BID/CONTRACT DOCUMENTS TOWNSHIP LINE ROAD BRIDGE #134-3.76 REPLACEMENT PROJECT 5% EDGE REQUIREMENT

ON BEHALF OF NEIL F. TUNISON WARREN COUNTY ENGINEER

WARREN COUNTY BOARD OF COMMISSIONERS 406 JUSTICE DRIVE LEBANON, OHIO 45036 (513) 695-1250

PROPOSAL PRICE (BID) SHEET

TOWNSHIP LINE ROAD BRIDGE #134-3.76 REPLACEMENT PROJECT BID PROPOSAL

				Unit	Total
No.	Description	Quantity	Unit	Cost	Cost
	ROADWAY				
	Clearing and Grubbing, As Per Proposal Note	1	Lump		
	Mailbox Removed and Reset, As Per Proposal Note	3	Each		
	Headwall Removed	1	Each		
	Pavement Removed, Asphalt	1,051	SY		
	Pipe Removed, 24" and Under	132	FT		
202	Guardrail Removed	141	FT		
202	Catch Basin Removed	1	Each		
202	Fence Removed	193	FT		
203	Excavation	374	CY		
203	Embankment	1,496	CY		
606	Guardrail, MGS with Long Posts	437.5	FT		
606	Anchor Assembly, Type E (Long Posts)	2	Each		
606	Anchor Assembly, Type T (Long Posts)	2	Each		
	Fence, Type 47	193	FT		
				Sub-Total =	
	EROSION CONTROL				
601	Rock Channel Protection, Type B with Filter	66	CY		
659	Topsoil	173	CY		
659	Seeding and Mulching	1,550	SY		
	Repair Seeding and Mulching	78	SY		
659	Commercial Fertilizer	0.21	Ton		
659	Lime	0.33	Acre		
659	Water	8.37	M Gal		
832	Erosion Control, As Per Proposal Note	5,000	Each	\$ 1.00	\$ 5,000.00
	,	Í		Sub-Total =	ĺ
	DRAINAGE				
602	Concrete Masonry	0.31	CY		
	12" Conduit, Type D, 706.02	33	FT		
	18" Conduit, Type D, 706.02	111	FT		
	Catch Basin, No. 2-2B	1	Each		
				Sub-Total =	

TOWNSHIP LINE ROAD BRIDGE #134-3.76 REPLACEMENT PROJECT BID PROPOSAL

Item No.	Description	O	T1\$4	Unit	Total
No.	Description	Quantity	Unit	Cost	Cost
	PAVEMENT				
204	Subgrade Compaction	1,150	SY		
301	Asphalt Concrete Base, PG64-22	258	CY		
407	Tack Coat	213	Gal		
441	Asphalt Concrete Surface Course, Type 1, (449), PG64-22	46	CY		
441	Asphalt Concrete Intermediate Course, Type 1, (449), PG64-22	42	CY		
441	Asphalt Concrete Intermediate Course, Type 1, (447), 1 G04-22	42	CI	Sub-Total =	
				Sub-Total –	
	TRAFFIC CONTROL	+			
626	Barrier Reflector, Type 2 (Bi-Directional)	8	Each		
644	Edge Line, 4"	0.14	Mile		
644	Center Line	0.07	Mile		
				Sub-Total =	
	BRIDGE				
202	Structure Removed, As Per Proposal Note	1	Lump		
503	Cofferdams and Excavation Bracing, As Per Proposal Note	1	Lump		
503	Unclassified Excavation, As Per Proposal Note	1	Lump		
509	Epoxy Coated Reinforcing Steel	6,297	Pounds		
511	Class QC 1 Concrete, Footing, As Per Proposal Note	65	CY		
511	Concrete Headwall/Wingwalls, As Per Plan	1	Lump		
512	Type 2 Waterproofing, As Per Proposal Note	245	SY		
512	Sealing of Concrete Surfaces (Epoxy Urethane), As Per Proposal Note	118	SY		
516	1" Preformed Expansion Joint Filler	77	SF		
518	Porous Backfill with Geotextile Fabric	17	CY		
518	6" Perforated Corrugated Plastic Pipe	76	FT		
518	6" Non-Perforated Corrugated Plastic Pipe, Including Specials	34	FT		
611	Type A Precast Reinforced Concrete Three-Sided Flat Topped Culvert,	49	FT		
	20' Span x 10' Rise, 706.051, As Per Proposal Note				
				Sub-Total =	

TOWNSHIP LINE ROAD BRIDGE #134-3.76 REPLACEMENT PROJECT BID PROPOSAL

Item				Unit	Total
No.	Description	Quantity	Unit	Cost	Cost
	WATER MAIN				
202	Abandon Existing 8" Water Main	380	FT		
638	8" Water Main, Ductile Iron Pipe, ANSI Class 52,	416	FT		
	Mechanical Restrained Joints, Polyethylene Encasement				
638	8" Class 350 Ductile Iron 11.25 Degree Bend	3	Each		
638	8" Class 350 Ductile Iron 45 Degree Bend	4	Each		
638	Fire Hydrant Assembly - Complete	1	Each		
638	3/4" Water Services	2	Each		
638	Water Main Flushing, Disinfecting, and Pressure Testing	1	Each		
				Sub-Total =	
	MISCELLANEOUS				
614	Maintaining Traffic, As Per Proposal Note	1	Lump		
623	Construction Layout Stakes and Surveying, As Per Proposal Note	1	Lump		
624	Mobilization	1	Lump		
				Sub-Total =	
				Project Total=	

BID PROPOSAL

Proposal for the Township Line Road Bridge #134-3.76 Replacement Project. This work consists of replacing the existing bridge and completing the related roadway items along Township Line Road. The project shall be as per plans and specifications as provided by the Warren County Engineer.

The undersigned do hereby propose to furnish all labor, materials, tools, equipment, etc., necessary to construct this project for the Warren County Engineer's Office. The above quotations to be in full force and effect for sixty (60) days after the date of opening bids. The full name and address of all persons and parties interested in the foregoing bids as principals are as follows:

The contract will be awarded to the best and most responsive bid based on the qualifications of the Contractor and the total price of the Total Bid Price.

PRESIDENT COMPANY BY TITLE DATE ADDRESS

EXCEPTION SHEET

<u>Exceptions</u>: Exceptions to any bid specification must be clearly stated on this sheet. This sheet must be submitted with each bid. If there are no exceptions, please indicate "none" below.

1)		
2)		
3)		
4)		
5)		
6)		
7)		
8)		
9)		
10)		

BIDDER IDENTIFICATION

ATTENTION BIDDER:	Please fill out this form and submit with your bid.
COMPANY NAME:	
CHIEF EXECUTIVE OFFICER:	-
ADDRESS:	
PHONE NUMBER:	
FAX NUMBER:	
PROJECT CONTACT PERSON:	
PHONE NUMBER:	
E-MAIL ADDRESS:	
FEDERAL ID #:	
WEBSITE ADDRESS:	

TABLE OF CONTENTS

Proposal Price (Bid) She	e
Exception Sheet	
Bidder Identification	

A)	Invitation to Bidders
	Directions to Warren County Administration Building
B)	General Instructions to Bidders

- C) Affidavit of Non-Collusion
- D) Bid Guaranty & Contract Bond
- E) Performance Bond
- F) Contract
- G) Bond & Insurance Requirements
- H) Experience Statement
- I) Affidavit of Non-Delinquency of Real and/or Personal Property Tax
- J) Non-Discrimination and Equal Employment Opportunity Requirements and Affidavit
- K) Findings for Recovery Affidavit
- L) Wage Rate Determination
- M) Special Provisions/Technical Specifications and ODOT's LPA Template

SECTION A INVITATION TO BIDDERS

INVITATION TO BIDDERS

Separate sealed bids for the Township Line Road Bridge #134-3.76 Replacement Project will be received by the Warren County Board of Commissioners at the Office of the Warren County Commissioners, 406 Justice Drive, Lebanon, Ohio 45036, until 10:30 a.m., December 10, 2024, and then at said time publicly opened and read aloud.

Bid documents and specifications are available online at the Warren County's Website at http://www.co.warren.oh.us/commissioners/Bids/Default.aspx. Questions regarding the technical specifications should be directed to Roy Henson, Bridge Engineer, at the Warren County Engineer's Office, at (513) 695-3310. Only ODOT prequalified contractors are eligible to submit bids for this Project. Pre-qualification status must be in force at the time of bid, at the time of award, and through the life of the construction contract. For work types that ODOT does not prequalify, the LPA must still select a qualified contractor. Subcontractors are not subject to the pre-qualification requirement. The "prime" contractor must perform no less than 30 percent of the total original contract price. Each bid shall contain the full name of each person or company submitting the bid and be accompanied by a bid bond for the full amount of the bid or a certified check in the amount equal to ten (10) percent of the bid.

A Bid guaranty, as required by Ohio Revised Code, Section 153.54, shall accompany each proposal submitted, as follows:

1. A Certified check, cashier's check, or letter of credit equal to ten (10) percent of the bid. A letter of credit may only be revocable by the Owner. Upon entering into a contract with the Owner, the contractor must file a performance bond for the amount of the contract, and the bid guaranty will then be returned to the successful and unsuccessful bidders upon contract execution.

OR

2. A form of bid guaranty bond (attached) for the full amount of the bid. Such bond is retained for the successful bidder but returned to unsuccessful bidders after the contract is executed.

All contractors and subcontractors involved with the project will, to the extent practicable, use Ohio products, materials, services, and labor in the implementation of their project. Additionally, contractor compliance with the employment opportunity requirements of Ohio Administrative Code Chapter 123 is required.

Contact the Warren County Commissioner's Office at (513) 695-1254 should you need assistance in accessing the bidding information on the County's website. All contract addenda will be posted to the website prior to the bid opening. Bidders should check the website regularly to stay updated on any changes to the project.

Please be aware that if you are downloading this document to bid this project, and in order to stay updated on any change, please email Krystal Powell in the Commissioners' Office at krystal.powell@co.warren.oh.us with your contact information.

Attention of bidders is called to all of the requirements contained in the bid packet. No bidder may withdraw his/her bid within sixty (60) days after the actual date of the opening thereof. All bids shall be properly signed by an authorized representative of the bidder.

All bids shall be sealed and plainly marked "Bid Opening – Township Line Road Bridge #134-3.76 Replacement Project, December 10, 2024 @ 10:30 a.m."

Warren County reserves the right to reject any or all bids submitted, to waive any irregularities in bids, and enter into a contract with the Bidder who in Warren County's consideration offered the lowest and best bid.

By order of the Board of County Commissioner, County of Warren, State of Ohio.							
	Krystal Powell, Clerk						



DIRECTIONS FROM INTERSTATE HIGHWAYS 71 & 75 TO

COUNTY ADMINISTRATION BUILDING

1 123

LEASANT PLAI

MORROW





SOUTH LEBANON

(I)

MAINEVILLE



FROM INTERSTATE 75:

Take Monroe / Lebanon Exit 29,
Head East on S. R. 63 into Lebanon,

KENTUCKY

- · Turn right onto East Street,
- Turn left onto Justice Drive,
- Turn left into parking lot,
- At first driveway on left.

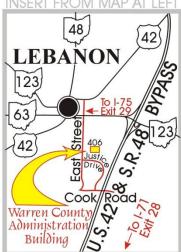
- FROM INTERSTATE 71: Take Lebanon / South Lebanon Exit 28,
- Head North on U. S. 42 / S. R. 48 Bypass, Turn left onto Cook Road at traffic light,
- Turn at first right onto Justice Drive, Turn right at first street on right,
- Then left into parking lot at first left.

INSERT FROM ABOVE MAP 48 [42]

IASON



INSERT FROM MAP AT LEFT



Map Prepared By: Warren County Regional Planning Commission

SECTION B GENERAL INSTRUCTIONS TO BIDDERS

GENERAL INSTRUCTIONS TO BIDDERS

1. Receipt and Opening of Bids: The Warren County Board of Commissioners (herein referred to as "Owner"), invites bids on the form attached hereto, all blanks of which must be appropriately filled in. Bids will be received by the Owner at the Office of the Warren County Board of Commissioners until 10:30 a.m., December 10, 2024, and then at said office publicly opened and read aloud. The envelopes containing the bids must be sealed, addressed to Warren County Board of Commissioners at 406 Justice Drive, Lebanon, Ohio 45036. Bids shall be submitted in a sealed envelope clearly marked "Bid Opening – The Township Line Road Bridge #134-3.76 Replacement Project, December 10, 2024 @ 10:30 a.m."

The Owner may consider informal any bid not prepared and submitted in accordance with the provisions hereof and may waive any informalities or reject any and all bids. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within 60 days after the actual date of the opening thereof.

- 2. Withdrawal of Bid: A Bidder may withdraw his bid from consideration if the price bid was substantially lower than the other bids, provided the bid was submitted in good faith and the reason for the price being substantially lower was a clerical mistake as opposed to a judgment mistake and was actually due to an unintentional omission of a substantial quantity of work, labor or material made directly in the compilation of the bid. Request to withdraw such bid must be made in writing and filed with the Owner within two business days after the opening of bids and prior to the acceptance thereof.
- 3. **Preparation of Bid:** Each bid must be submitted on the prescribed form and such documents as hereunder described. All blank spaces for bid prices must be filled in, in ink or typewritten, in both words and figures, and the foregoing certifications must be fully completed and executed when submitted.
- 4. **Method of Bidding:** The Owner invites the following bid(s):

Township Line Road Bridge #134-3.76 Replacement Project

Bids shall be submitted at the time and place indicated in the Invitation to Bidder and shall be included in a sealed envelope, marked with the project title and name and address of the bidder, and accompanied by the bid security and other required documents.

Bids may be modified or withdrawn by an appropriate document duly executed (in the manner that a bid must be executed) and delivered to the place where bids are to be submitted at any time prior to the opening of bids.

The Owner invites unit price bids for the construction described in the plans and specifications. These unit prices shall be extended by estimated quantities to develop a total price for the project.

If the total price received from the lowest and best bidder exceeds the amount of funds available to finance the contract, the Owner may:

a. Reject all bids;

- b. Augment the funds available in an amount sufficient to enable award to the lowest and best bidder;
- c. Reduce the scope of work by eliminating certain items of work to produce a total bid which is within available funds;
- d. Reduce the scope of work by reducing the quantity of certain items of work to produce a total bid which is within available funds;
- e. Reduce the scope of work by a combination of adjustments as outlined in "c" and "d" above to produce a total bid which is within available funds.
- f. The Owner may reject all bids or may award the contract on the base bid or on the base bid combined with additions or deductible alternates as produces a net amount which is within the available funds.
- g. The Owner may consider informal and may reject any bid not prepared and submitted in accordance with the provisions hereof. The Owner reserves the right to reject all bids, to waive any informalities or irregularities in the bids received, and to accept any bid which is deemed lowest and best.
- 5. Qualification of Bidder: The Owner may make such investigations as he/she deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the Owner that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein; conditional bids will not be accepted.
- 6. **<u>Bid Security</u>**: Each bid must be accompanied by cash, certified check of the bidder, letter of credit equal to ten (10) percent of the bid, or a bid bond prepared on the form of bid bond attached hereto, duly executed by the bidder as principal and having as surety thereon a surety company approved by the Owner. (See Invitation to Bidders for required amounts) Such cash, checks or bid bonds will be returned to bidders after the Owner has awarded the bid and has executed the contract, or, if no award has been made within 60 days after the date of the opening of bids, upon demand of the bidder at any time thereafter, so long as he/she has not been notified of the acceptance of his/her bid.
- 7. Liquidated Damages for Failure to Enter into Contract: Submission of a bid shall be a representation by the Contractor that it has fully reviewed and is familiar with the Contract and all contract documents as defined in the contract and will execute the contract if awarded the bid. The successful bidder, upon his/her failure or refusal to execute and deliver the Contract (attached hereto) and required bonds within 10 days after he/she has received notice of the acceptance of his/her bid, shall forfeit to the Owner, as liquidated damages for such failure or refusal, the security deposited with his/her bid.
- 8. <u>Time of Completion and Liquidated Damages</u>: Bidder must agree to commence work on or before a date to be specified in a written "Notice to Proceed" of the Owner and to fully complete project 12 weeks after the start of construction. The completion date may be extended in the event of adverse weather conditions. Bidder must agree also to pay as liquidated damaged the sum of \$600.00 for each consecutive calendar day thereafter.

- 9. **NO DAMAGE FOR DELAY:** No payment, compensation or adjustment of any kind shall be made to the contract price for damages incurred by the contractor because of hindrances or delays in the progress of the work from any cause that is not proximately caused by the Owner's action or failure to act. Whether such hindrances or delays are avoidable or unavoidable, the contractor agrees that he or she will make no claim for compensation, damages, or mitigation of liquidated damages for any such delays. Examples of delays include (but are in no manner limited to) obtaining all necessary permission from any government agency or any private party, any act or failure to act by any other contractor, subcontractor and/or supplier, all foreseen and unforeseen events and any conditions or acts of God. It is understood and agreed that the contractor assumes all risks of delays in prosecuting or completing the work under the contract that are not proximately caused by the Owner's action or failure to act. The contractor will accept in full satisfaction for such delays, an extension of time, if any, agreed to by the Owner.
- 10. <u>Conditions of Work:</u> Each bidder must inform him/herself fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of his/her obligation to furnish all material and labor necessary to carry out the provisions of his/her contract. Insofar as possible the contractor, in carrying out the work, must employ such methods or means or will not cause any interruption of or interference with the work of any other contractor.
- 11. Addenda and Interpretations: No interpretation of the meaning of the plans, specifications or other pre-bid documents will be made to any bidder orally. Every request for such interpretation must be in writing and addressed to: Roy Henson, Warren County Engineer's Office, 210 West Main Street, Lebanon, Ohio, 45036, and to be given consideration must be received at least five days prior to the date fixed for the opening of bids. All such interpretations and any supplemental instructions will be in the form of written addenda to the specifications which, if issued, will be mailed by certified mail with return receipt requested to all prospective bidders (at the respective addresses furnished for such purposes), no later than three days prior to the date fixed for the opening of bids. Failure of any bidder to receive any such addendum or interpretations shall not relieve such bidder from any obligation under his/her bid as submitted. All addenda so issued shall become part of the contract documents.
- 12. <u>Security for Faithful Performance</u>: Simultaneously with the delivery of the executed Contract, the Contractor shall furnish payment and performance bonds as security for faithful performance of this contract and for the payment of all subcontracts, suppliers and laborers performing labor on the project under the Contract and furnishing materials in connection with the Contract.

