dates, describe changes in crewing and construction equipment and identify new Delays. For each Revision Submittal, the narrative also will itemize changes in Activities, logic ties and restraint dates made necessary by each change, Delay, schedule recovery, substitution and **Contractor**-initiated revision occurring since the previous Submittal.

2.04 ACTIVITY REQUIREMENTS

A. The Progress Schedule will detail Work sequencing only to the extent necessary to allow the **Owner** to correlate percent complete, compare actual dates with Milestones and Contract Times and the data in Requests for Payment.

B. Separate Activities will designate permits, construction, Submittal preparation/review (and resubmission and re-review, for same); MEP coordination drawings; deliveries; commissioning; and Punch List. Separate Activities will designate **Owner**-furnished items, interface with other work and the **Owner** and **Professional's** responsibilities.

B. Activities will be detailed only to the extent required to show the transition of trade Work. Activities will detail the progression through site/excavation, foundations, building framing, start/completion of interior partitions, MEP rough-in, building enclosure, interior finishes, conditioned space, and commissioning.

1. Submittal Activities will segregate long-lead items, any item requiring structural access and other procurements that, in the **Contractor's** judgment, may bear on the rate of progress. Separate MEP coordination drawing Activities will be used for each floor. Beyond these requirements, it is not necessary to burden the Progress Schedule with Activities for less significant Submittals and deliveries.

2. For multiunit Work (e.g., rough-in overhead MEP for each floor, etc.), detailed Activities will be shown for a typical (often, the first) unit). Other or follow-on units may be replicated, as appropriate, or modeled with a hammock Activity combining the sum total of the typical detailed Activities. Separate Activities, as may be suitable to the Divisions of Work involved, will be identified for single-unit Work. This requirement applies to such scope as Work in mechanical rooms, building framing, commissioning, etc.

3. Activities will not combine separate or non-concurrent items of Unit Price or lump sum Work, Work in separate structures and Work in distinct areas, locations or floors within an area or structure; or rough-in and finish Work.

C. Activity durations will equal the Business Days required to sufficiently complete the Work designated by the Activity (i.e., when finish-to-start successors may start, even if the Activity is not quite 100% complete). Installation Activities will last from twenty (20) to forty (40) Days.

D. Activities will be assigned consistent descriptions and identification codes. Sort codes will group Activities by building or structure, floor or area, Change Order and Change Authorization and other meaningful scheme

PART 3 – EXECUTION

3.01 FLOAT TOLERANCES

A. Any Progress Schedule with Early Dates after a Contract Time will yield negative Total and Contract Floats, whether shown/calculated or not. Any Revision Submittal with less than negative twenty (20) Days of Float will be returned as "Revise and Resubmit," unless a time extension is requested, or the **Owner** withholds liquidated damages or asserts intent to do so in the event schedule is not recovered.

B. Floats calculated from the definitions given in Section 00020 Glossary supersede any conflicting Float values calculated within any early completion Progress Schedule.

3.02 REVISION 0 (Rev. 0) SUBMITTAL

A. The complete Revision 0 Submittal will be due with the first Request for Payment. The Rev. 0 Submittal will show the Work as awarded, without Delays, "or equal" or substitutions, Change Orders or Change Authorizations.

1. The Rev. 0 narrative will detail the **Contractor's** management of the site (lay down, parking, etc.). Further, the Rev. 0 narrative will identify shifts, weekend Work, Activity calendars, Delays since award and all pending and anticipated "or equal" and substitution proposals.

E. Once endorsed by the **Owner** and returned as "Resubmittal Not Required," the Rev. 0 Progress Schedule (or Rev. 0A, etc.) will be the As-Planned Schedule and the basis for Update Submittals until the Rev. 1 Official Schedule is established. Once the As-Planned Schedule is established, the **Owner** will select Milestones and note Milestone Early and Late Dates. As the Official Schedule evolves, Milestone Dates will be revised accordingly.

F. If the **Owner** refuses to endorse the Rev. 0 Submittal (or Rev. 0A, for a resubmission) as "Resubmittal Not Required," the As-Planned Schedule will not be established. In that event, the **Contractor** will continue to submit Update and Revision Submittals reflecting progress and the **Contractor's** approach to remaining Work. The **Owner** will rely on the available Update and Revision Submittals, subject to whatever adjustments it determines appropriate.

3.03 UPDATE SUBMITTALS

A. Update Submittals with progress up to the closing date and updated Early and Late Dates for progress and remaining Activities will be due with each Request for Payment. As-built data will consist of actual start dates, percent complete, actual finish dates, changes, Delays, and other significant events occurring before the closing date.

3.04 REVISION SUBMITTALS

A. Progress Schedule Revisions will be submitted with the third Request for Payment and every two (2) months after that, or more often, if necessary due to schedule recovery or other Progress Schedule revisions. Revisions will revise the Update Submittal attached to the prior Request for Payment.

B. Progress Schedule revisions will detail all impacts on pre-existing Activity scope, logic ties and restraint dates and reflect the **Contractor's** current approach to Work remaining. Revisions may be required because of changes in the Work, substitutions, schedule recovery and Delays.

C. Once endorsed by the **Owner** and returned as "Resubmittal Not Required," a Revision Submittal becomes the Rev. 1, Rev. 2, etc. Official Schedule and the basis for subsequent Update Submittals until a more current Official Schedule is established. If the **Owner** refuses to endorse a Revision Submittal as "Resubmittal Not Required," the **Contractor** will continue to submit Update and Revision Submittals when and as required in this Section.

3.05 RETROSPECTIVE DELAY ANALYSIS

A. If the **Owner** refuses to endorse any Revision Submittal as "Resubmittal Not Required," the **Contractor** and **Owner** will use the latest Official Schedule when evaluating the effect of Delays on Contract Time and/or Contract Price. The procedure will consist of progressively revising the latest Official Schedule at key Revision Submittal closing dates. For each Progress Schedule iteration, slippage between actual Milestone Dates and Rev. 0 Milestone Dates will be correlated to Delays occurring solely in that iteration. Revisions affecting Work after any iteration will be included only to the extent consented by the **Owner** at that time and/or if actually confirmed by as-built progress.

END OF SECTION 01310

This 01310 Specification uses the FORMSPEC™ Section 01310 Model Progress Schedule Specification (CPM Short Form). Title to and use of this Specification is strictly restricted. Except as may be appropriate for use in the bidding and execution of the Work, reproduction, translation or substantial use or quotation of any part of this Specification beyond that permitted by the 1976 United States Copyright Act without prior written permission of PMA Consultants LLC is unlawful.

APPENDIX I

SPECIAL WORKING CONDITIONS

DEPARTMENT OF CORRECTIONS

The Work comprising this Project will be performed at a State of Michigan Correctional Facility and the Contractor/Professional must comply with the following special working rules.

1. Contractor/Professional must submit a LEIN request consisting of name, driver's license number, social security number, birth date, and additional information when requested, on all persons to be employed on the Project site. Such form (Vendor/Contractor LEIN Request, CAJ-1037) must be submitted directly to the Department of Corrections Designee for approval before any person's appearance at the site for Work assignments. These employees will be required to attend Contractor/Professional orientation prior to any on site activity.
2. Contractor/Professional will be allowed to work within or on Correctional Facility confines for an eight (8) hour shift as designated by the facility. Four (4) ten (10) hour shifts will be considered. No Work is allowed to be performed on Saturdays, Sundays, or State holidays without written permission from the State Agency. The State Agency may set other time schedules as discussed during the pre-construction meeting. Consideration will be given to using alternate shifts to minimize the length of time an area is out of service.
3. All employees of the Contractor/Professional may be subject to individual body search each time they enter the Correctional Facility. Packages or containers of any kind may be opened for inspection. Lunch boxes are not permitted inside the security perimeter. All employees of the Contractor/Professional will be required to have legal picture identification card.
4. All trucks and other mobile equipment may be subject to inspection both on arrival and upon departure from the Correctional Facility. Absolutely no fraternization between inmates and Contractor/Professional's employees will be tolerated. Any attempts at same by prisoners are to be reported immediately to the escorting officer or MDOC employee.
5. No requests for visits with inmates will be granted to Contractor/Professional's employees except where such visiting originated prior to award of the Contract.
6. Contractor/Professional must follow rules pertaining to foot and vehicle traffic as established by the Correctional Facility. Contractor/Professional must observe all off-limit restricted areas beyond which no unauthorized personnel may trespass. The Contractor/Professional and their workers may not leave the assigned Work areas.
7. Heavy equipment, power tools and machinery must be removed from the inside of the security perimeter through the assigned gate at times specified by each facility. Such heavy equipment including but not limited to power shovels, compressors, welding machines, air hammers, welding equipment, etc., must be immobilized in an acceptable manner and may not remain inside unless specifically approved by the Warden. Cutting torches and cutting tools in general must be securely locked as directed by the Agency and checked out as needed. No tools, small pipe, copper, or wire will remain on the site overnight unless acceptably secured as approved by the facility. Any gas powered equipment entering the secured perimeter must be equipped with locking gas caps at all times.
8. MDOC physical plant standards require Contractors/Professionals to provide a properly sized emergency generator(s) to be onsite with all associated equipment to ensure a quick install in an event where power may be disrupted to any part of the facility. Use of the MDOC regional emergency generator may be utilized when applicable and available. See contract documents for any specific generator requirements.
9. In the event of underground excavation work of any kind, ground penetrating radar must be used to document underground utilities, wires, cables, fiber optic, tunnels, structures etc. prior to any work being performed. When the ground must be disturbed within 6' an underground obstacle as mentioned above, hydro-excavation must take place.
 - a. Any damage to an underground utility, wire, cable, fiber optic, or underground structure of any kind must be reported immediately to facility staff and a plan of action made to repair the damage immediately. Any wire, cable, or fiberoptic line that has been damaged by the Contractor/Professional, must be replaced in whole. A splice is not an acceptable means for repair.
10. There will be no exchange, loaning or borrowing of tools, equipment, or manpower between Correctional Facility

personnel and the Contractor/Professional.

11. Specific Facility and MDOC requirements regarding tools & equipment will be covered during the Contractor/Professional orientation process prior to any on site activity. Topics covered include but are not limited to:
 - a. All tools and equipment within a work area which is not enclosed and secure must be disabled, secured, or removed from the facility if the entire construction crew leaves the work area/facility.
 - b. Clean up of the site shall be continuously maintained and at the end of each work shift all debris shall be removed from the site or placed into a dumpster as approved by the facility. All building and grounds shall be cleaned using a magnet or metal detector to ensure no debris remains. Demolition work above occupied building requires spotter below area being disturbed to collect potential falling debris.
 - c. Dumpsters for debris collection/recycle/removal are not allowed to be left inside the security perimeter unless approved by the Warden. In such cases the dumpster location and security will be specified by the Warden and may be required to be secured within a temporary fenced area or provided with a lockable cover. Removal of dumpsters is subject to coordination with the facility.
 - d. Tools, tool boxes, and equipment of contractors and/or workers performing services inside an institution shall be manifested, inventoried and inspected prior to entry into and exit from the institution. Staff designated to escort workers within the facility shall ensure tools are controlled with proper security and safety procedures and work activities are confined to authorized areas.
 - e. A list of Dangerous and Critical Tools will be provided to the Contractor as well as all policies and procedures dictating the security, control, and use of these of tools. Tool Control will be thoroughly covered during Contractor/Professional orientation prior to any on site activity.
 - f. Explosively Driven Tools and Ammunition will not be allowed.
 - g. Smoking, and the use and possession of tobacco products, is strictly prohibited.
 - h. It is a felony to bring any of the following items into a correctional facility or onto facility property where prisoners may have access to them without prior written permission of the Warden:
 1. Any weapon, including a pocketknife, or other implement which may be used to injure another person, or which may be used in aiding a prisoner to escape.
 2. Any alcoholic beverage or poison.
 3. Any prescription drug or controlled substance without written certification of need from a licensed physician.
 4. Personal cellular telephones and pagers are not permitted on facility grounds except in a locked motor vehicle in designated parking areas.
 5. Audio or visual recording devices, including cameras.
12. The assigned gate through which materials, equipment and vehicles must be transported will be opened upon request between the hours as determined by agreement with facility operations.
13. Sanitary facilities will be assigned by the Correctional Facility authorities for the use of the employees of all Contractors. The MDOC or facility may require placement of portable facilities as outlined in the specifications. If used and authorized, portable sanitary facilities shall be locked at all times as when not in use.
14. Guards may be assigned to the working areas. They may inspect and search areas under construction at any time, including the Contractor/Professional's equipment.
15. Areas for employee parking, tool boxes, etc., must be assigned only by Correctional Facility authorities on the site. Remove all firearms, weapons, alcoholic beverages, drugs, medicines, or explosives from vehicles before entering Facility property. Lock vehicles when not attended.
16. Accidents - The Correctional Facility infirmary is not available to Contractor/Professional's employees.

17. The Warden of this Correctional Facility retains the right to revise these "Special Working Conditions" as required to meet facility needs.

APPENDIX II
SPECIAL PROJECT PROCEDURES

SOIL EROSION AND SEDIMENTATION CONTROL PROJECT PROCEDURES FOR CONTRACTORS ON DTMB OWNED AND MANAGED PROPERTIES

1. Comply with Part 91, Soil Erosion and Sedimentation Control of the Natural Resources and Environmental Protection Act 1994 PA 451, as amended.
2. Contact the DTMB, SFA, Design and Construction Division to discuss the implementation of soil erosion and sedimentation control (SESC) on the Project with DTMB SESC Officer. Phone (517) 388-3045 or Email DTMB-SESC@michigan.gov.
3. Following the award of a contract, the Contractor will be required to prepare and issue for approval an SESC Implementation Plan, which indicates the Contractor's intended implementation of SESC on the project including a schedule and sequence. The Environmental Health and Safety Section, upon approval of the implementation plan, will issue to the Contractor an "Authorization to Proceed with Earth Change" document, which is to be posted at the job site. This document is issued in lieu of a permit from the county. Earthwork shall not begin prior to the issuance of this Authorization. Upon receipt of the Authorization document, the Contractor may begin earth change activities.
4. See below the "Checklist for Contractor's SESC Implementation Plan" for details of the required information necessary for the Contractor to create the SESC Implementation Plan. The intent of this plan is to ensure that the Contractor has reviewed and understands the SESC provisions within the plans and specifications.
5. CHECKLIST FOR CONTRACTOR'S SOIL EROSION AND SEDIMENTATION CONTROL IMPLEMENTATION PLAN (For projects that include earth changes or disturb existing vegetation):

DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
STATE FACILITIES ADMINISTRATION, DESIGN AND CONSTRUCTION DIVISION
SOIL EROSION AND SEDIMENTATION CONTROL PROGRAM
P.O. Box 30026, Lansing, Michigan 48909

PROJECT TITLE: WOODLAND CORRECTIONAL UTILITY IMPROVEMENT
PROJECT LOCATION: WHITTEMORE LAKE MI
PROJECT FILE NUMBER: 472/23129.SDW
INDEX NUMBER:

Prior to the start of earthwork, the Contractor must submit a Soil Erosion and Sedimentation Control (SESC) Implementation Plan to the Michigan Department of Technology, Management and Budget, Soil Erosion and Sedimentation Control Program. The intent of this plan is to ensure that the Contractor has reviewed and understands the SESC provisions within the plans and specifications. The following checklist will provide Contractors with assistance in creating the SESC Implementation Plan.

The SESC Implementation Plan must include:

1. A written plan or letter demonstrating:
 - The Contractor's means and methods for the implementation of SESC provisions included within the plans and specifications and compliance with the provisions of Part 91 of PA 451 of 1994, as amended.
 - The Contractor's plan for dust control.
 - The Contractor's plan for inspection and maintenance of temporary SESC's.
2. A map, location plan, drawing, or amended copy of the Project SESC or grading plan showing:
 - The locations of any stockpiles of soil associated with the Project
 - The temporary SESC controls associated with stockpiles of soil
 - The Contractor's suggested or proposed additions or relocations of any temporary or permanent SESC's. associated with the Project plans and specifications (subject to approval by Engineer and DTMB)
 - Location of site entrances, exits and vehicle routes
 - Location of site superintendent's/project manager's site trailer or office (for SESC Inspector check-in)
3. A schedule for the installation and removal of temporary controls and the installation of permanent soil erosion and sedimentation controls in relation to the overall construction schedule.

Submit the above items to the above address.

Upon approval of the Contractor's plan, an "Authorization to Proceed with Earth Change" will be issued by DTMB, Design and Construction Division

APPENDIX III
STATE OF MICHGIAN PREVAILING WAGE SCHEDULES



STATE OF MICHIGAN
Informational Sheet: Prevailing Wages on State Projects

General Information Regarding Fringe Benefits

Certain fringe benefits **may** be credited toward the payment of the Prevailing Wage Rate:

- If a fringe benefit is paid directly to a construction mechanic
- If a fringe benefit contribution or payment is made on behalf of a construction mechanic
- If a fringe benefit, which may be provided to a construction mechanic, is pursuant to a written contract or policy
- If a fringe benefit is paid into a fund, for a construction mechanic

When a fringe benefit is not paid by an hourly rate, the hourly credit will be calculated based on the annual value of the fringe benefit divided by 2080 hours per year (52 weeks @ 40 hours per week).

The following is an example of the types of fringe benefits allowed and how an hourly credit is calculated:

Vacation	40 hours X \$14.00 per hour = \$560/2080 =	\$0.27
Dental insurance	\$31.07 monthly premium X 12 mos. = \$372.84 /2080 =	\$.18
Vision insurance	\$5.38 monthly premium X 12 mos. = \$64.56/2080 =	\$.03
Health insurance	\$230.00 monthly premium X 12 mos. = \$2,760.00/2080 =	\$1.33
Life insurance	\$27.04 monthly premium X 12 mos. = \$324.48/2080 =	\$.16
Tuition	\$500.00 annual cost/2080 =	\$.24
Bonus	4 quarterly bonus/year x \$250 = \$1000.00/2080 =	\$.48
401k Employer Contribution	\$2000.00 total annual contribution/2080 =	\$.96
Total Hourly Credit		\$3.65

Other examples of the types of fringe benefits allowed:

- Sick pay
- Holiday pay
- Accidental Death & Dismemberment insurance premiums

The following are examples of items that **will not** be credited toward the payment of the Prevailing Wage Rate

- Legally required payments, such as:
 - Unemployment Insurance payments
 - Workers' Compensation Insurance payments
 - FICA (Social Security contributions, Medicare contributions)
- Reimbursable expenses, such as:
 - Clothing allowance or reimbursement
 - Uniform allowance or reimbursement
 - Gas allowance or reimbursement
 - Travel time or payment
 - Meals or lodging allowance or reimbursement
 - Per diem allowance or payment
- Other payments to or on behalf of a construction mechanic that are not wages or fringe benefits, such as:
 - Industry advancement funds
 - Financial or material loans



STATE OF MICHIGAN
Informational Sheet: Prevailing Wages on State Projects

OVERTIME PROVISIONS for MICHIGAN PREVAILING WAGE RATE COMMERCIAL SCHEDULE

- Overtime is represented as a nine character code. Each character represents a certain period of time after the first 8 hours Monday thru Friday.

	Monday thru Friday	Saturday	Sunday & Holidays	Four 10s
First 8 Hours		4		
9th Hour	1	5	8	9
10th Hour	2	6		
Over 10 hours	3	7		

Overtime for Monday thru Friday after 8 hours:

the 1st character is for time worked in the 9th hour (8.1 - 9 hours)
the 2nd character is for time worked in the 10th hour (9.1 - 10 hours)
the 3rd character is for time worked beyond the 10th hour (10.1 and beyond)

Overtime on Saturday:

the 4th character is for time worked in the first 8 hours on Saturday (0 - 8 hours)
the 5th character is for time worked in the 9th hour on Saturday (8.1 - 9 hours)
the 6th character is for time worked in the 10th hour (9.1 - 10 hours)
the 7th character is for time worked beyond the 10th hour (10.01 and beyond)

Overtime on Sundays & Holidays

The 8th character is for time worked on Sunday or on a holiday

Four Ten Hour Days

The 9th character indicates if an optional 4-day 10-hour per day workweek can be worked **between Monday and Friday without paying overtime after 8 hours worked, unless otherwise noted in the rate schedule. To utilize a 4 ten workweek, notice is required from the employer to employee prior to the start of work on the project.**

- Overtime Indicators Used in the Overtime Provision:

H - means TIME AND ONE-HALF due
X - means TIME AND ONE-HALF due after 40 HOURS worked
D - means DOUBLE PAY due
Y - means YES an optional 4-day 10-hour per day workweek can be worked without paying overtime after 8 hours worked
N - means NO an optional 4-day 10-hour per day workweek *cannot* be worked without paying overtime after 8 hours worked

- EXAMPLES:

HHHHHHHDN - This example shows that the 1½ rate must be used for time worked after 8 hours Monday thru Friday (characters 1 - 3); for all hours worked on Saturday, 1½ rate is due (characters 4 - 7). Work done on Sundays or holidays must be paid double time (character 8). The N (character 9) indicates that 4 ten-hour days is not an acceptable workweek at regular pay.

XXXHHHDY - This example shows that the 1½ rate must be used for time worked after 40 hours are worked Monday thru Friday (characters 1-3); for hours worked on Saturday, 1½ rate is due (characters 4 – 7). Work done on Sundays or holidays must be paid double time (character 8). The Y (character 9) indicates that 4 ten-hour days is an acceptable alternative workweek.



STATE OF MICHIGAN
Informational Sheet: Prevailing Wages on State Projects

ENGINEERS - CLASSES OF EQUIPMENT LIST

UNDERGROUND ENGINEERS

CLASS I

Backfiller Tamper, Backhoe, Batch Plant Operator, Clam-Shell, Concrete Paver (2 drums or larger), Conveyor Loader (Euclid type), Crane (crawler, truck type or pile driving), Dozer, Dragline, Elevating Grader, End Loader, Gradall (and similar type machine), Grader, Power Shovel, Roller (asphalt), Scraper (self propelled or tractor drawn), Side Broom Tractor (type D-4 or larger), Slope Paver, Trencher (over 8' digging capacity), Well Drilling Rig, Mechanic, Slip Form Paver, Hydro Excavator.

CLASS II

Boom Truck (power swing type boom), Crusher, Hoist, Pump (1 or more 6" discharge or larger gas or diesel powered by generator of 300 amps or more, inclusive of generator), Side Boom Tractor (smaller than type D-4 or equivalent), Tractor (pneu-tired, other than backhoe or front end loader), Trencher (8' digging capacity and smaller), Vac Truck.

CLASS III

Air Compressors (600 cfm or larger), Air Compressors (2 or more less than 600 cfm), Boom Truck (non-swinging, non-powered type boom), Concrete Breaker (self-propelled or truck mounted, includes compressor), Concrete Paver (1 drum, ½ yard or larger), Elevator (other than passenger), Maintenance Man, Mechanic Helper, Pump (2 or more 4" up to 6" discharge, gas or diesel powered, excluding submersible pump), Pumpcrete Machine (and similar equipment), Wagon Drill Machine, Welding Machine or Generator (2 or more 300 amp or larger, gas or diesel powered).

CLASS IV

Boiler, Concrete Saw (40HP or over), Curing Machine (self-propelled), Farm Tractor (w/attachment), Finishing Machine (concrete), Firemen, Hydraulic Pipe Pushing Machine, Mulching Equipment, Oiler (2 or more up to 4", exclude submersible), Pumps (2 or more up to 4" discharge if used 3 hrs or more a day-gas or diesel powered, excluding submersible pumps), Roller (other than asphalt), Stump Remover, Vibrating Compaction Equipment (6' wide or over), Trencher (service) Sweeper (Wayne type and similar equipment), Water Wagon, Extend-a-Boom Forklift.

HAZARDOUS WASTE ABATEMENT ENGINEERS

CLASS I

Backhoe, Batch Plant Operator, Clamshell, Concrete Breaker when attached to hoe, Concrete Cleaning Decontamination Machine Operator, Concrete Pump, Concrete Paver, Crusher, Dozer, Elevating Grader, Endloader, Farm Tractor (90 h.p. and higher), Gradall, Grader, Heavy Equipment Robotics Operator, Hydro Excavator, Loader, Pug Mill, Pumpcrete Machines, Pump Trucks, Roller, Scraper (self-propelled or tractor drawn), Side Boom Tractor, Slip Form Paver, Slope Paver, Trencher, Ultra High Pressure Waterjet Cutting Tool System Operator, Vactors, Vacuum Blasting Machine Operator, Vertical Lifting Hoist, Vibrating Compaction Equipment (self-propelled), and Well Drilling Rig.

CLASS II

Air Compressor, Concrete Breaker when not attached to hoe, Elevator, End Dumps, Equipment Decontamination Operator, Farm Tractor (less than 90 h.p.), Forklift, Generator, Heater, Mulcher, Pigs (Portable Reagent Storage Tanks), Power Screens, Pumps (water), Stationary Compressed Air Plant, Sweeper, Water Wagon and Welding Machine.



STATE OF MICHIGAN
Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

Michigan recognizes the Carpenters for any and all work related to weatherization that has historically been the work of the Carpenter. This work shall include, but not be limited to: all work defined under the Federal Weatherization Assistance Program.

The jurisdiction of Carpenters, as to all work that has historically and traditionally been performed consisting of the milling, fashioning, joining, assembling, erecting, fastening or dismantling of all materials of wood, plastic, metal, fiber, cork, or composition and all other substitute materials, as well as the handling, cleaning, erecting, installing and dismantling of all machinery, equipment and all materials used by Carpenters.

The jurisdiction, therefore, extends over the following divisions and subdivisions of the trade: Carpenters and Joiners, Millwrights, Pile Drivers, Bridge, Dock and Wharf Carpenters, Underpinners, Timbermen, and Core-drillers, Shipwrights, Boat Builders, Ship-hand, Stair-Builders, Millmen, Wood and Resilient Floor Decorators, Floor Finishers, Carpet-layers, Shinglers, Siders, Insulators, Acoustic and Drywall Applicators, Sharers and House Movers, Loggers, Lumber and Sawmill Workers, Reed and Rattan Workers, Shingle Weavers, Casket and Coffin Makers, Railroad Carpenters and Car Builders, regardless of material used and all those engaged in the operation of woodworking or other machinery required in fashioning, milling or manufacturing of products used in the trade, and the handling, erecting and installing materials on any of the above divisions or sub-divisions, burning, welding and rigging incidental to the trade. When the term "Carpenter and Joiner" is used, it shall mean all the subdivisions of the trade. The trade autonomy of Carpenters therefore extends over the divisions and subdivisions of the trade, which are set forth as follows:

- (a) The framing, erecting and prefabrication of roofs, partitions, floors and other parts of buildings of wood, metal, plastic or other substitutes; application of all metal flashing used for hips, valleys and chimneys; the erection of Stran Steel section or its equal. The building and setting of all forms and centers for brick and masonry. The fabrication and erection of all forms for concrete and decking, the dismantling of same (as per International Agreement) when they are to be re-used on the job or stored for re-use. The cutting and handling of all falsework for fireproofing and slabs. Where power is used in the setting or dismantling of forms, all signaling and handling shall be done by carpenters. The setting of templates for anchor bolts for structural members and for machinery, and the placing, leveling and bracing of these bolts. All framing in connection with the setting or metal columns. The setting of all bulkheads, footing forms and the setting of and fabrication of, screeds and stakes for concrete and mastic floors where the screed is notched or fitted, or made up of more than one member. The making of forms for concrete block, bulkheads, figures, posts, rails, balusters and ornaments, etc.
- (b) The handling and erecting of rough material and drywall, the handling, assembly, setting and leveling of all fixtures, display cases, all furniture such as tables, chairs, desks, coat racks, etc., all de-mountable or moveable partitions such as Von wall, E Wall, Steel Case, Herman Miller, Haworth, American Seating, Westinghouse, Lazy Boy, rosewood, etc. All rebuilding, remodeling and setting up of all kinds of partitions, finished lumber, metal and plastic trim to be erected by Carpenters shall be handled from the truck or vehicle delivering same to the job by Carpenters.



STATE OF MICHIGAN
Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

- (c) The building and moving of all scaffolding runways and staging where carpenters' tools are used, the building from the ground up of all scaffolds over fourteen (14) feet in height including metal and specially designed scaffolding. The building and construction of all hoists and derricks made of wood; the making of mortar boards, boxes, trestles, all shoring, razing and moving of buildings. Lift type trucks are to be considered a tool of the trade. Metal siding and metal roofing fall within the scope of jurisdiction for the carpenters.
- (d) The cutting or framing and fireproofing of the openings for pipes, conduits, ducts, etc., where they pass through floors, partitions, walls, roofs or fixtures composed in whole or in part of wood. The laying out of making and installation of all inserts and sleeves for pipes, ducts, etc., where carpenters' tools and knowledge are required. The making and installing of all wooden meter boards, crippling and backing for fixtures. The welding of studs and other fastenings to receive material being applied by carpenters.
- (e) The installation of all grounds, furring or stripping, ceilings and sidewalks, application of all types of shingling and siding, etc.
- (f) The installation of all interior and exterior trim or finish of wood, aluminum, kalamein, hollow or extruded metal, plastic, doors, transoms, thresholds, mullions and windows. The setting of jambs, bucks, window frames of wood or metal where braces or wedges are used. The installation of all wood, metal or other substitutes of casing, molding, chair rail, wainscoting, china closets, base of mop boards, wardrobes, metal partitions as per National Decisions or specific agreements, etc. The complete laying out, fabrication and erection of stairs. The making and erecting of all fixtures, cabinets, shelving, racks, louvers, etc. The mortising and application of all hardware in connection with our work. The sanding and refinishing of all wood, cork or composition floors to be sanded or scraped, filled, sized and buffed, either by hand or power machines. The assembling and setting of all seats in theaters, halls, churches, schools, auditorium, grandstands and other buildings. All bowling alley work.
- (g) The manufacture, fabrication and installation of all screens, storm sash, storm doors and garage doors; the installation of wood, canvas, plastic or metal awnings or eye shades, door shelters, jalousies, etc. The laying of wood, wood block and wood composition in floors.
- (h) The installation of all materials used in drywall construction, such as plasterboard, all types of asbestos boards, transite and other composition board. The application of all material which serves as base for acoustic tile, except plaster. All acoustical applications as per National Agreement or specific agreement.
- (i) The building and dismantling of all barricades, hand rails, guard rails, partitions and temporary partitions. The erection and dismantling of all temporary housing on construction projects.
- (j) The installation of rock wool, cork and other insulation material used for sound or weatherproofing. The removal of caulking and placing of staff bead and brick mold and all Oakum caulking, substitutes, etc., and all caulking in connection with carpentry work.
- (k) The installation of all chalk boards/marker boards.



STATE OF MICHIGAN
Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

- (l) The operation of all hand operated winches used to raise wooden structures.
- (m) The erection of porcelain enameled panels and siding.
- (n) The unloading and distribution of all furnished, prefabricated and built-up sections such as door bucks, window frames, cupboards, cabinets, store fixtures, counters and show cases or comparably finished or prefabricated materials, to the job sites or points of installation as used in the construction, alteration and remodeling industry.
- (o) The handling of doors, metal, wood or composite, partitions and other finished bulk materials used for trim from the point of delivery.
- (p) All processing of these materials and handling after processing.
- (q) The making up of panels and fitting them into walls, all bracing and securing, all removal of panels from the casting including all braces, walers, hairpins, etc.
- (r) The handling and setting of all metal pans and sections from the stock piles of reasonable distance as required by job needs shall be performed by carpenters. The stripping of such metal pans, panels or sections is to be performed by carpenters.
- (s) The sharpening of all carpenter hand or power tools, or those used by carpenters.
- (t) The layout, fabrication, assembling of and erection and dismantling of all displays made of wood, metal, plastic, composition board or any substitute material; the covering of same with any type of material, the crating and un-crating, the handling from the point of unloading and back to the point of loading of all displays and other materials or components.
- (u) The same shall apply to all other necessary component parts used for display purposes such as turntables, platforms, identification towers and fixtures, regardless of how constructed, assembled or erected or dismantled.
- (v) The make-up, handling, cutting and sewing of all materials used in buntings, flags, banners, decorative paper, fabrics and similar materials used in the display decorative industry for draperies and back drops. The decorative framing of trucks, trailers and autos used as floats or moving displays. The slatting of walls to hand fabrics and other decorative materials, drilling of all holes to accommodate such installations. Setting up and removal of booths constructed of steel or aluminum tubing as stanchions, railings, etc., handling and placing of furniture, appliances, etc., which are being used to complete the booth at the request of the exhibitor. Fabricating and application of leather, plastic and other like materials used for covering of booths. The handling of all materials, fabricating of same. The loading and unloading, erecting and assembling at the exhibit of show area, also in or out of storage when used in booth decorations.



STATE OF MICHIGAN
Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

- (w) A display shall be construed as any exhibit or medium of advertising, open to private or public showing, which is constructed of wood, metal, plastic or any other substitute to accomplish the objectives of advertising or displaying.
- (x) Handling, fitting, draping, measuring and installation of fixtures and other hardwares for draperies, all manner of making, measuring, repairing, sizing, hanging and installation of necessary fixtures and hardware for shades and Venetian blinds.
- (y) Work consisting of cutting and/or forming of all materials in preparation for installing of floors, walls and ceilings; the installation of all resilient floor and base; wall and ceiling materials to include cork, linoleum, prefabricated, laminated, rubber, asphalt, vinyl, metal, plastic, seamless floors and all other similar materials in sheet, interlocking liquid or tile form; the installation of all artificial turf, the installation, cutting and/or fitting of carpets; installation of padding, matting, linen crash and all preformed resilient floor coverings; the fitting of all devices for the attachment of carpet and other floor, wall and ceiling coverings; track sewing of carpets, drilling of holes for sockets and pins, putting in dowels and slats; and all metal trimmings used; the installation of all underlayments, sealants in preparation of floors, walls and ceilings, the unloading and handling of all materials to be installed and the removal of all materials in preparing floors when contracted for by the employer, shall be done only by employees covered under this Agreement.
- (z) The installation of all sink-tops and cabinets, to include all metal trim and covering for same. All cork, linoleum, congo-wall, linewall, veos tile, plexiglass, vinawall tile, composition tile, plastic tile, aluminum tile and rubber in sheets or tile form and the application thereof. All bolta-wall and bolta-wall tile and similar products.
- (aa) The handling and placing of all pictures and frames and the assembly of bed frames and accessories. The hanging and placing of all signage.
- (bb) The installation of all framework partitions and trim materials for toilets and bathrooms made of wood, metal, plastics or composition materials; fastening of all wooden, plastic or composition cleats to iron or any other material for accessories.
- (cc) The erection of cooling towers and tanks.
- (dd) The setting, lining, leveling and bracing of all embedded plates, rails and angles. The setting of all stay in place forms.
- (ee) Environmental: Clean room, any type of environmental chamber, walk in refrigerated coolers and all refrigerated rooms or buildings.



STATE OF MICHIGAN
Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

PILE DRIVING AND CAISSON DRILLING

(ff) All unloading, handling, signaling and driving of piles, whether wood, steel, pipe, beam pile, composite, concrete or molded in place, wood and steel sheeting, cofferdam work, trestle work, dock work, floating derricks, caisson work, foundation work, bridge work, whether old or new, crib work, pipe line work and submarine work. Cutting of all wood, steel or concrete pile, whether by machine or hand; welding and cutting, peeling, and heading of all wood pile, steel sheeting and wood sheeting. The erecting and dismantling of all pile driving rigs, also derricks whether on land or water; also the moving, shoring and underpinning of all buildings. The loading and unloading of all derricks, cranes and pile driving materials. The tending, maintenance and operation of all valves pertaining to the operation of driving of pile. All diving and tending essential to the completion of jurisdictional claims.

All work done in the established yards of the Company and all work not enumerated above, shall be handled and manned as the Employer decides.

The pile driver will unload all material shipped in by rail from the point that the rail car is spotted.

All cleaning and preparation of all piling prior to driving.

The welding and attachment of all boot plates, pile points, splice plates, connectors, rock crosses, driving crosses, driving rigs, point reinforcements and overboots.

The construction, reconstruction, repair, alteration, demolition and partial or complete removal of all marine work including, but not limited to, docks, piers, wharves, quays, jetties, cribs, causeways, breakwaters, lighthouses and permanent buoys, etc. (mixing and placing of concrete excepted).

The driving and pulling of all wood, steel and concrete foundation piles and sheet piling.

The heading, pointing, splicing, cutting and welding of all piles.

The placing of all wales, bolts, studs, lagging, rods and washers including the cutting, drilling, boring or breaking of all holes or openings thereof.

The removal of all materials and/or obstructions of any nature (rip-rap included) that retard or interfere with the driving of piles or with the placing of wales, bolts and rods.



STATE OF MICHIGAN
Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

This is to be subject to the discretion of the contractor who may choose to use blasting specialists or other demolition specialists.

The handling on the job of all materials used in the work.

The manning of all floating equipment (towing equipment excepted) engaged in the work enumerated, including deck engines, except machinery manned by Operating Engineers.

The placing of all rip-rap, fill stone, bedding stone, cover stone and concrete blocks in connection with marine construction. Work normally performed by Employers, such as soil tests, shoring, underpinning of buildings, cribbing, driving of sheet piling, marine divers, tenders, underwater construction workers and similar operations shall continue to be included in the jurisdiction of this Agreement.

All burning, cutting, welding and fabrication of pipe, H-beams, sheet pile (metal or wood), done on the job site or in the yard of the Employer shall be done by pile drivers. The driving of bearing piles, sheet piling with heavy equipment, caissons, pile caps, auger drilling and boring, the setting up for load testing for any type of piling, all layout and spotting for piling, caisson and boring work, all earth retention, ditch boarding, installing tiebacks.

ASBESTOS ABATEMENT CARPENTERS

(gg) All erection and maintenance of barriers and partitions used in the removing of asbestos or any abatement work. The abatement of any materials previously installed by the carpenter such as transite, ceiling and floor tiles. All operating and maintaining of current equipment used in any abatement work.



STATE OF MICHIGAN
Informational Sheet: Prevailing Wages on State Projects

ELECTRICIAN – SOUND AND COMMUNICATION / DATA/ VOICE JURISDICTION

The installation, testing, service and maintenance, of systems which utilize the transmission and/or transference of voice, sound, vision or digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, CATV and CCTV, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, radio page, school intercom and sound, burglar alarms, low voltage fire alarm systems, low voltage master clock systems, distributed antenna systems (DAS), IP data networks, and all surface-mounted (non-power) telecommunications wiremold. Shall additionally include the installation of all raceway systems of unlimited length in telecommunications rooms, entrance facilities, equipment rooms, and similar areas. Energy management systems. Security systems; perimeter, vibration, card access, access control and sonar/infrared monitoring equipment. Communications systems that transmit or receive information and/or control systems that are intrinsic to the above listed systems; SCADA (Supervisory Control and Data Acquisition), PCM (Pulse Code Modulation), Digital Data Systems, Broadband and Baseband and Carriers, POS (Point of Sale systems), VSAT Data Systems, RF and Remote Control Systems, Fiber Optic Data Systems and Voice and Data Infrastructure and Backbone.



STATE OF MICHIGAN

Wage and Hour Division
PO Box 30476
Lansing, MI 48909
517-284-7800

Informational Sheet: Prevailing Wages on State Funded Projects

REQUIREMENTS

Effective February 13, 2024

The purpose of establishing prevailing rates is to provide minimum rates of pay that must be paid to workers on construction projects that are financed or financially supported by the state. Prevailing rates compiled from the rates contained in collectively bargained agreements which cover the locations of the state projects. While the prevailing wage rates are compiled through surveys of collectively bargained agreements, a collective bargaining agreement is not required for contractors to be on or be awarded state projects. The prevailing rate schedule provides an hourly rate which includes wage and fringe benefit totals for designated construction mechanic classifications. The overtime rates also include wage and fringe benefit totals. Please pay special attention to the overtime and premium pay requirements. The prevailing wage is satisfied when wages plus fringe benefits are equal to or greater than the required rate.

State of Michigan responsibilities:

- The department establishes the prevailing rate for each classification of construction mechanic requested by the contracting agents prior to contracts being let out for bid on a state project.

DTMB responsibilities

- If a contract is not awarded or construction does not start within 90 days of the date of the issuance of rates, a re-determination of rates must be requested by the contracting agents.
- Rates for classifications needed but not provided on the Prevailing Rate Schedule, **must** be obtained **prior** to contracts being let out for bid on a state project.

Contractor responsibilities:

- Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing rates prescribed in a contract.
- Every contractor and subcontractor shall keep an accurate record showing the name and occupation of and the actual wages and benefits paid to each construction mechanic. This record shall be available for reasonable inspection by DTMB or the department.
- Each contractor or subcontractor is liable for the payment of the prevailing rate to its employees.
- The prime contractor is responsible for advising all subcontractors of the requirement to pay the prevailing rate prior to commencement of work.
- A construction mechanic *shall only* be paid the apprentice rate if registered with the United States Department of Labor, Bureau of Apprenticeship and Training and the rate is included in the contract.

Enforcement:

A person who has information of an alleged prevailing wage violation on a prevailing wage project may file a complaint with the State of Michigan. The department will investigate and attempt to resolve the complaint informally. During the course of an investigation, if the requested records and posting certification are not made available in compliance with contractual requirements, the Contracting Agent may consider the Contractor to be in material breach of the contract and may terminate the contract for cause at the sole discretion. There are also civil penalties for failure to be in compliance with Act 10. View the entire text of Act 10 of 2023 at michigan.gov/wagehour.



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR AND ECONOMIC OPPORTUNITY
WAGE AND HOUR DIVISION

SUSAN CORBIN
DIRECTOR

Prevailing Wage Rates for State Funded Projects Official Rate Schedule

ORS#:	ORS-002164
Date Issued:	03/14/2025
Contract Award By Date:	06/12/2025
Contracting Agency:	DTMB Design & Construction Division (CA-0007)
Contracting Agency Representative:	Don Klein (KleinD4@michigan.gov)
Project Number:	472/23129.SDW
Project Name:	Woodland Center Correctional Facility
Project Description:	Utility Improvements

FOR ALL AWARDED CONTRACTS ONLY

- Every Contractor and Subcontractors shall keep Posted on the Construction Site, in a conspicuous place, a copy of all applicable prevailing wage rate schedules contained in a contract.
- The Prevailing rate schedule provides an hourly rate which includes wage and fringe benefit totals for designated classifications.
- Please refer to WHD-9917 & WHD 9918 for any additional information.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Boilermaker	Boilermaker	05/10/2024

Classification Description: Boilermaker

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$72.47	\$107.55	\$142.63
Apprentice: 1st Period	\$53.53	\$79.15	\$104.75
Apprentice: 2nd Period	\$55.14	\$81.56	\$107.97
Apprentice: 3rd Period	\$56.73	\$83.94	\$111.15
Apprentice: 4th Period	\$58.31	\$86.31	\$114.31
Apprentice: 5th Period	\$59.85	\$88.62	\$117.39
Apprentice: 6th Period	\$63.03	\$93.39	\$123.75
Apprentice: 7th Period	\$66.17	\$98.10	\$130.03
Apprentice: 8th Period	\$69.32	\$102.83	\$136.33

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$90.82
10th hour	\$90.82
Beyond 10 hours	\$90.82
Saturday	
First 8 hours	\$90.82
9th hour	\$90.82
10th hour	\$90.82
Beyond 10 hours	\$90.82
Sunday/Holiday	
	\$109.17

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Bricklayer/Stone Mason/Pointer Cleaner Caulker - BAC 2 - Ann Arbor	Bricklayer	09/17/2024

Classification Description: Bricklayer/Stone Mason/Pointer Cleaner Caulker

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$65.68	\$84.42	\$103.15
Apprentice: Bricklayer, Stone Mason,Pointer Cleaner Caulker Apprentice 1st level	\$50.02	\$61.93	\$73.83
Apprentice: Bricklayer, Stone Mason,Pointer Cleaner Caulker Apprentice 2nd Level	\$52.05	\$64.97	\$77.89
Apprentice: Bricklayer, Stone Mason,Pointer Cleaner Caulker Apprentice 3rd Level	\$54.09	\$68.03	\$81.97
Apprentice: Bricklayer, Stone Mason,Pointer Cleaner Caulker Apprentice 4th Level	\$56.12	\$71.08	\$86.03
Apprentice: Bricklayer, Stone Mason,Pointer Cleaner Caulker Apprentice 5th Level	\$58.16	\$74.14	\$90.11
Apprentice: Bricklayer, Stone Mason,Pointer Cleaner Caulker Apprentice 6th Level	\$60.19	\$76.65	\$93.64

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$65.68
10th hour	\$65.68
Beyond 10 hours	\$65.68
Saturday	
First 8 hours	\$65.68
9th hour	\$65.68
10th hour	\$65.68
Beyond 10 hours	\$65.68
Sunday/Holiday	
	\$103.15

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Between Nov. 1 and Apr 30, if inclement weather, or other conditions beyond the Employer's control, Saturdays may be worked as make-up days. Make-up time shall be paid at the straight time rate until forty hrs are worked unless the standard workweek included a holiday, then 32 hrs straight time

Additional Jurisdiction Detail: The following Townships in Livingston (Brighton; including the city of Brighton, Cohoctah, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Howell; including the city of Howell, Marion, Osceola, Putnam and Tyrone).

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Bricklayers, Stone Mason, Pointer, Cleaner & Caulker - BAC 2 - Metro Detroit	Bricklayer	09/24/2024

Classification Description: Bricklayers, Stone Mason, Pointer, Cleaner & Caulker

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$65.01	\$97.53	\$130.02
Apprentice: Bricklayer Apprentice Level 5	\$52.46	\$78.71	\$104.92
Apprentice: Bricklayer Apprentice Level 6	\$54.31	\$81.48	\$108.62
Apprentice: Bricklayers Apprentice 2nd Level	\$46.91	\$70.38	\$93.82
Apprentice: Bricklayers Apprentice 4th Level	\$50.61	\$75.93	\$101.22
Apprentice: Bricklayers Apprentice Level 1	\$45.06	\$67.61	\$90.12
Apprentice: Bricklayers Apprentice Level 3	\$48.76	\$73.16	\$97.52
Apprentice: Bricklayers Apprentice Level 7&8	\$56.16	\$84.26	\$112.32

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$65.01
10th hour	\$65.01
Beyond 10 hours	\$65.01
Saturday	
First 8 hours	\$65.01
9th hour	\$65.01
10th hour	\$65.01
Beyond 10 hours	\$65.01
Sunday/Holiday	\$130.02

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Between Nov. 1 and Apr 30, if inclement weather, or other conditions beyond the Employer's control, Saturdays may be worked as make-up days. Make-up time shall be paid at the straight time rate until forty hrs are worked unless the standard workweek included a holiday, then 32 hrs straight time

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Carpenter - J	Carpenter	05/10/2024

Classification Description: Carpenter 4- 10s allowed Monday-Thursday. Friday make up day for inclement weather. Hours worked on Friday except for inclement weather make up shall be paid at time and one half.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$50.02	\$64.59	\$79.15	Over 8-hour day/40-hour week
Apprentice: 1st Year	\$41.28	\$51.48	\$61.67	9th hour \$64.59
Apprentice: 2nd Year	\$42.74	\$53.67	\$64.59	10th hour \$64.59
Apprentice: 3rd Year	\$45.65	\$58.03	\$70.41	Beyond 10 hours \$64.59
Apprentice: 4th Year	\$48.56	\$62.40	\$76.23	Saturday
				First 8 hours \$64.59
				9th hour \$64.59
				10th hour \$64.59
				Beyond 10 hours \$64.59
				Sunday/Holiday \$79.15

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Twps of Conway, Cohoctah, Handy, Howell, Iosco, and Marion

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Carpenter/Piledriver-1004-Lansing Area	Carpenter	09/17/2024

Classification Description: Carpenter/Piledriver

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$54.10	\$71.11	\$88.11
Apprentice: Apprentice 1st Year	\$43.90	\$55.81	\$67.71
Apprentice: Apprentice 2nd Year	\$45.60	\$58.36	\$71.11
Apprentice: apprentice 3rd Year	\$49.00	\$63.46	\$77.91
Apprentice: Apprentice 4th Year	\$52.40	\$68.56	\$84.71

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$71.11
10th hour	\$71.11
Beyond 10 hours	\$71.11
Saturday	
First 8 hours	\$71.11
9th hour	\$71.11
10th hour	\$71.11
Beyond 10 hours	\$71.11
Sunday/Holiday	
	\$88.11

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

If the job is delayed due to inclement weather, a make-up day on Friday may be scheduled by the Employer for completion of the forty (40) hour week. Make-up work scheduled for Friday shall not be less than eight (8) hours.

Additional Jurisdiction Detail: Twps of Conway, Cohoctah, Handy, Howell, Iosco, and Marion

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Carpenter/Piledriver-687-Z1	Carpenter	09/16/2024

Classification Description: Carpenter/Piledriver

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$72.05	\$92.86	\$113.66
Apprentice: 1st year	\$47.22	\$59.81	\$72.39
Apprentice: 2nd year	\$53.43	\$68.07	\$82.71
Apprentice: 3rd year	\$59.64	\$76.34	\$93.03
Apprentice: 4th year	\$65.85	\$84.60	\$103.35

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$92.86
10th hour	\$92.86
Beyond 10 hours	\$92.86

Saturday

First 8 hours	\$92.86
9th hour	\$92.86
10th hour	\$92.86
Beyond 10 hours	\$92.86

Sunday/Holiday	\$113.66
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Yes, but Saturdays may not be used as a make-up day. One and a half (1 ½) the straight time rate applies to all Saturday hours, and those over 40 hours per week. Double time applies on all Sundays, Holidays, and all time over 12 hours per day.

Additional Jurisdiction Detail: In the townships of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Oceola, Putnam, Tyrone, and Unadilla.

Base Rate Comment: 4-10s allowed Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Carpenter/Piledriver-687-Z2	Carpenter	09/17/2024

Classification Description: Carpenter-

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$66.96	\$87.77	\$108.57
Apprentice: Carpenter/Piledriver 1st year	\$47.22	\$59.81	\$72.39
Apprentice: Carpenter/Piledriver 2nd year	\$53.43	\$68.07	\$82.71
Apprentice: Carpenter/Piledriver 3rd year	\$59.64	\$76.34	\$93.03
Apprentice: Carpenter/Piledriver 4th year	\$65.85	\$84.60	\$103.35

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$87.77
10th hour	\$87.77
Beyond 10 hours	\$87.77

Saturday

First 8 hours	\$87.77
9th hour	\$87.77
10th hour	\$87.77
Beyond 10 hours	\$87.77

Sunday/Holiday	\$108.57
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturdays

Additional Jurisdiction Detail: Twps of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Osceola, Putnam, Tyrone, and Unadilla

Overtime Rate Comment: Double time due anytime when over 12 hours worked per day

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Carpet & Resilient Floor Layer	Carpenter	05/10/2024

Classification Description: Carpet and Resilient Floor Layer, (does not include installation of prefabricated formica & parquet flooring which is to be paid carpenter rate)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$64.51	\$82.93	\$101.34
Apprentice: Apprentice 1st Year	\$42.73	\$53.88	\$65.03
Apprentice: Apprentice 2nd Year	\$48.17	\$61.14	\$74.10
Apprentice: Apprentice 3rd Year	\$53.61	\$68.39	\$83.17
Apprentice: Apprentice 4th Year	\$59.07	\$75.67	\$92.27

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$64.51
10th hour	\$64.51
Beyond 10 hours	\$82.92

Saturday

First 8 hours	\$82.92
9th hour	\$82.92
10th hour	\$82.92
Beyond 10 hours	\$101.34

Sunday/Holiday	\$0.00
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Diver Tender-687-Z1	Carpenter	09/16/2024

Classification Description: Journeyman-Diver Tender

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$71.16	\$91.97	\$112.77

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$91.97
10th hour	\$91.97
Beyond 10 hours	\$91.97

Saturday

First 8 hours	\$91.97
9th hour	\$91.97
10th hour	\$91.97
Beyond 10 hours	\$91.97

Sunday/Holiday	\$112.77
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Yes, but Saturdays may not be used as a make-up day. One and a half (1 ½) the straight time rate applies to all Saturday hours, and those over 40 hours per week. Double time applies on all Sundays, Holidays, and all time over 12 hours per day.

Additional Jurisdiction Detail: In the townships of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Oceola, Putnam, Tyrone, and Unadilla.

Overtime Rate Comment: Double time over 12 hours/day.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Piledriver - Z2	Carpenter	05/10/2024

Classification Description: Piledriver 4- 10s allowed Monday thru Saturday; double time due when over 12 hours worked per day

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$65.99	\$83.94	\$101.89
Apprentice: 1st 6 months	\$40.39	\$50.27	\$60.14
Apprentice: 2nd 6 months	\$46.08	\$57.75	\$69.42
Apprentice: 3rd 6 months	\$51.77	\$65.24	\$78.70
Apprentice: 4th 6 months	\$57.47	\$72.73	\$87.99

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$83.94
10th hour	\$83.94
Beyond 10 hours	\$83.94

Saturday

First 8 hours	\$30.09
9th hour	\$83.94
10th hour	\$83.94
Beyond 10 hours	\$83.94

Sunday/Holiday	\$101.89
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Twps of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Osceola, Putnam, Tyrone, and Unadilla

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Resilient floorlayer-1004-Lansing Area	Carpenter	09/17/2024

Classification Description: Resilient floorlayer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$54.55	\$71.85	\$89.14
Apprentice: Apprentice 1st Year	\$44.32	\$56.50	\$68.68
Apprentice: Apprentice 2nd Year	\$46.03	\$59.07	\$72.10
Apprentice: Apprentice 3rd Year	\$49.44	\$64.18	\$78.92
Apprentice: Apprentice 4th Year	\$52.85	\$69.30	\$85.74

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$71.84
10th hour	\$71.84
Beyond 10 hours	\$71.84

Saturday

First 8 hours	\$71.84
9th hour	\$71.84
10th hour	\$71.84
Beyond 10 hours	\$71.84

Sunday/Holiday	\$89.14
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

If the job is delayed due to inclement weather, a make-up day on Friday may be scheduled by the Employer for completion of the forty (40) hour week. Make-up work scheduled for Friday shall not be less than eight (8) hours.

Additional Jurisdiction Detail: Twps of Conway, Cohoctah, Handy, Howell, Iosco, and Marion

Overtime Rate Comment: Time and one-half (1 1/2) shall be paid for all hours worked over ten (10) hours per day or over forty (40) hours per week in a five (5) day, eight (8) hours work week.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Cement Mason - BAC 2 - Ann Arbor	Cement Mason	09/17/2024

Classification Description: Cement Mason

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$62.25	\$79.66	\$97.07

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$62.25
10th hour	\$62.25
Beyond 10 hours	\$62.25

Saturday

First 8 hours	\$62.25
9th hour	\$62.25
10th hour	\$62.25
Beyond 10 hours	\$62.25

Sunday/Holiday	\$97.07
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Between Nov. 1 and Apr 30, if inclement weather, or other conditions beyond the Employer's control, Saturdays may be worked as make-up days. Make-up time shall be paid at the straight time rate until forty hrs are worked unless the standard workweek included a holiday, then 32 hrs straight time

Additional Jurisdiction Detail: The following Townships in Livingston (Brighton; including the city of Brighton, Cohoctah, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Howell; including the city of Howell, Marion, Osceola, Putnam and Tyrone).

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Class A Laborer - Zone A	Class A Laborer	05/10/2024

Classification Description: Construction Laborer, Demolition Laborer, Mason Tender, Carpenter Tender, Drywall Handler, Concrete Laborer, Cement Finisher tender, concrete chute and concrete Bucket Handler, Concrete Laborer, Cement Finisher Tender

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.10	\$64.48	\$78.85
Apprentice: 0-1,000 Hours	\$42.91	\$53.69	\$64.47
Apprentice: 1,001-2,000 Hours	\$44.35	\$55.85	\$67.35
Apprentice: 2,001-3,000 Hours	\$45.79	\$58.01	\$70.23
Apprentice: 3,001-4,000 Hours	\$48.66	\$62.31	\$75.97

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$64.48
10th hour	\$64.48
Beyond 10 hours	\$64.48
Saturday	
First 8 hours	\$64.48
9th hour	\$64.48
10th hour	\$64.48
Beyond 10 hours	\$64.48
Sunday/Holiday	
	\$78.85

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Class A Laborer - Zone A	Class A Laborer	05/10/2024

Classification Description: Construction Laborer, Demolition Laborer, Mason Tender, Carpenter Tender, Drywall Handler, Concrete Laborer, Cement Finisher tender, concrete chute and concrete Bucket Handler, Concrete Laborer, Cement Finisher Tender

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.10	\$64.48	\$78.85
Apprentice: 0-1,000 Hours	\$42.91	\$53.69	\$64.47
Apprentice: 1,001-2,000 Hours	\$44.35	\$55.85	\$67.35
Apprentice: 2,001-3,000 Hours	\$45.79	\$58.01	\$70.23
Apprentice: 3,001-4,000 Hours	\$48.66	\$62.31	\$75.97

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$64.48
10th hour	\$64.48
Beyond 10 hours	\$64.48
Saturday	
First 8 hours	\$64.48
9th hour	\$64.48
10th hour	\$64.48
Beyond 10 hours	\$64.48
Sunday/Holiday	
	\$78.85

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Class A Laborer - Zone A	Class A Laborer	05/10/2024

Classification Description: Construction Laborer, Demolition Laborer, Mason Tender, Carpenter Tender, Drywall Handler, Concrete Laborer, Cement Finisher tender, concrete chute and concrete Bucket Handler, Concrete Laborer, Cement Finisher Tender

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.10	\$64.48	\$78.85
Apprentice: 0-1,000 Hours	\$42.91	\$53.69	\$64.47
Apprentice: 1,001-2,000 Hours	\$44.35	\$55.85	\$67.35
Apprentice: 2,001-3,000 Hours	\$45.79	\$58.01	\$70.23
Apprentice: 3,001-4,000 Hours	\$48.66	\$62.31	\$75.97

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$64.48
10th hour	\$64.48
Beyond 10 hours	\$64.48

Saturday

First 8 hours	\$64.48
9th hour	\$64.48
10th hour	\$64.48
Beyond 10 hours	\$64.48

Sunday/Holiday	\$78.85
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of State Highway M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Communication Technician	Communication Technician	05/13/2024

Classification Description:

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$67.89	\$98.24	\$128.58

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$98.24
10th hour	\$98.24
Beyond 10 hours	\$98.24
Saturday	
First 8 hours	\$98.24
9th hour	\$98.24
10th hour	\$98.24
Beyond 10 hours	\$98.24
Sunday/Holiday	
	\$128.58

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

ONLY due to inclement weather or customer requirements may Friday be used as a make up day if the normal scheduled work week was interrupted and time lost of five (5) hours or more was incurred by workmen covered under the terms of the 6-17-C/6-876-T agreement.