The surety on such bond or bonds shall be a duly authorized surety company satisfactory to the Owner. Please note that upon execution of the Contract if a Bid Guaranty/Contract Bond was submitted with your original bid a Performance Bond will not be required.

- 13. **Power of Attorney:** Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.
- 14. <u>Laws and Regulations</u>: The bidder's attention is directed to the fact that all applicable State laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written out in full.
- 15. <u>Method of Award</u>: The Owner may reject all bids or may award the contract on the base bid or on the base bid combined with additions or deductible alternates as produces a net

amount which is within the available funds. To determine lowest and best bidder, the price of the bid will be given equal weight against the totality of the following factors: 1.) the bidder's information provided in the Section Experience Statement which shall be used to judge responsibility, experience, skill, financial standing, feedback from references or prior clients—which may include Owner; 2.) the Exception Sheet; 3.) availability, proximity, and familiarity to job site."

- 16. Obligation of Bidder: At the time of the opening of bids each bidder will be presumed to have inspected the site and to have read and to be thoroughly familiar with the plans and contract documents (including all addenda). The failure or omission of any bidder to examine any form, instrument or document shall in no way relieve any bidder from any obligation in respect of his/her bid.
- 17. <u>Safety Standards and Accident Prevention:</u> With respect to all work performed under this contract, the Contractor shall:
 - a. Comply with the safety standards provisions of applicable laws, building and construction codes and the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America, the requirements of the Occupational Safety and Health Act of 1970 (Public Law 91-596), and the requirements of title 29 of the code of Federal Regulations, Section 1518 as published in the "Federal Register", Volume 36, N. 75, Saturday, April 17, 1971.
 - b. Exercise every precaution at all times for the prevention of accidents and the protection of persons (including employees) and property.
 - c. Maintain at his/her office or other well-known place at the job site, all articles necessary for giving first aid to the injured and shall make standing arrangements for the immediate removal to a hospital or doctor's care of persons (including employees) who may be injured at the job site. In no case shall employees be permitted to work at a job site before the employer has made a standing arrangement for removal of injured persons to a hospital or a doctor's care.
- 18. **Examination of Site:** Each bidder shall and is hereby directed to inspect the entire site of the proposed work and judge for him/herself as to all the circumstances affecting the cost and progress of the work and shall assume all patent and latent risks in connection therewith.
- 19. <u>Soil Conditions</u>: Subject to the convenience of the Owner, prospective bidders will be permitted to explore the site by making borings or digging test pits. In such event, the work shall be done at the sole expense and risk of the bidder, and he/she shall maintain and restore the site to original condition. The Owner does not guarantee the accuracy of any information or samples which it may have obtained from test borings or otherwise as to the kind or condition of the soil that may be encountered in the prosecution of the proposed work, neither does the Owner represent that the plans and specifications drawn are based upon any data so obtained. The Owner does not make any representation as to the soil which may be encountered or of soil or water which underlies the work or is adjacent thereto, including any difficulties that may be due to quicksand, or other unfavorable conditions that may be encountered in the work, whether apparent upon surface inspection or disclosed in the process of carrying forward the work.
- 20. <u>Water Supply:</u> All water for construction purposes, as well as the expense of having water conveyed about the work, must be provided by the Contractor and the cost of this work shall

be included in the unit prices stipulated for the various items of the work to be done under this contract.

- 21. **Working Facilities:** The plans show, in the general manner, the existing structures and the land available for construction purposes. The bidders must satisfy themselves of the conditions and difficulties that may be encountered in the execution of the work at this site.
- 22. **Permits:** The Contractor shall take out all necessary permits from the proper authorities and shall give all notices required by law or ordinance. The charge or fee for any permit issued by the proper authority shall be borne by the contractor.
- 23. <u>Signature of Bidders</u>: The firm, corporate or individual name of the bidder must be signed in ink in the space provided for the signatures on the proposed blanks. In the case of a corporation, the title of the officer signing must be stated, and such officer must be thereunto duly authorized and the seal of said corporation duly affixed. In the case of a partnership, the signature of at least one of the partners must follow the firm name, using the term "member of the firm." In the case of an individual, use the terms "doing business as", or "sole owner." The bidder shall further state in his/her proposal the name and address of each person or corporation interested therein.
- 24. **Right to Accept or Reject Proposals:** The Owner may consider informal and may reject any bid not prepared and submitted in accordance with the provisions hereof. The Owner reserves the right to reject all bids, to waive any informalities or irregularities in the bids received, and to accept any bid which is deemed lowest and best.
- 25. Non-Collusion Affidavit: The successful bidder will be required to submit a non-collusion affidavit on the form included in these Bid/Contract documents (Section C). This affidavit shall be dated and executed as part of this bid.
- 26. **EEO Compliance:** Bidders, please see Section J for EEO Compliance Requirements and Affidavit.
- 27. **Prevailing Wage Rates:** This Project is subject to Prevailing Wage Requirements. In the event that the rate of wages paid for any trade or occupant in the locality where such work is being performed are under current collective agreements or understandings between bona fide organizations of labor and employer, then the wages to be paid shall be not less than such agreed wage rates, nor less than the minimum rates compiled by the Federal Labor Standard Act. A copy of these prevailing wage rates has been included in these specifications as Exhibit L. Every Contractor and Subcontractor who is subject to Ohio Revised Code, Chapter 4115 shall, as soon as he/she begins performance under his/her contract with the Owner, supply the Prevailing Wage Coordinator for the Owner a schedule of the dates on which he/she is required to pay wages to employees. He/She shall also deliver to the Prevailing Wage Coordinator within three weeks after each pay date, a certified copy of his/her payroll which shall exhibit for each employee paid any wages, name, current address, social security number, number of hours worked each day of the pay period and the total for each week, hourly rate of pay, job classification, fringe payments, and deductions from wages. The certification of each payroll shall be executed by the Contractor, Subcontractor, or duly appointed agent thereof and shall recite that the payroll is correct and complete and that the wage rate shown is not less than those required by the contract.

In case the Owner orders the Contractor to perform extra or additional work which may make it necessary for the Contractor or any Subcontractor under this contract to employee a person not herein specified, the Owner will include in the contract change order for such extra or

additional work, a minimum wage rate for such trade or occupation, and insofar as such extra or additional work is concerned, there shall be paid to each employee engaged in work of such trade or occupation, not less than the wage so included. Insofar as possible, local labor shall be employed on this work.

- 28. <u>Subletting of Contract</u>: The Contractor shall not sublet, sell, transfer, or assign any portion of the contract without written consent of the Owner or his/her designated agent. When such consent is given, the Contractor will be permitted to sublet a portion thereof, but shall perform with his/her own organization, work amounting to no less than fifty percent of the total contract cost, except that any time designated in the contract before computing the amount of work required to be performed by the Contractor with his/her own organization, No subcontract, or transfer of contract, shall in any way release the Contractor of his/her liability under the contract and bonds.
- 29. **Required Insurance:** In accordance with the specifications, the Contractor, without restricting the obligations and liabilities assumed under the Contract Documents, shall at his/her own cost and expense purchase and maintaining in force until final acceptance of his/her work, the forms of insurance coverage listed below.

Certificates from the insurance carrier stating the limits of liability and expiration date shall be filed with the Owner before operations are begun. Such certificates shall not merely name the types of policy provided but **shall specifically refer to this Contract** and shall name the Board of Warren County Commissioners as additionally insured. However, the original policy for Owner's Protective Bodily Injury (Item D) and Property Damages (Item E) shall at this time be delivered to the Owner for its possession.

All policies as hereinafter required shall be so written that the Owner will be notified of cancellation or restrictive amendment at least ten days prior to the effective date of such cancellation or amendment.

Item A - Workers Compensation and/or Employer's liability Insurance as required or specified by State Law.

Item B – Comprehensive General Liability Insurance: In an amount not less than \$1,000,000.00 per occurrence for Bodily Injury and \$500,000 for explosion underground and collapse, commonly known as "XCU." The following endorsement documents provided by Warren County:

- a. CG 20 10 10 01 additional insured endorsement (or equivalent)
- b. CG 20 37 10 01 additional insured endorsement (or equivalent)
- c. CG 25 03 03 97 designated location aggregate (or equivalent)

General Liability needs to be written on Primary/Non-contributory basis for the benefit of the additional insured.

Item C — Umbrella: In an amount not less than \$1,000,000 occurrence and \$1,000,000 aggregate. Umbrella needs to attach to General Liability, Employers Liability, Auto Liability. Umbrella needs to be written on follow-form primary.

Item D - Bodily Injury Liability Insurance covering motor vehicles either owned by the Contractor or being used in connection with the prosecution of the work embraced under this contract.

Item E - Property Damage Liability Insurance covering motor vehicles either owned by the Contractor or being used in connection with the prosecution of the work embraced under this contract.

Item F - (If Applicable) - Such Protective (including Railroad Protective) and Contractual Bodily Injury Liability Insurance and such Protective (including Railroad Protective) and Contractual Property Damage Liability Insurance as shall be required by the railroad and other utility companies whose property, facilities or rights-of-way may be affected by the work to be done under this contract, in such amounts and in such form as each such utility company may require.

If any part of the work is sublet, insurance of the same types and limits as required by above items numbered A, B, C, D, E, and F shall be provided by or on behalf of the Subcontractors to cover that part

of the work they have contracted to perform including Property Damage Liability Special Hazards coverage if so required by this contract.

Protective and Contractual Bodily Injury Liability Insurance required by Item F (if applicable) shall be in an amount and form as each railroad or utility company may require.

<u>Builders Risk Insurance</u>: All Risk form, including subsidence and theft of materials from the job site. Such coverage shall be maintained until final acceptance of the Contract by the Owner and payable to the Owner for the benefit of the contractor. The limit for Builders Risk shall be the full value of construction.

- 30. Maintenance of Rights-Of-Way: All construction as proposed along all City, Township, County, State and Federal roads including storage and stockpiling of materials, is to be conducted within the limits of the public right-of-way. Bracing sheeting and shoring shall be used to keep all construction work within the construction limits unless work agreements are secured from the adjacent property Owners. It is the Contractor's responsibility to secure these work agreements, if deemed necessary. Copies of the work agreements shall be delivered to the Engineer and Owner prior to any work beginning on the affected property.
- 31. <u>Lights, Signs and Barricades</u>: Lights, signs and barricades shall be used to maintain traffic and safety for vehicular and pedestrian traffic during the course of this contract and shall be the sole responsibility of the Contractor.

32. Foreign Corporation and Contractors:

Foreign Corporations

Definition: "Foreign Corporation" means a corporation incorporated under the laws of another state. No contract shall be entered into with a foreign corporation until the Secretary of State has certified that such corporation is authorized to do business in Ohio: and until, if the bidder so awarded the Contract is a person or partnership, it has filed with the Secretary of State a Power of Attorney designating the Secretary of State as its agent for the purpose of accepting service of summons in any action brought under Ohio Revised Code, Section 153.05 or under Sections 4123.01 to 4123.94, inclusive.

33. <u>Subcontracts:</u> Contractor shall provide an explanation as part of its bid package of all subcontractors intended to be used in performance of the work described in Part II, Section D. In the event the Owner does not object, Contractor may have such work performed by a subcontractor. Contractor shall bind every subcontractor to, and every subcontractor must

agree to be bound by the terms of, the Contract, as far as applicable to the subcontractor's work particularly pertaining to Prevailing Wages and EEO requirements. Nothing contained in the Agreement shall create any contractual relationship between any subcontractors and Owner, nor create any obligations on the part of the Owner to pay or see to the payment of any sums to any subcontractor.

34. **Real and/or Personal Property Tax Affidavit:** All bidders must complete the Real and/or Personal property tax affidavit (Section I) and submit with your bid. *This section should be fully completed whether or not you as a vendor/contractor own property in Warren County, Ohio.*

35. **Description of Project:**

See Section M

- 36. **Scope of Work:** Provide all work as required by Contract and described in the Specifications herein (Section M) as necessary to provide for project completion.
- 37. **Required Forms:** Each Bidder shall complete and submit the following forms with his/her bid:

Proposal Price (Bid) Sheet

Exception Sheet

Bidder Identification

Non-Collusion Affidavit

Bid Guaranty & Contract Bond

Experience Statement

Affidavit of Non-Delinquency of Taxes

Certificate of Compliance Non-Discrimination and Equal Employment Opportunity Affidavit Findings for Recovery Affidavit

- 38. The successful Contractor may be required, at the request of the Owner, to submit a list of sub-contractors and suppliers for said project.
- 39. <u>Additional Obligations Upon Contact Award</u>: Upon award of the bid but prior to execution of the Contract and Notice to Proceed, the Contractor shall submit all of the following documents, completed as required:
 - 1) Contract
 - 2) Required Bonds
 - 3) Payment Draw Schedule (Required for Projects of \$500,000 or more)
 - 4) Certificates of Insurance
- 40. Entire bid packet must be completed (except contract Section F) and returned with bid proposal, as the entire bid packet becomes part of the contract documents.
- 41. STATEMENT: Do not submit confidential document or documents of any type that contain trade secrets. All materials submitted become <u>public records</u> once opened and may be copied upon request to anybody including competitive bidders.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

certificate holder in lieu of such endors	eme	nt(s).		CONTACT					
Insurance Agency Name & Address			CONTACT NAME: Insurance Agent Contact PHONE FAX (A/C, No, Ext): (A/C, No):						
				ADDRESS) <u> </u>				
				L	INS	URER(S) AFFOR	DING COVERAGE		NAIC#
			INSURER A: Insurance Company A						
INSURED			INSURER B: Insurance Company B						
Contractors Name & Address				INSURER	<u> </u>	nce Compan			
				INSURER	D; Insura	nce Compan	y D		
				INSURER E: Insurance Company E					
				INSURER		ince Compan	•		
COVERAGES CER	TIFIC	ATE	NUMBER:				REVISION NUMBER:		
THIS IS TO CERTIFY THAT THE POLICIES INDICATED. NOTWITHSTANDING ANY RE CERTIFICATE MAY BE ISSUED OR MAY FEXCLUSIONS AND CONDITIONS OF SUCH	QUIR PERT. POLIC	EMEI AIN, CIES.	NT, TERM OR CONDITION THE INSURANCE AFFORD LIMITS SHOWN MAY HAVE	OF ANY ED BY T BEEN RE	CONTRACT HE POLICIES EDUCED BY I	OR OTHER D S DESCRIBED PAID CLAIMS.	DOCUMENT WITH RESPEC	T TO V	VHICH THIS
INSR LTR TYPE OF INSURANCE	addi. Insd	SUBR WVD	POLICY NUMBER	0	POLICY EFF	POLICY EXP (MM/DD/YYYY)	LIMITS	3	
A X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR	х	Х	POLICY #	1		EXP DATE	DAMAGE TO RENTED	\$ 1,000 \$ 100,0	
OCAMO-WADE X OCCOR				ļ				\$ 5,000	
								s 1,000	
GEN'L AGGREGATE LIMIT APPLIES PER:								\$ 2.000	
POLICY X PRO- LOC								\$ 2,000	•
								\$ 2,000	,,,,,,,
OTHER: AUTOMOBILE LIABILITY							COMBINED SINGLE LIMIT	6	
<u> </u>			POLICY #	F	FF DATE	EXP DATE	(Lu dooldania)	*_1,00 \$	0,000
B X ANY AUTO ALL OWNED SCHEDULED	:					3.11 2.11 1.	BODILY INJURY (Per accident)	•	
AUTOS AUTOS NON-OWNED			i				PROPERTY DAMAGE	\$	
HIRED AUTOS AUTOS							(rei acqueix)	\$	
C V UMBRELLA LIAB V OCCUP									
C A COOCIN			POLICY #	F	FF DATE	EXP DATE		\$ 1,000	•
ODAINIG-MADE.								\$ 1,000	J,000
DED RETENTION \$ WORKERS COMPENSATION							PER OTH-	\$	
AND EMPLOYERS' LIABILITY Y/N								•	
ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A							\$	
(Mandatory in NH) If yes, describe under							E.L. DISEASE - EA EMPLOYEE		
DÉSCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT	\$	
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICL	FC 44	CORE	404 Additional Domesto Cobods	<u>l</u>	attached if may	co consecutor requir			
Board of Warren County Commissions are attached CG 2010 10/01 and CG 2037 10/0 subrogation applies to the General Liability	liste 1. G	d as a	additional insureds with re	espects to	the Genera	ıl Liability for	ongoing and completed	-	-
					•				
CERTIFICATE HOLDER				CANCI	ELLATION			*****	
Board of Warren County Commissioners				SHOU	ILD ANY OF		ESCRIBED POLICIES BE CA		
406 Justice Drive Lebanon, OH 45036				THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.					ivekeD IN
				AUTHOR	IZED REPRESE	NTATIVE			
1				INSURANCE AGENTS SIGNATURE					

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY CG 20 10 10 01

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

Board of Warren County Commissioners 406 Justice Drive, Lebanon, OH 45036

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

- A. Section II Who Is An Insured is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of your ongoing operations performed for that insured.
- B. With respect to the insurance afforded to these additional insureds, the following exclusion is added:
 - 2. Exclusions

This insurance does not apply to "bodily injury" or "property damage" occurring after:

- (1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the site of the covered operations has been completed; or
- (2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY CG 20 37 10 01

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:
Board of Warren County Commissioners
406 Justice Drive
Lebanon, OH 45036
Location And Description of Completed Operations:
Additional Premium:

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

Section II – Who is An Insured is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of "your work" at the location designated and described in the schedule of this endorsement performed for that insured and included in the "products-completed operations hazard".

COMMERCIAL GENERAL LIABILITY CG 25 03 03 97

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED CONSTRUCTION PROJECT(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Designated Construction Projects:		

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

- A. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under COVERAGE A (SECTION I), and for all medical expenses caused by accidents under COVERAGE C (SECTION I), which can be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
 - A separate Designated Construction Project General Aggregate Limit applies to each designated construction project, and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
 - 2. The Designated Construction Project General Aggregate Limit is the most we will pay for the sum of all damages under COVERAGE A, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under COVERAGE C regardless of the number of:
 - a. Insureds;
 - b. Claims made or "suits" brought; or
 - c. Persons or organizations making claims or bringing "suits".
 - 3. Any payments made under COVERAGE A for damages or under COVERAGE C for medical expenses shall reduce the Designated Construction Project General Aggregate Limit for that designated construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Construction Project General Aggregate Limit for any other designated construction project shown in the Schedule above.

- 4. The limits shown in the Declarations for Each Occurrence, Fire Damage and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Construction Project General Aggregate Limit.
- B. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under COVERAGE A (SECTION I), and for all medical expenses caused by accidents under COVERAGE C (SECTION I), which cannot be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
 - Any payments made under COVERAGE A for damages or under COVERAGE C for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-Completed Operations Aggregate Limit, whichever is applicable; and
 - Such payments shall not reduce any Designated Construction Project General Aggregate Limit.
- C. When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-Completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Construction Project General Aggregate Limit.

- D. If the applicable designated construction project has been abandoned, delayed, or abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.
- E. The provisions of Limits Of Insurance (SECTION III) not otherwise modified by this endorsement shall continue to apply as stipulated.

SECTION C AFFIDAVIT OF NON-COLLUSION

AFFIDAVIT OF NON-COLLUSION

STATE OF				
	, holding the	title and position of ffirm that I am authorize	ed to speak on behalf	at the firm
understand that an	rectors and owners in y misstatements in the	setting the price on the e following information sion of the contract, bid	contract, bid or propo will be treated as frau	osal. I
I hereby swear and knowledge:	l depose that the follo	wing statements are true	and factual to the be	est of my
	INCLUDING ANY	and not made on the bel MEMBER OF THE WA	• •	
and was not influe	nced by other compar	nl was determined independently solutions, clients, or contractor of BOARD OF COMM	ors, INCLUDING AN	
COUNTY BOAR		NCLUDING ANY MEN ERS have been solicited		
COUNTY BOAR		NCLUDING ANY MENTERS have been solicited ling.		
company, or contr	actor, INCLUDING A	oid or proposal has not b ANY MEMBER OF THE e disclosed until the forn	E WARREN COUNT	ΓY BOARD
AFFIANT				
Subscribed and sw	orn to before me this	day of	20	
(Notary Public),				
	•	20		
My commission ex	xpires	20		

SECTION D BID GUARANTY AND CONTRACT BOND

BID GUARANTY AND CONTRACT BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,

	(Iı	nsert fi	ull nan	ne or legal titl	e of Co	ntracto	r and Ad	dress)				
as							and					
			(Inse	ert full name	or legal	title of	Surety)					
•		•		l firmly boun				•				
amount	-	the	bid	portation her submitted	by	the	Princip take the	oal t	o th	ne	Obligee	
		Tow	nship]	Line Road B	ridge #1	134-3.7	6 Replac	ement	Projec	et		
incorpora to above the ar	ating any	additi	ve or d	rein shall be leductive alte h are accepte	rnate pr d by the	oposal e Oblig	s made b gee, In n	y the Process	incipa	l on t	he date ronal sum	eferred
alternates	s. Altern	atively	y, if co	penal sum v mpleted, the	amount	stated	must not	be less	than tl	•		_
-	•		-	sum well an	•			•	jointly	y and	l severall	y bind

ourselves, our heirs, executors, administrators, successors, and assigns.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH that whereas the above-named Principal has submitted a bid on the above referred to project;

NOW, THEREFORE, if the Obligee accepts the bid of the Principal and the Principal fails to enter into a proper contract in accordance with the bid, plans, details, specifications, and bills of material; and in the event the Principal pays to the Obligee the difference not to exceed ten percent of the penalty hereof between the amount specified in the bid and such larger amount for which the Obligee may in good faith contract with the next lowest bidder to perform the work covered by the bid; or in the event the Obligee does not award the contract to the next lowest bidder and resubmits the project for bidding, the Principal will pay the Obligee the difference not to exceed ten percent of the penalty hereof between the amount specified in the bid, or the costs, in connection with the resubmission, of printing new contract documents, required advertising, and printing and mailing notices to prospective bidders, whichever is less, then this obligation shall be null and void, otherwise to remain in full force and effect. If the Obligee accepts the bid of the Principal and within TEN days after the awarding of the contract, enters into a proper contract in accordance with the bid, plans, details, specifications, and bills of material, which said contract is made a part of this bond the same as though set forth herein; and

IF THE SAID PRINCIPAL SHALL well and faithfully perform each and every condition of such contract; and indemnify the Obligee against all damage suffered by failure to perform such contract according to the provisions thereof and in accordance with the plans, details, specifications, and bills of material therefore; and shall pay all lawful claims of subcontractors, materialmen, and laborers, for labor performed and materials furnished in the carrying forward, performing, or completing of said contract: we agreeing and assenting that this undertaking shall be for benefit of any materialman or laborer having a just claim, as well as for the Obligee herein; **THEN THIS OBLIGATION SHALL** be void; otherwise the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated.

THE SAID surety hereby stipulates and agrees that no modifications, omissions, or additions, in or to the terms of said contract or in or to the plans and specifications therefor shall in any wise affect the obligations of said surety on its bond, and it does hereby waive notice of any such modifications, omissions or additions to the terms of the contract or to the work or to the specifications.

SIGNED AND SEALED this	_ day of _	202				
PRINCIPAL		SURETY				
By:	By:					
Title:		Attorney-in-fact				
Title		Surety Agent's Name and Address:				

SECTION E PERFORMANCE BOND

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)
(Address of Contractor)
a, hereinafter called
(Corporation, Partnership or Individual)
Principal, and
(Name of Surety)
(Address of Surety)
hereinafter called Surety, are held and firmly bound unto
WARREN COUNTY, OHIO BOARD OF COMMISSIONERS 406 Justice Drive Lebanon, OH 45036
hereinafter called OWNER, in the penal sum of Dollars, \$() in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.
THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the OWNER, dated theday of, 202, a copy of which is hereto attached and made a part hereof for the construction of:

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the Surety and during the guaranty period(s), and if he/she shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the OWNER from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition of the terms of the contract or the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any way affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

deemed an original, this the	day of 202	
ATTEST:	(Principal)	
	(Finicipal)	
(27.17.)	Ву	
(SEAL)		
ATTEST:		
(SEAL)	(Surety)	

<u>IMPORTANT</u>: Pursuant to Ohio Revised Code §122.87(A) a surety company is defined as, "... a company that is authorized by the department of insurance to issue bonds as a surety".

SECTION F

CONTRACT

CONTRACT

TH	IIS AGREEMEN	de this _	day	of	, 2024, with the Warren County Box				oard:	
of	Commissioners,	406	Justice	Drive,	Lebanon,	Ohio	hereinafter	called	"Owner"	and
CONTRACTOR, ADDRESS, doing businesses as (an individual, partner, a corporation) hereinafter										
cal	led "Contractor."									

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the Owner, the Contractor hereby agrees with the Owner to commence and complete the construction described as follows:

Township Line Road Bridge #134-3.76 Replacement Project

hereinafter called the project, for the sum of \$AMOUNT, (AMOUNT TYPED OUT), and all work in connection therewith, under the terms as stated in the Conditions of the Contract; and as his/her (its or their) own proper cost and expense furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor insurance, and other accessories and services necessary to complete the said project in accordance with the conditions and prices stated in the Proposal, Conditions of the Contract, the Specifications and Contract Documents. "Contract Documents" means and includes the following:

Proposal Price (Bid) Sheet

Exception Sheet

Bidder Identification

- A) Invitation to Bidders
- B) General Instruction to Bidders
- C) Non- Collusion Affidavit
- D) Bid Guaranty & Contract Bond
- E) Performance Bond
- F) Contract
- G) Bonding & Insurance Requirements
- H) Experience Statement
- I) Affidavit of Non-Delinquency of Real and/or Personal Property Tax
- J) Equal Employment Opportunity Requirements, Bid Conditions and Non-discrimination and Equal Employment Opportunity Affidavit
- K) Findings for Recovery Affidavit Wage Rate Determination
- L) Wage Rate Determination
- M) Special Provision/Technical Specifications

The CONTRACTOR hereby agrees to commence work under this contract on or before a date to be specified in a Written "Notice to Proceed" of the OWNER, and to fully complete the project after the written notice to proceed has been issued and within 12 weeks after construction has started. The Contractor further agrees to pay, as liquidated damages, the sum of \$600.00 for each consecutive calendar day thereafter.

This Agreement may be terminated by either party upon written notice in the event of substantial failure by the other party to perform in accordance with the terms of this Agreement. The nonperforming party shall have fifteen calendar days from the date of the termination notice to cure or to submit a plan for cure acceptable to the other party.

OWNER may terminate or suspend performance of this Agreement for OWNER'S convenience upon a written notice to CONTRACTOR. CONTRACTOR shall terminate or suspend performance of the services/work on a schedule acceptable to OWNER.

The CONTRACTOR will indemnify and save the OWNER, their officers and employees, harmless from loss, expenses, costs, reasonable attorney's fees, litigation expenses, suits at law or in equity, causes of action, actions, damages, and obligations arising from (a) negligent, reckless or willful and wanton acts, errors or omissions by CONTRACTOR, its agents, employees, licensees, consultants or subconsultants; (b) the failure of the CONTRACTOR, its agents, employees, licensees, consultants or subconsultants to observe the applicable standard of care providing services pursuant to this agreement; (c) the intentional misconduct of the CONTRACTOR, its agents, employees, licensees, consultants or subconsultants that result in injury to persons or damage to property for which the OWNER may be held legally liable.

The CONTRACTOR does hereby agree to indemnify and hold the OWNER harmless for any and all sums for which the OWNER may be required to pay or for which the OWNER may be held responsible for failure of the CONTRACTOR or any subcontractor to pay the prevailing wage upon this project.

The OWNER agrees to pay the CONTRACTOR in the manner and at such times as set forth in the General Provisions such amounts as required by the Contract Documents.

This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

Contractor shall bind every subcontractor to, and every subcontractor must agree to be bound by the terms of, this Agreement, as far as applicable to the subcontractor's work particularly pertaining to Prevailing Wages and EEO requirements. Nothing contained in this Agreement shall create any contractual relationship between any subcontractor and Owner, nor create any obligations on the part of the Owner to pay or see to the payment of any sums to any subcontractor.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in two counterparts, each of which shall be deemed an original on the date first above written.

on the date first above written.		WARREN COUNTY BOARD OF COMMISSIONERS (Owner)
		David G. Young, President
(Seal) ATTEST:		
		Name
		(Contractor)
	By:	
	J	Name and Title
Approved as to Form:		
Assistant Prosecutor		

SECTION G BONDING AND INSURANCE REQUIREMENTS

BONDING AND INSURANCE REQUIREMENTS

A state or local unit of government receiving a grant from the federal government which requires contracting for construction of facility improvement shall follow its own requirements relating to bid guarantees, performance bonds, and payment bonds, except for contracts or subcontracts exceeding \$100,000. For contracts or subcontracts exceeding \$100,000, the Federal agency may accept the bonding policy and requirements of the grantee provided the Federal agency has made a determination that the Government's interest is adequately protected. If such a determination has not been made, the minimum requirements shall be as follows:

- a. A bid guaranty from each bidder. The "bid guaranty" shall consist of a firm commitment such as a bid bond in the amount of one hundred (100) percent of the bid price, or ten (10) percent of the bid price if certified check or other negotiable instrument accompanying a bid, as assurance the bidder will, upon acceptance of his/her bid, execute such contractual documents as may be required within the time specified.
- b. A performance bond on the part of the Contractor for 100 percent of the contract price.

 A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.

SECTION H EXPERIENCE STATEMENT

EXPERIENCE STATEMENT

The Bidder is required to state in detail in the space provided below, what work he/she has done of a character similar to that included in the proposed contract, to give references and such other detailed information as will enable the Owner to judge of his/her responsibility, experience, skill, and financial standing. Among other things, this statement shall include the following:

A record of similar work performed and evidence to the effect:

(1)	That the Bidder maintains a permanent place of business;
(2) contrac	Has adequate facilities and equipment available for the work under the proposed
(3) work;	That the Bidder has suitable financial means to meet obligations incidental to the
(4)	That the Bidder has appropriate technical experience and possesses sufficient skill and experience.

SECTION I

AFFIDAVIT OF NON-DELINQUENCY OF REAL AND/OR PERSONAL PROPERTY TAX

THIS SECTION SHOULD BE FULLY COMPLETED WHETHER OR NOT YOU AS A VENDOR/CONTRACTOR OWN PROPERTY IN WARREN COUNTY, OHIO. AFFIDAVIT

being duly cautioned and sworn, states as follows: 1. That he/she is
being duly cautioned and sworn, states as follows: 1. That he/she is of
1. That he/she is
(Name of Contracting Party) 2. That
2. That
(Name of Contracting Party) delinquent Real and/or Personal property taxes on the general tax list of Real and/or Personal property of Warren County. -OR- 1. That is charged with delinquent Real and/or (Name of Contracting Party) Personal property tax on the general tax list of Real and/or Personal property of Warren County. The amount of delinquent Real and/or Personal property tax due and unpaid including any due and unpaid penalty and interest is:
Personal property of Warren County. -OR- 1. That is charged with delinquent Real and/or (Name of Contracting Party) Personal property tax on the general tax list of Real and/or Personal property of Warren County. The amount of delinquent Real and/or Personal property tax due and unpaid including any due and unpaid penalty and interest is:
(Name of Contracting Party) Personal property tax on the general tax list of Real and/or Personal property of Warren County. The amount of delinquent Real and/or Personal property tax due and unpaid including any due and unpaid penalty and interest is:
\$
Further, affiant states not.
Affiant
Sworn to and subscribed in my presence this day of 202
Notary Public
This instrument was prepared by

<u>Note to Fiscal Office</u>: If any Real and/or Personal property taxes are delinquent, you must send a copy of this statement to the County Treasurer within 30 days of the date it is submitted.

<u>WARNING</u>: MAKING A FALSE STATEMENT ON THIS AFFIDAVIT MAY BE PUNISHABLE BY A FINE AND/OR IMPRISONMENT

SECTION J

EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS, BID CONDITIONS AND NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY AFFIDAVIT

EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS AND BID CONDITIONS FOR WARREN COUNTY CONSTRUCTION PROJECTS

CERTIFICATE OF COMPLIANCE FOR EEO PURPOSES: (This section applies only to projects that are funded with Federal and State monies)

All bidders on the project **shall** submit together with their bid, a copy of a valid Certificate of Compliance for Equal Employment Opportunity purposes contained herein.

A copy of the	ne Certificate	of Complian	nce is enclo	sed with	this	bid
response?	Yes _	No				

BIDDER'S EEO COVENANTS:

Throughout its performance of any contract awarded to it on this project, the bidder agrees to the following covenants:

1. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, ancestry, or sex. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, national origin, ancestry, or sex. Such action shall include, but is not limited to, the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

- 2. The contractor will in all solicitations or advertisements for employees placed by or on behalf of the prime contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry, or sex.
- 3. The contractor agrees to fully cooperate with the County, the State Equal Employment Opportunity Coordinator and with any other official or agency, or the State or Federal government which seeks to eliminate unlawful employment discrimination, and with all other State and Federal efforts to assure equal employment practices under its contract and the contractor shall comply promptly with all requests and directions from the County, the State Equal Opportunity Coordinator and any of the State of Ohio officials and agencies in this regard, both before and during construction.
- 4. Full cooperation as expressed in clause (3), above, shall include, but not be limited to, being a witness and permitting employees to be witnesses and complainants in any proceedings involving questions of unlawful employment practices, furnishing all information requested by the County and the State Equal Employment Opportunity Coordinator, and permitting access to its books, records, and accounts by the County and the State Equal Employment Opportunity Coordinator for purposes of investigation to ascertain compliance with applicable rules, regulations and orders.

- 5. In the event of the contractor's noncompliance with the nondiscrimination clauses of its contract or with any of the said rules, regulations, or orders, its contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further County construction contracts.
 - In the event that is contract is terminated for a material breach of EEO requirements, the contractor shall become liable for any and all damages which shall accrue to the County as a result of said breach.
- 6. The contractor will require the inclusion of language reflecting these same six covenants within every subcontract or purchase order it executes in the performance of its contract unless exempted by rules, regulations, or orders of the State Equal Employment Opportunity Coordinator so that these provisions will be binding upon each subcontractor or vendor. The contractor will take such as the County may direct as a means of enforcing such provisions, including sanctions for noncompliance; provided, however, that in any litigation with a subcontractor, vendor, or other party as a result of such direction by the County, the contractor may be requested to protect the interests of the County.

The bidder	hereby adopts the foregoing covenants	s?
Yes	No	

PLEASE NOTE: The bidder's failure to adopt the Bidder's EEO Covenants and complete the foregoing certification will cause the bidder's proposal to be rejected as being non-responsive.