Base Rate Comment: Foreman (112.5% above JL Rate)

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Diver-687-Z1	Diver	10/01/2024

Classification Description: Diver

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$82.48	\$107.41	\$132.34

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$107.41
10th hour	\$107.41
Beyond 10 hours	\$107.41

Saturday

First 8 hours	\$107.41
9th hour	\$107.41
10th hour	\$107.41
Beyond 10 hours	\$107.41

Sunday/Holiday	\$132.34
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Yes, but Saturdays may not be used as a make-up day. One and a half (1 ½) the straight time rate applies to all Saturday hours, and those over 40 hours per week. Double time applies on all Sundays, Holidays, and all time over 12 hours per day.

Additional Jurisdiction Detail: In the townships of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Oceola, Putnam, Tyrone, and Unadilla.

Overtime Rate Comment: Double time due when over 12 hours worked per day

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Drywall Taper	Drywall	05/10/2024

Classification Description: Drywall Taper
Four 10s allowed Monday-Thursday

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.91	\$59.74	\$73.56
Apprentice: 4th 6 months	\$41.76	\$53.51	\$65.26
Apprentice: First 3 months	\$32.08	\$38.99	\$45.90
Apprentice: Second 3 months	\$34.85	\$43.14	\$51.44
Apprentice: Second 6 months	\$37.62	\$47.30	\$56.98
Apprentice: Third 6 months	\$40.38	\$51.44	\$62.50

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.74
10th hour	\$59.74
Beyond 10 hours	\$73.56

Saturday

First 8 hours	\$59.74
9th hour	\$73.56
10th hour	\$73.56
Beyond 10 hours	\$73.56

Sunday/Holiday \$73.56

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday make-up day for bad weather or holidays

Additional Jurisdiction Detail: Townships of Deerfield, Tyrone, Oceola, Hartland, Genoa, Hamburg, Green Oak and Brighton.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Drywall Taper & Finisher	Drywall	05/10/2024

Classification Description: Drywall Taper and Finisher

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.64	\$58.17	\$71.75
Apprentice: 1st level	\$31.06	\$37.80	\$44.59
Apprentice: 2nd level	\$36.49	\$45.95	\$55.45
Apprentice: 3rd level	\$41.92	\$54.09	\$66.31

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$58.22
10th hour	\$58.22
Beyond 10 hours	\$58.22
Saturday	
First 8 hours	\$58.22
9th hour	\$58.22
10th hour	\$58.22
Beyond 10 hours	\$58.22
Sunday/Holiday	
	\$71.80

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Electrician - IW	Electrician	05/10/2024

Classification Description: Inside wireman

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$81.89	\$105.17	\$128.45
Apprentice: 1st Period	\$46.80	\$57.51	\$68.21
Apprentice: 2nd Period	\$53.31	\$66.94	\$80.55
Apprentice: 3rd Period	\$59.03	\$73.00	\$86.97
Apprentice: 4th Period	\$64.73	\$81.03	\$97.32
Apprentice: 5th Period	\$70.47	\$87.60	\$106.22
Apprentice: 6th Period	\$76.17	\$97.12	\$118.07

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$105.17
10th hour	\$105.17
Beyond 10 hours	\$128.45
Saturday	
First 8 hours	\$105.17
9th hour	\$128.45
10th hour	\$128.45
Beyond 10 hours	\$128.45
Sunday/Holiday	
	\$128.45

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Townships of Unadilla, Putnam, Hamburg, and Green Oak ONLY.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Electrician - IW	Electrician	05/10/2024

Classification Description: Inside wireman

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$81.89	\$105.17	\$128.45
Apprentice: 1st Period	\$46.80	\$57.51	\$68.21
Apprentice: 2nd Period	\$53.31	\$66.94	\$80.55
Apprentice: 3rd Period	\$59.03	\$73.00	\$86.97
Apprentice: 4th Period	\$64.73	\$81.03	\$97.32
Apprentice: 5th Period	\$70.47	\$87.60	\$106.22
Apprentice: 6th Period	\$76.17	\$97.12	\$118.07

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$105.17
10th hour	\$105.17
Beyond 10 hours	\$128.45

Saturday

First 8 hours	\$105.17
9th hour	\$128.45
10th hour	\$128.45
Beyond 10 hours	\$128.45

Sunday/Holiday

	\$128.45
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Unadilla, Putnam, Hamburg & Green Oak townships

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Electrician - IW	Electrician	05/10/2024

Classification Description: Inside Wireman

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$66.98	\$89.65	\$112.32
Apprentice: 1st Period	\$31.68	\$41.89	\$52.09
Apprentice: 2nd period	\$33.95	\$45.28	\$56.62
Apprentice: 3rd Period	\$38.44	\$50.92	\$63.38
Apprentice: 4th Period	\$51.42	\$66.16	\$80.90
Apprentice: 5th Period	\$53.68	\$69.56	\$85.42
Apprentice: 6th Period	\$55.95	\$72.96	\$89.96

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$89.65
10th hour	\$89.65
Beyond 10 hours	\$112.32
Saturday	
First 8 hours	\$89.65
9th hour	\$89.65
10th hour	\$89.65
Beyond 10 hours	\$112.32
Sunday/Holiday	
	\$112.32

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Conway, Cohoctah, Handy, Howell, Iosco & Marion townships

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Electrician - SC	Electrician	05/10/2024

Classification Description: Sound and Communications Installer

Technician BICSI certified & 6,000 OJT Straight time Rate \$54.32 Time and Half \$73.16 Double Time \$91.99

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$51.10	\$66.96	\$83.79
Apprentice: Period 1	\$33.56	\$40.49	\$48.72
Apprentice: Period 2	\$35.31	\$43.02	\$52.07
Apprentice: Period 3	\$37.07	\$45.56	\$55.43
Apprentice: Period 4	\$38.82	\$48.11	\$58.80
Apprentice: Period 5	\$40.57	\$50.63	\$62.14
Apprentice: Period 6	\$44.09	\$55.70	\$68.85
Apprentice: Period 7	\$47.59	\$60.76	\$75.56
Apprentice: Period 8	\$49.34	\$63.29	\$78.92
Apprentice: Technician BICSI certification & 6,000 OJT	\$54.32	\$73.16	\$91.99

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$65.91
10th hour	\$65.91
Beyond 10 hours	\$80.72

Saturday

First 8 hours	\$65.91
9th hour	\$80.72
10th hour	\$80.72
Beyond 10 hours	\$80.72

Sunday/Holiday	\$80.72
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Townships of Unadilla, Putnam, Hamburg, and Green Oak ONLY.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Electrician - SC	Electrician	05/10/2024

Classification Description: Sound and Communications Installer

Technician BICSI certified & 6,000 OJT Straight time Rate \$54.32 Time and Half \$73.16 Double Time \$91.99

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$51.10	\$66.96	\$83.79
Apprentice: Period 1	\$33.56	\$40.49	\$48.72
Apprentice: Period 2	\$35.31	\$43.02	\$52.07
Apprentice: Period 3	\$37.07	\$45.56	\$55.43
Apprentice: Period 4	\$38.82	\$48.11	\$58.80
Apprentice: Period 5	\$40.57	\$50.63	\$62.14
Apprentice: Period 6	\$44.09	\$55.70	\$68.85
Apprentice: Period 7	\$47.59	\$60.76	\$75.56
Apprentice: Period 8	\$49.34	\$63.29	\$78.92
Apprentice: Technician BICSI certification & 6,000 OJT	\$54.32	\$73.16	\$91.99

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$65.91
10th hour	\$65.91
Beyond 10 hours	\$80.72

Saturday

First 8 hours	\$65.91
9th hour	\$80.72
10th hour	\$80.72
Beyond 10 hours	\$80.72

Sunday/Holiday	\$80.72
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Unadilla, Putnam, Hamburg & Green Oak townships

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Electrician - SC	Electrician	05/10/2024

Classification Description: Sound and Communications Installer

Technician BICSI certified & 6,000 OJT Straight time Rate \$54.32 Time and Half \$73.16 Double Time \$91.99

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.37	\$44.43	\$59.24
Apprentice: Period 1	\$33.56	\$40.49	\$48.72
Apprentice: Period 2	\$35.31	\$43.02	\$52.07
Apprentice: Period 3	\$37.07	\$45.56	\$55.43
Apprentice: Period 4	\$38.82	\$48.11	\$58.80
Apprentice: Period 5	\$40.57	\$50.63	\$62.14
Apprentice: Period 6	\$44.09	\$55.70	\$68.85
Apprentice: Period 7	\$47.59	\$60.76	\$75.56
Apprentice: Period 8	\$49.34	\$63.29	\$78.92
Apprentice: Technician BICSI certification & 6,000 OJT	\$54.32	\$73.16	\$91.99

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$0.00
10th hour	\$0.00
Beyond 10 hours	\$0.00

Saturday

First 8 hours	\$0.00
9th hour	\$0.00
10th hour	\$0.00
Beyond 10 hours	\$0.00

Sunday/Holiday	\$0.00
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Townships of Unadilla, Putnam, Hamburg, and Green Oak ONLY.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Electrician - SC	Electrician	05/10/2024

Classification Description: Sound and Communications Installer

Technician BICSI certified & 6,000 OJT Straight time Rate \$54.32 Time and Half \$73.16 Double Time \$91.99

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.37	\$44.43	\$59.24
Apprentice: Period 1	\$33.56	\$40.49	\$48.72
Apprentice: Period 2	\$35.31	\$43.02	\$52.07
Apprentice: Period 3	\$37.07	\$45.56	\$55.43
Apprentice: Period 4	\$38.82	\$48.11	\$58.80
Apprentice: Period 5	\$40.57	\$50.63	\$62.14
Apprentice: Period 6	\$44.09	\$55.70	\$68.85
Apprentice: Period 7	\$47.59	\$60.76	\$75.56
Apprentice: Period 8	\$49.34	\$63.29	\$78.92
Apprentice: Technician BICSI certification & 6,000 OJT	\$54.32	\$73.16	\$91.99

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$0.00
10th hour	\$0.00
Beyond 10 hours	\$0.00

Saturday

First 8 hours	\$0.00
9th hour	\$0.00
10th hour	\$0.00
Beyond 10 hours	\$0.00

Sunday/Holiday

	\$0.00
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Unadilla, Putnam, Hamburg & Green Oak townships

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Electrician - SD	Electrician	05/10/2024

Classification Description: Sound and Communication Journeyman a 4 day schedule of ten hours a day is allowed Monday thru Friday.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$66.56	\$86.06	\$105.56
Apprentice: 1st period	\$26.80	\$35.03	\$43.26
Apprentice: 2nd period	\$28.86	\$38.11	\$47.37
Apprentice: 3rd period	\$32.98	\$43.26	\$53.55
Apprentice: 4th period	\$47.07	\$60.45	\$73.82
Apprentice: 5th period	\$49.13	\$63.53	\$77.94
Apprentice: 6th period	\$51.19	\$66.63	\$82.05

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$86.06
10th hour	\$86.06
Beyond 10 hours	\$105.56
Saturday	
First 8 hours	\$86.06
9th hour	\$86.06
10th hour	\$86.06
Beyond 10 hours	\$105.56
Sunday/Holiday	
	\$105.56

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Conway, Cohoctah, Handy, Howell, Iosco & Marion townships

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Journeyman Inside Wireman	Electrician	02/26/2025

Classification Description: -Duties: Install, repair, and maintain electrical systems, install lighting, receptacles, and fixtures
 -Materials: Wire and electrical cable, Conduit, Lighting, receptacles, and fixtures
 -Equipment: pliers, screwdrivers, wire cutters, measuring tapes, drills, electric screw guns, and hydraulic benders, voltmeters and ammeters

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$75.36	\$107.79	\$140.22
Apprentice: 1st Period	\$46.28	\$61.78	\$73.67
Apprentice: 2nd Period	\$53.43	\$70.24	\$83.46
Apprentice: 3rd Period	\$56.08	\$74.22	\$88.75
Apprentice: 4th Period	\$58.71	\$78.18	\$94.03
Apprentice: 5th Period	\$61.36	\$82.14	\$99.32
Apprentice: 6th Period	\$66.64	\$90.07	\$109.89

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$101.02
10th hour	\$101.02
Beyond 10 hours	\$101.02
Saturday	
First 8 hours	\$101.02
9th hour	\$101.02
10th hour	\$101.02
Beyond 10 hours	\$101.02
Sunday/Holiday	\$126.68

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Additional Jurisdiction Detail: the townships of Deerfield, Tyrone, Hartland, Oceola, Genoa, & Brighton

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Sound and Communication Installer	Electrician	02/27/2025

Classification Description: Sound and Communication Installer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$48.26	\$64.55	\$80.85
Apprentice: Apprentice 1st Period	\$34.69	\$43.65	\$52.61
Apprentice: Apprentice 2nd Period	\$36.32	\$46.09	\$55.87
Apprentice: Apprentice 3rd Period	\$37.96	\$48.56	\$59.14
Apprentice: Apprentice 4th Period	\$39.58	\$51.00	\$62.40
Apprentice: Apprentice 5th Period	\$41.21	\$53.44	\$65.65
Apprentice: Apprentice 6th Period	\$42.84	\$55.88	\$68.91

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$64.08
10th hour	\$64.08
Beyond 10 hours	\$64.08

Saturday

First 8 hours	\$64.08
9th hour	\$64.08
10th hour	\$64.08
Beyond 10 hours	\$64.08

Sunday/Holiday	\$79.90
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: the townships of Deerfield, Tyrone, Hartland, Oceola, Genoa, & Brighton

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Sound and Communication Technician	Electrician	02/27/2025

Classification Description: Sound and Communication Technician

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$56.80	\$77.37	\$97.93
Apprentice: Period 1	\$34.18	\$14.45	\$14.67
Apprentice: Period 2	\$36.23	\$15.13	\$15.58
Apprentice: Period 3	\$38.27	\$14.58	\$14.85
Apprentice: Period 4	\$40.31	\$14.66	\$14.95
Apprentice: Period 5	\$42.35	\$14.71	\$15.03
Apprentice: Period 6	\$44.40	\$14.79	\$15.13

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$76.77
10th hour	\$76.77
Beyond 10 hours	\$76.77
Saturday	
First 8 hours	\$76.77
9th hour	\$76.77
10th hour	\$76.77
Beyond 10 hours	\$76.77
Sunday/Holiday	
	\$96.73

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: the townships of Deerfield, Tyrone, Hartland, Oceola, Genoa, & Brighton

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Elevator Constructor Mechanic	Elevator Constructor	05/10/2024

Classification Description: Elevator Constructor Mechanic

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$96.72	\$83.78	\$152.57
Apprentice: 1st year	\$68.96	\$46.08	\$99.68
Apprentice: 2nd year	\$74.88	\$54.45	\$111.18
Apprentice: 3rd year	\$77.85	\$58.65	\$116.95
Apprentice: 4th year	\$84.65	\$67.02	\$129.33

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$152.57
10th hour	\$152.57
Beyond 10 hours	\$152.57
Saturday	
First 8 hours	\$152.57
9th hour	\$152.57
10th hour	\$152.57
Beyond 10 hours	\$152.57
Sunday/Holiday	
	\$152.57

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Fiber Optic Splicer	Fiber Optic Splicer	05/13/2024

Classification Description:

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$67.89	\$98.24	\$128.58

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$98.24
10th hour	\$98.24
Beyond 10 hours	\$98.24
Saturday	
First 8 hours	\$98.24
9th hour	\$98.24
10th hour	\$98.24
Beyond 10 hours	\$98.24
Sunday/Holiday	
	\$128.58

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

ONLY due to inclement weather or customer requirements may Friday be used as a make up day if the normal scheduled work week was interrupted and time lost of five (5) hours or more was incurred by workmen covered under the terms of the 6-17-C/6-876-T agreement.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Glazier	Glazier	05/10/2024

Classification Description: Glazier
4 tens allowed on consecutive days

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$49.84	\$67.73	\$85.62
Apprentice: 1st level	\$31.62	\$40.40	\$49.18
Apprentice: 2nd level	\$35.12	\$45.66	\$56.18
Apprentice: 3rd Level	\$40.38	\$53.54	\$66.70
Apprentice: 4th level	\$45.66	\$61.46	\$77.26

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$66.72
10th hour	\$66.72
Beyond 10 hours	\$66.72

Saturday

First 8 hours	\$66.72
9th hour	\$66.72
10th hour	\$66.72
Beyond 10 hours	\$66.72

Sunday/Holiday	\$83.59
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: western half of county including City of Howell

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Glazier	Glazier	05/10/2024

Classification Description: Glazier

If 4 10 hour day workweek is scheduled, four 10s must be consecutive, M-F.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$53.55	\$70.10	\$86.65
Apprentice: 1st 6 months	\$37.00	\$45.27	\$53.55
Apprentice: 2nd 6 months	\$37.75	\$46.40	\$55.05
Apprentice: 3rd 6 months	\$41.97	\$52.73	\$63.49
Apprentice: 4th 6 months	\$43.62	\$55.21	\$66.79
Apprentice: 5th 6 months	\$45.27	\$57.68	\$70.09
Apprentice: 6th 6 months	\$46.93	\$60.17	\$73.41
Apprentice: 7th 6 months	\$48.59	\$62.66	\$76.73
Apprentice: 8th 6 months	\$51.89	\$67.61	\$83.33

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$70.10
10th hour	\$70.10
Beyond 10 hours	\$70.10

Saturday

First 8 hours	\$70.10
9th hour	\$70.10
10th hour	\$70.10
Beyond 10 hours	\$70.10

Sunday/Holiday

\$86.65

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Eastern half including the City of Howell.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Heat & Frost Insulator	Heat and Frost Insulator and Asbestos Worker	05/10/2024

Classification Description: Heat and Frost Insulators and Asbestos Workers

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$52.00	\$68.89	\$85.77
Apprentice: 1st year	\$26.38	\$33.69	\$40.99
Apprentice: 2nd year	\$30.15	\$38.92	\$47.68
Apprentice: 3rd year	\$33.92	\$44.15	\$54.37
Apprentice: 4th year	\$37.70	\$49.39	\$61.08
Apprentice: 5th year	\$41.48	\$54.63	\$67.78

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$68.89
10th hour	\$68.89
Beyond 10 hours	\$68.89
Saturday	
First 8 hours	\$68.89
9th hour	\$68.89
10th hour	\$68.89
Beyond 10 hours	\$68.89
Sunday/Holiday	
	\$85.77

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday for cancelled work in a 4 10 schedule

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Electrician - Installor Technician	IBEW 252	06/18/2024

Classification Description: Installor Technician

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$55.15	\$70.91	\$86.67
Apprentice: Apprentice Level 1	\$36.49	\$15.76	\$15.76
Apprentice: Apprentice Level 2	\$38.08	\$17.34	\$17.34
Apprentice: Apprentice Level 3	\$40.14	\$18.91	\$18.91
Apprentice: Apprentice Level 4	\$42.08	\$20.49	\$20.49
Apprentice: apprentice Level 5	\$43.94	\$22.06	\$22.06
Apprentice: Apprentice Level 6	\$47.68	\$25.22	\$25.22
Apprentice: Apprentice Level 7	\$51.41	\$28.37	\$28.37
Apprentice: Apprentice Level 8	\$53.27	\$29.94	\$29.94

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$55.15
10th hour	\$55.15
Beyond 10 hours	\$55.15
Saturday	
First 8 hours	\$55.15
9th hour	\$55.15
10th hour	\$55.15
Beyond 10 hours	\$55.15
Sunday/Holiday	
	\$55.15

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Townships of Unadilla, Putnam, Hamburg, and Green Oak ONLY.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Electrician - Installor Technician	IBEW 252	06/18/2024

Classification Description: Installor Technician

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$55.15	\$70.91	\$86.67
Apprentice: Apprentice Level 1	\$36.49	\$15.76	\$15.76
Apprentice: Apprentice Level 2	\$38.08	\$17.34	\$17.34
Apprentice: Apprentice Level 3	\$40.14	\$18.91	\$18.91
Apprentice: Apprentice Level 4	\$42.08	\$20.49	\$20.49
Apprentice: apprentice Level 5	\$43.94	\$22.06	\$22.06
Apprentice: Apprentice Level 6	\$47.68	\$25.22	\$25.22
Apprentice: Apprentice Level 7	\$51.41	\$28.37	\$28.37
Apprentice: Apprentice Level 8	\$53.27	\$29.94	\$29.94

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$55.15
10th hour	\$55.15
Beyond 10 hours	\$55.15
Saturday	
First 8 hours	\$55.15
9th hour	\$55.15
10th hour	\$55.15
Beyond 10 hours	\$55.15
Sunday/Holiday	
	\$55.15

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Unadilla, Putnam, Hamburg & Green Oak townships

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Ironworker - Rigger Machinery Mover	Ironworker	01/07/2025

Classification Description: Rigging Work

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$78.78	\$96.21	\$113.63
Apprentice: Level 1	\$54.18	\$65.03	\$75.87
Apprentice: Level 2	\$54.18	\$65.03	\$75.87
Apprentice: Level 3	\$57.29	\$69.02	\$80.75
Apprentice: Level 4	\$60.00	\$72.45	\$84.89
Apprentice: Level 5	\$63.12	\$76.45	\$89.78
Apprentice: Level 6	\$65.82	\$79.86	\$93.90
Apprentice: Level 7	\$68.94	\$83.87	\$98.80
Apprentice: Level 8	\$72.05	\$87.87	\$103.69

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$96.21
10th hour	\$96.21
Beyond 10 hours	\$113.63
Saturday	
First 8 hours	\$96.21
9th hour	\$96.21
10th hour	\$96.21
Beyond 10 hours	\$113.63
Sunday/Holiday	
	\$113.63

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Reinforced Ironworker	Ironworker	01/07/2025

Classification Description: Reinforced Iron Work

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$65.70	\$82.42	\$99.13
Apprentice: Level 1	\$54.67	\$66.54	\$78.41
Apprentice: Level 2	\$57.24	\$69.61	\$81.98
Apprentice: Level 3	\$59.13	\$71.84	\$84.54
Apprentice: Level 4	\$62.02	\$75.56	\$89.10
Apprentice: Level 5	\$64.92	\$79.30	\$93.67
Apprentice: Level 6	\$72.26	\$88.98	\$105.69
Apprentice: Level 7	\$72.26	\$88.98	\$105.69
Apprentice: Level 8	\$72.26	\$88.98	\$105.69

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$82.41
10th hour	\$82.41
Beyond 10 hours	\$99.13

Saturday

First 8 hours	\$82.41
9th hour	\$82.41
10th hour	\$82.41
Beyond 10 hours	\$99.13

Sunday/Holiday	\$99.13
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Four 10-hour days allowed? - No

Make Up Day Allowed? - Yes

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Structural Ironworker	Ironworker	01/07/2025

Classification Description: Structural, ornamental, welder and pre-cast

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$78.91	\$105.80	\$132.69
Apprentice: Level 1	\$54.18	\$65.03	\$75.87
Apprentice: Level 2	\$55.00	\$66.20	\$77.40
Apprentice: Level 3	\$57.29	\$69.02	\$80.75
Apprentice: Level 4	\$60.00	\$72.45	\$84.89
Apprentice: Level 5	\$63.12	\$76.45	\$89.78
Apprentice: Level 6	\$65.82	\$79.86	\$93.90
Apprentice: Level 7	\$68.94	\$83.87	\$98.80
Apprentice: Level 8	\$72.05	\$87.87	\$103.69

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$96.69
10th hour	\$96.69
Beyond 10 hours	\$114.46
Saturday	
First 8 hours	\$96.69
9th hour	\$96.69
10th hour	\$96.69
Beyond 10 hours	\$114.46
Sunday/Holiday	
	\$114.46

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Journeyman Signal Technician	Journeyman Signal Technician	05/13/2024

Classification Description:

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$67.89	\$98.24	\$128.58
Apprentice: Apprentice 1st 6 months	\$43.61	\$61.82	\$80.02
Apprentice: Apprentice 2nd 6 months	\$46.65	\$66.38	\$86.10
Apprentice: Apprentice 3rd 6 months	\$49.68	\$70.92	\$92.16
Apprentice: Apprentice 4th 6 months	\$52.71	\$75.47	\$98.22
Apprentice: Apprentice 5th 6 months	\$55.75	\$80.03	\$104.30
Apprentice: Apprentice 6th 6months	\$61.82	\$89.13	\$116.44

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$98.24
10th hour	\$98.24
Beyond 10 hours	\$98.24
Saturday	
First 8 hours	\$98.24
9th hour	\$98.24
10th hour	\$98.24
Beyond 10 hours	\$98.24
Sunday/Holiday	
	\$128.58

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

ONLY due to inclement weather or customer requirements may Friday be used as a make up day if the normal scheduled work week was interrupted and time lost of five (5) hours or more was incurred by workmen covered under the terms of the 6-17-C/6-876-T agreement.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Journeyman Specialist	Journeyman Specialist	05/13/2024

Classification Description:

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$76.98	\$111.88	\$146.76

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$111.87
10th hour	\$111.87
Beyond 10 hours	\$111.87

Saturday

First 8 hours	\$111.87
9th hour	\$111.87
10th hour	\$111.87
Beyond 10 hours	\$111.87

Sunday/Holiday	\$146.76
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

ONLY due to inclement weather or customer requirements may Friday be used as a make up day if the normal scheduled work week was interrupted and time lost of five (5) hours or more was incurred by workmen covered under the terms of the 6-17-C/6-876-T agreement.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Labor Crew Foreman	Labor Crew Foreman	05/13/2024

Classification Description:

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$61.86	\$89.19	\$116.52

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$89.19
10th hour	\$89.19
Beyond 10 hours	\$89.19

Saturday

First 8 hours	\$89.19
9th hour	\$89.19
10th hour	\$89.19
Beyond 10 hours	\$89.19

Sunday/Holiday	\$116.52
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

ONLY due to inclement weather or customer requirements may Friday be used as a make up day if the normal scheduled work week was interrupted and time lost of five (5) hours or more was incurred by workmen covered under the terms of the 6-17-C/6-876-T agreement.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Asbestos & Lead Abatement Laborer	Laborer	05/10/2024

Classification Description: Asbestos & Lead Abatement Laborer

4 ten hour days @ straight time allowed Monday-Saturday, must be consecutive calendar days

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.60	\$65.37	\$80.13
Apprentice: Trainee 600 hours +1 year	\$34.07	\$18.89	\$20.54

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$65.37
10th hour	\$65.37
Beyond 10 hours	\$65.37

Saturday

First 8 hours	\$65.37
9th hour	\$65.37
10th hour	\$65.37
Beyond 10 hours	\$65.37

Sunday/Holiday

\$80.13

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Ground Burner	Laborer	08/02/2024

Classification Description: Ground Burner

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.03	\$60.70	\$76.36

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$60.69
10th hour	\$60.69
Beyond 10 hours	\$60.69

Saturday

First 8 hours	\$60.69
9th hour	\$45.03
10th hour	\$45.03
Beyond 10 hours	\$45.03

Sunday/Holiday	\$76.36
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: W of Oak Grove Rd to W Pinckney Rd and Dexter Pinckney Rd including City of Howell

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Ground Burner	Laborer	08/02/2024

Classification Description: Ground Burner

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.03	\$60.70	\$76.36

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$60.69
10th hour	\$60.69
Beyond 10 hours	\$60.69

Saturday

First 8 hours	\$60.69
9th hour	\$45.03
10th hour	\$45.03
Beyond 10 hours	\$45.03

Sunday/Holiday	\$76.36
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: W of Oak Grove Rd to W Pinckney Rd and Dexter Pinckney Rd including the City of Howell

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
High Burner	Laborer	08/02/2024

Classification Description: High Burner

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$51.83	\$68.65	\$85.46

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$68.65
10th hour	\$68.65
Beyond 10 hours	\$68.65

Saturday

First 8 hours	\$68.65
9th hour	\$68.65
10th hour	\$68.65
Beyond 10 hours	\$68.65

Sunday/Holiday	\$85.46
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: W of Oak Grove Rd to W Pinckney Rd and Dexter Pinckney Rd including City of Howell

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
High Burner	Laborer	08/02/2024

Classification Description: High Burner

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$51.83	\$68.65	\$85.46

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$68.65
10th hour	\$68.65
Beyond 10 hours	\$68.65

Saturday

First 8 hours	\$68.65
9th hour	\$68.65
10th hour	\$68.65
Beyond 10 hours	\$68.65

Sunday/Holiday	\$85.46
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: W of Oak Grove Rd to W Pinckney Rd and Dexter Pinckney Rd including the City of Howell

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A	Laborer	05/10/2024

Classification Description: Journey person - building and heavy construction craft laborer, portable concrete mixer operator, air, electric or gasoline tool operator, hot dope carrier, tar kettle tender, gasoline vibrators, concrete gas buggies, concrete saw, signal person and top pe

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$41.53	\$55.45	\$69.36
Apprentice: 0-1,000 hours	\$40.32	\$50.75	\$61.19
Apprentice: 1,001-2,000 hours	\$41.71	\$52.84	\$63.97
Apprentice: 2,001-3,000 hours	\$43.11	\$54.94	\$66.77
Apprentice: 3,001-4,000 hours	\$45.89	\$59.11	\$72.33

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$55.45
10th hour	\$55.45
Beyond 10 hours	\$55.45

Saturday

First 8 hours	\$55.45
9th hour	\$55.45
10th hour	\$55.45
Beyond 10 hours	\$55.45

Sunday/Holiday	\$69.36
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Southeast portion of Livingston County South of M59 and East of Oak Grove Rd, South of Howell including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-A	Laborer	05/10/2024