CERTIFICATE OF COMPLIANCE NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY AFFIDAVIT

STATE OF	<u>)</u>	SS:		
COUNTY OF)	აა.		
being f	first duly swo	rn, deposes a	and says that he	
of				
the party who made the foregoing propodiscriminate against any employee or applic or national origin. If awarded the bid and conaction to ensure that applicants are employ without regard to their race, religion, color, best bidder under the foregoing proposa conspicuous places available to employees a of this affidavit.	cant for emplo ntract under the yed and that e t, sex, or national, this party	oyment becausis proposal, imployees an onal origin. shall post	use of race, religions and party shall re treated, during If successful as non-discrimina	gion, color, sex, take affirmative ag employment, the lowest and tion notices in
Furthermore, said party agrees to abide by th Code in the Contract Provisions with the Ov				
	Signature			
	Affiant			
	Company/	Corporation		
	Address			
	City/State/	Zip Code		
Sworn to and subscribed before me this	day of		, 202	_•
	Notary			
(seal)				

CERTIFICATE OF COMPLIANCE NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY AFFIDAVIT (SUB CONTRACTOR)

STATE OF	
COUNTY OF) SS:)
being f	irst duly sworn, deposes and says that he
of	
discriminate against any employee or applic or national origin. If awarded the bid and cor action to ensure that applicants are employ without regard to their race, religion, color, best bidder under the foregoing proposa	sal; that such party as bidder does not and shall not cant for employment because of race, religion, color, sex, ntract under this proposal, said party shall take affirmative red and that employees are treated, during employment, sex, or national origin. If successful as the lowest and l, this party shall post non-discrimination notices in and applicants for employment setting forth the provisions
	e assurances found in Section 153.54 of the Ohio Revised wner if selected as the successful bidder by the Owner.
	Signature
	Affiant
	Company/Corporation
	Address
	City/State/Zip Code
Sworn to and subscribed before me this	day of, 202
	Notary
(seal)	

SECTION K FINDINGS FOR RECOVERY AFFIDAVIT

FINDINGS FOR RECOVERY AFFIDAVIT

STATE OF	7			
COUNTY	F OF	, SS:		
		, upon being	duly cautioned as	nd sworn, hereby states the
following b	ased on personal know	ledge:		
1)	That he/she is		(title), of	(name
of bidder) a	nd authorized to execu	te this affidavit;	and,	
				r) is not a person or entity of State, which finding for rovisions] Section 9.24 (B);
	That unresolved findings of de [General Provisions			er) does not appear in the or of State pursuant to Ohio
Swo 202	orn to and subscribed in	my presence the	Affiant is day	of
			Notary Public My Commission	expires:

SECTION L WAGE RATE DETERMINATION



Mike DeWine Governor

Sheryl Maxfield Director

PREVAILING WAGE GUIDE

WARREN COUNTY

OHIO DEPARTMENT OF COMMERCE

Division of Industrial Compliance Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Phone: 614-644-2239

Fax: 614-728-8639 www.com.ohio.gov TTY/TDD: 1-800-750-0750

The Ohio Department of Commerce is an Equal Opportunity Employer and Service Provider

This packet of information is provided as a summary of the Prevailing Wage guidelines and responsibilities. The Ohio Revised Code, Chapter 4115 should be referred to for the exact wording of the law. Also included are references and forms which should be helpful in the compliance of the Prevailing Wage Law.

PACKET INFORMATION INDEX

A. The Ohio Department of Commerce-Division of Industrial Compliance, Wage and Hour Administration Investigators and their assigned counties

The Wage and Hour Investigators for the State of Ohio are listed with their contact information.

 If you have questions or need assistance pertaining to Prevailing Wage, you can contact the Investigator in your area.

B. Prevailing Wage Guide for Public Authorities

Notice of change of the Prevailing Wage Threshold Level.

- A notification will be sent to you when there is a change of the Prevailing Wage threshold level
- Outline of the Public Authority's responsibilities for Prevailing Wage.

Public Authority's Compliance Checklist form.

A form for tracking the progress of a Prevailing Wage project

Request form for Prevailing Wage Rates.

Prevailing Wage Rates can be obtained on the website www.com.ohio.gov

 Prevailing Wage Determination Schedule of wages must be attached to and made part of the specifications for the project, and must be printed on the bidding blanks where the work is done by contract.

Bid Tabulation form

 A form to be completed and returned to ODOC-DIC-Bureau of Wage and Hour Administration when the contract has been awarded.

Prevailing Wage Bonds form

 Information needed to be kept on file by the Prevailing Wage Coordinator when bonds from the Public Authority are used for a project.

C. Prevailing Wage Guidelines for the Public Authority's Coordinator

Guideline for the Prevailing Wage Coordinator

 The Prevailing Wage complaint form and instructions can be obtained on the website www.com.ohio.gov

Record of the Certified Payroll Reports Received form

 Helpful form for recording the Certified Payroll Reports and the dates received from the contractors and subcontractors.

Employee Interview form

 Helpful form for the use by the Prevailing Wage Coordinator when making on-site visits.

Employee vs. Independent Contractor

 Helpful questions when determining if a person is an Employee or an Independent Contractor.

D. Prevailing Wage Guide for Contractors

(Incorporate this section in the Specifications or supply copies for the pre-construction meeting.)

Outline of responsibilities for the Prevailing Wage Contractor

Notification form from the Contractor to the Employee

- The contractor must submit to employees a completed and signed notification form.
- Some Prevailing Wage Coordinators may require a copy of the completed Notification to the Employee form be submitted with the Certified Payroll Reports.

Certified Payroll Report form

- The contractor can use any form/format he chooses as long as ALL the information has been provided.
- Certified Payroll Report form instruction sheet
- Corrected Certified Payroll Report Example

Affidavit of Compliance form

 No Public Authority shall make final payment unless the Final Affidavits have been filed by the contractors and subcontractors.



Mike DeWine Governor

Sheryl Maxfield Director

INVESTIGATORS CONTACT INFORMATION

OHIO DEPARTMENT OF COMMERCE

Division of Industrial Compliance Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Phone: 614-644-2239

Fax: 614-728-8639 www.com.ohio.gov TTY/TDD: 1-800-750-0750

The Ohio Department of Commerce is an Equal Opportunity Employer and Service Provider

OHIO DEPARTMENT OF COMMERCE Division of Industrial Compliance Bureau of Wage and Hour Administration Chief, Stephen Clegg

Stephen.Clegg@com.state.oh.us

6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 614-644-2239 fax: 614-728-8639 http://www.com.ohio.gov

INVESTIGATORS and THEIR HEADQUARTER COUNTY				
#48 Dave Horvath	Allen *			
PO Box 1512	City			
Lima, Ohio 45802-1512				
Voice: (419) 302-1200				
Fax: (614) 728-8639				
Dave.Horvath@com.state.oh.us				
#30 Mike McKee	Guernsey*			
P.O. Box 1342				
Cambridge, Ohio 43725-2247				
Voice/Fax: (740) 432-1987				
Michael.McKee@com.state.oh.us				
#56 Shawn Miles	Stark *			
P.O. Box 2547	Stark			
North Canton, Ohio 44720				
Voice/Fax: (614) 496-9076				
Shawn.Miles@com.state.oh.us				
#37 David Rice	Montgomery *			
P.O. Box 41241				
Dayton, Ohio 45441 Voice: (740) 502-0883				
Fax: (614) 995-7768				
Dave.Rice@com.state.oh.us				
<u>Save.meetegeom.state.om.us</u>				
#35 Sean Selbert	Lake *			
P.O. Box 422				
Painesville, Ohio 44077-3938				
Volce: (614) 557-8662				
Fax: (614) 232-9541				
Sean.Seibert@com.state.oh.us				
#11 Kela D. Thompson	Franklin *			
6606 Tussing Rd, PO Box 4009	200000000000000000000000000000000000000			
Reynoldsburg, Ohio 43068-9009				
Volce: (614) 728-5007				
Fax; (614) 232-9537 Kela.Thompson@com.state.oh.us				
* Headquarter County				
Stephen Clegg, Chief				
	#90 Jackle Clark, Supervisor			
6606 Tussing Road, PO Box 4009	6606 Tussing Rd, PO Box 4009			
Reynoldsburg, Ohio 43068-9009	Reynoldsburg, Ohio 43068-9009			
Voice: (614) 728-8686 Fax: (614) 728-8639	Volce: (614) 728-5019			
Stephen Clean@com state oh us	Fax: (614) 222-2357			

Jackie.Clark@com.state.oh.us



Mike DeWine Governor

Sheryl Maxfield Director

PREVAILING WAGE GUIDE FOR PUBLIC AUTHORITIES

OHIO DEPARTMENT OF COMMERCE

Division of Industrial Compliance Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Phone: 614-644-2239

Fax: 614-728-8639 www.com.ohio.gov TTY/TDD: 1-800-750-0750

The Ohio Department of Commerce is an Equal Opportunity Employer and Service Provider

PREVAILING WAGE THRESHOLD LEVELS IMPORTANT NOTICE

Before advertising for bids, contracting, or undertaking construction with its own forces, to construct a public improvement, the Public Authority shall have the Ohio Department of Commerce-Division of Industrial Compliance, Bureau of Wage and Hour Administration determine the prevailing rates of wages for workers employed on the public improvement. The wage determination must be included in the project specifications and printed on the bidding blanks where work is done by contract.

"New" construction threshold for Building Construction:				
"Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting" threshold level for <i>Building</i> Construction:	\$75,000			
As of January 1, 2018:				
"New" construction that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction threshold level has been adjusted to:	\$91,150			
"Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting" that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction threshold level has been adjusted to:	\$27,309			

- A) Thresholds are to be adjusted biennially by the Director of the Ohio Department of Commerce.
- B) Biennial adjustments to threshold levels are made according to the Building Cost for Skilled Labor Index published by McGraw-Hill's Engineering News-Record, but may not increase or decrease more than 3% for any year.

If there are questions concerning this notification, please contact:

Ohio Department of Commerce Division of Industrial Compliance Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Phone: 614-644-2239 Fax: 614-728-8639

www.com.ohio.gov

Public Authority Responsibilities ORC Chapter 4115: Wages and Hours on Public Works (Prevailing Wage Coordinator)

- Before advertising for bids, contracting, or undertaking construction with its own forces, to construct a public
 improvement, the public authority shall have the Ohio Department of Commerce, Division of Industrial Compliance,
 Bureau of Wage and Hour Administration determine the prevailing rates of wages for workers employed on the public
 improvement. The wage determination must be included in the project specifications and printed on the bidding blanks
 where work is done by contract.
 - a) "New" construction has a threshold level of \$250,000.
 - b) "Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting" has a threshold level of \$75,000.
 - e) "New" construction that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction has a threshold level of <u>\$84,314</u>.
 - d) "Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting" that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction has a threshold of \$25,261.
 - Thresholds are to be adjusted biennially by the Director of Ohio Department of Commerce, Division of Industrial Compliance, Bureau of Wage and Hour Administration.
 - ii.) Biennial adjustments to threshold levels are made according to the Price Deflator for Construction Index, United States Department of Commerce, Bureau of the Census, but may not increase or decrease more than 3% for any year.
- Every contract for public work shall contain a provision that each worker employed by the contractor or subcontractor, or
 other person about or upon the public work, must be paid the prevailing rate of wages.
- If contracts are not awarded or construction undertaken within ninety days (90) from the date of the determination of the
 prevailing wage there shall be a re-determination of the wage rates before the contract is awarded.
- 4. Within seven (7) working days after the receipt of notification of a change in the prevailing wage rates, the public authority shall notify all affected contractors and subcontractors. If it is determined that a contractor or subcontractor has violated sections 4115.03 to 4115.16 of the Ohio Revised Code because they were not notified as required, the public authority is liable for any back wages, fines, damages, court costs and attorney's fees for the period of time covering the receipt of wage changes, until they give the required notice.
- No public authority shall award a contract for a public improvement to any contractor or subcontractor whose name appears on the list of debarred contractors. This list is filed with the Secretary of State by the Ohio Department of Commerce-Division of Industrial Compliance & Labor-Bureau of Wage and Hour Administration The filing of the notice of conviction with the secretary of state constitutes notice to all public authorities. These contractors are prohibited from working on public improvements for periods ranging from one to three years. The list of debarred contractors can be located on the website www.com.ohio.gov/laws
- 6. A public authority must designate and appoint one of its own employees to serve as the Prevailing Wage Coordinator during the life of the contract for constructing the public improvement. A Prevailing Wage Coordinator must be appointed no later than ten days before the first payment of wages by contractors to employees working on the public improvement.

PUBLIC AUTHORITY'S COMPLIANCE CHECKLIST FOR PREVAILING WAGE

ra v					
Project: Number:					
Department:		Phone#:			
PW Coordinator;			Phone#:		
Architect/Engineer	:		Phone#:		
Contractor:			Phone#:		
Contact Person:			Title:		
General Contractor:		Prime Contractor:	Construction Mgr:		
Date Completed	T	Compliance Item Desc			
	1.	Request Prevailing Wage Determination Schedu			
		Hour	ie from ODOC-DIC-wage &		
	2.	Received Prevailing Wage Determination Sc	hedule		
	3.	Incorporate Determination Schedule in Spec			
	4.	Incorporate notice of Prevailing Wage requirements in Invitation for Bids/Notice to Bidders			
	5.	Incorporate Prevailing Wage requirements in	Contract		
	6.				
	7.	Submit complete invitation for bid to ODOC-DIC- wage & Hotil			
8. Bid Opening					
9. Check Listing of Violators					
	10.	Award of Contract. (see note)			
¥)	11,	Tituate of Contract. (See note)			
	12.	Notice to Successful Bidder			
	13.	Work Commenced(see note)			
	14.	Appoint Prevailing Wage Coordinator			
	15.		esses phone #'s & email's		
	16.	Received list of Subcontractors' names, addresses, phone #'s & email's Received Payroll Date Schedule			
	17.	Received Payfort Date Schedule Received Registered Apprenticeship Agreement Certifications			
	18.	Received Deduction Agreements			
	19.	Received Payroll Reports with Certification(see attachment)			
	20.	Visited project site			
	21.	Received Changes to Determination Schedule	2		
	22.	Notice to Contractors of Determination Sched			
	23.	Request Final Compliance Affidavit from con			
	24.	Received Final Affidavits from all contractors & subcontractors			
	25.	Certify Final Payment			

Note: If contract is not awarded or construction undertaken within 90 days from the date of establishment of the Prevailing Wage Rates, a re-determination of the Prevailing Wage Rates is required.

	REQUEST FOR	STATE OF OHIO PREVA	ILING WAGE RATES
Date		(Mark (X) One) Residential	~ Construction
Project Information (only	one project and one	county per request form please)	
County of Project	County of Project Project Name		This form MUST be filled out COMPETELY & CORRECTLY for us to process your
Site Address	City		request. Forms not completed correctly will be RETURNED TO THE SENDER.
Owner/Public Authority			Prevailing Wage Rates can be obtained on the website www.com.ohio.gov
Address	Telepho	one Number	ODOC-DIC-WAGE & HOUR DATE STAMP
City	Zip Coo	le	*
PW Coordinator	Telepho	one Number	
Issuing Authority of Bond	s Type of	Financing	
Estimated Total Overall Pr	roject Cost		
New Construction "Old" Construction * A copy of this form will be returned to you with your wage rates. You must send that copy to us with your bid tabulations once the contract has been awarded. Expected Date of Contract Award Projected Completion Date			PLEASE MAIL THIS REQUEST TO: Ohio Department of Commerce Division of Industrial Compliance Bureau of Wage & Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 PHONE: (614) 644-2239 FAX: (614) 728-8639
Send Wage Rates to: (cont	ractors are charged \$	ODOC-DIC-W&H DATE STAMP (bid tab)	
☐ Mail ☐ Pick Up			
□Federal Express Account Name	Number	D. LE. A. de de	
Name		Company or Public Authority	
Address	Zip	Telephone Number	
"Old" construction is reco	onstruction, enlargen	nent, alteration, repair, remodeling	2,

BID TABULATION SHEET

Please attach a copy of your original dated and stamped "Request for Prevailing Wage Rates" with this Bid Tabulation. Please check mark which company was awarded the contract for the project.

(Note: DO NOT SEND UNTIL THE CONTRACT HAS BEEN OFFICIALLY AWARDED.)

Ohio Department of Commerce

Division of Industrial Compliance, Bureau of Wage & Hour 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009

(Phone) 614-644-2239, (Fax) 614-728-8639 www.com.ohio.gov

Contracting Public Auti	nority:		
Project Name:			
Project #:	Bid Date:	Estimate:	
Contract Description:	General HVAC Electrical Plumb	ing Asbestos	Other:
AWARDED TO (CHECK)	LIST OF THE BIDDING CONTRACTORS		TOTAL BID AMOUNT
	A		
			2
-			
	SUBMITTED BY		
Print Name:		Title:	
Telephone Number: ()	FAX #: EMAIL:	
Signature:		Date:	

INDUSTRIAL DEVELOPMENT BONDS

	Bond Projects require th	ne Public Authority	y to keep the follow	ving information on file
1.	Type of Bonds issued:		Amount:	
2.	The total cost of the Project:			
3.	The other type of financing involved	I in the project:		
4.	Portion of the project being construc	ted with each type of	of financing:	
5.	Are Prevailing Wage Rates being ap	plied to all construc	tion on the project:	□Yes□No
6.	The name of the political subdivision	n who issued the bo	nds:	
7.	When were the bonds issued:			
	For what purpose were the bonds iss			
9,	Who handles the funds once the bond	ds are sold:		
10.	Who is the lending institution that pu	rchased the bonds:		
11.	How are the funds to be paid out:			
12.	When are the funds to be paid out:			
13.	Who is the Bond Council:			
14.	Who has been appointed as the Preva	iling Coordinator:		
PW	C Address:			
City	<i>'</i> ;	OHIO	Zip:	Telephone #:
15.	Obtain a copy of the inducement and	other official docur	ments for the issuan	ce of the bonds.



Mike DeWine Governor

Sheryl Maxfield Director

PREVAILING WAGE GUIDELINES FOR THE PUBLIC AUTHORITY'S PW COORDINATOR

OHIO DEPARTMENT OF COMMERCE

Division of Industrial Compliance and Labor Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Phone: 614-644-2239

> Fax: 614-728-8639 www.com.ohio.gov TTY/TDD: 1-800-750-0750

The Ohio Department of Commerce is an Equal Opportunity Employer and Service Provider

Prevailing Wage Coordinator Guidelines

For more detailed information please refer to Chapter 4115 of the Ohio Revised Code

- Attend any pre-bid and/or pre-construction meetings. Α.
 - To explain the prevailing wage rate requirements.
 To explain the contractor's responsibilities.
 - 2.
- Set up and maintain files containing all contractors' and subcontractors' payroll reports, affidavits, and related documents. These files must be available for public inspection. В.
- C. Obtain from each contractor a list of their subcontractors' names, addresses, telephone numbers, and email addresses.
- D. Require each contractor and subcontractor to provide their project dates. This will be used to make a time schedule for receiving their certified payrolls.
- Obtain from each contractor, the name and address of their Bonding\Surety Company. E.
- F. Obtain from out-of-state corporations, the name and address of their Statutory Agent. (This agent
 - must be located in the State of Ohio and registered with the Ohio Secretary of State.)

 1. Records made in connection with the public improvement must not be removed from the State of Ohio for the period of one year following the completion of the project.
- Supply contractors with any changes in the Prevailing Wage Rates. G.
- H. Within two weeks after the first pay, obtain a certified payroll report from each contractor. A certified report is one that is sworn to and signed by the contractor.
 - If the job will exceed four months, all reports after the initial report can be filed once per month. (The initial report must be filed within two weeks.)
 - 2. If the job will last less than four months, all reports are to be filed weekly after the initial report.
- I.
- Establish and follow procedures to monitor compliance by contractors and subcontractors.

 1. Visit project to verify posting requirements and job classifications.

 2. Review certified payroll reports to ensure they are submitted in a timely fashion and complete with the following information for each employee:

 a) Name, current address, and their social security number or last 4 when permitted
 - Classification (must be specific for laborers and operators, including level)
 - Hours worked on the project c) d)

 - e)
 - Hourly rate
 Fringe benefits, if applicable
 Total hours worked for the week (all jobs) n

 - g) Gross wages, all deductions, net pay Compare rates and fringes reported to rates in prevailing wage schedule. 3.
- J. Upon completion of the project and prior to the final payment, require an affidavit of compliance from each contractor and subcontractor. No public authority shall make final payment to any contractor or subcontractor unless the final affidavits have been filed by the respective contractor and subcontractor. (O.R.C. section 4115.07)
- Report any non-compliance to Ohio Department of Commerce, Division of Industrial Compliance, Bureau of Wage & Hour Administration. The PW complaint form and instructions can be obtained on the website www.com.ohio.gov. K.

RECORD OF THE CERTIFIED PAYROLL REPORTS RECEIVED

Project:	Number:			
Contractor:			Phone #: Email:	
General Contractor:	Prime Contractor:	Subcontra	actor:	
Date work commenced:	Completed:	Final Affi	davit:	

Payroll	Payroll Date	Date Received	Payroll	Payroll Date	Date Received
1			33		
2			34		
3			35		
4			36		
5			37		
6			38		
7			39		
8			40		
9			41		
10			42		
11			43		
12			44		
13			45		
14			46		
15			47		
16			48		
17			49		
18			50		
19			51		
20			52		
21			53		
22			54		
23			55		
24			56		
25			57		
26			58		
27			59		
28			60		
29			61		
30			62		
31			63		
32			64	, ,	

PREVAILING WAGE INVESTIGATION\EMPLOYEE INTERVIEW

Failure to co	mplete this i	interview	form may rec	luce o	ur ability to r	ecover b	ack wa	nges which may	be owed t	to you.	
Project:									Case #		
Address:				(City:				County		
Employee Name:					Last 4 digits of the SS#:						
Address:				City	<i>'</i> :			State:	State:		Zip:
Telephone #: (Home)	(Work)			Ema	il:			Best time to	o be reached:		
Another source by which we can co	ontact you.(S	omeone n	ot living at yo	ur add	ress):						
Name:		Relation	onship:				Tele	phone #:			
Contractor's Name:							Tele	phone #:			
Address:			Cit	y:			Stat	e:		Zip:	9
Date hired: Dat	e started c	on this p	roject :		Approxim	nate ho	urs -	Straight time	:	Overti	me:
Method of recording hours:	Time	Card	Called	into d	office	Reco	rded l	oy: Em	ployee		Foreman
Did you keep a personal rec	ord of you	r hours	worked on	this p	project?	Yes [No	Do you ha	ve check	stubs	?∐Yes ∏No
Did anyone else keep a pers	onal reco	rd ? Y	′es No		If yes,	who:					
List your job classification(s)	:						□Journeyman □ Helper □Apprentice - Level				er
List your specific job duties:					List tools	List tools\equipment used:					
Hourly rate of pay for this pro	oject:				Your regu	Your regular rate of pay:					
Fringe benefits paid by contr ~ Vacation - Amount ~ Other (list):			Heal		surance Life Insurance Pension Bonus Apprenticeship training Profit Sharing						
Did you work overtime?	Yes N	io I	Were hours	s ove	r 40 per we	r 40 per week paid at time and one half?					
When is your pay day?				Method of	f paym	ent:	Check	Cash	Di	rect Deposit	
List names of co-workers on	this projec	ct:									
Comments:				Please provide a detailed list of the dates, times and hours worked within each classification that may apply to the work performed on a separate sheet.							
SIGNATURE AND NOTARY					T						
Affiant is further informed that Section provides a penalty of a misdemeand will be pursued of those persons who false statement whenthe statement public" Sworn to before me and subscribed in my presence this	or of the first of o "knowingly nt is sworn or by the said:	degree an r swear or or affirmed	d that prosect affirm the trut before a nota	ution h of a ry	Signature Return to:	Of Di Bu 66 Re (6	nio Dep vision ureau c 606 Tus eynolds 14) 64	partment of Con of Industrial Con of Wage and Ho ssing Road P. sburg, Ohlo 430 4-2239 n.ohlo.gov	nmerce mpliance & ur Adminis O. Box 40	Labor	y knowledge and Date
Signature of PW Coordinator									Date:		

EMPLOYEE VS. INDEPENDENT CONTRACTOR

EMPLOYEE	↔	YES	Does the employer have the right to control and direct worker?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	↔	YES	Does the worker receive instructions about how and where the work is to be done instead of the employer merely specifying the desired result?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	←	YES	Is payment based on time spent rather than a set price for the work to be performed?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	\leftrightarrow	YES	Does the worker devote virtually all his working time to the employer rather than offering services to the general public?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	\leftrightarrow	YES	Does the worker performing services make their services available to the general public and/or other businesses?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	↔	YES	Is there a continuing relationship between employer and worker?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	\leftrightarrow	YES	Can the worker be discharged at will?	NO	↔	INDEPENDENT CONTRACTOR
EMPLOYEE	↔	YES	Did the employer train the worker for the job?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	\leftrightarrow	YES	Does the employer have employees performing the same work as the independent contractor?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR

EMPLOYEE VS. INDEPENDENT CONTRACTOR-continued

EMPLOYEE	\leftrightarrow	YES	Does the worker perform services personally rather than delegating them to others?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	+	YES	Does the employer set a specific time when the individual services are to be performed?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	\leftrightarrow	YES	Does the employer furnish the tools and materials used by the worker performing services?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	\leftrightarrow	YES	Is the employer assuming all the financial risk, rather than the worker making a significant financial investment in the job and having the opportunity to realize a profit or loss from the work?	NO	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	↔	NO	Does the individual performing the services publicly advertise these services in for example, the newspaper or yellow pages ?	YES	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	\leftrightarrow	NO	Does the individual performing the services have a business license?	YES	\leftrightarrow	INDEPENDENT CONTRACTOR
EMPLOYEE	\leftrightarrow	NO	Does the individual performing the services operate d.b.a. or under a tradename?	YES	\leftrightarrow	INDEPENDENT CONTRACTOR



Mike DeWine Governor

Sheryl Maxfield Director

PREVAILING WAGE GUIDE FOR CONTRACTORS

OHIO DEPARTMENT OF COMMERCE

Division of Industrial Compliance Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Phone: 614-644-2239

Fax: 614-728-8639 www.com.ohio.gov TTY/TDD: 1-800-750-0750

The Ohio Department of Commerce is an Equal Opportunity Employer and Service Provider

OHIO DEPARTMENT OF COMMERCE Division of Industrial Compliance Bureau of Wage and Hour Administration Chief, Stephen Clegg 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 614-644-2239 fax: 614-728-8639 http://www.com.ohio.gov

INVESTIGATORS and THEIR HEADQUARTER COUNTY

#48 Dave Horvath	Allen *
PO Box 1512	Alleli
Lima, Ohio 45802-1512	
Voice: (419) 302-1200	
Fax: (614) 728-8639	
Dave.Horvath@com.state.oh.us	
#30 Mike McKee	Guernsey*
P.O. Box 1342	
Cambridge, Ohio 43725-2247	
Voice/Fax: (740) 432-1987	
Michael.McKee@com.state.oh.us	
#56 Shawn Miles	Stark *
P.O. Box 2547	Stark
North Canton, Ohio 44720	
Volce/Fax: (614) 496-9076	
Shawn.Miles@com.state.oh.us	
#37 David Rice	Montgomery *
P.O. Box 41241	,
Dayton, Ohio 45441	
Voice/Fax: (740) 502-0883	
Dave.Rice@com.state.oh.us	
#35 Sean Selbert	Lake *
P.O. Box 422	
Palnesville, Ohio 44077-3938	
Voice: (614) 557-8662	
Fax: (614) 232-9541	
Sean.Seibert@com.state.oh.us	
#11 Kela D. Thompson	Franklin *
6606 Tussing Rd, PO Box 4009	· Assembly
Reynoldsburg, Ohlo 43068-9009	
Voice: (614) 728-5007	
Fax: (614) 232-9537	
kela.thompson@com.state.oh.us	

* Headquarter County

Stephen Clegg, Chief 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohlo 43068-9009 Volce: (614) 728-8686 Fax: (614) 728-8639 Stephen.Clegg@com.state.oh.us

#90 Jackle Clark, Supervisor 6606 Tussing Rd, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Volce: (614) 728-5019 Fax: (614) 222-2357 Jackle.Clark@com.state.oh.us



PREVAILING WAGE CONTRACTOR RESPONSIBILITIES

This is a summary of prevailing wage contractors' responsibilities. For more detailed information please refer to Chapter 4115 of the Ohio Revised Code

General Information

Ohio's prevailing wage laws apply to all public improvements financed in whole or in part by public funds when the total overall project cost is fairly estimated to be more than \$250,000 for new construction or \$75,000 for reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting.

Ohio's prevailing wage laws apply to all public improvements financed in whole or in part by public funds when the total overall project cost is fairly estimated to be more than \$91,150 for new construction that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction or \$27,309 for reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting of a public improvement that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction.

- a) Thresholds are to be adjusted biennially by the Administrator of Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration
- b) Biennial adjustments to threshold levels are made according to the Price Deflator for Construction Index, United States Department of Commerce, Bureau of the Census*, but may not increase or decrease more than 3% for any year

Penalties for violation

Violators are to be assessed the wages owed, plus a penalty of 100% of the wages owed.

Intentional Violations

If an intentional violation is determined to have occurred, the contractor is prohibited from contracting directly or indirectly with any public authority for the construction of a public improvement. Intentional violation means "a willful, knowing, or deliberate disregard for any provision" of the prevailing wage law and includes but is not limited to the following actions:

- Intentional failure to submit payroll reports as required, or knowingly submitting false or erroneous reports.
- Intentional misclassification of employees for the purpose of reducing wages.
- Intentional misclassification of employees as independent contractors or as apprentices.
- Intentional failure to pay the prevailing wage.
- Intentional failure to comply with the allowable ratio of apprentices to skilled workers as required by the regulations established by Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration.
- Intentionally employing an officer, of a contractor or subcontractor, that is known to be prohibited from contracting, directly or indirectly, with a public authority.



Division of Industrial Compliance

Responsibilities

- A. Pay the prevailing rate of wages as shown in the wage rate schedules issued by the Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration, for the classification of work being performed.
 - Wage rate schedules include all modifications, corrections, escalations, or reductions to wage rates issued for the project.
 - Overtime must be paid at time and one-half the employee's base hourly rate. Fringe benefits are paid at straight time rate for all hours including overtime.
 - 3. Prevailing wages must be paid in full without any deduction for food, lodging, transportation, use of tools, etc.; unless, the employee has voluntarily consented to these deductions in writing. The public authority and the Director of Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration must approve these deductions as fair and reasonable. Consent and approval must be obtained before starting the project.
- B. Use of Apprentices and Helpers cannot exceed the ratios permitted in the wage rate schedules.
 - Apprentices must be registered with the U.S. Department of Labor Bureau of Apprenticeship and Training.
 - Contractors must provide the Prevailing Wage Coordinator a copy of the Apprenticeship Agreement for each apprentice on the project.
- C. Keep full and accurate payroll records available for inspection by any authorized representative of the Ohio Department of Commerce, Division of Industrial Compliance, and Labor, Bureau of Wage and Hour Administration or the contracting public authority, including the Prevailing Wage Coordinator. Records should include but are not limited to:
 - 1. Time cards, time sheets, daily work records, etc.
 - 2. Payroll ledger\journals and canceled checks\check register.
 - Fringe benefit records must include program, address, account number, & canceled checks.
 - Records made in connection with the public improvement must not be removed from the State for one year following the completion of the project.
 - Out-of-State Corporations must submit to the Ohio Secretary of State the full name and address of their Statutory Agent in Ohio.
- Prevailing Wage Rate Schedule must be posted on the job site where it is accessible to all employees.
- E. Prior to submitting the initial payroll report, supply the Prevailing Wage Coordinator with your project dates to schedule reporting of your payrolls.
- F. Supply the Prevailing Wage Coordinator a list of all subcontractors including the name, address, and telephone number for each.
 - Contractors are responsible for their subcontractors' compliance with requirements of Chapter 4115 of the Ohio Revised Code.



Division of Industrial Compliance

- G. Before employees start work on the project, supply them with written notification of their job classification, prevailing wage rate, fringe benefit amounts, and the name of the Prevailing Wage Coordinator for the project. A copy of the completed signed notification should be submitted to Prevailing Wage Coordinator.
- H. Supply all subcontractors with the Prevailing Wage Rates and changes.
- Submit certified payrolls within two (2) weeks after the initial pay period. Payrolls must include the following information:
 - 1. Employees' names, addresses, and social security numbers.
 - a. Corporate officers/owners/partners and any salarled personnel who do physical work on the project are considered employees. All rate and reporting requirements are applicable to these individuals.
 - 2. Employees' work classification.
 - a. Be specific about the laborers and/or operators (Group)
 - b. For all apprentices, show level/year and percent of journeyman's rate
 - Hours worked on the project for each employee.
 - The number of hours worked in each day and the total number of hours worked each week.
 - 4. Hourly rate for each employee.
 - a. The minimum rate paid must be the wage rate for the appropriate classification. The Department's Wage Rate Schedule sets this rate.
 - b. All overtime worked is to be paid at time and one-half for all hours worked more than forty (40) per week.
 - 5. Where fringes are paid into a bona fide plan instead of cash, list each benefit and amount per hour paid to program for each employee.
 - a. When the amount contributed to the fringe benefit plan and the total number of hours worked by the employee on all projects for the year are documented, the hourly amount is calculated by dividing the total contribution of the employer by the total number of hours worked by the employee.
 - b. When the amount contributed to the fringe benefit is documented but not the total hours worked, the hourly amount is calculated by dividing the total yearly contribution by 2080.
 - 6. Gross amount earned on all projects during the pay period.
 - 7. Total deductions from employee's wages.
 - Net amount paid.
- J. The reports shall be certified by the contractor, subcontractor, or duly appointed agent stating that the payroll is correct and complete; and that the wage rates shown are not less than those required by the O.R.C. 4115.
- K. Provide a Final Affidavit to the Prevailing Wage Coordinator upon the completion of the project.

PREVAILING WAGE NOTIFICATION to EMPLOYEE

4115.05... the contractor or subcontractor shall furnish each employee NOT covered by a collective bargaining agreement written notification of the job classification to which the employee is assigned, the prevailing wage determined to be applicable to that classification, separated into the hourly rate of pay and the fringe payments, and the identity of the prevailing wage coordinator appointed by the public authority. The contractor or subcontractor shall furnish the same notification to each affected employee every time the job classification of the employee is changed.

Project Name:					Job Num	ber:
Contractor:						
Project Location:						
Prevailing Wage Coor	dinator			Er	mployee	
Public Authority:			Name:			
Name of PWC:			Street:			
Street:		٠	City:			
City:			State/Zip:			
State/Zip:			Phone:			
			Email:			
Phone:			Last 4 Digits of	of SS#:		
You will be performing work on this project type of work you are performing.	ct that falls u	under these	classifications.	You will be p	paid the app	ropriate rate for the
Classification:			illing Wage stal Package:	Minus fringe be	s your enefits *:	Your hourly base rate and overtime:
						1
						1
						1
						1
						1
						1
Hourly fringe benefits paid on your behalf	by this com	npany (Year	rly amount the co	mpany pay	s divided by	2080):
Fringe	Amo	unt		Fringe		Amount
Health Insurance			Vacation			<u>J</u>
Life Insurance			Holiday			
Pension			Sick Pay			,
Other (Specify)			Training		_	
Other (Specify)			Total Hourly	Fringes *		
Contractor's Signature:						Date:
Employee's Signature:						Date:

INSTRUCTIONS FOR PREPARING CERTIFIED PAYROLL REPORTS

General

Contractors and subcontractors are required by law to submit certified payroll reports for work on projects covered by Ohio's Prevailing Wage Law. This form meets the reporting requirements established by Ohio Revised Code Chapter 4115. The use of this form is not mandatory; employers may submit their own forms provided that all of the required information is included. This form may be reproduced, or additional copies obtained from:

Ohio Department of Commerce
Division of Industrial Compliance and Labor
Bureau of Wage & Hour Administration
6606 Tussing Rd, P. O. Box 4009
Reynoldsburg, OH 43068-9009
Phone: (614) 644-2239
www.com.ohio.gov

Certified Payroll Heading

Employer name and address: Company's full name and address... Indicate if the company is a subcontractor.