Classification Description: Construction Laborers on Building and Heavy Construction Work, Except Foreman and Others Not Falling Within Specified Classification, Demolition Laborer and Drywall Handlers.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$47.80	\$63.10	\$78.40
Apprentice: 0-1,000 hours	\$40.81	\$55.70	\$70.58
Apprentice: 1,001-2,000 hours	\$42.12	\$57.66	\$73.19
Apprentice: 2,001-3,000 hours	\$43.43	\$59.62	\$75.81
Apprentice: 3,001-4,000 hours	\$46.04	\$63.54	\$81.04

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$61.10
10th hour	\$61.10
Beyond 10 hours	\$61.10

Saturday

First 8 hours	\$61.10
9th hour	\$61.10
10th hour	\$61.10
Beyond 10 hours	\$61.10

Sunday/Holiday	\$74.40
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Boundary M-59 on the North, Pinckney Road and Dexter-Pinckney Road on the West, South of Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-A	Laborer	05/10/2024

Classification Description: Construction Laborers on Building and Heavy Construction Work, Except Foreman and Others Not Falling Within Specified Classification, Demolition Laborer and Drywall Handlers.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$47.80	\$63.10	\$78.40
Apprentice: 0-1,000 hours	\$40.81	\$55.70	\$70.58
Apprentice: 1,001-2,000 hours	\$42.12	\$57.66	\$73.19
Apprentice: 2,001-3,000 hours	\$43.43	\$59.62	\$75.81
Apprentice: 3,001-4,000 hours	\$46.04	\$63.54	\$81.04

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$61.10
10th hour	\$61.10
Beyond 10 hours	\$61.10
Saturday	
First 8 hours	\$61.10
9th hour	\$61.10
10th hour	\$61.10
Beyond 10 hours	\$61.10
Sunday/Holiday	\$74.40

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, and south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-A	Laborer	05/10/2024

Classification Description: Construction Laborers on Building and Heavy Construction Work, Except Foreman and Others Not Falling Within Specified Classification, Demolition Laborer and Drywall Handlers.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$47.80	\$63.10	\$78.40
Apprentice: 0-1,000 hours	\$40.81	\$55.70	\$70.58
Apprentice: 1,001-2,000 hours	\$42.12	\$57.66	\$73.19
Apprentice: 2,001-3,000 hours	\$43.43	\$59.62	\$75.81
Apprentice: 3,001-4,000 hours	\$46.04	\$63.54	\$81.04

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$61.10
10th hour	\$61.10
Beyond 10 hours	\$61.10

Saturday

First 8 hours	\$61.10
9th hour	\$61.10
10th hour	\$61.10
Beyond 10 hours	\$61.10

Sunday/Holiday	\$74.40
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-B	Laborer	05/10/2024

Classification Description: Signal man (on sewer & caisson work); air,electric or gasoline tool operator (including concrete vibrator operator,acetylene torch & air hammer operator); scaffold builder, caisson worker

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.40	\$64.93	\$79.45

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$64.93
10th hour	\$64.93
Beyond 10 hours	\$64.93
Saturday	
First 8 hours	\$64.93
9th hour	\$64.93
10th hour	\$64.93
Beyond 10 hours	\$64.93
Sunday/Holiday	\$79.45

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-B	Laborer	05/10/2024

Classification Description: Signal man (on sewer & caisson work); air,electric or gasoline tool operator (including concrete vibrator operator,acetylene torch & air hammer operator); scaffold builder, caisson worker

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.40	\$64.93	\$79.45

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$64.93
10th hour	\$64.93
Beyond 10 hours	\$64.93
Saturday	
First 8 hours	\$64.93
9th hour	\$64.93
10th hour	\$64.93
Beyond 10 hours	\$64.93
Sunday/Holiday	\$79.45

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-B	Laborer	05/10/2024

Classification Description: Signal man (on sewer & caisson work); air,electric or gasoline tool operator (including concrete vibrator operator,acetylene torch & air hammer operator); scaffold builder, caisson worker

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.40	\$64.93	\$79.45

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$64.93
10th hour	\$64.93
Beyond 10 hours	\$64.93

Saturday

First 8 hours	\$64.93
9th hour	\$64.93
10th hour	\$64.93
Beyond 10 hours	\$64.93

Sunday/Holiday	\$79.45
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of State Highway M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-B	Laborer	05/10/2024

Classification Description: Mortar mixer, material mixer, air, gas or electric tool operator, power buggy operator, stone setter, tender, scaffold builder or dismantler, winlass operator, tar & kettle operator.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.58	\$58.82	\$72.06
Apprentice: 0-1,000 hours	\$38.60	\$48.37	\$58.15
Apprentice: 1,001-2,000 hours	\$39.91	\$50.34	\$60.77
Apprentice: 2,001-3,000 hours	\$41.21	\$52.29	\$63.37
Apprentice: 3,001-4,000 hours	\$43.82	\$56.21	\$68.59

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$58.82
10th hour	\$58.82
Beyond 10 hours	\$58.82
Saturday	
First 8 hours	\$58.82
9th hour	\$58.82
10th hour	\$58.82
Beyond 10 hours	\$58.82
Sunday/Holiday	\$72.06

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Boundary M-59 on the North, Pinckney Road and Dexter-Pinckney Road on the West, South of Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-B	Laborer	05/10/2024

Classification Description: Mortar mixer, material mixer, air, gas or electric tool operator, power buggy operator, stone setter, tender, scaffold builder or dismantler, winlass operator, tar & kettle operator.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.58	\$58.82	\$72.06
Apprentice: 0-1,000 hours	\$38.60	\$48.37	\$58.15
Apprentice: 1,001-2,000 hours	\$39.91	\$50.34	\$60.77
Apprentice: 2,001-3,000 hours	\$41.21	\$52.29	\$63.37
Apprentice: 3,001-4,000 hours	\$43.82	\$56.21	\$68.59

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$58.82
10th hour	\$58.82
Beyond 10 hours	\$58.82
Saturday	
First 8 hours	\$58.82
9th hour	\$58.82
10th hour	\$58.82
Beyond 10 hours	\$58.82
Sunday/Holiday	\$72.06

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, and south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-B	Laborer	05/10/2024

Classification Description: Mortar mixer, material mixer, air, gas or electric tool operator, power buggy operator, stone setter, tender, scaffold builder or dismantler, winlass operator, tar & kettle operator.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.58	\$58.82	\$72.06
Apprentice: 0-1,000 hours	\$38.60	\$48.37	\$58.15
Apprentice: 1,001-2,000 hours	\$39.91	\$50.34	\$60.77
Apprentice: 2,001-3,000 hours	\$41.21	\$52.29	\$63.37
Apprentice: 3,001-4,000 hours	\$43.82	\$56.21	\$68.59

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$58.82
10th hour	\$58.82
Beyond 10 hours	\$58.82

Saturday

First 8 hours	\$58.82
9th hour	\$58.82
10th hour	\$58.82
Beyond 10 hours	\$58.82

Sunday/Holiday	\$72.06
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-B2	Laborer	05/10/2024

Classification Description: Jack hammering and chipping on concrete

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.91	\$59.32	\$72.72
Apprentice: 0-1,000 hours	\$38.85	\$48.75	\$58.65
Apprentice: 1,001-2,000 hours	\$40.17	\$50.73	\$61.29
Apprentice: 2,001-3,000 hours	\$41.49	\$52.71	\$63.93
Apprentice: 3,001-4,000 hours	\$44.13	\$56.67	\$69.21

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.32
10th hour	\$59.32
Beyond 10 hours	\$59.32

Saturday

First 8 hours	\$59.32
9th hour	\$59.32
10th hour	\$59.32
Beyond 10 hours	\$59.32

Sunday/Holiday	\$72.72
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Boundary M-59 on the North, Pinckney Road and Dexter-Pinckney Road on the West, South of Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-B2	Laborer	05/10/2024

Classification Description: Jack hammering and chipping on concrete

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.91	\$59.32	\$72.72
Apprentice: 0-1,000 hours	\$38.85	\$48.75	\$58.65
Apprentice: 1,001-2,000 hours	\$40.17	\$50.73	\$61.29
Apprentice: 2,001-3,000 hours	\$41.49	\$52.71	\$63.93
Apprentice: 3,001-4,000 hours	\$44.13	\$56.67	\$69.21

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.32
10th hour	\$59.32
Beyond 10 hours	\$59.32

Saturday

First 8 hours	\$59.32
9th hour	\$59.32
10th hour	\$59.32
Beyond 10 hours	\$59.32

Sunday/Holiday	\$72.72
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, and south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-B2	Laborer	05/10/2024

Classification Description: Jack hammering and chipping on concrete

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.91	\$59.32	\$72.72
Apprentice: 0-1,000 hours	\$38.85	\$48.75	\$58.65
Apprentice: 1,001-2,000 hours	\$40.17	\$50.73	\$61.29
Apprentice: 2,001-3,000 hours	\$41.49	\$52.71	\$63.93
Apprentice: 3,001-4,000 hours	\$44.13	\$56.67	\$69.21

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.32
10th hour	\$59.32
Beyond 10 hours	\$59.32

Saturday

First 8 hours	\$59.32
9th hour	\$59.32
10th hour	\$59.32
Beyond 10 hours	\$59.32

Sunday/Holiday	\$72.72
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-C	Laborer	05/10/2024

Classification Description: Crock or pipe laborer, caisson worker

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.72	\$59.03	\$72.34
Apprentice: 0-1,000 hours	\$38.71	\$48.54	\$58.37
Apprentice: 1,001-2,000 hours	\$40.02	\$50.51	\$60.99
Apprentice: 2,001-3,000 hours	\$41.33	\$52.47	\$63.61
Apprentice: 3,001-4,000 hours	\$43.95	\$56.40	\$68.85

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.03
10th hour	\$59.03
Beyond 10 hours	\$59.03

Saturday

First 8 hours	\$59.03
9th hour	\$59.03
10th hour	\$59.03
Beyond 10 hours	\$59.03

Sunday/Holiday	\$72.34
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Boundary M-59 on the North, Pinckney Road and Dexter-Pinckney Road on the West, South of Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-C	Laborer	05/10/2024

Classification Description: Crock or pipe laborer, caisson worker

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.72	\$59.03	\$72.34
Apprentice: 0-1,000 hours	\$38.71	\$48.54	\$58.37
Apprentice: 1,001-2,000 hours	\$40.02	\$50.51	\$60.99
Apprentice: 2,001-3,000 hours	\$41.33	\$52.47	\$63.61
Apprentice: 3,001-4,000 hours	\$43.95	\$56.40	\$68.85

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.03
10th hour	\$59.03
Beyond 10 hours	\$59.03

Saturday

First 8 hours	\$59.03
9th hour	\$59.03
10th hour	\$59.03
Beyond 10 hours	\$59.03

Sunday/Holiday	\$72.34
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, and south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-C	Laborer	05/10/2024

Classification Description: Crock or pipe laborer, caisson worker

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.72	\$59.03	\$72.34
Apprentice: 0-1,000 hours	\$38.71	\$48.54	\$58.37
Apprentice: 1,001-2,000 hours	\$40.02	\$50.51	\$60.99
Apprentice: 2,001-3,000 hours	\$41.33	\$52.47	\$63.61
Apprentice: 3,001-4,000 hours	\$43.95	\$56.40	\$68.85

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.03
10th hour	\$59.03
Beyond 10 hours	\$59.03

Saturday

First 8 hours	\$59.03
9th hour	\$59.03
10th hour	\$59.03
Beyond 10 hours	\$59.03

Sunday/Holiday	\$72.34
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-C	Laborer	05/10/2024

Classification Description: Lansing Burner, Blaster & Powder Man; Air, electric Gasoline Tool Operator (Blast furnace work or battery work)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.96	\$65.77	\$80.57

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$65.77
10th hour	\$65.77
Beyond 10 hours	\$65.77

Saturday

First 8 hours	\$65.77
9th hour	\$65.77
10th hour	\$65.77
Beyond 10 hours	\$65.77

Sunday/Holiday	\$80.57
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday,

If conditions beyond the employer/employee's control prevent one or more hours of working during Mon-Fri, the employer may choose to work up to 10 hour straight time weekdays.

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-C	Laborer	05/10/2024

Classification Description: Lansing Burner, Blaster & Powder Man; Air, electric Gasoline Tool Operator (Blast furnace work or battery work)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.96	\$65.77	\$80.57

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$65.77
10th hour	\$65.77
Beyond 10 hours	\$65.77

Saturday

First 8 hours	\$65.77
9th hour	\$65.77
10th hour	\$65.77
Beyond 10 hours	\$65.77

Sunday/Holiday	\$80.57
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday,

If conditions beyond the employer/employee's control prevent one or more hours of working during Mon-Fri, the employer may choose to work up to 10 hour straight time weekdays.

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-C	Laborer	05/10/2024

Classification Description: Lansing Burner, Blaster & Powder Man; Air, electric Gasoline Tool Operator (Blast furnace work or battery work)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.96	\$65.77	\$80.57

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$65.77
10th hour	\$65.77
Beyond 10 hours	\$65.77

Saturday

First 8 hours	\$65.77
9th hour	\$65.77
10th hour	\$65.77
Beyond 10 hours	\$65.77

Sunday/Holiday	\$80.57
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday,

If conditions beyond the employer/employee's control prevent one or more hours of working during Mon-Fri, the employer may choose to work up to 10 hour straight time weekdays.

Additional Jurisdiction Detail: North of State Highway M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-D	Laborer	05/10/2024

Classification Description: Watchmen, Civil Engineer Helpers, or Rodmen

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.47	\$57.16	\$69.84
Apprentice: 0-1,000 hours	\$37.79	\$47.16	\$56.53
Apprentice: 1,001-2,000 hours	\$39.03	\$49.02	\$59.01
Apprentice: 2,001-3,000 hours	\$40.28	\$50.89	\$61.51
Apprentice: 3,001-4,000 hours	\$42.78	\$54.65	\$66.51

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$57.16
10th hour	\$57.16
Beyond 10 hours	\$57.16

Saturday

First 8 hours	\$57.16
9th hour	\$57.16
10th hour	\$57.16
Beyond 10 hours	\$57.16

Sunday/Holiday	\$69.84
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Boundary M-59 on the North, Pinckney Road and Dexter-Pinckney Road on the West, South of Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-D	Laborer	05/10/2024

Classification Description: Watchmen, Civil Engineer Helpers, or Rodmen

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.47	\$57.16	\$69.84
Apprentice: 0-1,000 hours	\$37.79	\$47.16	\$56.53
Apprentice: 1,001-2,000 hours	\$39.03	\$49.02	\$59.01
Apprentice: 2,001-3,000 hours	\$40.28	\$50.89	\$61.51
Apprentice: 3,001-4,000 hours	\$42.78	\$54.65	\$66.51

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$57.16
10th hour	\$57.16
Beyond 10 hours	\$57.16

Saturday

First 8 hours	\$57.16
9th hour	\$57.16
10th hour	\$57.16
Beyond 10 hours	\$57.16

Sunday/Holiday	\$69.84
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, and south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-D	Laborer	05/10/2024

Classification Description: Watchmen, Civil Engineer Helpers, or Rodmen

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.47	\$57.16	\$69.84
Apprentice: 0-1,000 hours	\$37.79	\$47.16	\$56.53
Apprentice: 1,001-2,000 hours	\$39.03	\$49.02	\$59.01
Apprentice: 2,001-3,000 hours	\$40.28	\$50.89	\$61.51
Apprentice: 3,001-4,000 hours	\$42.78	\$54.65	\$66.51

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$57.16
10th hour	\$57.16
Beyond 10 hours	\$57.16
Saturday	
First 8 hours	\$57.16
9th hour	\$57.16
10th hour	\$57.16
Beyond 10 hours	\$57.16
Sunday/Holiday	
	\$69.84

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-D	Laborer	05/10/2024

Classification Description: Furnance battery heater tender, burning bar & oxy-acetylene gun

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$50.67	\$65.33	\$79.99	Over 8-hour day/40-hour week
				9th hour \$65.33
				10th hour \$65.33
				Beyond 10 hours \$65.33
				Saturday
				First 8 hours \$65.33
				9th hour \$65.33
				10th hour \$65.33
				Beyond 10 hours \$65.33
				Sunday/Holiday \$79.99

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-D	Laborer	05/10/2024

Classification Description: Furnance battery heater tender, burning bar & oxy-acetylene gun

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$50.67	\$65.33	\$79.99	Over 8-hour day/40-hour week
				9th hour \$65.33
				10th hour \$65.33
				Beyond 10 hours \$65.33
				Saturday
				First 8 hours \$65.33
				9th hour \$65.33
				10th hour \$65.33
				Beyond 10 hours \$65.33
				Sunday/Holiday \$79.99

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-D	Laborer	05/10/2024

Classification Description: Furnance battery heater tender, burning bar & oxy-acetylene gun

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$50.67	\$65.33	\$79.99	Over 8-hour day/40-hour week
				9th hour \$65.33
				10th hour \$65.33
				Beyond 10 hours \$65.33
				Saturday
				First 8 hours \$65.33
				9th hour \$65.33
				10th hour \$65.33
				Beyond 10 hours \$65.33
				Sunday/Holiday \$79.99

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of State Highway M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-E	Laborer	05/10/2024

Classification Description: Cleaner/sweeper laborer, furniture laborer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.65	\$56.30	\$67.95

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$56.30
10th hour	\$56.30
Beyond 10 hours	\$56.30

Saturday

First 8 hours	\$56.30
9th hour	\$56.30
10th hour	\$56.30
Beyond 10 hours	\$56.30

Sunday/Holiday	\$67.95
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-E	Laborer	05/10/2024

Classification Description: Cleaner/sweeper laborer, furniture laborer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.65	\$56.30	\$67.95

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$56.30
10th hour	\$56.30
Beyond 10 hours	\$56.30

Saturday

First 8 hours	\$56.30
9th hour	\$56.30
10th hour	\$56.30
Beyond 10 hours	\$56.30

Sunday/Holiday	\$67.95
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-E	Laborer	05/10/2024

Classification Description: Cleaner/sweeper laborer, furniture laborer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.65	\$56.30	\$67.95

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$56.30
10th hour	\$56.30
Beyond 10 hours	\$56.30

Saturday

First 8 hours	\$56.30
9th hour	\$56.30
10th hour	\$56.30
Beyond 10 hours	\$56.30

Sunday/Holiday	\$67.95
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: North of State Highway M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-E	Laborer	05/10/2024

Classification Description: Final cleaning: washing or cleaning of walls, partitions, ceilings, windows, bathrooms, kitchens, laboratories and all fixtures and facilities therein. Clean-up mopping, washing, waxing and polishing or dusting of all floors or areas.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$42.02	\$53.48	\$64.94

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$53.48
10th hour	\$53.48
Beyond 10 hours	\$53.48

Saturday

First 8 hours	\$53.48
9th hour	\$53.48
10th hour	\$53.48
Beyond 10 hours	\$53.48

Sunday/Holiday	\$64.94
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Boundary M-59 on the North, Pinckney Road and Dexter-Pinckney Road on the West, South of Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-E	Laborer	05/10/2024

Classification Description: Final cleaning: washing or cleaning of walls, partitions, ceilings, windows, bathrooms, kitchens, laboratories and all fixtures and facilities therein. Clean-up mopping, washing, waxing and polishing or dusting of all floors or areas.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$42.02	\$53.48	\$64.94

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$53.48
10th hour	\$53.48
Beyond 10 hours	\$53.48

Saturday

First 8 hours	\$53.48
9th hour	\$53.48
10th hour	\$53.48
Beyond 10 hours	\$53.48

Sunday/Holiday	\$64.94
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, and south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-E	Laborer	05/10/2024

Classification Description: Final cleaning: washing or cleaning of walls, partitions, ceilings, windows, bathrooms, kitchens, laboratories and all fixtures and facilities therein. Clean-up mopping, washing, waxing and polishing or dusting of all floors or areas.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$42.02	\$53.48	\$64.94

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$53.48
10th hour	\$53.48
Beyond 10 hours	\$53.48

Saturday

First 8 hours	\$53.48
9th hour	\$53.48
10th hour	\$53.48
Beyond 10 hours	\$53.48

Sunday/Holiday	\$64.94
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: South of M-59, east of Oak Grove Rd, south from Howell to and including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-F	Laborer	05/10/2024

Classification Description: Expediter man, topman and/or bottom man (blast furnace work or battery work)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$51.51	\$66.69	\$81.87

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$66.59
10th hour	\$66.59
Beyond 10 hours	\$66.59

Saturday

First 8 hours	\$66.59
9th hour	\$66.59
10th hour	\$66.59
Beyond 10 hours	\$66.59

Sunday/Holiday	\$81.67
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-F	Laborer	05/10/2024

Classification Description: Expediter man, topman and/or bottom man (blast furnace work or battery work)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$51.51	\$66.69	\$81.87

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$66.59
10th hour	\$66.59
Beyond 10 hours	\$66.59

Saturday

First 8 hours	\$66.59
9th hour	\$66.59
10th hour	\$66.59
Beyond 10 hours	\$66.59

Sunday/Holiday

\$81.67

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-F	Laborer	05/10/2024

Classification Description: Expediter man, topman and/or bottom man (blast furnace work or battery work)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$51.51	\$66.69	\$81.87

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$66.59
10th hour	\$66.59
Beyond 10 hours	\$66.59

Saturday

First 8 hours	\$66.59
9th hour	\$66.59
10th hour	\$66.59
Beyond 10 hours	\$66.59

Sunday/Holiday	\$81.67
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: North of State Highway M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-W	Laborer	05/10/2024

Classification Description: Laborer -Wall and ceiling material handler, plasterer tender, mortar mixer and plastering machine operator

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$46.90	\$59.78	\$72.65
Apprentice: 0-1,000 Hours	\$40.46	\$55.20	\$69.93
Apprentice: 1,001-2,000 Hours	\$41.75	\$57.13	\$72.50
Apprentice: 2,001-3,000 Hours	\$43.04	\$59.06	\$75.08
Apprentice: 3,001-4,000 Hours	\$45.61	\$62.92	\$80.23

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.78
10th hour	\$59.78
Beyond 10 hours	\$59.78

Saturday

First 8 hours	\$59.78
9th hour	\$59.78
10th hour	\$59.78
Beyond 10 hours	\$59.78

Sunday/Holiday	\$72.65
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday make up day due to conditions beyond control or holiday

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-W	Laborer	05/10/2024

Classification Description: Laborer -Wall and ceiling material handler, plasterer tender, mortar mixer and plastering machine operator

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$46.90	\$59.78	\$72.65
Apprentice: 0-1,000 Hours	\$40.46	\$55.20	\$69.93
Apprentice: 1,001-2,000 Hours	\$41.75	\$57.13	\$72.50
Apprentice: 2,001-3,000 Hours	\$43.04	\$59.06	\$75.08
Apprentice: 3,001-4,000 Hours	\$45.61	\$62.92	\$80.23

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.78
10th hour	\$59.78
Beyond 10 hours	\$59.78

Saturday

First 8 hours	\$59.78
9th hour	\$59.78
10th hour	\$59.78
Beyond 10 hours	\$59.78

Sunday/Holiday	\$72.65
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday make up day due to conditions beyond control or holiday

Additional Jurisdiction Detail: North of M-59 and East of Oak Grove Road.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - A-W	Laborer	05/10/2024

Classification Description: Laborer -Wall and ceiling material handler, plasterer tender, mortar mixer and plastering machine operator

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$46.90	\$59.78	\$72.65
Apprentice: 0-1,000 Hours	\$40.46	\$55.20	\$69.93
Apprentice: 1,001-2,000 Hours	\$41.75	\$57.13	\$72.50
Apprentice: 2,001-3,000 Hours	\$43.04	\$59.06	\$75.08
Apprentice: 3,001-4,000 Hours	\$45.61	\$62.92	\$80.23

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.78
10th hour	\$59.78
Beyond 10 hours	\$59.78

Saturday

First 8 hours	\$59.78
9th hour	\$59.78
10th hour	\$59.78
Beyond 10 hours	\$59.78

Sunday/Holiday	\$72.65
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday make up day due to conditions beyond control or holiday

Additional Jurisdiction Detail: North of State Highway M-59 and East of Oak Grove Road

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Class 1 - RZ2	Laborer	05/10/2024

Classification Description: Laborer Road Class 1: asphalt shoveler or loader, yard man, fence erector tender, dumper, joint filling, form setting, form stripper, pavement reinforcing, waterproofing, seal coating, bridge painting, sandblasting, pressure grouting, RC equipment

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.39	\$58.38	\$71.36
Apprentice: 0-1,000 hours	\$38.90	\$48.64	\$58.38
Apprentice: 1,001-2,000 hours	\$40.20	\$50.59	\$60.98
Apprentice: 2,001-3,000 hours	\$41.49	\$52.52	\$63.56
Apprentice: 3,001-4,000 hours	\$44.09	\$56.42	\$68.76

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$58.38
10th hour	\$58.38
Beyond 10 hours	\$58.38
Saturday	
First 8 hours	\$58.38
9th hour	\$58.38
10th hour	\$58.38
Beyond 10 hours	\$58.38
Sunday/Holiday	
	\$71.36

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Class 2 - RZ2	Laborer	05/10/2024

Classification Description: Laborer Road Class 2: mixer operator, air or electric tool operator, spreader, boxman, concreter paddler, power chain saw operator, paving patch truck dumper, tunnel mucker, concrete saw operator, dry pack machine and roto-mill grounds person

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.59	\$58.18	\$71.26
Apprentice: 0-1,000 hours	\$39.05	\$48.36	\$58.18
Apprentice: 1,001-2,000 hours	\$40.36	\$50.33	\$60.80
Apprentice: 2,001-3,000 hours	\$41.66	\$52.28	\$63.40
Apprentice: 3,001-4,000 hours	\$44.28	\$56.21	\$68.64

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$58.68
10th hour	\$58.68
Beyond 10 hours	\$58.68
Saturday	
First 8 hours	\$58.68
9th hour	\$58.68
10th hour	\$58.68
Beyond 10 hours	\$58.68
Sunday/Holiday	
	\$71.76

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Class 3 - RZ2	Laborer	05/10/2024

Classification Description: Laborer Road Class 3: tunnel miner, finish tenders, guard rail builder, median barrier installer, earth retention barrier and wall installer, fence erector, bottom man, powder man, wagon drill and air track operator, curb and side rail setter

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.43	\$58.64	\$71.84
Apprentice: 0-1,000 hours	\$38.83	\$48.74	\$58.64
Apprentice: 1,001-2,000 hours	\$40.15	\$50.72	\$61.28
Apprentice: 2,001-3,000 hours	\$41.47	\$52.70	\$63.92
Apprentice: 3,001-4,000 hours	\$44.11	\$56.66	\$69.20

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$58.64
10th hour	\$58.64
Beyond 10 hours	\$58.64
Saturday	
First 8 hours	\$58.64
9th hour	\$58.64
10th hour	\$58.64
Beyond 10 hours	\$58.64
Sunday/Holiday	
	\$71.84

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Class 4 - RZ2	Laborer	05/10/2024

Classification Description: Laborer Road Class 4: asphalt raker

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$46.18	\$59.56	\$72.94
Apprentice: 0-1,000 hours	\$39.49	\$49.52	\$59.56
Apprentice: 1,001-2,000 hours	\$40.83	\$51.54	\$62.24
Apprentice: 2,001-3,000 hours	\$42.17	\$53.54	\$64.92
Apprentice: 3,001-4,000 hours	\$44.84	\$57.55	\$70.26

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.56
10th hour	\$59.56
Beyond 10 hours	\$59.56

Saturday

First 8 hours	\$59.56
9th hour	\$59.56
10th hour	\$59.56
Beyond 10 hours	\$59.56

Sunday/Holiday	\$72.94
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Class 5 - RZ2	Laborer	05/10/2024

Classification Description: Laborer Road Class 5: pipe layers, oxy-gun

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$46.05	\$59.37	\$72.68
Apprentice: 0-1,000 hours	\$39.39	\$49.38	\$59.36
Apprentice: 1,001-2,000 hours	\$40.72	\$51.37	\$62.02
Apprentice: 2,001-3,000 hours	\$42.06	\$53.38	\$64.70
Apprentice: 3,001-4,000 hours	\$44.72	\$57.37	\$70.02

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.37
10th hour	\$59.37
Beyond 10 hours	\$59.37

Saturday

First 8 hours	\$59.37
9th hour	\$59.37
10th hour	\$59.37
Beyond 10 hours	\$59.37

Sunday/Holiday	\$72.68
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Class 6 - RZ2	Laborer	05/10/2024

Classification Description: Laborer Road Class 6: line form setter for curb or pavement, asphalt screed checker/screw man on asphalt paving machines

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$46.39	\$59.88	\$73.36
Apprentice: 0-1,000 hours	\$39.65	\$49.76	\$59.88
Apprentice: 1,001-2,000 hours	\$41.00	\$51.79	\$62.58
Apprentice: 2,001-3,000 hours	\$42.34	\$53.80	\$65.26
Apprentice: 3,001-4,000 hours	\$45.04	\$57.85	\$70.66

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$59.88
10th hour	\$59.88
Beyond 10 hours	\$59.88

Saturday

First 8 hours	\$59.88
9th hour	\$59.88
10th hour	\$59.88
Beyond 10 hours	\$59.88

Sunday/Holiday	\$73.36
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Class 7 - RZ2	Laborer	05/10/2024

Classification Description: Laborer Road Class 7: concrete specialist - including finishing and trowling, cast in place or precast by any method

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$48.96	\$63.73	\$78.50
Apprentice: 0-1,000 hours	\$41.58	\$52.66	\$63.74
Apprentice: 1,001-2,000 hours	\$43.05	\$54.86	\$66.68
Apprentice: 2,001-3,000 hours	\$44.53	\$57.08	\$69.64
Apprentice: 3,001-4,000 hours	\$47.48	\$61.51	\$75.54