Subcontractor: Check and list the name of the General Contractor or Prime.

Project: Name and location of the project, including county.

Contracting Public Authority: Name and address of the contracting public authority... (Owner of the project).

Week Ending: Month, day, and year for the last day of the reporting period.

Payroll #: Indicate first, second, third, etc. payroll filed by the company for the project.

Page Indicator: number of pages included in the report.

Project Number: Determined by the public authority... if there is no number leave it blank.

Payroll Information by Column

- Employee Name, Address and Social Security number: This information must be provided for all employees that perform physical labor on the project.
 Corporate officers, partners, and salaried employees are considered employees and must be paid the prevailing rate. Individual sole proprietors do not have to pay themselves prevailing rate but must report their hours on the project.
- Work Class: List classification of work actually performed by employee. If unsure of work classification, consult the Ohio department of Commerce, Wage
 and Hour Bureau. Employees working more than one classification should have separate line entries for each classification. Indicate what year/level for
 Apprentices. Be specific when using laborer and operator classifications; for example, Backhoe Operator or Asphalt Laborer.
- 3. Hours Worked, Day & Date: In the first row of column 3 enter days of pay period example; M T W TH F S S. The second row is for the date that corresponds with each day for the pay period. In the employee information section enter the number of hours worked on the prevailing wage project and which day the hours were worked. Separate rows are labeled for (ST) straight time hours and (OT) overtime hours. All hours worked after 40, must be paid at the appropriate overtime rate.
- 4. Project Total Hours: Total the hours entered for pay period.
- 5. Base Rate: Enter actual rate per hour paid to the employee. The overtime hourly rate is time and one-half the base rate listed in the prevailing wage schedule plus fringe benefits at straight time rate. The prevailing wage schedule lists the base rate plus fringe benefit amounts. These amounts added together equal the total prevailing wage rate. Employers must pay this total amount in one of three ways.
 - a. Total rate may be paid in entirety in the base rate to the employee; in which case, the cash designation will be checked for fringe benefits.
 - b. Total rate may be paid as listed in prevailing wage rate schedule with total fringe amounts paid approved plans.
 - c. Total rate may be paid with a combination of base rate and fringe payments to approved plans in amounts other than those listed in schedule.
- 6. Project Gross: Enter total gross wages earned on the project for straight time and overtime. Project hours X base rate should equal project gross.
- 7. Fringes: If fringe benefits are paid in the hourly base rate, indicate this by marking the Cash space. If fringe benefits are paid to approved plans as listed in the prevailing wage rate schedule, mark the space Approved Plans. If fringe benefits are paid partially in the base rate and partially to approved plans, mark the space Cash & Approved plans. List the hourly amount paid to approved plans for each fringe. If payments are not made on a per hour basis, calculate the hourly fringe credit by dividing the yearly employer contribution by the lesser of: hours actually worked in the year (these must be documented) or 2080. Fringe benefits include: Employer's share of health insurance, life insurance, retirement plan, bonus/profit sharing, sick pay, holiday pay, personal leave, vacation, and education/training programs. If unsure of a possible fringe benefit, contact the Ohio Department of Commerce Division of Industrial Compliance and Labor Bureau of Wage & Hour Administration.
- Total Hours All Jobs: Total all hours worked during the pay period including non-prevailing wage jobs.
- 9. Total Gross All Jobs: Gross amount earned in the pay period for all hours worked.
- Self explanatory.
- 11. Self explanatory

Certified Payroll Report

Report for: Company: ¹⁾	-				Subcon		or Name:		Contrac	t No:						Р	ayroll No	o:		
Address:									Project	Name & L	ocation	:				v	Veek En	ding:		
City, State, Zip Phone No:			Public	Autho	ority (Ow	mer):		_	_											
1. Employee Name, Address, & SS# (Last 4	2.Work Class ³⁾		3.Preva	175	age Proje Day & D		4.To		5.Base Rate	6.Project Gross	7. Fring		Cash Cash &		pproved I				ayroll Amount	
digits if permitted)											Fri H&W	nge Rate	Your Co				8.Total Hrs for	9. Total Gross on All	10. Total	11. Net Pay on All
		от					17 H 21			ALBERTON BERTHAN	HOV	rens	vac	HOI	Other	Total	all Jobs	Jobs	Deductions	Jobs
		ST																		
		от																		
		ST																		
		от																		
		ST																		
		от																		
		ST																		
		от																		
- VIII		ST																		
By signing below, I certify rate for the class of work don defined in ORC Chapter 411: or Subcontractor to civil or cr	5; and (5) appre	ntices are	nave been	paid as	indicated	apove	(4) no rep	ates o	or deduc	tions have h	Seen or w	Il he mad	a directly	or indirac	Alle from 41	an tested and		and with a with a second	Contraction of the Contract of	
Type or Print Name and Tit	le						s	ignatu	ure								_=_	Date		
11/14 jc									_		2)Attach	additiona	al sheets	as neces	sarv.	3)Tvn	e in conti	nuous line tex	t will wron	

DO NOT REDO FORM AND CHANGE RATES IF AN ERROR HAS BEEN MADE! SUBMIT A CORRECTED REPORT

eport for: empany: ¹⁾					if Subco			ime:	Contrac	t No:						P	ayroll No	o:		
ty, State, Zip			Publ	ic Aut	hority (O	wner):			Project	Name & L	ocation						/eek End	ding:	of	
1. Employee Name.	2.Work Class ²¹				Wage Pro			4.Total Hours	201000000	6.Project	7. Fring	. 0	Cash &		pproved F			Weekly F	Payroll Amoun	t
digits if permitted)			_					J. O.L.	/	/	Fri	ige Rate	Your Co	mpany P	ays Per H	lour	8, Total Hrs for	9. Total Gross on Al	10, Total	11. N Pay or
Name Address	Class	от			1			k			WSH	Pens	Vac	Hol	Other	Total	all Jobs		Deductions	
Last 4 SSN		ST	Our	the ne	riod that i								1							1
		ОТ			:: Oct 26 1		2.								_					1
		01	In	dividu	not al weekly	dates							e in frin	•					paid will be to e paid and the	
		ST				-							olicable			ļ		being co	rrected. Prov	
		ОТ	-			-														
		ST	_																	
		от																		
		ST																		
		от																		
		ST																		
By signing below, I certify for the class of work don- ned in ORC Chapter 411: Subcontractor to civil or or see or Print Name and Tit	e; (3) the minge 5; and (5) appro iminal prosecu	entices a	nave bee	ed with	as indicati	ed above	20 (4) D	o rebates	s or deduc	ions have h	AAD OF WE	he mad	a directive	or indime	the fram th	an total an			manufaction of	in all a made as
14 jc											2)Attach	additions	l sheets	as neces	sary.	31Typ	e in conti	nuous line, te	xt will wrap.	
end cover letter s ansaction numbe	tating wha	et hap	pened a	along	with a	signe endor	ed let	ter fro	om the	employe	ee acki	nowled	dging ti	hat the	ey were	e unde	rpaid,	received p	ayment, o	check



Division of Industrial Compliance

Affidavit of Compliance

Prevailing Wages

(Name of person signing affidavit) (Title) do hereby certify that the wages paid to all employees of
do hereby certify that the wages paid to all employees of
(Company Name)
for all hours worked on the
(Project name and location)
project, during the period from to are in (Project Dates)
compliance with prevailing wage requirements of Chapter 4115 of the Ohio Revised Code. I further
certify that no rebates or deductions have been or will be made, directly or indirectly, from any wages
paid in connection with this project, other than those provided by law.
(Signature of Officer or Agent)
Sworn to and subscribed in my presence this day of, 20
(Notary Public)

The above affidavit must be executed and sworn to by the officer or agent of the contractor or subcontractor who supervises the payment of employees. This affidavit must be submitted to the owner (public authority) before the surety is released or final payment due under the terms of the contract is made.



Prevailing Wage Determination Cover Letter

County:

WARREN

~

Determination Date: Expiration Date:

11/13/2024 02/13/2025

THE FOLLOWING PAGES ARE PREVAILING RATES OF WAGES ON PUBLIC IMPROVEMENTS FAIRLY ESTIMATED TO BE MORE THAN THE AMOUNT IN O.R.C. SEC. 4115.03 (b) (1) or (2), AS APPLICABLE.

Section 4115.05 provides, in part: "Where contracts are not awarded or construction undertaken within ninety days from the date of the establishment of the prevailing wages, there shall be a redetermination of the prevailing rate of wages before the contract is awarded." The expiration date of this wage schedule is listed above for your convenience only. This wage determination is not intended as a blanket determination to be used for all projects during this period without prior approval of this Department.

Section 4115.04, Ohio Revised Code provides, in part: "Such schedule of wages shall be attached to and made a part of the specifications for the work, and shall be printed on the bidding blanks where the work is done by contract..."

The contract between the letting authority and the successful bidder shall contain a statement requiring that mechanics and laborers be paid a prevailing rate of wage as required in Section 4115.06, Ohio Revised Code.

The contractor or subcontractor is required to file with the contracting public authority upon completion of the project and prior to final payment therefore an affidavit stating that he has fully complied with Chapter 4115 of the Ohio Revised Code.

The wage rates contained in this schedule are the "Prevailing Wages" as defined by Section 4115.03, Ohio Revised Code (the basic hourly rates plus certain fringe benefits). These rates and fringes shall be a minimum to be paid under a contract regulated by Chapter 4115 of the Ohio Revised Code by contractors and subcontractors. The prevailing wage rates contained in this schedule include the effective dates and wage rates currently on file. In cases where future effective dates are not included in this schedule, modifications to the wage schedule will be furnished to the Prevailing Wage Coordinator appointed by the public authority as soon as prevailing wage rates increases are received by this office.

"There shall be posted in a prominent and accessible place on the site of work a legible statement of the Schedule of Wage Rates specified in the contract to the various classifications of laborers, workmen, and mechanics employed, said statement to remain posted during the life of such contract." Section 4115.07, Ohio Revised Code.

Apprentices will be permitted to work only under a bona fide apprenticeship program if such program exists and if such program is registered with the Ohio Apprenticeship Council.

Section 4115.071 provides that no later than ten days before the first payment of wages is due to any employee of any contractor or subcontractor working on a contract regulated by Chapter 4115, Ohio Revised Code, the contracting public authority shall appoint one of his own employees to act as the prevailing wage coordinator for said contract. The duties of the prevailing wage coordinator are outlined in Section 4115.071 of the Ohio Revised Code.

Section 4115.05 provides for an escalator in the prevailing wage rate. Each time a new rate is established, that rate is required to be paid on all ongoing public improvement projects.

A further requirement of Section 4115.05 of the Ohio Revised Code is: "On the occasion of the first pay date under a contract, the contractor shall furnish each employee not covered by a collective bargaining agreement or understanding between employers and bona fide organizations of Labor with individual written notification of the job classification to which the employee is assigned, the prevailing wage determined to be applicable to that classification, separated into the hourly rate of pay and the fringe payments, and the identity of the prevailing wage Coordinator appointed by the public authority. The contractor or subcontractor shall furnish the same notification to each affected employee every time the job classification of the employee is changed."

Work performed in connection with the installation of modular furniture may be subject to prevailing wage.

THIS PACKET IS NOT TO BE SEPARATED BUT IS TO REMAIN COMPLETE AS IT IS SUBMITTED TO YOU. (Reference guidelines and forms are included in this packet to be helpful in the compliance of the Prevailing Wage law.) wh1500

Name of Union: Asbestos Local 50 Heat & Frost Insulators

Change #: LCN03-2024ibAsbLoc50

Craft: Asbestos Worker Effective Date: 10/30/2024 Last Posted: 10/30/2024

	В	HR		Fring	ge Bene	fit Payı	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Asbestos Insulation Mechanic	\$3	8.56	\$9.20	\$8.85	\$0.50	\$0.00	\$3.75	\$0.00	\$0.00	\$0.00	\$60.86	\$80.14
Firestop Technician	\$3	8.56	\$9.20	\$8.85	\$0.50	\$0.00	\$3.75	\$0.00	\$0.00	\$0.00	\$60.86	\$80.14
Apprentice	Per	cent										
1st year	60.00	\$23.14	\$9.20	\$4.52	\$0.50	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$37.86	\$49.42
2nd year	70.00	\$26.99	\$9.20	\$4.52	\$0.50	\$0.00	\$0.85	\$0.00	\$0.00	\$0.00	\$42.06	\$55.56
3rd year	80.00	\$30.85	\$9.20	\$6.76	\$0.50	\$0.00	\$1.25	\$0.00	\$0.00	\$0.00	\$48.56	\$63.98
4th year	85.00	\$32.78	\$9.20	\$6.76	\$0.50	\$0.00	\$1.50	\$0.00	\$0.00	\$0.00	\$50.74	\$67.12

Special Calculation Note:

Ratio:

1 Journeymen to 1 Apprentice

4 Journeymen to 1 Apprentice thereafter

Jurisdiction (* denotes special jurisdictional note) :

ATHENS, AUGLAIZE, BUTLER*, CHAMPAIGN, CLARK, CLINTON, CRAWFORD, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GREENE, GUERNSEY, HARDIN, HOCKING, KNOX, LICKING, LOGAN, MADISON, MARION, MIAMI, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PREBLE, ROSS, SHELBY, UNION, VINTON, WARREN*

Special Jurisdictional Note: Township of Butler County: Townships of Lemon and Madison. Warren County: Township of Cleer Creek, Franklin, Massie, Turtle Creek and Wayne

Details:

Name of Union: Asbestos Local 8 Heat & Frost Insulators

Change #: LCN01-2024ibLoc8

Craft: Asbestos Worker Effective Date: 03/06/2024 Last Posted: 03/06/2024

	F	BHR		Frin	ge Bene	fit Payı	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification											
Asbestos Insulators	\$3	34.23	\$8.64	\$9.35	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$56.17	\$73.28
Apprentice Rates for those that began BEFORE March 1, 2024												
1st Year	\$1	8.83	\$8.64	\$5.10	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$36.52	\$45.94
2nd Year	\$2	0.53	\$8.64	\$6.65	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$39.77	\$50.04
3rd Year	\$2	2.25	\$8.64	\$6.65	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$41.49	\$52.62
4th Year	\$2	3.96	\$8.64	\$6.65	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$43.20	\$55.18
Apprentice Rates for those that began AFTER March 1, 2024	Pe	rcent										
1st Year	55.00	\$18.83	\$8.64	\$5.10	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.02	\$42.43
2nd Year	59.98	\$20.53	\$8.64	\$6.65	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.27	\$46.54
3rd Year	65.00	\$22.25	\$8.64	\$6.65	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$41.49	\$52.61
4th Year	70.00	\$23.96	\$8.64	\$6.65	\$0.45	\$0.00	\$3,50	\$0.00	\$0.00	\$0.00	\$43.20	\$55.18

Special Calculation Note:

Ratio:

- 1 Journeyman to 1 Apprentice
- 2 Journeymen to 2 Apprentices
- 3 Journeymen to 3 Apprentices
- 3 Journeymen to 1 Apprentice thereafter

Jurisdiction (* denotes special jurisdictional note):

ADAMS, BROWN, BUTLER*, CLERMONT, HAMILTON, HIGHLAND, WARREN*

Special Jurisdictional Note: In Butler County:townships of fairfield, Hanover, Liberty, Milford, Morgan, Oxford, Ripley, Ross, St. Clair, Union & Wayne. In Warren

County: Townships of Deerfield, Hamilton, Harlan, Salem, Union & Washington

Details:

All work in connection with Asbestos Removal, Abatement, Encapsulation, Lead Abatement, Hazardous Materials and Fire Stopping which is performed by employees in the Mechanic or Apprentice Classification shall be covered under the terms of this Agreement..

Name of Union: Asbestos Local 207

Change #: LCR01-2024ibLoc207

Craft: Asbestos Worker Effective Date: 07/24/2024 Last Posted: 07/24/2024

	В	HR		Fring	ge Bene	fit Payn	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Cla	ssification											
Asbestos Abatement	\$3	0.00	\$10.45	\$7.00	\$0.65	\$3.25	\$0.00	\$0.00	\$0.00	\$0.00	\$51.35	\$66.35
Trainee	Per	rcent										
Trainee	65.15	\$19.55	\$10.45	\$1.60	\$0.65	\$1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.25	\$43.02

Special Calculation Note:

Ratio:

3 Journeymen to 1 Trainee

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ASHLAND, ASHTABULA*, ATHENS, AUGLAIZE, BROWN, BUTLER*, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, ERIE*, FAIRFIELD, FAYETTE, FRANKLIN, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARDIN, HARRISON, HIGHLAND, HOCKING, HOLMES, HURON, KNOX, LAKE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MIAMI, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PORTAGE, PREBLE, RICHLAND, ROSS, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN*, WAYNE

Special Jurisdictional Note: Ashtabula County: (post offices & townships of Ashtabula, Austinburg, Geneva, Harperfield, Jefferson, Plymouth & Saybrook) (townships of Andover, Cherry Valley, Colbrook, Canneaut, Denmark, Dorset, East Orwell, Hartsgrove, Kingville, Lenox, Monroe, Morgan, New Lyme, North Kingsville, Orwell, Pierpoint, Richmond Rock Creek, Rome, Shefield, Trumbull, Wayne, Williamsfield & Windsor)

Butler County: (townships of Fairfield, Hanover, Liberty, Milford, Morgan, Oxford, Ripley, Ross, St. Clair, Union & Wayne) (Lemon & Madison)

Erie County: (post offices & townships of Berlin, Berlin Heights, Birmingham, Florence, Huron, Milan,

Shinrock & Vermilion)

Warren County: (townships of: Deerfield, Hamilton, Harlan, Salem, Union & Washington) (Clear Creek, Franklin, Mossie, Turtle Creek & Wayne)

Details:

Asbestos & lead paint abatement including, but not limited to the removal or encapsulation of asbestos & lead paint, all work in conjunction with the preparation of the removal of same & all work in conjunction with the clean up after said removal. The removal of all insulation materials, whether they contain asbestos or not, from mechanical systems (pipes, boilers, ducts, flues, breaching, etc.) is recognized as being the exclusive work of the Asbestos Abatement Workers.