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$63.73
10th hour	\$63.73
Beyond 10 hours	\$63.73
Saturday	
First 8 hours	\$63.73
9th hour	\$63.73
10th hour	\$63.73
Beyond 10 hours	\$63.73
Sunday/Holiday	\$78.50

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - D	Laborer	05/10/2024

Classification Description: Laborer -- building and heavy construction craft laborer, portable concrete mixer operator, air, electric or gasoline tool operator, hot dope carrier, tar kettle tender, gasoline vibrators, concrete gas buggies, concrete saw, signal person and top person

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.05	\$50.48	\$62.90
Apprentice: 0-1,000 Hours	\$31.84	\$41.16	\$50.48
Apprentice: 1,001-2,000 Hours	\$33.08	\$43.02	\$52.96
Apprentice: 2,001-3,000 Hours	\$34.32	\$44.88	\$55.44
Apprentice: 3,001-4,000 Hours	\$36.81	\$48.62	\$60.42

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$50.48
10th hour	\$50.48
Beyond 10 hours	\$50.48

Saturday

First 8 hours	\$50.48
9th hour	\$50.48
10th hour	\$50.48
Beyond 10 hours	\$50.48

Sunday/Holiday	\$62.90
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Southeast portion of Livingston County South of M59 and East of Oak Grove Rd, South of Howell including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - J	Laborer	05/10/2024

Classification Description: Ground burner

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.18	\$50.67	\$63.16

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$50.67
10th hour	\$50.67
Beyond 10 hours	\$50.67

Saturday

First 8 hours	\$50.67
9th hour	\$50.67
10th hour	\$50.67
Beyond 10 hours	\$50.67

Sunday/Holiday	\$63.16
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Four 10-hour days allowed? - No

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Southeast portion of Livingston County South of M59 and East of Oak Grove Rd, South of Howell including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - L	Laborer	05/10/2024

Classification Description: Journey person - building and heavy construction craft laborer, portable concrete mixer operator, air, electric or gasoline tool operator, hot dope carrier, tar kettle tender, gasoline vibrators, concrete gas buggies, concrete saw, signal person and top pe

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.53	\$51.20	\$63.86
Apprentice: 0-1,000 hours	\$32.20	\$41.70	\$51.20
Apprentice: 1,001-2,000 hours	\$33.46	\$43.60	\$53.73
Apprentice: 2,001-3,000 hours	\$34.73	\$45.50	\$56.26
Apprentice: 3,001-4,000 hours	\$37.26	\$49.30	\$61.33

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$51.20
10th hour	\$51.20
Beyond 10 hours	\$51.20
Saturday	
First 8 hours	\$51.20
9th hour	\$51.20
10th hour	\$51.20
Beyond 10 hours	\$51.20
Sunday/Holiday	
	\$63.86

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: West of Oak Grove Rd to west Pinckney Rd and Dexter Pinckney Rd including the city of Howell

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - M-A	Laborer	05/10/2024

Classification Description: Construction Laborer, Carpenter Tender, Concrete Laborer, Concrete Chute, Bucket Handler. Demolition

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$49.48	\$66.40	\$83.41
Apprentice: 0-1,000 work hours	\$39.67	\$51.90	\$64.14
Apprentice: 1,001-2,000 work hours	\$41.01	\$53.92	\$66.82
Apprentice: 2,001-3,000 work hours	\$42.35	\$55.92	\$69.50
Apprentice: 3,001-4,000 work hours	\$45.02	\$59.93	\$74.84

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$64.30
10th hour	\$64.30
Beyond 10 hours	\$64.30

Saturday

First 8 hours	\$64.30
9th hour	\$64.30
10th hour	\$64.30
Beyond 10 hours	\$64.30

Sunday/Holiday \$79.11

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Southeast portion of Livingston County South of M59 and East of Oak Grove Rd, South of Howell including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - M-B	Laborer	05/10/2024

Classification Description: Mortar Mixer (inc. concrete & mortar 1/2 cu yd. or smaller machine, or by hand in mortar box); Mason Tender & Cement Mason Tender; Plasterer Tender, Portable Mixer Operator, and Air, Electric & Gasoline Tool Operator (inc. concrete vibrator & acetylene torc

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.05	\$67.08	\$84.20

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$64.98
10th hour	\$64.98
Beyond 10 hours	\$64.98

Saturday

First 8 hours	\$64.98
9th hour	\$64.98
10th hour	\$64.98
Beyond 10 hours	\$64.98

Sunday/Holiday	\$79.90
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Southeast portion of Livingston County South of M59 and East of Oak Grove Rd, South of Howell including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - M-C	Laborer	05/10/2024

Classification Description: Hazardous Work: Employees required to wear acid resistant clothing, heat resistant clothing or radiation protective clothing

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Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.39	\$67.59	\$84.88

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$65.49
10th hour	\$65.49
Beyond 10 hours	\$65.49
Saturday	
First 8 hours	\$65.49
9th hour	\$65.49
10th hour	\$65.49
Beyond 10 hours	\$65.49
Sunday/Holiday	
	\$80.58

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Southeast portion of Livingston County South of M59 and East of Oak Grove Rd, South of Howell including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - M-D	Laborer	05/10/2024

Classification Description: Cleaner/Sweeper Laborer; Furniture Laborer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.17	\$56.06	\$68.04

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$56.16
10th hour	\$56.16
Beyond 10 hours	\$56.16

Saturday

First 8 hours	\$56.16
9th hour	\$56.16
10th hour	\$56.16
Beyond 10 hours	\$56.16

Sunday/Holiday	\$68.14
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Saturday

Additional Jurisdiction Detail: Southeast portion of Livingston County South of M59 and East of Oak Grove Rd, South of Howell including Pinckney

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Hazardous - Class A - Z2	Laborer - Hazardous	05/10/2024

Classification Description: Class A Laborer - performing work in conjunction with site preparation and other preliminary work prior to actual removal, handling, or containment of hazardous waste substances not requiring use of personal protective equipment required by state or feder

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$46.90	\$64.85	\$82.80
Apprentice: 0-1,000 work hours	\$40.46	\$55.19	\$69.92
Apprentice: 1,001-2,000 work hours	\$41.75	\$57.13	\$72.50
Apprentice: 2,001-3,000 work hours	\$43.04	\$59.07	\$75.08
Apprentice: 3,001-4,000 work hours	\$45.61	\$62.92	\$80.22

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$59.78
10th hour	\$59.78
Beyond 10 hours	\$59.78
Saturday	
First 8 hours	\$59.78
9th hour	\$59.78
10th hour	\$59.78
Beyond 10 hours	\$59.78
Sunday/Holiday	\$72.65

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th or T-F; inclement weather makeup day Friday

Additional Jurisdiction Detail: the Northeast portion, bordered by Oak Grove Road on the west and M-59 on the south

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Hazardous - Class A - Z2	Laborer - Hazardous	05/10/2024

Classification Description: Class A Laborer - performing work in conjunction with site preparation and other preliminary work prior to actual removal, handling, or containment of hazardous waste substances not requiring use of personal protective equipment required by state or feder

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$46.90	\$64.85	\$82.80
Apprentice: 0-1,000 work hours	\$40.46	\$55.19	\$69.92
Apprentice: 1,001-2,000 work hours	\$41.75	\$57.13	\$72.50
Apprentice: 2,001-3,000 work hours	\$43.04	\$59.07	\$75.08
Apprentice: 3,001-4,000 work hours	\$45.61	\$62.92	\$80.22

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$59.78
10th hour	\$59.78
Beyond 10 hours	\$59.78
Saturday	
First 8 hours	\$59.78
9th hour	\$59.78
10th hour	\$59.78
Beyond 10 hours	\$59.78
Sunday/Holiday	\$72.65

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th or T-F; inclement weather makeup day Friday

Additional Jurisdiction Detail: the Northeast portion, bordered by Oak Grove Road on the west and M-59 on the south.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Hazardous - Class A - Z3	Laborer - Hazardous	05/10/2024

Classification Description: Class A performing work in conjunction with site preparation and other preliminary work prior to actual removal, handling, or containment of hazardous waste substances not requiring use of personal protective equipment required by state or federal regulat

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$45.36	\$62.74	\$80.12
Apprentice: 0-1,000 work hours	\$38.80	\$52.90	\$67.00
Apprentice: 1,001-2,000 work hours	\$40.11	\$54.87	\$69.62
Apprentice: 2,001-3,000 work hours	\$41.42	\$56.83	\$72.24
Apprentice: 3,001-4,000 work hours	\$44.05	\$60.77	\$77.50

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$58.49
10th hour	\$58.49
Beyond 10 hours	\$58.49

Saturday

First 8 hours	\$58.49
9th hour	\$58.49
10th hour	\$58.49
Beyond 10 hours	\$58.49

Sunday/Holiday	\$71.62
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th or T-F; inclement weather makeup day Friday

Additional Jurisdiction Detail: the Southeastern part, east of Oak Grove Road, excluding the city of Howell and South of M-59.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Hazardous - Class A - Z6	Laborer - Hazardous	05/10/2024

Classification Description: Class A Laborer - performing work in conjunction with site preparation and other preliminary work prior to actual removal, handling, or containment of hazardous waste substances not requiring use of personal protective equipment required by state or feder

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.53	\$51.20	\$63.86
Apprentice: 0-1,000 work hours	\$32.20	\$41.70	\$51.20
Apprentice: 1,001-2,000 work hours	\$33.46	\$47.09	\$60.72
Apprentice: 2,001-3,000 work hours	\$34.73	\$45.50	\$56.26
Apprentice: 3,001-4,000 work hours	\$37.26	\$49.29	\$61.32

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$51.20
10th hour	\$51.20
Beyond 10 hours	\$51.20
Saturday	
First 8 hours	\$51.20
9th hour	\$51.20
10th hour	\$51.20
Beyond 10 hours	\$51.20
Sunday/Holiday	\$63.86

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th or T-F; inclement weather makeup day Friday

Additional Jurisdiction Detail: the western part, west of Oak Grove Road; the entire city of Howell

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Hazardous - Class A - Z6	Laborer - Hazardous	05/10/2024

Classification Description: Class A Laborer - performing work in conjunction with site preparation and other preliminary work prior to actual removal, handling, or containment of hazardous waste substances not requiring use of personal protective equipment required by state or feder

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.53	\$51.20	\$63.86
Apprentice: 0-1,000 work hours	\$32.20	\$41.70	\$51.20
Apprentice: 1,001-2,000 work hours	\$33.46	\$47.09	\$60.72
Apprentice: 2,001-3,000 work hours	\$34.73	\$45.50	\$56.26
Apprentice: 3,001-4,000 work hours	\$37.26	\$49.29	\$61.32

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$51.20
10th hour	\$51.20
Beyond 10 hours	\$51.20
Saturday	
First 8 hours	\$51.20
9th hour	\$51.20
10th hour	\$51.20
Beyond 10 hours	\$51.20
Sunday/Holiday	\$63.86

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th or T-F; inclement weather makeup day Friday

Additional Jurisdiction Detail: the western part, west of Oak Grove Road; the entire city of Howell.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Hazardous - Class B - Z2	Laborer - Hazardous	05/10/2024

Classification Description: Class B Laborer - performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$47.90	\$66.35	\$84.80	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$41.21	\$56.32	\$71.42	9th hour \$61.28
Apprentice: 1,001-2,000 work hours	\$42.55	\$58.33	\$74.10	10th hour \$61.28
Apprentice: 2,001-3,000 work hours	\$43.89	\$60.34	\$76.78	Beyond 10 hours \$61.28
Apprentice: 3,001-4,000 work hours	\$46.56	\$64.35	\$82.12	Saturday
				First 8 hours \$61.28
				9th hour \$61.28
				10th hour \$61.28
				Beyond 10 hours \$61.28
				Sunday/Holiday \$74.65

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th or T-F; inclement weather makeup day Friday

Additional Jurisdiction Detail: the Northeast portion, bordered by Oak Grove Road on the west and M-59 on the south

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Hazardous - Class B - Z2	Laborer - Hazardous	05/10/2024

Classification Description: Class B Laborer - performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$47.90	\$66.35	\$84.80
Apprentice: 0-1,000 work hours	\$41.21	\$56.32	\$71.42
Apprentice: 1,001-2,000 work hours	\$42.55	\$58.33	\$74.10
Apprentice: 2,001-3,000 work hours	\$43.89	\$60.34	\$76.78
Apprentice: 3,001-4,000 work hours	\$46.56	\$64.35	\$82.12

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$61.28
10th hour	\$61.28
Beyond 10 hours	\$61.28
Saturday	
First 8 hours	\$61.28
9th hour	\$61.28
10th hour	\$61.28
Beyond 10 hours	\$61.28
Sunday/Holiday	\$74.65

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th or T-F; inclement weather makeup day Friday

Additional Jurisdiction Detail: the Northeast portion, bordered by Oak Grove Road on the west and M-59 on the south.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Hazardous - Class B - Z3	Laborer - Hazardous	05/10/2024

Classification Description: Class B performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$46.36	\$64.24	\$82.12	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$39.54	\$54.01	\$68.48	9th hour \$59.99
Apprentice: 1,001-2,000 work hours	\$40.91	\$56.07	\$71.22	10th hour \$59.99
Apprentice: 2,001-3,000 work hours	\$42.27	\$58.11	\$73.94	Beyond 10 hours \$59.99
Apprentice: 3,001-4,000 work hours	\$45.00	\$62.20	\$79.40	Saturday
				First 8 hours \$59.99
				9th hour \$59.99
				10th hour \$59.99
				Beyond 10 hours \$59.99
				Sunday/Holiday \$73.62

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th or T-F; inclement weather makeup day Friday

Additional Jurisdiction Detail: the Southeastern part, east of Oak Grove Road, excluding the city of Howell and South of M-59.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Hazardous - Class B - Z6	Laborer - Hazardous	05/10/2024

Classification Description: Class B Laborer - performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$39.53	\$52.70	\$65.86	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$32.95	\$42.82	\$52.70	9th hour \$52.70
Apprentice: 1,001-2,000 work hours	\$34.26	\$44.79	\$55.32	10th hour \$52.70
Apprentice: 2,001-3,000 work hours	\$35.58	\$46.77	\$57.96	Beyond 10 hours \$52.70
Apprentice: 3,001-4,000 work hours	\$38.21	\$50.72	\$63.22	Saturday
				First 8 hours \$52.70
				9th hour \$52.70
				10th hour \$52.70
				Beyond 10 hours \$52.70
				Sunday/Holiday \$65.86

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th or T-F; inclement weather makeup day Friday

Additional Jurisdiction Detail: the western part, west of Oak Grove Road; the entire city of Howell

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Hazardous - Class B - Z6	Laborer - Hazardous	05/10/2024

Classification Description: Class B Laborer - performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$39.53	\$52.70	\$65.86	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$32.95	\$42.82	\$52.70	9th hour \$52.70
Apprentice: 1,001-2,000 work hours	\$34.26	\$44.79	\$55.32	10th hour \$52.70
Apprentice: 2,001-3,000 work hours	\$35.58	\$46.77	\$57.96	Beyond 10 hours \$52.70
Apprentice: 3,001-4,000 work hours	\$38.21	\$50.72	\$63.22	Saturday
				First 8 hours \$52.70
				9th hour \$52.70
				10th hour \$52.70
				Beyond 10 hours \$52.70
				Sunday/Holiday \$65.86

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th or T-F; inclement weather makeup day Friday

Additional Jurisdiction Detail: the western part, west of Oak Grove Road; the entire city of Howell.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Landscape - Class B1 - Z1	Laborer - Landscape	05/10/2024

Classification Description: Class B1: Landscape Operator includes air, gas, and diesel equipment operator, lawn sprinkler installer, skidsteer, mini excavators, backhoe loaders, ride and walk behind trenchers, off road dump vehicle, articulated haulers, hydroseeder, wheel loaders

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$32.40	\$42.43	\$52.95

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$42.93
10th hour	\$42.93
Beyond 10 hours	\$42.93

Saturday

First 8 hours	\$42.93
9th hour	\$42.93
10th hour	\$42.93
Beyond 10 hours	\$42.93

Sunday/Holiday	\$53.45
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Landscape - Class B1 - Z1	Laborer - Landscape	05/10/2024

Classification Description: Class B1: Landscape Operator includes air, gas, and diesel equipment operator, lawn sprinkler installer, skidsteer, mini excavators, backhoe loaders, ride and walk behind trenchers, off road dump vehicle, articulated haulers, hydroseeder, wheel loaders

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$34.62	\$46.26	\$57.89

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$11.35
10th hour	\$46.26
Beyond 10 hours	\$46.26

Saturday

First 8 hours	\$46.26
9th hour	\$46.26
10th hour	\$46.26
Beyond 10 hours	\$46.26

Sunday/Holiday	\$57.89
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Landscape - Class B2 - Z1	Laborer - Landscape	05/10/2024

Classification Description: Class B2: Skilled Landscape Laborer: small power tool operator, lawn sprinkler installers' tender, irrigation installers' tender, material mover

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$30.40	\$39.93	\$49.45

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$39.93
10th hour	\$39.93
Beyond 10 hours	\$39.93

Saturday

First 8 hours	\$39.93
9th hour	\$39.93
10th hour	\$39.93
Beyond 10 hours	\$39.93

Sunday/Holiday	\$49.45
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Landscape - Class C - Z2	Laborer - Landscape	05/10/2024

Classification Description: Class C: landscape laborer with 90 or more calendar days worked

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$24.66	\$33.27	\$41.87

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$31.98
10th hour	\$31.98
Beyond 10 hours	\$31.98

Saturday

First 8 hours	\$31.98
9th hour	\$31.98
10th hour	\$31.98
Beyond 10 hours	\$31.98

Sunday/Holiday	\$39.30
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer - Landscape - Class D - Z2	Laborer - Landscape	05/10/2024

Classification Description: Class D: Inexperienced landscape laborer - individual who has worked less than 90 calendar days

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$15.54	\$23.31	\$31.08

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$22.03
10th hour	\$22.03
Beyond 10 hours	\$22.03

Saturday

First 8 hours	\$22.03
9th hour	\$22.03
10th hour	\$22.03
Beyond 10 hours	\$22.03

Sunday/Holiday	\$28.51
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Laborer Underground - Caisson - Class I - Z2	Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class I - Tunnel, shaft and caisson laborer, dump man, shanty man, hog house tender, testing man (on gas), and watchman.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.97	\$50.26	\$61.54
Apprentice: 0-1,000 work hours	\$32.85	\$42.64	\$52.43
Apprentice: 1,001-2,000 work hours	\$33.97	\$44.32	\$54.67
Apprentice: 2,001-3,000 work hours	\$35.08	\$45.99	\$56.89
Apprentice: 3,001-4,000 work hours	\$37.31	\$49.33	\$61.35

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$50.26
10th hour	\$50.26
Beyond 10 hours	\$50.26
Saturday	
First 8 hours	\$50.26
9th hour	\$50.26
10th hour	\$50.26
Beyond 10 hours	\$50.26
Sunday/Holiday	
	\$61.54

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class I - Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class I - Tunnel, shaft and caisson laborer, dump man, shanty man, hog house tender, testing man (on gas), and watchman.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.97	\$50.26	\$61.54
Apprentice: 0-1,000 work hours	\$32.85	\$42.64	\$52.43
Apprentice: 1,001-2,000 work hours	\$33.97	\$44.32	\$54.67
Apprentice: 2,001-3,000 work hours	\$35.08	\$45.99	\$56.89
Apprentice: 3,001-4,000 work hours	\$37.31	\$49.33	\$61.35

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$50.26
10th hour	\$50.26
Beyond 10 hours	\$50.26
Saturday	
First 8 hours	\$50.26
9th hour	\$50.26
10th hour	\$50.26
Beyond 10 hours	\$50.26
Sunday/Holiday	
	\$61.54

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class II - Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class II - Manhole, headwall, catch basin builder, bricklayer tender, mortar man, material mixer, fence erector, and guard rail builder

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.06	\$50.39	\$61.72
Apprentice: 0-1,000 work hours	\$32.92	\$42.75	\$52.57
Apprentice: 1,001-2,000 work hours	\$34.04	\$44.43	\$54.81
Apprentice: 2,001-3,000 work hours	\$35.16	\$46.11	\$57.05
Apprentice: 3,001-4,000 work hours	\$37.39	\$49.45	\$61.51

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$50.39
10th hour	\$50.39
Beyond 10 hours	\$50.39
Saturday	
First 8 hours	\$50.39
9th hour	\$50.39
10th hour	\$50.39
Beyond 10 hours	\$50.39
Sunday/Holiday	
	\$61.72

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class II - Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class II - Manhole, headwall, catch basin builder, bricklayer tender, mortar man, material mixer, fence erector, and guard rail builder

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.06	\$50.39	\$61.72
Apprentice: 0-1,000 work hours	\$32.92	\$42.75	\$52.57
Apprentice: 1,001-2,000 work hours	\$34.04	\$44.43	\$54.81
Apprentice: 2,001-3,000 work hours	\$35.16	\$46.11	\$57.05
Apprentice: 3,001-4,000 work hours	\$37.39	\$49.45	\$61.51

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$50.39
10th hour	\$50.39
Beyond 10 hours	\$50.39
Saturday	
First 8 hours	\$50.39
9th hour	\$50.39
10th hour	\$50.39
Beyond 10 hours	\$50.39
Sunday/Holiday	
	\$61.72

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class III -Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class III - Air tool operator (jack hammer man, bush hammer man and grinding man), first bottom man, second bottom man, cage tender, car pusher, carrier man, concrete man, concrete form man, concrete repair man, cement invert laborer, cement finisher, con

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.16	\$50.54	\$61.92
Apprentice: 0-1,000 work hours	\$32.99	\$42.85	\$52.71
Apprentice: 1,001-2,000 work hours	\$34.12	\$44.55	\$54.97
Apprentice: 2,001-3,000 work hours	\$35.24	\$46.23	\$57.21
Apprentice: 3,001-4,000 work hours	\$37.49	\$49.60	\$61.71

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$50.54
10th hour	\$50.54
Beyond 10 hours	\$50.54
Saturday	
First 8 hours	\$50.54
9th hour	\$50.54
10th hour	\$50.54
Beyond 10 hours	\$50.54
Sunday/Holiday	
	\$61.92

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class III -Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class III - Air tool operator (jack hammer man, bush hammer man and grinding man), first bottom man, second bottom man, cage tender, car pusher, carrier man, concrete man, concrete form man, concrete repair man, cement invert laborer, cement finisher, con

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.16	\$50.54	\$61.92
Apprentice: 0-1,000 work hours	\$32.99	\$42.85	\$52.71
Apprentice: 1,001-2,000 work hours	\$34.12	\$44.55	\$54.97
Apprentice: 2,001-3,000 work hours	\$35.24	\$46.23	\$57.21
Apprentice: 3,001-4,000 work hours	\$37.49	\$49.60	\$61.71

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$50.54
10th hour	\$50.54
Beyond 10 hours	\$50.54
Saturday	
First 8 hours	\$50.54
9th hour	\$50.54
10th hour	\$50.54
Beyond 10 hours	\$50.54
Sunday/Holiday	
	\$61.92

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class IV -Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class IV - Tunnel, shaft and caisson mucker, bracer man, liner plate man, long haul dinky driver and well point man.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.58	\$51.17	\$62.76
Apprentice: 0-1,000 work hours	\$33.11	\$43.03	\$52.95
Apprentice: 1,001-2,000 work hours	\$34.25	\$44.74	\$55.23
Apprentice: 2,001-3,000 work hours	\$35.38	\$46.43	\$57.49
Apprentice: 3,001-4,000 work hours	\$37.64	\$49.83	\$62.01

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$51.17
10th hour	\$51.17
Beyond 10 hours	\$51.17
Saturday	
First 8 hours	\$51.17
9th hour	\$51.17
10th hour	\$51.17
Beyond 10 hours	\$51.17
Sunday/Holiday	
	\$62.76

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class IV -Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class IV - Tunnel, shaft and caisson mucker, bracer man, liner plate man, long haul dinky driver and well point man.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.58	\$51.17	\$62.76
Apprentice: 0-1,000 work hours	\$33.11	\$43.03	\$52.95
Apprentice: 1,001-2,000 work hours	\$34.25	\$44.74	\$55.23
Apprentice: 2,001-3,000 work hours	\$35.38	\$46.43	\$57.49
Apprentice: 3,001-4,000 work hours	\$37.64	\$49.83	\$62.01

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$51.17
10th hour	\$51.17
Beyond 10 hours	\$51.17
Saturday	
First 8 hours	\$51.17
9th hour	\$51.17
10th hour	\$51.17
Beyond 10 hours	\$51.17
Sunday/Holiday	
	\$62.76

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class V -Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class V - Tunnel, shaft and caisson miner, drill runner, keyboard operator, power knife operator, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.58	\$51.17	\$62.76
Apprentice: 0-1,000 work hours	\$33.31	\$43.33	\$53.35
Apprentice: 1,001-2,000 work hours	\$34.45	\$45.04	\$55.63
Apprentice: 2,001-3,000 work hours	\$35.60	\$46.77	\$57.93
Apprentice: 3,001-4,000 work hours	\$37.89	\$50.20	\$62.51

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$51.17
10th hour	\$51.17
Beyond 10 hours	\$51.17
Saturday	
First 8 hours	\$51.17
9th hour	\$51.17
10th hour	\$51.17
Beyond 10 hours	\$51.17
Sunday/Holiday	
	\$62.76

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class V -Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class V - Tunnel, shaft and caisson miner, drill runner, keyboard operator, power knife operator, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.58	\$51.17	\$62.76
Apprentice: 0-1,000 work hours	\$33.31	\$43.33	\$53.35
Apprentice: 1,001-2,000 work hours	\$34.45	\$45.04	\$55.63
Apprentice: 2,001-3,000 work hours	\$35.60	\$46.77	\$57.93
Apprentice: 3,001-4,000 work hours	\$37.89	\$50.20	\$62.51

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$51.17
10th hour	\$51.17
Beyond 10 hours	\$51.17
Saturday	
First 8 hours	\$51.17
9th hour	\$51.17
10th hour	\$51.17
Beyond 10 hours	\$51.17
Sunday/Holiday	
	\$62.76

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class VI - Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class VI - Dynamite man and powder man.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.34	\$52.38	\$65.41
Apprentice: 0-1,000 work hours	\$33.54	\$43.67	\$53.81
Apprentice: 1,001-2,000 work hours	\$34.70	\$45.41	\$56.13
Apprentice: 2,001-3,000 work hours	\$35.86	\$47.15	\$58.45
Apprentice: 3,001-4,000 work hours	\$38.18	\$50.63	\$63.09

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$50.94
10th hour	\$50.94
Beyond 10 hours	\$50.94
Saturday	
First 8 hours	\$50.94
9th hour	\$50.94
10th hour	\$50.94
Beyond 10 hours	\$50.94
Sunday/Holiday	
	\$62.53

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class VI - Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class VI - Dynamite man and powder man.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.34	\$52.38	\$65.41
Apprentice: 0-1,000 work hours	\$33.54	\$43.67	\$53.81
Apprentice: 1,001-2,000 work hours	\$34.70	\$45.41	\$56.13
Apprentice: 2,001-3,000 work hours	\$35.86	\$47.15	\$58.45
Apprentice: 3,001-4,000 work hours	\$38.18	\$50.63	\$63.09

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$50.94
10th hour	\$50.94
Beyond 10 hours	\$50.94
Saturday	
First 8 hours	\$50.94
9th hour	\$50.94
10th hour	\$50.94
Beyond 10 hours	\$50.94
Sunday/Holiday	
	\$62.53

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class VII - Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class VII - Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes and flagstones.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$32.16	\$40.04	\$47.92
Apprentice: 0-1,000 work hours	\$27.75	\$34.99	\$42.23
Apprentice: 1,001-2,000 work hours	\$28.52	\$36.15	\$43.77
Apprentice: 2,001-3,000 work hours	\$29.29	\$37.30	\$45.31
Apprentice: 3,001-4,000 work hours	\$30.84	\$39.63	\$48.41

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$40.04
10th hour	\$40.04
Beyond 10 hours	\$40.04
Saturday	
First 8 hours	\$40.04
9th hour	\$40.04
10th hour	\$40.04
Beyond 10 hours	\$40.04
Sunday/Holiday	
	\$47.92

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer Underground - Tunnel, Shaft & Caisson - Class VII - Z2	Laborer Underground - Tunnel, Shaft & Caisson	05/10/2024

Classification Description: Class VII - Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes and flagstones.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$32.16	\$40.04	\$47.92	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$27.75	\$34.99	\$42.23	9th hour \$40.04
Apprentice: 1,001-2,000 work hours	\$28.52	\$36.15	\$43.77	10th hour \$40.04
Apprentice: 2,001-3,000 work hours	\$29.29	\$37.30	\$45.31	Beyond 10 hours \$40.04
Apprentice: 3,001-4,000 work hours	\$30.84	\$39.63	\$48.41	Saturday
				First 8 hours \$40.04
				9th hour \$40.04
				10th hour \$40.04
				Beyond 10 hours \$40.04
				Sunday/Holiday \$47.92

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class I - Z2	Laborer -Underground Open Cut, Class I	05/10/2024

Classification Description: Construction Laborer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.17	\$50.57	\$62.97
Apprentice: 0-1,000 work hours	\$32.74	\$42.42	\$52.11
Apprentice: 1,001-2,000 work hours	\$33.83	\$44.06	\$54.29
Apprentice: 2,001-3,000 work hours	\$34.91	\$45.68	\$56.45
Apprentice: 3,001-4,000 work hours	\$37.09	\$48.95	\$60.81