On all mechanical systems (pipes, boilers, ducts, flues, breaching, etc.) that are going to be demolished, the removal of all insulating materials whether they contain asbestos or not shall be the exclusive work of the Laborers.

An Abatement Journeyman is anyone who has more than 600 hours in the Asbestos Abatement field.

Name of Union: Boilermaker Local 105

Change # : LCN02-2013fbLoc 105

Craft: Boilermaker Effective Date: 10/01/2013 Last Posted: 09/25/2013

	В	HR		Frin	ge Bene	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
		=	H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification											
Boilermaker	\$3	5.26	\$7.07	\$13.28	\$0.89	\$0.00	\$3.00	\$0.55	\$0.00	\$0.00	\$60.05	\$77.68
Apprentice	Pei	rcent										
1st 6 months	70.03	\$24.69	\$7.07	\$11.30	\$0.89	\$0.00	\$2.10	\$0.55	\$0.00	\$0.00	\$46.60	\$58.95
2nd 6 months	75.02	\$26.45	\$7.07	\$11.30	\$0.89	\$0.00	\$2.25	\$0.55	\$0.00	\$0.00	\$48.51	\$61.74
3rd 6 months	80.00	\$28.21	\$7.07	\$11.30	\$0.89	\$0.00	\$2.40	\$0.55	\$0.00	\$0.00	\$50.42	\$64.52
4th 6 months	85.02	\$29.98	\$7.07	\$11.30	\$0.89	\$0.00	\$2.55	\$0.55	\$0.00	\$0.00	\$52.34	\$67.33
5th 6 months	87.52	\$30.86	\$7.07	\$13.28	\$0.89	\$0.00	\$2.63	\$0.55	\$0.00	\$0.00	\$55.28	\$70.71
6th 6 months	90.03	\$31.74	\$7.07	\$13.28	\$0.89	\$0.00	\$2.70	\$0.55	\$0.00	\$0.00	\$56.23	\$72.11
7th 6 months	92.50	\$32.62	\$7.07	\$13.28	\$0.89	\$0.00	\$2.78	\$0.55	\$0.00	\$0.00	\$57.19	\$73.49
8th 6 months	95.00	\$33.50	\$7.07	\$13.28	\$0.89	\$0.00	\$2.85	\$0.55	\$0.00	\$0.00	\$58.14	\$74.89

Special Calculation Note: Other is Supplemental Health and Welfare

Ratio:

5 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ATHENS, BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GREENE, GUERNSEY, HAMILTON, HIGHLAND, HOCKING, JACKSON, LAWRENCE, LICKING, MADISON, MEIGS, MIAMI, MONTGOMERY, MORGAN, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PREBLE, ROSS, SCIOTO, VINTON, WARREN

Special Jurisdictional Note:

Details:

Name of Union: Boilermaker Local 154

Change #: LCN01-2012kpLoc 154

Craft: Boilermaker Effective Date: 03/22/2012 Last Posted: 03/22/2012

Ciait . BC	1	BHR		Frin	ge Ben	efit Pay			Irrevo Fu	cable	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											11.
Boilermaker	\$:	36.17	\$8.57	\$11.28	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$62.56	\$80.65
Trainee 60%	\$2	23.25	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$41.95	\$53.57
Trainee 70%	\$2	27.13	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$45.83	\$59.40
Trainee 80%	\$3	31.00	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$49.70	\$65.20
Trainee 90%	\$3	34.88	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$53.58	\$71.02
Apprentice Registered After 11/01/2005	Pe	rcent										
1st 6 months	60.00	\$21.70	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$40.40	\$51.25
2nd 6 months	65.00	\$23.51	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$42.21	\$53.97
3rd 6 months	70.00	\$25.32	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$44.02	\$56.68
4th 6 months	75.00	\$27.13	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$45.83	\$59.39
5th 6 months	80.00	\$28.94	\$8.57	\$3.59	\$0.55	\$0.00	\$4,25	\$0.34	\$0.00	\$1.40	\$47.64	\$62.10
6th 6 months	85.00	\$30.74	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$49.44	\$64.82
7th 6 months	90.00	\$32.55	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$51.25	\$67.53
8th 6 months	95.00	\$34.36	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$53.06	\$70.24

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

Jurisdiction (* denotes special jurisdictional note):

BUTLER, COLUMBIANA, FAYETTE, JEFFERSON, LAWRENCE, MERCER, WARREN, WASHINGTON

Special Jurisdictional Note:

Details:

Work includes but not limited to: boiler making, acetylene burning, riveting, chipping, caulking, rigging, fitting-up, grinding, reaming, impact machine operating, unloading, and handling of boilermaker's material and equipment. Boilermakers, Blacksmiths, Forgers, Iron Shipbuilders

Name of Union: Bricklayer Local 23 Heavy Hwy (A)

Change #: LCN01-2024ibLoc23HevHwyA

Craft: Bricklayer Effective Date: 06/05/2024 Last Posted: 06/05/2024

	В	HR		Frin	ge Bene	fit Payı	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											//
Cement Mason Bricklayer Sewer Water Works A	\$33.39		\$10.00	\$9.53	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$53.45	\$70.14
Apprentice	Per	cent										
1st year	70.00	\$23.37	\$10.00	\$9.53	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.43	\$55.12
2nd year	80.00	\$26.71	\$10.00	\$9.53	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.77	\$60.13
3rd year	90.00	\$30.05	\$10.00	\$9.53	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.11	\$65.14

Special Calculation Note: NOT FOR BUILDING CONSTRUCTION.

Ratio:

- 3 Journeymen to 1 Apprentice
- 6 Journeymen to 2 Apprentice
- 9 Journeymen to 3 Apprentice
- 12 Journeymen to 4 Apprentice
- 15 Journeymen to 5 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note:

Details:

- (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.
- (B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Name of Union: Bricklayer Local 23 Heavy Hwy (B)

Change #: LCN01-2024ibLoc23HevHwyB

Craft: Bricklayer Effective Date: 06/05/2024 Last Posted: 06/05/2024

	В	HR		Frin	ge Bene	fit Payı	nents		Irrevo Fui	50	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Cement Mason Bricklayer Power Plants Tunnels Amusement Parks B	\$3	4.39	\$10.00	\$9.52	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.45	\$71.65
Apprentice	Per	cent										
1st year	70.00	\$24.07	\$10.00	\$9.52	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.13	\$56.17
2nd year	80.00	\$27.51	\$10.00	\$9.52	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.57	\$61.33
3rd year	90.00	\$30.95	\$10.00	\$9.52	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.01	\$66.49

Special Calculation Note: NOT FOR BUILDING CONSTRUCTION.

Ratio:

- 3 Journeymen to 1 Apprentice
- 6 Journeymen to 2 Apprentice
- 9 Journeymen to 2 Apprentice
- 12 Journeymen to 4 Apprentice
- 15 Journeymen to 5 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW. MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT,

TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note:

Details:

- (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.
- (B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Name of Union: Bricklayer Local 23 (Cincinnati)

Change #: LCN01-2024ibLoc23Cinci

Craft: Bricklayer Effective Date: 06/05/2024 Last Posted: 06/05/2024

]	BHR		Frin	ge Ben	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification											
Bricklayer	\$	35.00	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.18	\$69.68
Stone Mason	\$:	35.00	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.18	\$69.68
Pointer Caulker Cleaner	\$:	35.00	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.18	\$69.68
Refractory Workers	\$3	36.00	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$53.18	\$71.18
Refractory Worker Hot Pay	\$3	38.00	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55.18	\$74.18
Sawman	\$3	35.25	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.43	\$70.05
Layout Man	\$3	35.25	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.43	\$70.05
Free Standing Chimney	\$3	35.50	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.68	\$70.43
Apprentice	Pe	rcent										
1st 6 months	70.00	\$24.50	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.68	\$53.93
2nd 6 months	74.00	\$25.90	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.08	\$56.03
3rd 6 months	78.00	\$27.30	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.48	\$58.13
4th 6 months	82.00	\$28.70	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.88	\$60.23
5th 6 months	86.00	\$30.10	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.28	\$62.33
6th 6 months	90.00	\$31.50	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.68	\$64.43
7th 6 months	94.00	\$32.90	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.08	\$66.53
8th 6 months	98.00	\$34.30	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.48	\$68.63

MASON FINISHER 1-90 Days	1 1	\$15.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.75	\$23.62
90-365 Days	45,00	\$15.75	\$9.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.54	\$33.42
366+ Days	50.00	\$17.50	\$9.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.29	\$36.04

Special Calculation Note: **In order to utilize a Pre-Apprentice, you must have 1 Registerd Apprentice in your employ.

Mason Trainees Health and Welfare after 180 days

Ratio:

- 1-2 Journeyman to 1 Apprentice
- 3-4 Journeyman to 2 Apprentice
- 5-6 Journeyman to 2 Apprentice
- 7-10 Journeyman to 3 Apprentice
- 1 Apprentice permits 1 Mason Trainee
- 2 Apprentice permits 1 Mason Trainee
- 3 Apprentice permits 2 Mason Trainees
- 4 Apprentice permits 2 Mason Trainees

For each additional 5 Journeyman to 1 Apprentice, for every 3 additional Apprentices, 1 Mason Finisher may be added

Jurisdiction (* denotes special jurisdictional note) :

BROWN, BUTLER, CLERMONT, HAMILTON, PREBLE*, WARREN

Special Jurisdictional Note: In Preble County the following townships are included: (Dixon, Gasper, Graits, Israel, Lanier and Somers)

Details:

MASON FINISHER:duties shall be to work in all aspects of Masonry construction taking direction from the employer and the Journeyman Bricklayer & Stone Mason's working on the job. Mason Finisher's may work on job site only when a registered apprentice is on job and the ratios in table above will strictly be enforced.

Refractory work is classified as working with any of the following materials: Acid brick, carbon black brick or carbon black block, firebrick grinding, plastics (with a gun) and any resinous cement.

Fifty cents (\$0.50) per hour above scale shall be paid to employees working on free standing industrial or institutional chimneys which are completely detached from any building structure.

Name of Union: Bricklayer Local 23 Tile Finisher

Change #: LCN01-2023ibLoc23TF

Craft: Bricklayer Effective Date: 09/01/2023 Last Posted: 08/30/2023

	E	BHR		Frin	ge Ben	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classifi	cation											
Bricklayer Tile Marble Terrazzo Finisher	\$2	27.87	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$44.18	\$58.12
Terrazzo Base Grinder	\$2	8.37	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$44.68	\$58.87
Marble Sander Polisher	\$2	7.97	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$44.28	\$58.27
Apprentices	Per	rcent										
1st 6 months 0-600 hrs	65.00	\$18.12	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$34.43	\$43.48
2nd 6 months 601-1200 hrs	70.00	\$19.51	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$35.82	\$45.57
3rd 6 months 1201-1800 hrs	75.00	\$20.90	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$37.21	\$47.66
4th 6 months 1801-2400 hrs	80.00	\$22.30	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$38.61	\$49.75
5th 6 months 2401-3000 hrs	85.00	\$23.69	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$40.00	\$51.84
6th 6 months 3001-3600	95.00	\$26.48	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$42.79	\$56.02
1-30 Days Prior to Entering Apprenticeship	60.00	\$16.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16.72	\$25.08

Special Calculation Note: Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Note that the classification description is clarified after the local union number at the top of the page.

Ratio:

1 Journeyman to 1 Apprentice 5 Journeymen to 1 Apprentice

10 Journeymen to 2 Apprentices

15 Journeymen to 3 Apprentices

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, BROWN, BUTLER, CLERMONT, GALLIA, HAMILTON, LAWRENCE, PREBLE*, SCIOTO, WARREN, WARREN*

20 Journeymen to 4 Apprentices 25 Journeymen to 5 Apprentices

Special Jurisdictional Note: Warren in the townships of Dixon, Gasper, Isrsel, Somers & Gratis in Prebble County

Details:

In order to utilize a Pre-Apprentice, you must have 1 Registerd Apprentice in your employ.

Name of Union: Bricklayer Local 23 Tile Mechanic

Change #: LCN01-2023ibLoc23TM

Craft: Bricklayer Effective Date: 09/01/2023 Last Posted: 08/30/2023

		BHR		Frin	ge Ben	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification											
Bricklayer Tile Terrazzo Marble Mason Mechanic	\$32.41		\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$48.75	\$64.95
Marble Layout Work	\$:	32.91	\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$49.25	\$65.70
Swing Scaffold Worker	\$3	33.91	\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$50.25	\$67.20
Apprentice after 2 years (2400 hrs) as Apprentice Finisher	Percent											,
5th/6 Months 0- 600 hrs	70.00	\$22.69	\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$39.03	\$50.37
6th/6 months 601-1200 hrs	80.00	\$25.93	\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$42.27	\$55.23
7th/6 months 1201-1800 hrs.	85.00 \$27.55		\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$43.89	\$57.66
8th/6 months 1801-2400 hrs.	90.00	\$29.17	\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$45.51	\$60.09

Special Calculation Note: Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Note that the classification description is clarified after the local union number at the top of the page.

Ratio:

1 Journeyman to 1 Apprentice

5 Journeymen to 1 Apprentice

10 Journeymen to 2 Apprentices

15 Journeymen to 3 Apprentices

20 Journeymen to 4 Apprentices

25 Journeymen to 5 Apprentices

Jurisdiction (* denotes special jurisdictional note):

ADAMS, BROWN, BUTLER, CLERMONT, GALLIA, HAMILTON, LAWRENCE, PREBLE*, SCIOTO, WARREN

Special Jurisdictional Note: In Preble County the Townships of Dixon, Israel, Gasper, Lanier, Somers and Gratis.

Details:

In order to utilize a Pre-Apprentice, you must have 1 Registerd Apprentice in your employ.

Name of Union: Carpenter Floorlayer SW District G

Change #: LCN01-2023ibLocSWG

Craft: Carpenter Effective Date: 09/20/2023 Last Posted: 09/20/2023

	В	SHR		Frin	ge Bene	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Carpenter Floorlayer	\$29.02		\$8.31	\$6.95	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$47.31	\$61.82
Apprentice	Percent											
1st 3 months	65.00	\$18.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.86	\$28.29
2nd 3 months	65.00	\$18.86	\$8.31	\$0.00	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$30.20	\$39.63
2nd 6 months	65.00	\$18.86	\$8.31	\$0.00	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$30.20	\$39.63
3rd 6 months	70.00	\$20.31	\$8.31	\$0.00	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$31.65	\$41.81
4th 6 months	75.00	\$21.76	\$8.31	\$0.00	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$33.11	\$43.99
5th 6 months	80.00	\$23.22	\$8.31	\$6.95	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$41.51	\$53.11
6th 6 months	85.00	\$24.67	\$8.31	\$6.95	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$42.96	\$55.29
7th 6 months	90.00	\$26.12	\$8.31	\$6.95	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$44.41	\$57.47
8th 6 months	95.00	\$27.57	\$8.31	\$6.95	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$45.86	\$59.64

Special Calculation Note: Other fs for UBC National Fund and Install

Ratio:

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, DARKE, GREENE, HAMILTON, LOGAN, MIAMI, MONTGOMERY, PREBLE, SHELBY, WARREN

Special Jurisdictional Note:

Details:

Scope of work shall include, but not be limited to: receiving, unloading, handling, distribution and installation of all carpeting materials, carpet padding or matting materials and all resilient materials whether for use on walls,

floors, counter, sink, table and all preparation work necessary in connection therewith, including sanding work. the installation of nonstructural under-layment and the work of removing, cleaning waxing of any of the above. Carpeting shall include any floor covering composed of either natural or synthetic fibers that are made in breadths to be sewed, fastened or directly glued to floors or over cushioning sound-proofing materials. Resilient Floors shall consist of and include the laying of all special designs of wood, wood block, wood composition, cork, linoleum, asphalt, mastic, plastic, rubber tile, whether nailed or glued.