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$49.02
10th hour	\$49.02
Beyond 10 hours	\$49.02
Saturday	
First 8 hours	\$49.02
9th hour	\$49.02
10th hour	\$49.02
Beyond 10 hours	\$49.02
Sunday/Holiday	
	\$59.87

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class I - Z2	Laborer -Underground Open Cut, Class I	05/10/2024

Classification Description: Construction Laborer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.17	\$50.57	\$62.97
Apprentice: 0-1,000 work hours	\$32.74	\$42.42	\$52.11
Apprentice: 1,001-2,000 work hours	\$33.83	\$44.06	\$54.29
Apprentice: 2,001-3,000 work hours	\$34.91	\$45.68	\$56.45
Apprentice: 3,001-4,000 work hours	\$37.09	\$48.95	\$60.81

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$49.02
10th hour	\$49.02
Beyond 10 hours	\$49.02
Saturday	
First 8 hours	\$49.02
9th hour	\$49.02
10th hour	\$49.02
Beyond 10 hours	\$49.02
Sunday/Holiday	
	\$59.87

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class I - Z3	Laborer -Underground Open Cut, Class I	05/10/2024

Classification Description: Construction Laborer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$36.91	\$47.01	\$57.10
Apprentice: 0-1,000 work hours	\$31.39	\$40.40	\$49.41
Apprentice: 1,001-2,000 work hours	\$32.38	\$41.88	\$51.39
Apprentice: 2,001-3,000 work hours	\$33.38	\$43.38	\$53.39
Apprentice: 3,001-4,000 work hours	\$35.37	\$46.37	\$57.37

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$47.01
10th hour	\$47.01
Beyond 10 hours	\$47.01
Saturday	
First 8 hours	\$47.01
9th hour	\$47.01
10th hour	\$47.01
Beyond 10 hours	\$47.01
Sunday/Holiday	
	\$57.10

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class II - Z2	Laborer -Underground Open Cut, Class II	05/10/2024

Classification Description: Mortar and material mixer, concrete form man, signal man, well point man, manhole, headwall and catch basin builder, guard rail builders, headwall, seawall, breakwall, dock builder and fence erector.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.28	\$50.74	\$63.19
Apprentice: 0-1,000 work hours	\$32.83	\$42.56	\$52.29
Apprentice: 1,001-2,000 work hours	\$33.92	\$44.20	\$54.47
Apprentice: 2,001-3,000 work hours	\$35.01	\$45.83	\$56.65
Apprentice: 3,001-4,000 work hours	\$37.19	\$49.10	\$61.01

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$49.19
10th hour	\$49.19
Beyond 10 hours	\$49.19
Saturday	
First 8 hours	\$49.19
9th hour	\$49.19
10th hour	\$49.19
Beyond 10 hours	\$49.19
Sunday/Holiday	
	\$60.09

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class II - Z2	Laborer -Underground Open Cut, Class II	05/10/2024

Classification Description: Mortar and material mixer, concrete form man, signal man, well point man, manhole, headwall and catch basin builder, guard rail builders, headwall, seawall, breakwall, dock builder and fence erector.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$38.28	\$50.74	\$63.19	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$32.83	\$42.56	\$52.29	9th hour \$49.19
Apprentice: 1,001-2,000 work hours	\$33.92	\$44.20	\$54.47	10th hour \$49.19
Apprentice: 2,001-3,000 work hours	\$35.01	\$45.83	\$56.65	Beyond 10 hours \$49.19
Apprentice: 3,001-4,000 work hours	\$37.19	\$49.10	\$61.01	Saturday
				First 8 hours \$49.19
				9th hour \$49.19
				10th hour \$49.19
				Beyond 10 hours \$49.19
				Sunday/Holiday \$60.09

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class II - Z3	Laborer -Underground Open Cut, Class II	05/10/2024

Classification Description: Mortar and material mixer, concrete form man, signal man, well point man, manhole, headwall and catch basin builder, guard rail builders, headwall, seawall, breakwall, dock builder and fence erector.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$37.05	\$47.22	\$57.38
Apprentice: 0-1,000 work hours	\$31.49	\$40.55	\$49.61
Apprentice: 1,001-2,000 work hours	\$32.49	\$42.05	\$51.61
Apprentice: 2,001-3,000 work hours	\$33.50	\$43.56	\$53.63
Apprentice: 3,001-4,000 work hours	\$35.50	\$46.56	\$57.63

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$47.22
10th hour	\$47.22
Beyond 10 hours	\$47.22
Saturday	
First 8 hours	\$47.22
9th hour	\$47.22
10th hour	\$47.22
Beyond 10 hours	\$47.22
Sunday/Holiday	
	\$57.38

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class III - Z2	Laborer -Underground Open Cut, Class III	05/10/2024

Classification Description: Air, gasoline and electric tool operator, vibrator operator, drillers, pump man, tar kettle operator, bracers, rodder, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars, etc.), cement finisher, welder, pipe jacking and boring man, wagon

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.40	\$50.92	\$63.43
Apprentice: 0-1,000 work hours	\$32.92	\$42.70	\$52.47
Apprentice: 1,001-2,000 work hours	\$34.01	\$44.33	\$54.65
Apprentice: 2,001-3,000 work hours	\$35.11	\$45.98	\$56.85
Apprentice: 3,001-4,000 work hours	\$37.30	\$49.26	\$61.23

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$49.37
10th hour	\$49.37
Beyond 10 hours	\$49.37
Saturday	
First 8 hours	\$49.37
9th hour	\$49.37
10th hour	\$49.37
Beyond 10 hours	\$49.37
Sunday/Holiday	
	\$60.33

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class III - Z2	Laborer -Underground Open Cut, Class III	05/10/2024

Classification Description: Air, gasoline and electric tool operator, vibrator operator, drillers, pump man, tar kettle operator, bracers, rodder, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars, etc.), cement finisher, welder, pipe jacking and boring man, wagon

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.40	\$50.92	\$63.43
Apprentice: 0-1,000 work hours	\$32.92	\$42.70	\$52.47
Apprentice: 1,001-2,000 work hours	\$34.01	\$44.33	\$54.65
Apprentice: 2,001-3,000 work hours	\$35.11	\$45.98	\$56.85
Apprentice: 3,001-4,000 work hours	\$37.30	\$49.26	\$61.23

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$49.37
10th hour	\$49.37
Beyond 10 hours	\$49.37
Saturday	
First 8 hours	\$49.37
9th hour	\$49.37
10th hour	\$49.37
Beyond 10 hours	\$49.37
Sunday/Holiday	
	\$60.33

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class III - Z3	Laborer -Underground Open Cut, Class III	05/10/2024

Classification Description: Air, gasoline and electric tool operator, vibrator operator, drillers, pump man, tar kettle operator, bracers, rodder, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars, etc.), cement finisher, welder, pipe jacking and boring man, wagon

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$37.17	\$47.40	\$57.62
Apprentice: 0-1,000 work hours	\$31.58	\$40.68	\$49.79
Apprentice: 1,001-2,000 work hous	\$32.59	\$42.20	\$51.81
Apprentice: 2,001-3,000 work hours	\$33.60	\$43.72	\$53.83
Apprentice: 3,001-4,000 work hours	\$35.61	\$46.73	\$57.85

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$47.40
10th hour	\$47.40
Beyond 10 hours	\$47.40

Saturday

First 8 hours	\$47.40
9th hour	\$47.40
10th hour	\$47.40
Beyond 10 hours	\$47.40

Sunday/Holiday	\$57.62
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class IV - Z2	Laborer -Underground Open Cut, Class IV	05/10/2024

Classification Description: Trench or excavating grade man.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.47	\$51.02	\$63.57
Apprentice: 0-1,000 work hours	\$32.97	\$42.77	\$52.57
Apprentice: 1,001-2,000 work hours	\$34.07	\$44.42	\$54.77
Apprentice: 2,001-3,000 work hours	\$35.17	\$46.07	\$56.97
Apprentice: 3,001-4,000 work hours	\$37.37	\$49.37	\$61.37

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$49.47
10th hour	\$49.47
Beyond 10 hours	\$49.47
Saturday	
First 8 hours	\$49.47
9th hour	\$49.47
10th hour	\$49.47
Beyond 10 hours	\$49.47
Sunday/Holiday	
	\$60.47

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class IV - Z2	Laborer -Underground Open Cut, Class IV	05/10/2024

Classification Description: Trench or excavating grade man.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$38.47	\$51.02	\$63.57
Apprentice: 0-1,000 work hours	\$32.97	\$42.77	\$52.57
Apprentice: 1,001-2,000 work hours	\$34.07	\$44.42	\$54.77
Apprentice: 2,001-3,000 work hours	\$35.17	\$46.07	\$56.97
Apprentice: 3,001-4,000 work hours	\$37.37	\$49.37	\$61.37

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$49.47
10th hour	\$49.47
Beyond 10 hours	\$49.47
Saturday	
First 8 hours	\$49.47
9th hour	\$49.47
10th hour	\$49.47
Beyond 10 hours	\$49.47
Sunday/Holiday	
	\$60.47

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class IV - Z3	Laborer -Underground Open Cut, Class IV	05/10/2024

Classification Description: Trench or excavating grade man.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$37.22	\$47.47	\$57.72
Apprentice: 0-1,000 work hours	\$31.62	\$40.74	\$49.87
Apprentice: 1,001-2,000 work hours	\$32.63	\$42.26	\$51.89
Apprentice: 2,001-3,000 work hours	\$33.64	\$43.78	\$53.91
Apprentice: 3,001-4,000 work hours	\$35.66	\$46.80	\$57.95

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$47.47
10th hour	\$47.47
Beyond 10 hours	\$47.47
Saturday	
First 8 hours	\$47.47
9th hour	\$47.47
10th hour	\$47.47
Beyond 10 hours	\$47.47
Sunday/Holiday	
	\$57.72

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class V - Z2	Laborer -Underground Open Cut, Class V	05/10/2024

Classification Description: Pipe Layer (including crock, metal pipe, multiplate or other conduits)

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$38.62	\$51.25	\$63.87	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$33.08	\$42.94	\$52.79	9th hour \$49.70
Apprentice: 1,001-2,000 work hours	\$34.19	\$44.60	\$55.01	10th hour \$49.70
Apprentice: 2,001-3,000 work hours	\$35.30	\$46.26	\$57.23	Beyond 10 hours \$49.70
Apprentice: 3,001-4,000 work hours	\$37.51	\$49.58	\$61.65	Saturday
				First 8 hours \$49.70
				9th hour \$49.70
				10th hour \$49.70
				Beyond 10 hours \$49.70
				Sunday/Holiday \$60.77

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class V - Z2	Laborer -Underground Open Cut, Class V	05/10/2024

Classification Description: Pipe Layer (including crock, metal pipe, multiplate or other conduits)

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$38.62	\$51.25	\$63.87	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$33.08	\$42.94	\$52.79	9th hour \$49.70
Apprentice: 1,001-2,000 work hours	\$34.19	\$44.60	\$55.01	10th hour \$49.70
Apprentice: 2,001-3,000 work hours	\$35.30	\$46.26	\$57.23	Beyond 10 hours \$49.70
Apprentice: 3,001-4,000 work hours	\$37.51	\$49.58	\$61.65	Saturday
				First 8 hours \$49.70
				9th hour \$49.70
				10th hour \$49.70
				Beyond 10 hours \$49.70
				Sunday/Holiday \$60.77

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class V - Z3	Laborer -Underground Open Cut, Class V	05/10/2024

Classification Description: Pipe Layer (including crock, metal pipe, multiplate or other conduits)

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$37.36	\$47.68	\$58.00	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$31.73	\$40.91	\$50.09	9th hour \$47.68
Apprentice: 1,001-2,000 work hours	\$32.74	\$42.42	\$52.11	10th hour \$47.68
Apprentice: 2,001-3,000 work hours	\$33.76	\$43.96	\$54.15	Beyond 10 hours \$47.68
Apprentice: 3,001-4,000 work hours	\$35.79	\$47.00	\$58.21	Saturday
				First 8 hours \$47.68
				9th hour \$47.68
				10th hour \$47.68
				Beyond 10 hours \$47.68
				Sunday/Holiday \$58.00

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class VI - Z2	Laborer -Underground Open Cut, Class VI	05/10/2024

Classification Description: Grouting man, top man assistant, audio visual television operations and all other operations in connection with closed circuit television inspection, pipe cleaning and pipe relining work and the installation and repair of water service pipe and appurtenan

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$35.92	\$47.20	\$58.47
Apprentice: 0-1,000 work hours	\$31.06	\$39.90	\$48.75
Apprentice: 1,001-2,000 work hours	\$32.03	\$41.36	\$50.69
Apprentice: 2,001-3,000 work hours	\$33.00	\$42.82	\$52.63
Apprentice: 3,001-4,000 work hours	\$34.95	\$45.74	\$56.53

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$45.65
10th hour	\$45.65
Beyond 10 hours	\$45.65

Saturday

First 8 hours	\$45.65
9th hour	\$45.65
10th hour	\$45.65
Beyond 10 hours	\$45.65

Sunday/Holiday	\$55.37
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class VI - Z2	Laborer -Underground Open Cut, Class VI	05/10/2024

Classification Description: Grouting man, top man assistant, audio visual television operations and all other operations in connection with closed circuit television inspection, pipe cleaning and pipe relining work and the installation and repair of water service pipe and appurtenan

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$35.92	\$47.20	\$58.47
Apprentice: 0-1,000 work hours	\$31.06	\$39.90	\$48.75
Apprentice: 1,001-2,000 work hours	\$32.03	\$41.36	\$50.69
Apprentice: 2,001-3,000 work hours	\$33.00	\$42.82	\$52.63
Apprentice: 3,001-4,000 work hours	\$34.95	\$45.74	\$56.53

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$45.65
10th hour	\$45.65
Beyond 10 hours	\$45.65

Saturday

First 8 hours	\$45.65
9th hour	\$45.65
10th hour	\$45.65
Beyond 10 hours	\$45.65

Sunday/Holiday	\$55.37
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class VI - Z3	Laborer -Underground Open Cut, Class VI	05/10/2024

Classification Description: Grouting man, top man assistant, audio visual television operations and all other operations in connection with closed circuit television inspection, pipe cleaning and pipe relining work and the installation & repair of water service pipe & appurtenances

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$34.66	\$43.63	\$52.60
Apprentice: 0-1,000 work hours	\$29.70	\$37.86	\$46.03
Apprentice: 1,001-2,000 work hours	\$30.58	\$39.18	\$47.79
Apprentice: 2,001-3,000 work hours	\$31.46	\$40.50	\$49.55
Apprentice: 3,001-4,000 work hours	\$33.23	\$43.16	\$53.09

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$43.63
10th hour	\$43.63
Beyond 10 hours	\$43.63

Saturday

First 8 hours	\$43.63
9th hour	\$43.63
10th hour	\$43.63
Beyond 10 hours	\$43.63

Sunday/Holiday	\$52.60
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class VII - Z2	Laborer -Underground Open Cut, Class VII	05/10/2024

Classification Description: Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes, flagstones etc.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$32.56	\$42.16	\$51.75
Apprentice: 0-1,000 work hours	\$28.54	\$36.12	\$43.71
Apprentice: 1,001-2,000 work hours	\$29.34	\$37.32	\$45.31
Apprentice: 2,001-3,000 work hours	\$30.15	\$38.54	\$46.93
Apprentice: 3,001-4,000 work hours	\$31.76	\$40.96	\$50.15

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$40.61
10th hour	\$40.61
Beyond 10 hours	\$40.61
Saturday	
First 8 hours	\$40.61
9th hour	\$40.61
10th hour	\$40.61
Beyond 10 hours	\$40.61
Sunday/Holiday	
	\$48.65

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class VII - Z2	Laborer -Underground Open Cut, Class VII	05/10/2024

Classification Description: Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes, flagstones etc.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$32.56	\$42.16	\$51.75	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$28.54	\$36.12	\$43.71	9th hour \$40.61
Apprentice: 1,001-2,000 work hours	\$29.34	\$37.32	\$45.31	10th hour \$40.61
Apprentice: 2,001-3,000 work hours	\$30.15	\$38.54	\$46.93	Beyond 10 hours \$40.61
Apprentice: 3,001-4,000 work hours	\$31.76	\$40.96	\$50.15	Saturday
				First 8 hours \$40.61
				9th hour \$40.61
				10th hour \$40.61
				Beyond 10 hours \$40.61
				Sunday/Holiday \$48.65

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Laborer -Underground Open Cut - Class VII - Z3	Laborer -Underground Open Cut, Class VII	05/10/2024

Classification Description: Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes, flagstones etc.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$31.81	\$39.36	\$46.90	Over 8-hour day/40-hour week
Apprentice: 0-1,000 work hours	\$27.56	\$34.66	\$41.75	9th hour \$39.36
Apprentice: 1,001-2,000 work hours	\$28.30	\$35.76	\$43.23	10th hour \$39.36
Apprentice: 2,001-3,000 work hours	\$29.04	\$36.88	\$44.71	Beyond 10 hours \$39.36
Apprentice: 3,001-4,000 work hours	\$30.52	\$39.10	\$47.67	Saturday
				First 8 hours \$39.36
				9th hour \$39.36
				10th hour \$39.36
				Beyond 10 hours \$39.36
				Sunday/Holiday \$46.90

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Class I	Operating Engineer	05/10/2024

Classification Description: Class I - diver/wet tender, engineer, blaster, leverman

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$82.82	\$107.82	\$132.82

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$32.82
10th hour	\$107.82
Beyond 10 hours	\$107.82

Saturday

First 8 hours	\$107.82
9th hour	\$107.82
10th hour	\$107.82
Beyond 10 hours	\$107.82

Sunday/Holiday	\$132.82
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Class II (A)	Operating Engineer	05/10/2024

Classification Description: Class II (A) - Crane/backhoe operator, material handler, all self-propelled drill rigs, mechanic/welder, hydraulic dredge, diver tender

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$81.32	\$105.57	\$129.82

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$32.82
10th hour	\$105.57
Beyond 10 hours	\$105.57

Saturday

First 8 hours	\$105.57
9th hour	\$105.57
10th hour	\$105.57
Beyond 10 hours	\$105.57

Sunday/Holiday	\$129.82
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Class II (B)	Operating Engineer	05/10/2024

Classification Description: Class II (B) - friction, lattice boom, tug or tug boat operator

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$84.32	\$110.07	\$135.82

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$110.07
10th hour	\$110.07
Beyond 10 hours	\$110.07

Saturday

First 8 hours	\$110.07
9th hour	\$110.07
10th hour	\$110.07
Beyond 10 hours	\$110.07

Sunday/Holiday	\$135.82
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Class III	Operating Engineer	05/10/2024

Classification Description: Class III - Deck equip. operator, maintenance of crane or excavator, tug/launch operator, loader/dozer on barge/deck machinery, truck-able tug, lead surveyor, ROV operator, AB deckhand, welder

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$76.82	\$98.82	\$120.82	Over 8-hour day/40-hour week
				9th hour \$98.82
				10th hour \$98.82
				Beyond 10 hours \$98.82
				Saturday
				First 8 hours \$98.82
				9th hour \$98.82
				10th hour \$98.82
				Beyond 10 hours \$98.82
				Sunday/Holiday \$120.82

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Class IV	Operating Engineer	05/10/2024

Classification Description: Class IV - Deck equipment operator, machineryman/fireman, off road trucks, deck hand, tug engineer, assistant tug operator, blaster helper, deck hand, jet machine, subsea plow, trencher, tug engineer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$72.32	\$92.07	\$111.82

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$32.82
10th hour	\$92.07
Beyond 10 hours	\$92.07
Saturday	
First 8 hours	\$92.07
9th hour	\$92.07
10th hour	\$92.07
Beyond 10 hours	\$92.07
Sunday/Holiday	\$111.82

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Extended Boom Forklift Operator - Over 5,000	Operating Engineer	05/10/2024

Classification Description: Extended boom forklift/forktruck over 5,000lb capacity, 1 drum hoist

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$41.43	\$54.43	\$67.42

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$54.43
10th hour	\$54.43
Beyond 10 hours	\$67.42

Saturday

First 8 hours	\$54.43
9th hour	\$54.43
10th hour	\$54.43
Beyond 10 hours	\$67.42

Sunday/Holiday	\$67.42
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Extended Boom Forklift Operator - Over 5,000	Operating Engineer	05/10/2024

Classification Description: Extended boom forklift/forktruck over 5,000lb capacity, 1 drum hoist

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$58.82	\$73.32	\$87.81

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$73.32
10th hour	\$73.32
Beyond 10 hours	\$87.81

Saturday

First 8 hours	\$73.32
9th hour	\$73.32
10th hour	\$73.32
Beyond 10 hours	\$87.81

Sunday/Holiday	\$87.81
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Extended Boom Forklift Operator - Over 5,000	Operating Engineer	05/10/2024

Classification Description: Extended boom forklift/forktruck over 5,000lb capacity, 1 drum hoist

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$64.70	\$81.75	\$98.80

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$81.75
10th hour	\$81.75
Beyond 10 hours	\$98.80
Saturday	
First 8 hours	\$81.75
9th hour	\$81.75
10th hour	\$81.75
Beyond 10 hours	\$98.80
Sunday/Holiday	
	\$98.80

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Extended Boom Forklift Operator - Over 5,000	Operating Engineer	05/10/2024

Classification Description: Extended boom forklift/forktruck over 5,000lb capacity, 1 drum hoist

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$69.61	\$88.88	\$108.15

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$88.88
10th hour	\$88.88
Beyond 10 hours	\$108.15
Saturday	
First 8 hours	\$88.88
9th hour	\$88.88
10th hour	\$88.88
Beyond 10 hours	\$108.15
Sunday/Holiday	
	\$108.15

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Extended Boom Forklift Operator - Over 5,000	Operating Engineer	05/10/2024

Classification Description: Extended boom forklift/forktruck over 5,000lb capacity, 1 drum hoist

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$63.29	\$79.73	\$96.16

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$79.73
10th hour	\$79.73
Beyond 10 hours	\$96.16

Saturday

First 8 hours	\$79.73
9th hour	\$79.73
10th hour	\$79.73
Beyond 10 hours	\$96.16

Sunday/Holiday

\$96.16

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Journeyman - Class I	Operating Engineer	05/17/2024

Classification Description: Journeyman - Class I

Asphalt Transfer Machine (Shuttle Buggy)

Concrete/Asphalt Pavers

Excavators Installing Utilities over 20 feet in depth

GPS or Electronic Grade Equipment (employee must be able to set up and use it on machine themselves, and employee can install it and calibrate it on their own)

Hydraulic/Lattice Lifting Cranes over 25 tons

Mechanic

**On bridge construction projects when a Class I Crane Operator is erecting structural components as part of a composite crew with Structural Ironworkers, the Base Rate and Vacation and Holiday pay shall be at the Crane Operator rate as set forth in the current agreement between the Union and the Great Lakes Fabricators and Erectors Association.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$69.17	\$88.16	\$107.14
Apprentice: Apprentice Engineer 0-6 months	\$56.03	\$71.32	\$86.60
Apprentice: Apprentice Engineer 13-18	\$60.40	\$77.87	\$95.34
Apprentice: Apprentice Engineer 19-24 months	\$62.21	\$80.59	\$98.96
Apprentice: Apprentice Engineer 25-30 months	\$64.76	\$84.42	\$104.06
Apprentice: Apprentice Engineer 31-36 months	\$67.08	\$87.90	\$108.70
Apprentice: Apprentice Engineer 7-12 months	\$58.21	\$74.58	\$90.96

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$88.16
10th hour	\$88.16
Beyond 10 hours	\$88.16
Saturday	
First 8 hours	\$88.16
9th hour	\$88.16
10th hour	\$88.16
Beyond 10 hours	\$88.16
Sunday/Holiday	\$107.14

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

In the event work is unable to be performed on account of weather, Monday through Thursday, the Friday work may be scheduled for ten (10) hours, at straight time, as a make-up day.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Journeyman - Class II	Operating Engineer	05/17/2024

Classification Description: Journeyman - Class II

- Air Compressors in Manifold with throttle valve +750 cfm
- Asphalt Bituminous Compactor / Roller
- Asphalt Planner self-propelled
- Asphalt Plant on project including operating from on site or operating remotely
- Asphalt Screed or Screw (per Employer Past Practice)
- Auto Grade or similar type machine
- Backhoe on Farm Type Tractor 45 H.P. & over
- Ballast Jack Tamper
- Ballast Regulator (R.R.)
- Batch Plant (concrete-central mix)
- Bituminous Paver (self-propelled)
- Blade Grader
- Bull Dozer
- Caisson Drilling Machine
- Cherry Picker – 15 ton or over
- Chip Spreader
- Concrete Batch or Drum Mix Plant on project including operating from on site or operating remotely
- Concrete Belt Placer (Formless)
- Concrete Cure / Finish Machine (burlap, tinning or grooving)
- Concrete Mixer 21 cu. Ft. Or over
- Concrete Pump (Truck Mount)
- Concrete Pump (3 inch and over)
- Concrete / Asphalt Saw Power Driven (3 yrs experience or more)
- Conveyor Loader (Euclid type)
- Core Drilling Machine
- Curb-Barrier Wall Machine CMI type
- Directional Drill / Boring Machine
- Dredge Engineer
- Dredge
- Drilling Machine on which the drill is an integral part
- Earth Mover – rubber tired – (paddle wheel, Cat 619, 631, TS-24 or similar type)
- Earth Mover rubber tired-tandem

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$68.02	\$86.51	\$104.99

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$86.50
10th hour	\$86.50
Beyond 10 hours	\$86.50

Saturday

First 8 hours	\$86.50
9th hour	\$86.50
10th hour	\$86.50
Beyond 10 hours	\$86.50

Sunday/Holiday	\$104.99
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Journeyman - Class III	Operating Engineer	05/17/2024

Classification Description: Journeyman - Class III
Air Compressor with Throttle Valve or Clever Brooks type comb.
Backhoe less than 1 cyd. Including Farm Type
Bituminous Plant Engineer
Chemical / Grout Machine 21 cft. Or larger
Cherry Picker under 15 ton
Chip Spreader (self-propelled)
Crusher
Concrete Barrier Moving Machine (per Employer Past Practice)
Concrete Pump
Concrete Spreader--Power Driven
End Loader under 1-1/2 cu yd.
Grease Truck
Gunit Machine
Lowboy (per Employer Past Practice)
Mesh or Steel Placer (motorized)
Multiple Tamping Machine (R.R.)
Refrigerating Machine--Freezing operation
Roller-Waterbound Macadam, Bituminous Macadam, Brick
Ross Carrier
Self-propelled convey transfer devise.
Side Boom Tractor (smaller than D-4 type or equivalent)
Sweeper (Wayne type and similar equipment)
Macadam, Brick Surface
Trench Machine 24" and under
Tube Float (motorized)

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$61.29	\$76.85	\$92.41

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$30.17
10th hour	\$76.85
Beyond 10 hours	\$76.85

Saturday

First 8 hours	\$76.85
9th hour	\$76.85
10th hour	\$76.85
Beyond 10 hours	\$76.85

Sunday/Holiday	\$92.41
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Journeyman - Class IV	Operating Engineer	05/17/2024

Classification Description: Journeyman - Class IV

- Air Compressor
- All mulching equipment
- All Walk Behind or Remote Control Powered Equipment (autonomous equipment)
- Assistant to Engineer Automatic Dry Batch Plant Belt Spreader (motorized including transfer device by remote, wireless or cable)
- Bituminous Distributor
- Bituminous Patching Machine
- Broom & Belt Machine
- Chair Cart (self-propelled)
- Concrete Pumps (under 3")
- Concrete Breaker
- Curb Machine
- Curing Equipment (self-propelled)
- Deck Hand
- Digger Post Hole (power-driven)
- Dump Truck
- End Dumps (per Employer Past Practice)
- End Loader (under ¾ yard capacity)
- Farm Tractor-incl. farm tractor with all attachments except backhoe and incl. highlift end loaders of 1 cu. Yard capacity or less
- Fireman (on boiler)
- Fork Lift – under 10 ton
- Form Grader (if motorized)
- Georgia Buggy – Power wheel barrel ¾ yard with a seat
- Generator (15 kw or greater)
- Greaser Helper
- Guard Post Driver (power driven)

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$60.73	\$76.05	\$91.36

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$76.05
10th hour	\$76.05
Beyond 10 hours	\$76.05

Saturday

First 8 hours	\$76.05
9th hour	\$76.05
10th hour	\$76.05
Beyond 10 hours	\$76.05

Sunday/Holiday	\$91.36
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Journeyman - Class V	Operating Engineer	05/17/2024

Classification Description: Journeyman - Class V
 Concrete/Asphalt Saw - Power Driven (Less than 3 yrs. experience)
 Density/Soil Engineer
 Directional Boring Utility Man
 Discharge Pumps 4" or less (1-4 units)
 Dumper (Wagon, Truck, Etc.)-1/2 yard or less
 Fence Erector/Power Driven
 Light Plants (1 to 5 units)
 Paving Batch Truck Dumper
 Roto Mill Utility Grade Control
 Sign Installer/Sign Installer with Remote Control Operated Equipment
 Top Man, And Railroad Track and Trestle Engineer
 Utility Engineer
 Water Blasting Utility Engineer
 1 to 4 pcs. of minor equip.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$42.35	\$55.33	\$68.31

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$55.33
10th hour	\$55.33
Beyond 10 hours	\$55.33
Saturday	
First 8 hours	\$55.33
9th hour	\$55.33
10th hour	\$55.33
Beyond 10 hours	\$55.33
Sunday/Holiday	
	\$68.31

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 A140	Operating Engineer	05/10/2024

Classification Description: Crane with boom & jib or leads 140' or longer

Work in excess of 12 per day M-F shall be paid at double time.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$77.59	\$100.24	\$122.89

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$100.24
10th hour	\$100.24
Beyond 10 hours	\$100.24

Saturday

First 8 hours	\$100.24
9th hour	\$100.24
10th hour	\$100.24
Beyond 10 hours	\$100.24

Sunday/Holiday	\$122.89
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 hours Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 A220	Operating Engineer	05/10/2024

Classification Description: Crane with boom & jib or leads 220' or longer
 Work in excess of 12 per day M-F shall be paid at double time.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$77.86	\$100.63	\$123.40

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$100.63
10th hour	\$100.63
Beyond 10 hours	\$100.63

Saturday

First 8 hours	\$100.63
9th hour	\$100.63
10th hour	\$100.63
Beyond 10 hours	\$100.63

Sunday/Holiday	\$123.40
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 hours Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 B120	Operating Engineer	06/20/2024

Classification Description: Crane Operator w/120' of Boom or Longer w/Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$77.41	\$99.99	\$122.56

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$99.98
10th hour	\$99.98
Beyond 10 hours	\$99.98

Saturday

First 8 hours	\$99.98
9th hour	\$99.98
10th hour	\$99.98
Beyond 10 hours	\$99.98

Sunday/Holiday	\$122.56
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 GM	Operating Engineer	06/20/2024

Classification Description: Ground Man/Light Plants/Welder/Pumps Under 6"

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$43.83	\$57.87	\$71.91

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$57.87
10th hour	\$57.87
Beyond 10 hours	\$57.87

Saturday

First 8 hours	\$57.87
9th hour	\$57.87
10th hour	\$57.87
Beyond 10 hours	\$57.87

Sunday/Holiday	\$71.91
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - AC	Operating Engineer	05/10/2024

Classification Description: Compressor or Welding Machine

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$56.05	\$69.32	\$82.58

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$69.32
10th hour	\$69.32
Beyond 10 hours	\$69.32
Saturday	
First 8 hours	\$69.32
9th hour	\$82.58
10th hour	\$82.58
Beyond 10 hours	\$82.58
Sunday/Holiday	
	\$82.58

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - Below 5,000lb Capacity	Operating Engineer	06/20/2024

Classification Description: Ind. forklift/forktruck under 5,000lb capacity
power jacks/power packs, composite crew only

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$67.10	\$85.19	\$103.28

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$85.19
10th hour	\$85.19
Beyond 10 hours	\$85.19
Saturday	
First 8 hours	\$85.19
9th hour	\$85.19
10th hour	\$85.19
Beyond 10 hours	\$85.19
Sunday/Holiday	
	\$103.28

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - Crane Operator w/Oiler	Operating Engineer	06/20/2024

Classification Description: Crane Operator w/Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$77.05	\$99.47	\$121.89

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$99.47
10th hour	\$99.47
Beyond 10 hours	\$99.47
Saturday	
First 8 hours	\$99.47
9th hour	\$99.47
10th hour	\$99.47
Beyond 10 hours	\$99.47
Sunday/Holiday	
	\$121.89

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - Crane, TDH, Excavator	Operating Engineer	06/20/2024

Classification Description: Crane Operator, Job Mechanic, Three Drum Hoist and Excavator

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$76.05	\$98.04	\$120.02
Apprentice: Apprentice Engineer 0-6 months	\$60.84	\$78.54	\$96.24
Apprentice: Apprentice Engineer 13-18 months	\$65.90	\$86.13	\$106.36
Apprentice: Apprentice Engineer 19-24 months	\$68.42	\$89.92	\$111.40
Apprentice: Apprentice Engineer 25-30 months	\$70.95	\$93.71	\$116.46
Apprentice: Apprentice Engineer 31-36 months	\$73.48	\$97.50	\$121.52
Apprentice: Apprentice Engineer 7-12 months	\$63.40	\$82.38	\$101.36

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$98.03
10th hour	\$98.03
Beyond 10 hours	\$98.03
Saturday	
First 8 hours	\$98.03
9th hour	\$98.03
10th hour	\$98.03
Beyond 10 hours	\$98.03
Sunday/Holiday	
	\$120.02

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - CW	Operating Engineer	05/10/2024

Classification Description: Compressor or welding machine
Work in excess of 12 per day M-F shall be paid at double time.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$54.86	\$69.72	\$84.58

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$67.78
10th hour	\$67.78
Beyond 10 hours	\$67.78

Saturday

First 8 hours	\$67.78
9th hour	\$80.70
10th hour	\$80.70
Beyond 10 hours	\$80.70

Sunday/Holiday	\$80.70
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - F	Operating Engineer	05/10/2024

Classification Description: Forklift, lull, extend-a-boom forklift
 Work in excess of 12 per day M-F shall be paid at double time.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$63.36	\$79.81	\$96.25

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$79.81
10th hour	\$79.81
Beyond 10 hours	\$79.81

Saturday

First 8 hours	\$79.81
9th hour	\$96.25
10th hour	\$96.25
Beyond 10 hours	\$96.25

Sunday/Holiday

\$96.25

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - FO	Operating Engineer	05/10/2024

Classification Description: Fireman or Oiler

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$55.02	\$67.84	\$80.65

Overtime Provisions

Over 8-hour day/40-hour

week

9th hour	\$67.84
10th hour	\$67.84
Beyond 10 hours	\$67.84

Saturday

First 8 hours	\$67.84
9th hour	\$80.65
10th hour	\$80.65
Beyond 10 hours	\$80.65

Sunday/Holiday

\$80.65

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - FO	Operating Engineer	05/10/2024

Classification Description: Fireman or oiler

Work in excess of 12 per day M-F shall be paid at double time.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$53.83	\$68.18	\$82.52

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$66.31
10th hour	\$66.31
Beyond 10 hours	\$66.31

Saturday

First 8 hours	\$66.31
9th hour	\$78.78
10th hour	\$78.78
Beyond 10 hours	\$78.78

Sunday/Holiday	\$78.78
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - FSM	Operating Engineer	05/10/2024

Classification Description: Forklift or Straight Mast

Four 10 hour days may be scheduled M-Th or T-F. Work not performed due to weather on M-Th may be scheduled on Friday

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$57.50	\$71.40	\$85.29

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$71.40
10th hour	\$71.40
Beyond 10 hours	\$71.40
Saturday	
First 8 hours	\$71.40
9th hour	\$85.29
10th hour	\$85.29
Beyond 10 hours	\$85.29
Sunday/Holiday	
	\$85.29

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - I	Operating Engineer	05/10/2024

Classification Description: Lull or Extend-a-Boom Forklift

Four 10 hour days may be scheduled M-Th or T-F. Work not performed due to weather on M-Th may be scheduled on Friday

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$59.73	\$77.09	\$94.45

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$74.83
10th hour	\$74.83
Beyond 10 hours	\$74.83

Saturday

First 8 hours	\$74.83
9th hour	\$89.92
10th hour	\$89.92
Beyond 10 hours	\$89.92

Sunday/Holiday	\$89.92
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - OE 324 A120	Operating Engineer	01/09/2025

Classification Description: Crane with boom & jib or leads 120' or longer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$76.41	\$98.55	\$120.69

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$98.55
10th hour	\$98.55
Beyond 10 hours	\$98.55

Saturday

First 8 hours	\$98.55
9th hour	\$98.55
10th hour	\$98.55
Beyond 10 hours	\$98.55

Sunday/Holiday	\$120.69
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time over 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - os120	Operating Engineer	05/10/2024

Classification Description: Crane with main boom & jib 120' or longer

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Worked not performed due to weather, Monday-Thursday may be scheuled Friday

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$63.27	\$82.40	\$101.53

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$79.91
10th hour	\$79.91
Beyond 10 hours	\$79.91
Saturday	
First 8 hours	\$79.91
9th hour	\$96.54
10th hour	\$96.54
Beyond 10 hours	\$96.54
Sunday/Holiday	
	\$96.54

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - OSA	Operating Engineer	05/10/2024

Classification Description: Crane w/ main Boom & Jib 220' or longer

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$64.38	\$84.07	\$103.75

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$81.50
10th hour	\$81.50
Beyond 10 hours	\$81.50
Saturday	
First 8 hours	\$81.50
9th hour	\$98.61
10th hour	\$98.61
Beyond 10 hours	\$98.61
Sunday/Holiday	
	\$98.61

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - OSA3	Operating Engineer	05/10/2024

Classification Description: Crane w/ main Boom & Jib 300' or longer

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work unable to be performed due to weather, Monday-Thursday may be scheduled on Friday.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$65.89	\$86.33	\$106.77

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$83.67
10th hour	\$83.67
Beyond 10 hours	\$83.67
Saturday	
First 8 hours	\$83.67
9th hour	\$101.44
10th hour	\$101.44
Beyond 10 hours	\$101.44
Sunday/Holiday	
	\$101.44

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - OSA4	Operating Engineer	05/10/2024

Classification Description: Crane w/ main Boom & Jib 400' or longer

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$78.46	\$101.49	\$124.52

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$101.49
10th hour	\$101.49
Beyond 10 hours	\$101.49
Saturday	
First 8 hours	\$101.49
9th hour	\$101.49
10th hour	\$101.49
Beyond 10 hours	\$101.49
Sunday/Holiday	
	\$124.52

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - OSB	Operating Engineer	05/10/2024

Classification Description: Crane with main boom and jib 140' or longer

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work unable to be performed due to weather, Monday-Thursday may be scheduled on Friday.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$64.09	\$83.63	\$103.17

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$81.08
10th hour	\$81.08
Beyond 10 hours	\$81.08
Saturday	
First 8 hours	\$81.08
9th hour	\$98.07
10th hour	\$98.07
Beyond 10 hours	\$98.07
Sunday/Holiday	
	\$98.07

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - RC	Operating Engineer	05/10/2024

Classification Description: Regular Crane Operator, Job Mechanic, Concrete Pump with Boom

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$66.04	\$83.65	\$101.26
Apprentice: 0-999 hours	\$51.13	\$64.18	\$77.22
Apprentice: 1,000-1,999 hours	\$52.99	\$66.96	\$80.94
Apprentice: 2,000-2,999 hours	\$54.86	\$69.77	\$84.68
Apprentice: 3,000-3,999 hours	\$56.72	\$72.56	\$88.40
Apprentice: 4,000-4,999 hours	\$58.59	\$75.36	\$92.14
Apprentice: 5,000-5,999 hours	\$60.44	\$78.15	\$95.84

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$83.65
10th hour	\$83.65
Beyond 10 hours	\$83.65
Saturday	
First 8 hours	\$83.65
9th hour	\$101.26
10th hour	\$101.26
Beyond 10 hours	\$101.26
Sunday/Holiday	
	\$101.26

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - RE	Operating Engineer	05/10/2024

Classification Description: Regular Engineer, Hydro Excavator & Remote Controlled Concrete Breaker

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$65.07	\$82.26	\$99.44
Apprentice: 1,000-1,999 hours	\$55.19	\$70.02	\$84.84
Apprentice: 1-999 hours	\$53.21	\$67.02	\$80.85
Apprentice: 2,000-2,999 hours	\$57.16	\$72.97	\$88.78
Apprentice: 3,000-3,999 hours	\$59.13	\$75.93	\$92.72
Apprentice: 4,000-4,999 hours	\$61.11	\$78.90	\$96.68
Apprentice: 5,000-5,999 hours	\$63.09	\$81.87	\$100.64

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$82.26
10th hour	\$82.26
Beyond 10 hours	\$82.26
Saturday	
First 8 hours	\$82.26
9th hour	\$99.44
10th hour	\$99.44
Beyond 10 hours	\$99.44
Sunday/Holiday	
	\$99.44

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Friday

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - Skidsteer Operator	Operating Engineer	06/20/2024

Classification Description: Skidsteer forklift when working with fence and Door companies

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$65.69	\$83.17	\$100.65

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$83.17
10th hour	\$83.17
Beyond 10 hours	\$83.17
Saturday	
First 8 hours	\$83.17
9th hour	\$83.17
10th hour	\$83.17
Beyond 10 hours	\$83.17
Sunday/Holiday	
	\$100.65

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - TDH, Backhoe	Operating Engineer	06/20/2024

Classification Description: Hoisting Operator, Two Drum Hoist, Rubber Tire Backhoe

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$75.41	\$97.11	\$118.82

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$97.11
10th hour	\$97.11
Beyond 10 hours	\$97.11

Saturday

First 8 hours	\$97.11
9th hour	\$97.11
10th hour	\$97.11
Beyond 10 hours	\$97.11

Sunday/Holiday	\$118.82
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Marine Construction and Dredging Class I - OE324	Operating Engineer - Marine Construction	01/16/2025

Classification Description: Craft Foreman, Diver/Wet Tender, Engineer, Engineer (hydraulic dredge), Blaster

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$84.30	\$110.05	\$135.80	Over 8-hour day/40-hour week
				9th hour \$110.05
				10th hour \$110.05
				Beyond 10 hours \$110.05
				Saturday
				First 8 hours \$110.05
				9th hour \$110.05
				10th hour \$110.05
				Beyond 10 hours \$110.05
				Sunday/Holiday \$135.80

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Marine Construction and Dredging Class II A - OE324	Operating Engineer - Marine Construction	01/16/2025

Classification Description: Crane, Backhoe, Material Handler, All Self-Propelled Drill Rigs, Mechanic/Welder, Asst. Engineer (hydraulic dredge), Leverman (hydraulic dredge), Diver Tender.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$82.80	\$107.80	\$132.80

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$107.80
10th hour	\$107.80
Beyond 10 hours	\$107.80
Saturday	
First 8 hours	\$107.80
9th hour	\$107.80
10th hour	\$107.80
Beyond 10 hours	\$107.80
Sunday/Holiday	
	\$132.80

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Marine Construction and Dredging Class II B - OE324	Operating Engineer - Marine Construction	01/16/2025

Classification Description: Friction, Lattice Boom, or Crane License Cert., Endorse Tug or Tow Boat Operator

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$85.80	\$112.30	\$138.80

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$112.30
10th hour	\$112.30
Beyond 10 hours	\$112.30
Saturday	
First 8 hours	\$112.30
9th hour	\$112.30
10th hour	\$112.30
Beyond 10 hours	\$112.30
Sunday/Holiday	
	\$138.80

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Marine Construction and Dredging Class III - OE324	Operating Engineer - Marine Construction	01/16/2025

Classification Description: Deck Equipment Operator, (Machineryman), Maintenance of Crane, Tug/Launch Operator, Loader/Dozer on Barge, Deck Machinery, etc.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$78.30	\$101.05	\$123.80

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$101.05
10th hour	\$101.05
Beyond 10 hours	\$101.05

Saturday

First 8 hours	\$101.05
9th hour	\$101.05
10th hour	\$101.05
Beyond 10 hours	\$101.05

Sunday/Holiday	\$123.80
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Marine Construction and Dredging Class IV - OE324	Operating Engineer - Marine Construction	01/16/2025

Classification Description: Deck Equipment Operator, Machineryman/Fireman, (4 equipment units or more), Off Road Trucks, Deck Hand, Tug/Engineer, Crane Maint. (50 ton and under/Backhoe 115,000 lbs. or less), Asst. Tug Operator, Blaster Helper.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$73.35	\$93.85	\$114.35

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$93.85
10th hour	\$93.85
Beyond 10 hours	\$93.85
Saturday	
First 8 hours	\$93.85
9th hour	\$93.85
10th hour	\$93.85
Beyond 10 hours	\$93.85
Sunday/Holiday	
	\$114.35

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Crane Operator - 324 B400	Operating Engineer Steel Work	06/20/2024

Classification Description: Crane Operator w/400' Boom or Longer w/Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$81.86	\$106.37	\$130.88

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$106.37
10th hour	\$106.37
Beyond 10 hours	\$106.37
Saturday	
First 8 hours	\$106.37
9th hour	\$106.37
10th hour	\$106.37
Beyond 10 hours	\$106.37
Sunday/Holiday	
	\$130.88

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time over 12 hours Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 A300	Operating Engineer Steel Work	06/20/2024

Classification Description: Crane with boom & jib or leads 300' or longer
Work in excess of 12 per day M-F shall be paid at double time.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$79.36	\$102.78	\$126.20

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$102.78
10th hour	\$102.78
Beyond 10 hours	\$102.78

Saturday

First 8 hours	\$102.78
9th hour	\$102.78
10th hour	\$102.78
Beyond 10 hours	\$102.78

Sunday/Holiday	\$126.20
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time over 12 hours Mon-Sat.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 A400	Operating Engineer Steel Work	06/20/2024

Classification Description: Crane with boom & jib or leads 400' or longer
Work in excess of 12 per day M-F shall be paid at double time.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$80.86	\$104.94	\$129.01

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$104.93
10th hour	\$104.93
Beyond 10 hours	\$104.93

Saturday

First 8 hours	\$104.93
9th hour	\$104.93
10th hour	\$104.93
Beyond 10 hours	\$104.93

Sunday/Holiday	\$129.01
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time over 12 hours/day Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 A50	Operating Engineer Steel Work	06/20/2024

Classification Description: Tower Crane & Derrick Operator 50' or More

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$77.14	\$99.59	\$122.05

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$99.59
10th hour	\$99.59
Beyond 10 hours	\$99.59

Saturday

First 8 hours	\$99.59
9th hour	\$99.59
10th hour	\$99.59
Beyond 10 hours	\$99.59

Sunday/Holiday	\$122.05
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 B140	Operating Engineer Steel Work	06/20/2024

Classification Description: Crane Operator w/140' of /Boom or Longer w/Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$78.59	\$101.68	\$124.76

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$101.67
10th hour	\$101.67
Beyond 10 hours	\$101.67

Saturday

First 8 hours	\$101.67
9th hour	\$101.67
10th hour	\$101.67
Beyond 10 hours	\$101.67

Sunday/Holiday	\$124.76
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 B220	Operating Engineer Steel Work	06/20/2024

Classification Description: Crane Operator w/220' of Boom or Longer w/Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$78.86	\$100.76	\$123.97

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$102.06
10th hour	\$102.06
Beyond 10 hours	\$102.06

Saturday

First 8 hours	\$102.06
9th hour	\$102.06
10th hour	\$102.06
Beyond 10 hours	\$102.06

Sunday/Holiday	\$125.27
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 hours Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 B300	Operating Engineer Steel Work	06/20/2024

Classification Description: Crane Operator w/300' of Boom or Longer w/Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$80.36	\$104.22	\$128.07

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$104.22
10th hour	\$104.22
Beyond 10 hours	\$104.22

Saturday

First 8 hours	\$104.22
9th hour	\$104.22
10th hour	\$104.22
Beyond 10 hours	\$104.22

Sunday/Holiday	\$128.07
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time over 12 hours Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 B50	Operating Engineer Steel Work	06/20/2024

Classification Description: Tower Crane & Derrick Operator 50' or more w/Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$78.14	\$101.03	\$123.92

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$101.03
10th hour	\$101.03
Beyond 10 hours	\$101.03

Saturday

First 8 hours	\$101.03
9th hour	\$101.03
10th hour	\$101.03
Beyond 10 hours	\$101.03

Sunday/Holiday	\$123.92
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - 324 PRE60118	Operating Engineer Steel Work	06/20/2024

Classification Description: Oiler/pumps over 6" **Applies to Operators who have previously worked under this classification PRIOR to 6/1/18**

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$61.22	\$76.76	\$92.29

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$76.75
10th hour	\$76.75
Beyond 10 hours	\$76.75

Saturday

First 8 hours	\$76.75
9th hour	\$76.75
10th hour	\$76.75
Beyond 10 hours	\$76.75

Sunday/Holiday	\$92.29
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Overtime Rate Comment: Double time after 12 Mon-Sat

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer - EF	Operating Engineer Steel Work	05/10/2024

Classification Description: Extended boom forklift over 5,000 lb capacity, 1 Drum Hoist

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$72.21	\$92.53	\$112.84

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$92.53
10th hour	\$92.53
Beyond 10 hours	\$112.84

Saturday

First 8 hours	\$92.53
9th hour	\$92.53
10th hour	\$92.53
Beyond 10 hours	\$112.84

Sunday/Holiday	\$112.84
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SW120	Operating Engineer Steel Work	05/10/2024

Classification Description: Crane w/ 120' boom or longer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$74.14	\$95.24	\$116.33

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$95.24
10th hour	\$95.24
Beyond 10 hours	\$116.33
Saturday	
First 8 hours	\$95.24
9th hour	\$95.24
10th hour	\$95.24
Beyond 10 hours	\$116.33
Sunday/Holiday	
	\$116.33

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SW120	Operating Engineer Steel Work	05/10/2024

Classification Description: Crane w/ 120' boom or longer w/ Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$75.01	\$96.54	\$118.07

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$96.54
10th hour	\$96.54
Beyond 10 hours	\$118.07
Saturday	
First 8 hours	\$96.54
9th hour	\$96.54
10th hour	\$96.54
Beyond 10 hours	\$118.07
Sunday/Holiday	
	\$118.07

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SW140	Operating Engineer Steel Work	05/10/2024

Classification Description: Crane w/ 140' boom or longer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$75.19	\$96.80	\$118.41

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$96.80
10th hour	\$96.80
Beyond 10 hours	\$118.41
Saturday	
First 8 hours	\$96.80
9th hour	\$96.80
10th hour	\$96.80
Beyond 10 hours	\$118.41
Sunday/Holiday	
	\$118.41

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SW140	Operating Engineer Steel Work	05/10/2024

Classification Description: Crane w/ 140' boom or longer W/ Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$76.19	\$98.24	\$120.28

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$98.24
10th hour	\$98.24
Beyond 10 hours	\$120.28
Saturday	
First 8 hours	\$98.24
9th hour	\$98.24
10th hour	\$98.24
Beyond 10 hours	\$120.28
Sunday/Holiday	
	\$120.28

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SW220	Operating Engineer Steel Work	05/10/2024

Classification Description: Boom & Jib 220' or longer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$76.46	\$98.62	\$120.78

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$98.62
10th hour	\$98.62
Beyond 10 hours	\$120.78

Saturday

First 8 hours	\$98.62
9th hour	\$98.62
10th hour	\$98.62
Beyond 10 hours	\$120.78

Sunday/Holiday	\$120.78
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SW220	Operating Engineer Steel Work	05/10/2024

Classification Description: Crane w/ 220' boom or longer w/ Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$74.01	\$95.11	\$116.20

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$95.11
10th hour	\$95.11
Beyond 10 hours	\$116.20
Saturday	
First 8 hours	\$95.11
9th hour	\$95.11
10th hour	\$95.11
Beyond 10 hours	\$116.20
Sunday/Holiday	
	\$116.20

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SW300	Operating Engineer Steel Work	05/10/2024

Classification Description: Boom & Jib 300' or longer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$76.96	\$99.34	\$121.72

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$99.34
10th hour	\$99.34
Beyond 10 hours	\$121.72
Saturday	
First 8 hours	\$99.34
9th hour	\$99.34
10th hour	\$99.34
Beyond 10 hours	\$121.72
Sunday/Holiday	
	\$121.72

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SW300	Operating Engineer Steel Work	05/10/2024

Classification Description: Crane w/ 300' boom or longer w/ Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$77.96	\$100.78	\$123.59

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$100.78
10th hour	\$100.78
Beyond 10 hours	\$123.59
Saturday	
First 8 hours	\$100.78
9th hour	\$100.78
10th hour	\$100.78
Beyond 10 hours	\$123.59
Sunday/Holiday	
	\$123.59

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SW400	Operating Engineer Steel Work	05/10/2024

Classification Description: Boom & Jib 400' or longer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$78.46	\$101.49	\$124.52

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$101.49
10th hour	\$101.49
Beyond 10 hours	\$124.52
Saturday	
First 8 hours	\$101.49
9th hour	\$101.49
10th hour	\$101.49
Beyond 10 hours	\$124.52
Sunday/Holiday	
	\$124.52

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SW400	Operating Engineer Steel Work	05/10/2024

Classification Description: Crane w/ 400' boom or longer w/ Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$79.46	\$102.93	\$126.39

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$102.93
10th hour	\$102.93
Beyond 10 hours	\$126.39
Saturday	
First 8 hours	\$102.93
9th hour	\$102.93
10th hour	\$102.93
Beyond 10 hours	\$126.39
Sunday/Holiday	
	\$126.39

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SWCO	Operating Engineer Steel Work	05/10/2024

Classification Description: Crane Operator, Job Mechanic, 3 Drum Hoist & Excavator

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$73.65	\$94.59	\$115.53
Apprentice: 0-999 hours	\$59.16	\$76.02	\$92.88
Apprentice: 1,000-1,999 hours	\$61.56	\$79.63	\$97.68
Apprentice: 2,000-2,999 hours	\$63.96	\$83.22	\$102.48
Apprentice: 3,000-3,999 hours	\$66.38	\$84.18	\$101.98
Apprentice: 4,000-4,999 hours	\$68.78	\$90.46	\$112.12
Apprentice: 5,000 hours	\$71.20	\$91.09	\$110.99

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$94.59
10th hour	\$94.59
Beyond 10 hours	\$115.53
Saturday	
First 8 hours	\$94.59
9th hour	\$94.59
10th hour	\$94.59
Beyond 10 hours	\$115.53
Sunday/Holiday	
	\$115.53

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SWCO-O	Operating Engineer Steel Work	05/10/2024

Classification Description: Crane Operator w/ Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$74.65	\$96.03	\$117.40

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$96.03
10th hour	\$96.03
Beyond 10 hours	\$117.40
Saturday	
First 8 hours	\$96.03
9th hour	\$96.03
10th hour	\$96.03
Beyond 10 hours	\$117.40
Sunday/Holiday	
	\$117.40

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SWCW	Operating Engineer Steel Work	05/10/2024

Classification Description: Compressor or Welder Operator

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$37.03	\$49.48	\$61.92

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$47.85
10th hour	\$47.85
Beyond 10 hours	\$58.67
Saturday	
First 8 hours	\$47.85
9th hour	\$47.85
10th hour	\$47.85
Beyond 10 hours	\$58.67
Sunday/Holiday	
	\$58.67

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SWHO	Operating Engineer Steel Work	05/10/2024

Classification Description: Hoisting Operator, 2 Drum Hoist, & Rubber Tire Backhoe

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$73.01	\$93.67	\$114.33

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$93.67
10th hour	\$93.67
Beyond 10 hours	\$114.33
Saturday	
First 8 hours	\$93.67
9th hour	\$93.67
10th hour	\$93.67
Beyond 10 hours	\$114.33
Sunday/Holiday	
	\$114.33

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SWO	Operating Engineer Steel Work	05/10/2024

Classification Description: Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$53.42	\$67.61	\$81.80

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$65.74
10th hour	\$65.74
Beyond 10 hours	\$78.06
Saturday	
First 8 hours	\$65.74
9th hour	\$65.74
10th hour	\$65.74
Beyond 10 hours	\$78.06
Sunday/Holiday	
	\$78.06

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SWTD50	Operating Engineer Steel Work	05/10/2024

Classification Description: Tower Crane & Derrick where work is 50' or more

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$74.74	\$96.16	\$117.57

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$96.16
10th hour	\$96.16
Beyond 10 hours	\$117.57

Saturday

First 8 hours	\$96.16
9th hour	\$96.16
10th hour	\$96.16
Beyond 10 hours	\$117.57

Sunday/Holiday	\$117.57
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Steel Work - SWTD50 O	Operating Engineer Steel Work	05/10/2024

Classification Description: Tower Crane & Derrick 50' or more w/ Oiler

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$75.84	\$97.69	\$119.54

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$97.69
10th hour	\$97.69
Beyond 10 hours	\$119.54

Saturday

First 8 hours	\$97.69
9th hour	\$97.69
10th hour	\$97.69
Beyond 10 hours	\$119.54

Sunday/Holiday	\$119.54
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 10s allowed M-Th with Friday makeup day because of bad weather

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Underground-324- Class I	Operating Engineer Underground	10/31/2024

Classification Description: Class I Equipment--Air Compressors in Manifold with throttle valve Auto Grade or similar type machine
Backfill Tamper Backhoe
Backhoe on Farm Type Tractor 45 H.P. & over. Ballast Regulator (R.R.)
Batch Plant (concrete - central mix) Batch Plant Operator (concrete) Blade Grader Operator
Bulldozer
Caisson Drilling Machine Cherry Picker--15 ton or over Clamshell
Concrete/Asphalt Saw Operator - Power Driven (3yrs experience or more) Concrete Belt Placer (Formless)
Concrete Cure/Finish Machine Operator
Concrete Mixer 21 cu. ft. or over Concrete Paver [two (2) drums or larger] Concrete Pump (Truck Mount)
Concrete Pump (3 inch and over) Concrete Pump with Boom Operator Conveyor Loader Operator (Euclid type) Core Drilling
Machine
Crane (Crawler, truck type or pile driving)
Crane or De1Tick with any attachment incl. clamshell, dragline, shovel, backhoe, etc. Directional Drill/Boring Machine Operator
Dozer Dragline
Dredge Engineer Dredge Operator
Drilling Machine on which the drill is an integral part
Earth Mover--rubber tired--(paddle wheel, 619, 631, TS-24 or similar type) Earth Mover rubber tired--tandem (\$.50 cents per hr.
added for each bowl) Elevating
Grader Operator
End Loader
End Loader Operator (1½ yard capacity and over)
Excavator
Farm type tractor with attached pan
Finishing Machine Operator (Asphalt or Concrete) Foreman/Operating Engineer
Forklift (10 ton or over)
GPS or Electronic Grade on motorized equipment Gradall and similar type machine
Grader
Gravel Processing plant (portable) Operator of Guard Rail Post Driver Haul Units (off-highway) Helicopter crew
Highlift Shovel--1-1 /2 cu. yd. or over Hoisting Engineer
Horizontal Directional Drill Hydraulic Boom Truck
Hydro demolition equipment (water blaster) Hydro Excavator
Loader--Self-propelled (Belt-Chain- Wheel) (Holland or similar type) Locomotive and/or Dinkey Engine
Mechanic Milling Machine
Mucking Machine
Operator of Guard Rail Post Driver Paver Operator - Concrete
Pile Driver--Skid or Crawler Power Shovel
Rock Breaking Plant
Rock Crushing Plant (Portable)
Root Rake, Tractor Mounted Sand Blaster Vacuum Roto Mill
Scraper Self-Propelled or Tractor Drawn

Self-propelled Widener or Gravel distributing shoulder machine Shovel Operator
 Side Boom Tractor (type D-4 or equivalent or larger) Slope Paver
 Stump Remover Tractor Mounted Surface Heater & Planer
 Surface Roller with Dozer Blade
 Swinging Boom Truck (over 12-ton capacity) Tilling Machine or (Roto Grader)
 Tractor Operator
 Tractor--Boom, Winch or Hoe Head Tractor--Push
 Tractor with Scoop Tractor Mounted Spreader Tree Mover
 Trench Machine (ladder or wheel type) Trencher (over 8ft. digging capacity) Tugboat Operator
 Tunnel Boring Machine Tunnel Shield
 Vacuum Machine/Truck Operator Well Drilling Machine
 Well Drilling Rig
 Winch Truck with A Frame

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$68.12	\$87.01	\$105.89
Apprentice: Apprentice Engineer 0-999 hours	\$54.36	\$69.57	\$84.77
Apprentice: Apprentice Engineer 1,000-1,999 hours	\$56.53	\$72.83	\$89.11
Apprentice: Apprentice Engineer 2,000-2,999 hours	\$58.69	\$76.06	\$93.43
Apprentice: Apprentice Engineer 3,000-3,999 hours	\$60.87	\$79.33	\$97.79
Apprentice: Apprentice Engineer 4,000-4,999 hours	\$64.22	\$84.36	\$104.49
Apprentice: Apprentice Engineer 5,000-5,999 hours	\$65.06	\$85.62	\$106.17

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$87.00
10th hour	\$87.00
Beyond 10 hours	\$87.00
Saturday	
First 8 hours	\$87.00
9th hour	\$87.00
10th hour	\$87.00
Beyond 10 hours	\$87.00
Sunday/Holiday	
	\$105.89

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

In the event work is unable to be performed on account of weather Monday through Thursday, then Friday work may be scheduled for the ten (10) hours, at straight-time.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Underground-324- Class II	Operating Engineer Underground	10/31/2024

Classification Description: Class II Equipment

Air Compressor with Throttle Valve or Clever Brooks type comb. Backhoe (with 3/8-yard bucket or less)

Backhoe on Farm Type Tractor under 45 H.P.

Batch Plant (concrete-dry batch)

Boom Truck (power swing type boom)

Cherry Picker under 15 ton

Crusher

Crusher Operator

Concrete Pump

Concrete Mesh Depressor--independently operated Concrete Spreader--Power Driven

End Dumps when operated by an Operating Engineer End Loader under 1-1/2 cu yd.

Gunite Machine

Head Greaser

Hoist

Lowboy Operator

Mesh or Steel Placer (motorized)

Multiple Tamping Machine (R.R.)

Power Curing Spraying Machine (Formless)

P.C.C. Concrete Belt Placer (form type)

Pull Grader--Power Control

Pump Operator (6" discharge or over, gas diesel, powered or generator of 300 amp or larger)

Refrigerating Machine--Freezing operation Ross Carrier

Self-propelled convey transfer devise. Sheepfoot Roller (self-propelled)

Side Boom Tractor (smaller than D-4 type or equivalent)

Sweeper (Wayne type and similar equipment)

Telescoping laser finish machine (laser screed)

Tractor (pneu-tired, other than backhoe or front-end loader)

Trencher (8ft. digging capacity and smaller)

Trench Machine 24" and under

Tube Float (motorized)

Vac Truck

Washing Plant Operator Welder

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$64.00	\$83.38	\$102.75

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$80.82
10th hour	\$80.82
Beyond 10 hours	\$80.82

Saturday

First 8 hours	\$80.82
9th hour	\$80.82
10th hour	\$80.82
Beyond 10 hours	\$80.82

Sunday/Holiday	\$97.65
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

In the event work is unable to be performed on account of weather Monday through Thursday, then Friday work may be scheduled for the ten (10) hours, at straight-time.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Underground-324- Class III	Operating Engineer Underground	10/31/2024

Classification Description: Class III Equipment

- Air Compressor (600 CFM or larger)
- Air Compressor [two (2) or more - less than 600 CFM] Base Paver (Jersey or similar type machine)
- Boom Truck (Non swinging, Non powered type boom) Concrete Breaker
- Concrete Finishing Machine
- Concrete Paver (1 drum - 1/2 yard or larger) Curb Machine
- Elevator (other than passenger) Hoist (one drum)
- Jacks - Hydraulic Power-driven multiple jack system Maintenance Man
- Mechanics Helper Paving Breaker
- Power Broom Self-propelled
- Pump [two (2) or more 4 inch up to 6-inch discharge gas or diesel powered-excluding submersible pumps)
- Pumpcrete Machine and similar equipment Roller (Earth & Sub-base material) Screening Plant Operator
- Spike Machine (R.R.)
- Tamper-Multiple Vibrating-Earth and Sub-base material Tractor with Drill--50 H.P. or over Well Point System Wagon Drill (multiple)
- Welding Machine or Generator [two (2) or more 300 amp. Or larger -gas or diesel powered]
- Well Point System
- Widener (Apsco or similar type)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$63.27	\$82.28	\$101.29

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$79.78
10th hour	\$79.78
Beyond 10 hours	\$79.78
Saturday	
First 8 hours	\$79.78
9th hour	\$79.78
10th hour	\$79.78
Beyond 10 hours	\$79.78
Sunday/Holiday	
	\$96.29

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

In the event work is unable to be performed on account of weather Monday through Thursday, then Friday work may be scheduled for the ten (10) hours, at straight-time.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Underground-324- Class IV	Operating Engineer Underground	10/31/2024

Classification Description: Class IV Equipment

Air Compressor Operator (over 250 CFM)
All Mulching Equipment
All Walk Behind or Remote-Control Powered Equipment (autonomous equipment)
Assistant to Engineer Automatic Dry Batch Plant
Belt Spreader (motorized including transfer device by remote, wireless or cable) Boiler
Boom or Winch truck operator
Broom & Belt Machine
Chair Cart (Self-propelled) Concrete Pumps (under 3")
Curing Equipment Operator (self-propelled)
Deck Hand
Digger Post Hole (Power-driven)
End loader Operator (under 3/4-yard capacity)
Extend A Boom Forklift--under 10 Ton
Farm Tractor with attachments Finishing Machine (concrete)
Forklift under 10 ton
Form Grader (if motorized)
Georgia Buggy -Power wheel barrel 1 3/4 yard with a seat Generator (15 kw or greater)
Greaser Helper
Hydraulic pipe pushing machine Mechanical Heater
Mechanics Helper
Outboard or Inboard Motorboat Power Bin Operator
Pug Mill
Pumps - [two (2) or more up to 4 in. discharge if used three (3) hours or more a day - gas or diesel powered- excluding submersible pumps]
Roller (other than asphalt)
Seaman Tiller
Skid Steer
Stump Remover (Grinder)
Sweeper (Wayne type and similar equipment) Tamper
Trencher (service)
Vibratory Compaction Equipment Operator (6 ft. wide or over)
Walk Behind Forklift
Water Wagon

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$62.70	\$81.43	\$100.15

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$78.96
10th hour	\$78.96
Beyond 10 hours	\$78.96

Saturday

First 8 hours	\$78.96
9th hour	\$78.96
10th hour	\$78.96
Beyond 10 hours	\$78.96

Sunday/Holiday	\$95.22
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

In the event work is unable to be performed on account of weather Monday through Thursday, then Friday work may be scheduled for the ten (10) hours, at straight-time.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Operating Engineer Underground-324- Class V	Operating Engineer Underground	10/31/2024

Classification Description: Class V Equipment

Concrete/Asphalt Saw Operator- Power Driven (Less than 3 yrs. experience) Density/Soil Engineer
 Directional Boring Utility Man
 Discharge Pumps 4" or less (1 - 4 units) Dump Truck Operator
 Dumper (Wagon, Truck, Etc.) - or trade Fence Erector /Power Driven
 Guard Post Driver Operator (power driven) Hydra Seeder
 Light Plants (1 to 5 units) Oiler Fireman
 Operator of minor equip.
 Roto Mill Utility Grade Control Operator
 Scissor lifts and basket lifts where used for material hoisting
 Sign Installer/Sign Installer with Remote Control Operated Equipment
 Straw Blower or Brush Mulcher
 Top Man, And Railroad Track and Trestle Engineer Utility Engineer
 Water Blasting Utility Engineer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$39.95	\$53.88	\$67.80

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$52.06
10th hour	\$52.06
Beyond 10 hours	\$52.06
Saturday	
First 8 hours	\$52.06
9th hour	\$52.06
10th hour	\$52.06
Beyond 10 hours	\$52.06
Sunday/Holiday	
	\$64.17

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

In the event work is unable to be performed on account of weather Monday through Thursday, then Friday work may be scheduled for the ten (10) hours, at straight-time.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Painter - BR	Painter	05/10/2024

Classification Description: Painter

A 4-10s workweek allowed Monday-Thursday.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$40.09	\$52.29	\$64.49
Apprentice: 1st level	\$27.89	\$33.99	\$40.09
Apprentice: 2nd level	\$30.33	\$37.65	\$44.97
Apprentice: 3rd level	\$33.99	\$43.14	\$52.29
Apprentice: 4th level	\$37.65	\$48.63	\$59.61

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$52.29
10th hour	\$52.29
Beyond 10 hours	\$52.29

Saturday

First 8 hours	\$52.29
9th hour	\$52.29
10th hour	\$52.29
Beyond 10 hours	\$52.29

Sunday/Holiday	\$64.49
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Pipe and Manhole Rehab - 1	Pipe and Manhole Rehab	05/10/2024

Classification Description: General Laborer for rehab work or normal cleaning and cctv work-top man, scaffold man, CCTV assistant, jetter-vac assistant

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$28.20	\$38.20	\$48.19

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$38.20
10th hour	\$38.20
Beyond 10 hours	\$38.20

Saturday

First 8 hours	\$38.20
9th hour	\$38.20
10th hour	\$38.20
Beyond 10 hours	\$38.20

Sunday/Holiday	\$38.20
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Pipe and Manhole Rehab - 2	Pipe and Manhole Rehab	05/10/2024

Classification Description: Tap cutter/CCTV Tech/Grout Equipment Operator: unit driver and operator of CCTV; grouting equipment and tap cutting equipment

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$32.70	\$44.95	\$57.19

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$44.95
10th hour	\$44.95
Beyond 10 hours	\$44.95

Saturday

First 8 hours	\$44.95
9th hour	\$44.95
10th hour	\$44.95
Beyond 10 hours	\$44.95

Sunday/Holiday	\$44.95
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Pipe and Manhole Rehab - 3	Pipe and Manhole Rehab	05/10/2024

Classification Description: CCTV Technician/Combo Unit Operator: unit driver and operator of cctv unit or combo unit in connection with normal cleaning and televising work

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$31.45	\$43.07	\$54.69

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$43.07
10th hour	\$43.07
Beyond 10 hours	\$43.07

Saturday

First 8 hours	\$43.07
9th hour	\$43.07
10th hour	\$43.07
Beyond 10 hours	\$43.07

Sunday/Holiday	\$43.07
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Pipe and Manhole Rehab - 4	Pipe and Manhole Rehab	05/10/2024

Classification Description: Boiler Operator: unit driver and operator of steam/water heater units and all ancillary equipment associated

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$33.20	\$45.70	\$58.19

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$45.70
10th hour	\$45.70
Beyond 10 hours	\$45.70

Saturday

First 8 hours	\$45.70
9th hour	\$45.70
10th hour	\$45.70
Beyond 10 hours	\$45.70

Sunday/Holiday	\$45.70
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Pipe and Manhole Rehab - 5	Pipe and Manhole Rehab	05/10/2024

Classification Description: Combo Unit driver & Jetter-Vac Operator

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$33.20	\$45.70	\$58.19

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$45.70
10th hour	\$45.70
Beyond 10 hours	\$45.70

Saturday

First 8 hours	\$45.70
9th hour	\$45.70
10th hour	\$45.70
Beyond 10 hours	\$45.70

Sunday/Holiday	\$45.70
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Pipe and Manhole Rehab - 6	Pipe and Manhole Rehab	05/10/2024

Classification Description: Pipe Bursting & Slip-lining Equipment Operator

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$34.20	\$47.20	\$60.19

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$47.20
10th hour	\$47.20
Beyond 10 hours	\$47.20

Saturday

First 8 hours	\$47.20
9th hour	\$47.20
10th hour	\$47.20
Beyond 10 hours	\$47.20

Sunday/Holiday	\$47.20
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Pipefitter	Pipefitter	05/10/2024

Classification Description: Pipefitter, Steamfitter, HVAC-R mechanic

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$77.06	\$100.47	\$118.67
Apprentice: 10th period	\$42.91	\$57.34	\$70.42
Apprentice: 1st & 2nd periods	\$34.00	\$43.98	\$52.60
Apprentice: 3rd period	\$35.25	\$45.85	\$55.10
Apprentice: 4th period	\$36.25	\$47.35	\$57.10
Apprentice: 5th period	\$36.98	\$48.44	\$58.56
Apprentice: 6th period	\$38.23	\$50.32	\$61.06
Apprentice: 7th period	\$39.48	\$52.20	\$63.56
Apprentice: 8th period	\$40.48	\$53.70	\$65.56
Apprentice: 9th period	\$41.48	\$55.20	\$67.56

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$95.27
10th hour	\$95.27
Beyond 10 hours	\$113.47
Saturday	
First 8 hours	\$95.27
9th hour	\$95.27
10th hour	\$113.47
Beyond 10 hours	\$113.47
Sunday/Holiday	
	\$113.47

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: the township of Brighton only

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Plasterer - BAC 2 - Ann Arbor	Plasterer	09/17/2024

Classification Description: Plasterer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$60.46	\$77.56	\$94.66

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$60.46
10th hour	\$60.46
Beyond 10 hours	\$60.46

Saturday

First 8 hours	\$60.46
9th hour	\$60.46
10th hour	\$60.46
Beyond 10 hours	\$60.46

Sunday/Holiday	\$94.66
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Between Nov. 1 and Apr 30, if inclement weather, or other conditions beyond the Employer's control, Saturdays may be worked as make-up days. Make-up time shall be paid at the straight time rate until forty hrs are worked unless the standard workweek included a holiday, then 32 hrs straight time

Additional Jurisdiction Detail: The following Townships in Livingston (Brighton; including the city of Brighton, Cohoctah, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Howell; including the city of Howell, Marion, Osceola, Putnam and Tyrone).

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Plumber	Plumber	05/10/2024

Classification Description: Plumber

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$79.32	\$97.22	\$115.11
Apprentice: 1st Year	\$29.48	\$38.33	\$47.18
Apprentice: 2nd Year	\$33.10	\$42.83	\$52.55
Apprentice: 3rd Year	\$34.75	\$45.23	\$55.70

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$97.22
10th hour	\$97.22
Beyond 10 hours	\$115.11

Saturday

First 8 hours	\$97.22
9th hour	\$115.11
10th hour	\$115.11
Beyond 10 hours	\$115.11

Sunday/Holiday

\$115.11

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: Brighton Township only

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Plumber & Pipefitter - RI	Plumber & Pipefitter	05/10/2024

Classification Description: Plumber, Pipefitter and HVACTech

Four 10s allowed Monday thru Thursday. Friday not a makeup, considered OT, paid @ time & one-half.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$63.77	\$95.66	\$127.54	Over 8-hour day/40-hour week
Apprentice: 10th 6 months	\$59.74	\$89.61	\$119.48	9th hour \$83.92
Apprentice: 1st 6 months	\$41.61	\$62.42	\$83.22	10th hour \$83.92
Apprentice: 2nd 6 months	\$43.62	\$65.43	\$87.24	Beyond 10 hours \$83.92
Apprentice: 3rd 6 months	\$45.64	\$68.46	\$91.28	Saturday
Apprentice: 4th 6 months	\$47.65	\$71.48	\$95.30	First 8 hours \$83.92
Apprentice: 5th 6 months	\$49.67	\$74.50	\$99.34	9th hour \$83.92
Apprentice: 6th 6 months	\$51.68	\$77.52	\$103.36	10th hour \$83.92
Apprentice: 7th 6 months	\$53.70	\$80.55	\$107.40	Beyond 10 hours \$83.92
Apprentice: 8th 6 months	\$55.71	\$83.56	\$111.42	Sunday/Holiday \$104.06
Apprentice: 9th 6 months	\$57.73	\$86.60	\$115.46	

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Additional Jurisdiction Detail: EXCEPT the Townships of Brighton, Green Oaks, and Hamburg

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Plumber, Pipefitter, Welder & HVAC	Plumber, Pipefitter, Welder & HVAC	05/10/2024

Classification Description: Plumber, Pipefitter, Welder & HVAC

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$68.20	\$94.78	\$121.36
Apprentice: 1st Year	\$45.02	\$60.01	\$75.00
Apprentice: 2nd Year	\$49.05	\$66.06	\$83.06
Apprentice: 3rd Year	\$53.08	\$72.11	\$91.12
Apprentice: 4th Year	\$57.12	\$78.17	\$99.20
Apprentice: 5th Year-1st 6 months	\$59.13	\$81.18	\$103.22
Apprentice: 5th Year-2nd 6 months	\$61.15	\$84.21	\$107.26

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$88.37
10th hour	\$88.37
Beyond 10 hours	\$88.37
Saturday	
First 8 hours	\$88.37
9th hour	\$88.37
10th hour	\$88.37
Beyond 10 hours	\$88.37
Sunday/Holiday	
	\$108.53

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

4 tens can be worked between Monday and Friday

Additional Jurisdiction Detail: The Townships of Hamburg and Green Oaks ONLY.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Journeyman Roofer	Roofer	07/30/2024

Classification Description: Roofing and Waterproofing

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$60.48	\$78.14	\$95.80
Apprentice: 1st Class Apprentice	\$40.86	\$52.36	\$63.86
Apprentice: 2nd Class Apprentice	\$44.77	\$56.52	\$68.27
Apprentice: 3rd Class Apprentice	\$46.16	\$58.41	\$70.66
Apprentice: 4th Class Apprentice	\$48.44	\$61.63	\$74.81
Apprentice: 5th Class Apprentice	\$50.46	\$64.46	\$78.46
Apprentice: 6th Class Apprentice	\$51.95	\$66.49	\$81.03
Apprentice: 7th Class Apprentice	\$53.43	\$68.52	\$83.60

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$78.14
10th hour	\$78.14
Beyond 10 hours	\$78.14

Saturday

First 8 hours	\$78.14
9th hour	\$78.14
10th hour	\$78.14
Beyond 10 hours	\$78.14

Sunday/Holiday	\$95.80
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Sewer Relining Operator - Class I	Sewer Relining	05/10/2024

Classification Description: Class I-Operator of audio visual CCTV system including remote in-ground cutter and other equipment used in conjunction with CCTV system.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$52.84	\$69.23	\$85.62
Apprentice: 0-6 months	\$41.58	\$54.66	\$67.74
Apprentice: 6-12 months	\$45.31	\$60.26	\$75.20

Overtime Provisions	
Over 8-hour day/40-hour week	
9th hour	\$69.23
10th hour	\$69.23
Beyond 10 hours	\$69.23
Saturday	
First 8 hours	\$69.23
9th hour	\$69.23
10th hour	\$69.23
Beyond 10 hours	\$69.23
Sunday/Holiday	\$85.62

Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Sewer Relining Operator - Class II	Sewer Relining	05/10/2024

Classification Description: Class II-Operator of hot water heaters and circulation system; water jetters; and vacuum and mechanical debris removal systems and those assisting.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$50.80	\$68.49	\$86.18

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$66.30
10th hour	\$66.30
Beyond 10 hours	\$66.30

Saturday

First 8 hours	\$66.30
9th hour	\$66.30
10th hour	\$66.30
Beyond 10 hours	\$66.30

Sunday/Holiday	\$81.79
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Four 10-hour days allowed? - No

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Sheet Metal Worker	Sheet Metal Worker	05/10/2024

Classification Description: Sheet Metal Worker
4 10s allowed as consecutive days, M-Th or T-F

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$56.87	\$75.25	\$93.62
Apprentice: First Year	\$30.01	\$39.20	\$48.39
Apprentice: Fourth Year	\$49.52	\$64.22	\$78.92
Apprentice: Second Year	\$36.34	\$47.37	\$58.39
Apprentice: Third Year	\$45.84	\$58.70	\$71.56

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$75.25
10th hour	\$75.25
Beyond 10 hours	\$75.25

Saturday

First 8 hours	\$75.25
9th hour	\$93.62
10th hour	\$93.62
Beyond 10 hours	\$93.62

Sunday/Holiday	\$93.62
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Make up day allowed for work missed due to inclement weather, make up hours to be paid at regular rate of pay.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Sprinkler Fitter	Sprinkler Fitter	05/10/2024

Classification Description: Sprinkler Fitter

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$60.34	\$78.45	\$96.56
Apprentice: Class 1	\$24.57	\$32.72	\$40.87
Apprentice: Class 10	\$52.07	\$68.37	\$84.67
Apprentice: Class 2	\$26.38	\$35.43	\$44.49
Apprentice: Class 3	\$39.14	\$49.10	\$59.06
Apprentice: Class 4	\$40.95	\$51.82	\$62.68
Apprentice: Class 5	\$43.01	\$54.78	\$66.55
Apprentice: Class 6	\$44.82	\$57.49	\$70.17
Apprentice: Class 7	\$46.63	\$60.21	\$73.79
Apprentice: Class 8	\$48.45	\$62.94	\$77.43
Apprentice: Class 9	\$50.26	\$65.65	\$81.05

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$78.45
10th hour	\$78.45
Beyond 10 hours	\$78.45
Saturday	
First 8 hours	\$78.45
9th hour	\$78.45
10th hour	\$78.45
Beyond 10 hours	\$78.45
Sunday/Holiday	
	\$96.56

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Tile, Marble & Terrazzo Finisher-BAC2-Metro Detroit	Tile, Marble and Terrazzo	11/14/2024

Classification Description: Work: Assisting mechanics (e.g., tile, marble, terrazzo workers) with tasks necessary for completing installations.

Materials: Supporting materials used for tile, marble, or terrazzo work, such as cement and adhesives.

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$54.19	\$68.23	\$82.26
Apprentice: TMT Finisher Apprentice Level 4	\$40.89	\$52.12	\$63.35
Apprentice: TMT Finisher Apprentice 1st Level	\$36.68	\$45.81	\$54.93
Apprentice: TMT Finisher Apprentice 2nd Level	\$38.08	\$47.91	\$57.73
Apprentice: TMT Finisher Apprentice 3rd Level	\$39.48	\$50.01	\$60.53
Apprentice: TMT Finisher Apprentice Level 5	\$42.29	\$54.22	\$66.15
Apprentice: TMT Finisher Apprentice Level 6	\$43.69	\$56.32	\$68.95
Apprentice: TMT Setter Apprentice 7thLevel	\$35.64	\$48.98	\$62.31

Overtime Provisions

Over 8-hour day/40-hour week	
9th hour	\$68.22
10th hour	\$68.22
Beyond 10 hours	\$68.22
Saturday	
First 8 hours	\$68.22
9th hour	\$68.22
10th hour	\$68.22
Beyond 10 hours	\$68.22
Sunday/Holiday	
	\$82.26

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Tile, Marble & Terrazzo Mechanic - BAC 2 - Metro Detroit	Tile, Marble and Terrazzo	11/14/2024

Classification Description: Work: Installing and finishing mosaic and terrazzo materials, including precision tasks like grinding and polishing. Adding aggregate to the top of the finished base and troweled or rolled into the finish.
 Materials: Marble, mosaic, Venetian enamel, terrazzo, granules of marble, granite, bluestone, enamel, mother of pearl, quartz, ceramic-colored quartz, rubber, neoprene, vinyl, magnesium chloride, and resinous or chemical substances.

Wage Rates	Straight Time	Time and a Half	Double Time	Overtime Provisions
Total Hourly Wage	\$60.99	\$87.01	\$113.01	Over 8-hour day/40-hour week
Apprentice: TMT Setter Apprentice 1st Level	\$41.07	\$51.50	\$61.93	9th hour \$60.99
Apprentice: TMT Setter Apprentice 2nd Level	\$42.81	\$54.11	\$65.41	10th hour \$60.99
Apprentice: TMT Setter Apprentice 3rd Level	\$44.55	\$56.72	\$68.89	Beyond 10 hours \$60.99
Apprentice: TMT Setter Apprentice 4th Level	\$46.29	\$59.33	\$72.37	Saturday
Apprentice: TMT Setter Apprentice 5th Level	\$48.03	\$61.94	\$75.85	First 8 hours \$60.99
Apprentice: TMT Setter Apprentice 6th Level	\$49.76	\$64.55	\$79.33	9th hour \$60.99
Apprentice: TMT Setter Apprentice 7th Level	\$51.50	\$67.15	\$82.79	10th hour \$60.99
Apprentice: TMT Setter Apprentice 8th Level	\$53.24	\$69.76	\$86.27	Beyond 10 hours \$60.99
				Sunday/Holiday \$95.76

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Tower Technician	Tower Technician	05/13/2024

Classification Description:

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$67.89	\$98.24	\$128.58

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$98.24
10th hour	\$98.24
Beyond 10 hours	\$98.24

Saturday

First 8 hours	\$98.24
9th hour	\$98.24
10th hour	\$98.24
Beyond 10 hours	\$98.24

Sunday/Holiday	\$128.58
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

ONLY due to inclement weather or customer requirements may Friday be used as a make up day if the normal scheduled work week was interrupted and time lost of five (5) hours or more was incurred by workmen covered under the terms of the 6-17-C/6-876-T agreement.

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Truck Driver - RB1	Truck Driver	05/10/2024

Classification Description: on all trucks of 8 cubic yard capacity or less (except dump trucks of 8 cubic yard capacity or over, tandem axle trucks, transit mix and semis, euclid type equipment, double bottoms and low boys)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$53.95	\$70.30	\$86.64

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$69.32
10th hour	\$69.32
Beyond 10 hours	\$69.32

Saturday

First 8 hours	\$69.32
9th hour	\$69.32
10th hour	\$69.32
Beyond 10 hours	\$69.32

Sunday/Holiday	\$84.69
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Truck Driver - RB1A	Truck Driver	05/10/2024

Classification Description: of all trucks of 8 cubic yard capacity or over semi, tractor trailer

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$54.10	\$70.52	\$86.94

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$69.55
10th hour	\$69.55
Beyond 10 hours	\$69.55

Saturday

First 8 hours	\$69.55
9th hour	\$69.55
10th hour	\$69.55
Beyond 10 hours	\$69.55

Sunday/Holiday	\$84.99
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Truck Driver - RB1B	Truck Driver	05/10/2024

Classification Description: on euclid type equipment, Pole drier, lowboy, doubles, fuel, bus, water

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$54.20	\$69.70	\$85.19

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$69.70
10th hour	\$69.70
Beyond 10 hours	\$69.70

Saturday

First 8 hours	\$69.70
9th hour	\$69.70
10th hour	\$69.70
Beyond 10 hours	\$69.70

Sunday/Holiday	\$85.19
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - Yes

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Truck Driver - RB2	Truck Driver	05/10/2024

Classification Description: of all trucks of 8 cubic yd capacity or over

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.10	\$48.81	\$49.80

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$56.55
10th hour	\$56.55
Beyond 10 hours	\$56.55

Saturday

First 8 hours	\$56.55
9th hour	\$56.55
10th hour	\$56.55
Beyond 10 hours	\$56.55

Sunday/Holiday	\$56.55
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Truck Driver - RB2A	Truck Driver	05/10/2024

Classification Description: of all trucks of 8 cubic yard capacity or less (except dump trucks of 8 cubic yard capacity or over, tandem axle trucks, transit mix and semis, euclid type equipment, double bottoms and low boys)

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.00	\$48.66	\$49.60

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$56.40
10th hour	\$56.40
Beyond 10 hours	\$56.40

Saturday

First 8 hours	\$56.40
9th hour	\$56.40
10th hour	\$56.40
Beyond 10 hours	\$56.40

Sunday/Holiday

\$56.40

Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No

Prevailing Wage Rates for State Funded Projects

Official Rate Schedule

Livingston

Classification Name	Category	Last Updated
Truck Driver - RB2B	Truck Driver	05/10/2024

Classification Description: on euclid type equipment

Wage Rates	Straight Time	Time and a Half	Double Time
Total Hourly Wage	\$44.25	\$49.04	\$0.00

Overtime Provisions

Over 8-hour day/40-hour week

9th hour	\$56.78
10th hour	\$56.78
Beyond 10 hours	\$56.78

Saturday

First 8 hours	\$56.78
9th hour	\$56.78
10th hour	\$56.78
Beyond 10 hours	\$56.78

Sunday/Holiday	\$56.78
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Four 10-hour days allowed? - Yes

Make Up Day Allowed? - No