Name of Union: Carpenter Millwright Local 1090 SW Zone I

Change #: LCN01-2024ibLoc1090SWZ1

Craft: Carpenter Effective Date: 10/02/2024 Last Posted: 10/02/2024

	В	HR		Frin	ge Bene	fit Payı	nents		Irrevo Fu	1	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification											
Carpenter Millwright	\$3	5.30	\$8.42	\$6.95	\$0.62	\$0.00	\$7.77	\$0.19	\$0.00	\$0.00	\$59.25	\$76.90
Apprentice	Per	rcent										
1st 6 months	60.00	\$21.18	\$8.42	\$4.27	\$0.62	\$0.00	\$4.66	\$0.19	\$0.00	\$0.00	\$39.34	\$49.93
2nd 6 months	65.02	\$22.95	\$8.42	\$4.61	\$0.62	\$0.00	\$5.05	\$0.19	\$0.00	\$0.00	\$41.84	\$53.32
3rd 6 months	70.00	\$24.71	\$8.42	\$4.94	\$0.62	\$0.00	\$5.44	\$0.19	\$0.00	\$0.00	\$44.32	\$56.67
4th 6 months	75.02	\$26.48	\$8.42	\$5.28	\$0.62	\$0.00	\$5.83	\$0.19	\$0.00	\$0.00	\$46.82	\$60.06
5th 6 months	80.00	\$28.24	\$8.42	\$5.61	\$0.62	\$0.00	\$6.22	\$0.19	\$0.00	\$0.00	\$49.30	\$63.42
6th 6 months	85.00	\$30.00	\$8.42	\$5.95	\$0.62	\$0.00	\$6.60	\$0.19	\$0.00	\$0.00	\$51.78	\$66.79
7th 6 months	90.00	\$31.77	\$8.42	\$6.28	\$0.62	\$0.00	\$6.99	\$0.19	\$0.00	\$0.00	\$54.27	\$70.15
8th 6 months	95.02	\$33.54	\$8.42	\$6.62	\$0.62	\$0.00	\$7.38	\$0.19	\$0.00	\$0.00	\$56.77	\$73.54

Special Calculation Note: Other (\$0.19) \$0.14 National Fund and National Millwright Fund \$0.05

0	-		-	
ĸ	а	U		

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

BROWN, BUTLER, CLERMONT, CLINTON, HAMILTON, WARREN

Special Jurisdictional Note:

Details:

Name of Union: Carpenter NE District Industrial Dock & Door

Change #: LCN01-2014fbCarpNEStatewide

Craft: Carpenter Effective Date: 03/05/2014 Last Posted: 03/05/2014

	В	HR		Fringe Benefit Payments						cable 1d	Total PWR	Overtime Rate
			H&W	H&W Pension App Vac. Annuity Other						MISC (*)		
Cla	ssification											
Carpenter	\$19	9.70	\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.90	\$35.75
Trainee	Percent											
1st Year	60.00	\$11.82	\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.02	\$23.93
2nd Year	80.20	\$15.80	\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.00	\$29.90

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeymen to 1 Trainee

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note: Industrial Dock and Door is the installation of overhead doors, roll up doors and dock leveling equipment

Details:

10/27/10 New Contract jc

Name of Union: Carpenter & Pile Driver SW District HevHwy

Change #: LCR01-2024ibCarpSWHevHwy

Craft: Carpenter Effective Date: 05/03/2024 Last Posted: 05/03/2024

	В	HR			ge Bene	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Journeyman	purneyman \$34.25		\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$55.59	\$72.71
Apprentice	Per	rcent										
1st 6 Months	60.00	\$20.55	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$41.89	\$52.17
2nd 6 Months	65.00	\$22.26	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$43.60	\$54.73
3rd 6 Months	70.02	\$23.98	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$45.32	\$57.31
4th 6 Months	75.00	\$25.69	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$47.03	\$59.87
5th 6 Months	80.00	\$27.40	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$48.74	\$62.44
6th 6 Months	85.00	\$29.11	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$50.45	\$65.01
7th 6 Months	90.02	\$30.83	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$52.17	\$67.59
8th 6 Months	95.00	\$32.54	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$53.88	\$70.15

Special Calculation Note: Other is UBC National Fund.

Ratio:

1 Journeymen to 1 Apprentice

An employer shall have the right to employ one (1) Apprentice for one (1) Journeyman Carpenter in its employment for the first Apprentice employed, and 1 (1) Apprentice for two (2) Journeyman Carpenter for additional Apprectices employed.

Thereafter, every third additional carpenter hired shall be an apprentice, if available, and if practical for the type of work being performed.

Special Jurisdictional Note:

Jurisdiction (* denotes special jurisdictional note) :

BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, DARKE, GREENE, HAMILTON, LOGAN, MIAMI, MONTGOMERY, PREBLE, SHELBY, WARREN

Details:

Highway Construction, Airport Construction, Heavy Construction but not limited to:(tunnels,subways,drainage projects,flood control,reservoirs). Railroad Construction,Sewer Waterworks & Utility Construction but not limited to: (storm sewers, waterlines, gaslines). Industrial & Building Site, Power Plant, Amusement Park, Athletic Stadium Site, Sewer and Water Plants.

When the Contractor furnishes the necessary underwater gear for the Diver, the Diver shall be paid one and one half (1&1/2) times the journeyman rate for the time spent in the water.

Name of Union: Carpenter & Pile Driver SW Zone 2

Change #: LCN01-2024ibLocSWZone2

Craft: Carpenter Effective Date: 07/31/2024 Last Posted: 07/31/2024

	В	HR		Frin	ge Bene	fit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Carpenter	\$3	2.26	\$8.48	\$6.95	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$51.52	\$67.65
Pile Driver	\$32.26		\$8.48	\$6.95	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$51.52	\$67.65
Apprentice	Pe	rcent										
1st 6 Months	70.00	\$22.58	\$8.48	\$2.00	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$36.89	\$48.18
2nd 6 Months	70.00	\$22.58	\$8.48	\$2.00	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$36.89	\$48.18
3rd 6 Months	80.00	\$25.81	\$8.48	\$5.56	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$43.68	\$56.58
4th 6 Months	80.00	\$25.81	\$8.48	\$5.56	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$43.68	\$56.58
5th 6 Months	90.00	\$29.03	\$8.48	\$6.26	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$47.60	\$62.12
6th 6 Months	90.00	\$29.03	\$8.48	\$6.26	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$47.60	\$62.12
7th 6 Months	95.00	\$30.65	\$8.48	\$6.60	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$49.56	\$64.88
8th 6 Months	95.00	\$30.65	\$8.48	\$6.60	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$49.56	\$64.88

Special Calculation Note: Other is for UBC National Fund.

Ratio:

1 Journeyman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

BROWN, BUTLER, CLERMONT, CLINTON, HAMILTON, WARREN

Special Jurisdictional Note:

Details:

Carpenter duties shall include but not limited to: Pile driving, milling,fashioning,joining,assembling,erecting,fastening, or dismantling of all material of wood,plastic,metal,fiber,cork,and composition, and all other substitute materials: pile driving,cutting,fitting,and placing of lagging, and the handling,cleaning,erecting,installing,and dismantling of machinery,equipment,and erecting pre-engineered metal buildings.

Pile Drivers work but not limited to: unloading, assembling, erection, repairs, operation, signaling, dismantling, and reloading all equipment that is used for pile driving including pile butts. pile butts is defined as sheeting or scrap piling. Underwater work that may be required in connection with the installation of piling. The diver and his tender work as a team and shall arrive at their own financial arrangements with the contractor. Any configuration of wood, steel, concrete, or composite that is jetted, driven, or vibrated onto the ground by conventional pile driving equipment for the purpose of supporting a future load that may be permanent or temporary. Driving bracing, plumbing, cutting off and capping of all piling whether wood, metal, pipe piling or composite. loading, unloading, erecting, framing, dismantling, moving, and handling of pile driving equipment. piling used in the construction and repair of all wharves, docks, piers, trestles, caissons, cofferdams, and the erection of all sea walls and breakwaters. All underwater and marine work on bulkheads, wharves, docks, shipyards, caissons, piers, bridges, pipeline work, viaducts, marine cable and trestles, as well as salvage and reclamation work where divers are employed.

Rate shall include carpenters, acoustic, and ceiling installers, drywall installers, pile drivers, and floorlayers.

Name of Union: Cement Mason Statewide HevHwy

Change #: LCN01-2024ibCementHevHwy

Craft: Cement Mason Effective Date: 05/01/2024 Last Posted: 05/01/2024

	В	HR		Frin	ge Bene	fit Payı	nents		Irrevo Fui	30	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason	\$3	4.74	\$8.80	\$7.65	\$0.75	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$54.26	\$71.63
Apprentice	Per	cent										
1st Year	70.00	\$24.32	\$8.80	\$7.65	\$0.75	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$43.84	\$56.00
2nd Year	80.00	\$27.79	\$8.80	\$7.65	\$0.75	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$47.31	\$61.21
3rd Year	90.00	\$31.27	\$8.80	\$7.65	\$0.75	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$50.79	\$66.42
4th Year	95.00	\$33.00	\$8.80	\$7.65	\$0.75	\$0.00	\$3.25	\$0.07	\$0.00	\$0.00	\$53.52	\$70.02

Special Calculation Note: Other \$0.07 is for International Training Fund 4th Year Apprentice Rate (95%) is only applicable to the jurisdiction of Local 404, this includes Ashtabula, Cuyahoga, Geauga, Lake, and Lorain counties.

Ratio:

1 Journeymen to 1 Apprentice 2 to 1 thereafter

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ASHTABULA*, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA*, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON*, GALLIA, GEAUGA*, GREENE, GUERNSEY, HAMILTON, HANCOCK*, HARDIN, HARRISON, HENRY*, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE*, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS*, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM*, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD*, WYANDOT

Special Jurisdictional Note: (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site, Heavy

Construction, Airport Construction Or Railroad Construction Work, Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work, Pollution Control, Sewer Plant, Waste & Water Plant, Water Treatment Facilities Construction.

*For Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work, Pollution Control, Sewer Plant, Waste & Water Plant, Water Treatment Facility Construction work in the following Counties: Ashtabula, Cuyahoga, Fulton, Geauga, Hancock, Henry, Lake, Lucas, Putnam and Wood Counties, those counties will use the Cement Mason Statewide Heavy Highway Exhibit B District 1 Wage Rate.

Details:

This rate replaces the previous Cement Mason Heavy Highway Statewide Rates (Exhibit A and Exhibit B rates), except for Cement Mason Statewide Heavy Highway Exhibit B Dist 1. sks

Name of Union: Cement Mason Local 132 (Cincinnati)

Change #: LCN01-2024ibLoc132

Craft: Cement Effective Date: 06/05/2024 Last Posted: 06/05/2024

	В	HR		Frin	ge Bene	fit Payr	nents		Irrevo Fui	2.0000000000000000000000000000000000000	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification											
Cement Mason	\$32.00		\$8.00	\$6.50	\$0.75	\$0.00	\$0.44	\$0.06	\$0.00	\$0.00	\$47.75	\$63.75
Apprentice	Per	cent										
1st Year	70.00	\$22.40	\$8.00	\$6.50	\$0.75	\$0.00	\$0.44	\$0.06	\$0.00	\$0.00	\$38.15	\$49.35
2nd Year	80.00	\$25.60	\$8.00	\$6.50	\$0.75	\$0.00	\$0.44	\$0.06	\$0.00	\$0.00	\$41.35	\$54.15
3rd Year	90.00	\$28.80	\$8.00	\$6.50	\$0.75	\$0.00	\$0.44	\$0.06	\$0.00	\$0.00	\$44.55	\$58.95

Special Calculation Note: Other: International Training Fund

Ratio:

1 Journeyman to 1 Apprentice

4 Journeymen to 2 Apprentices

7 Journeymen to 3 Apprentices

10 Journeymen to 4 Apprentices

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, HAMILTON, HIGHLAND, WARREN

Special Jurisdictional Note:

- *Cement Masons working on silo & slip form work shall receive \$.50 per hour over Journeyman scale.
- *Cement Masons working on swinging scaffolds shall receive \$.50 per hour over Journeyman scale.
- *Cement Masons working on high lifts from 20' and above shall receive \$.50 per hour over Journeyman scale.

Name of Union: Electrical Local 71 High Tension Pipe Type Cable

Change #: LCN01-2024ibLoc71HTPC

Craft: Lineman Effective Date: 02/07/2024 Last Posted: 02/07/2024

	BHR		Frin	ge Ben	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification										
Electrical Lineman	\$50.66	\$7.25	\$1.52	\$0.51	\$0.00	\$12.16	\$0.75	\$0.00	\$0.00	\$72.85	\$98.18
Certified Lineman Welder	\$50.66	\$7.25	\$1.52	\$0.51	\$0.00	\$12.16	\$0.75	\$0.00	\$0.00	\$72.85	\$98.18
Certified Cable Splicer	\$50.66	\$7.25	\$1.52	\$0.51	\$0.00	\$12.16	\$0.75	\$0.00	\$0.00	\$72.85	\$98.18
Operator A	\$45.39	\$7.25	\$1.36	\$0.45	\$0.00	\$10.89	\$0.75	\$0.00	\$0.00	\$66.09	\$88.79
Operator B	\$40.18	\$7.25	\$1.21	\$0.40	\$0.00	\$9.64	\$0.75	\$0.00	\$0.00	\$59.43	\$79.52
Operator C	\$32.29	\$7.25	\$0.97	\$0.32	\$0.00	\$7.75	\$0.75	\$0.00	\$0.00	\$49.33	\$65.47
Groundman 0-12 months Exp	\$25.33	\$7.25	\$0.76	\$0.25	\$0.00	\$6.08	\$0.75	\$0.00	\$0.00	\$40.42	\$53.08
Groundman 0-12 months Exp w/CDL	\$27.86	\$7.25	\$0.84	\$0.28	\$0.00	\$6.69	\$0.75	\$0.00	\$0.00	\$43.67	\$57.60
Groundman 1 yr or more	\$27.86	\$7.25	\$0.84	\$0.28	\$0.00	\$6.69	\$0.75	\$0.00	\$0.00	\$43.67	\$57.60
Groundman 1 yr or more w/CDL	\$32.92	\$7.25	\$0.99	\$0.33	\$0.00	\$7.90	\$0.75	\$0.00	\$0.00	\$50.14	\$66.60
Equipment Mechanic A	\$40.18	\$7.25	\$1.21	\$0.40	\$0.00	\$9.64	\$0.75	\$0.00	\$0.00	\$59.43	\$79.52
Equipment Mechanic B	\$36.23	\$7.25	\$1.09	\$0.36	\$0.00	\$8.70	\$0.75	\$0.00	\$0.00	\$54.38	\$72.50
Equipment Mechanic C	\$32.29	\$7.25	\$0.97	\$0.32	\$0.00	\$7.75	\$0.75	\$0.00	\$0.00	\$49.33	\$65.47

X-Ray Technician	\$5	0.66	\$7.25	\$1.52	\$0.51	\$0.00	\$12.16	\$0.75	\$0.00	\$0.00	\$72.85	\$98.18
Apprentice	Pei	rcent										
1st 1000 hrs	60.00	\$30.40	\$7.25	\$0.91	\$0.30	\$0.00	\$7.30	\$0.75	\$0.00	\$0.00	\$46.91	\$62.10
2nd 1000 hrs	65.00	\$32.93	\$7.25	\$0.99	\$0.33	\$0.00	\$7.90	\$0.75	\$0.00	\$0.00	\$50.15	\$66.61
3rd 1000 hrs	70.00	\$35.46	\$7.25	\$1.06	\$0.35	\$0.00	\$8.51	\$0.75	\$0.00	\$0.00	\$53.38	\$71.11
4th 1000 hrs	75.00	\$38.00	\$7.25	\$1.14	\$0.38	\$0.00	\$9.12	\$0.75	\$0.00	\$0.00	\$56.64	\$75.63
5th 1000 hrs	80.00	\$40.53	\$7.25	\$1.22	\$0.41	\$0.00	\$9.73	\$0.75	\$0.00	\$0.00	\$59.89	\$80.15
6th 1000 hrs	85.00	\$43.06	\$7.25	\$1.29	\$0.43	\$0.00	\$10.33	\$0.75	\$0.00	\$0.00	\$63.11	\$84.64
7th 1000 hrs	90.00	\$45.59	\$7.25	\$1.37	\$0.46	\$0.00	\$10.94	\$0.75	\$0.00	\$0.00	\$66.36	\$89.16

Special Calculation Note: Other is Health Retirement Account

Operator "A"

John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater then 25 tons and less than 45 tons).

Operator "B"

Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.

Operator "C"

Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.

*All Operators of cranes 45 ton or larger shall be paid the journeyman rate of pay. \$0.30 is for Health Retirement Account.

Ratio:

1 Journeyman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO,

SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note:

Details:

Heli - Arc Welding will be paid \$.30 above Journeyman rate. Additional compensation of 10% over the Journeyman Lineman and Journeyman Technician for performing work on structures outside of buildings such as water towers, smoke stacks, radio and television towers, more than 75' above the ground.

Name of Union: Electrical Local 71 Outside Cincinnati

Change #: LCN01-2024ibLoc71Cincinnati

Craft: Lineman Effective Date: 02/07/2024 Last Posted: 02/07/2024

	BHR		Frin	ge Ben	efit Pay	ments		100000000000000000000000000000000000000	ocable nd	Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification										
Electrical Lineman	\$44.52	\$7.25	\$1.34	\$0.45	\$0.00	\$8.90	\$0.50	\$0.00	\$0.00	\$62.96	\$85.22
Traffic Signal & Lighting Journeyman	\$42.93	\$7.25	\$1.29	\$0.42	\$0.00	\$8.59	\$0.50	\$0.00	\$0.00	\$60.98	\$82.45
Equipment Operator	\$39.11	\$7.25	\$1.17	\$0.39	\$0.00	\$7.82	\$0.50	\$0.00	\$0.00	\$56.24	\$75.79
Groundman 0-12 months (W/O CDL)	\$23.71	\$7.25	\$0.71	\$0.24	\$0.00	\$4.74	\$0.50	\$0.00	\$0.00	\$37.15	\$49.01
Groundman 0-21 Months (W/CDL)	\$25.90	\$7.25	\$0.77	\$0.26	\$0.00	\$5.18	\$0.50	\$0.00	\$0.00	\$39.86	\$52.81
Groundman I Year or More (W/CDL)	\$28.11	\$7.25	\$0.84	\$0.28	\$0.00	\$5.62	\$0.50	\$0.00	\$0.00	\$42.60	\$56.66
Traffic Signal Apprentices											
1st 1,000 hours	\$25.76	\$7.25	\$0.77	\$0.26	\$0.00	\$5.15	\$0.50	\$0.00	\$0.00	\$39.69	\$52.57
2nd 1,000 nours	\$27.90	\$7.25	\$0.84	\$0.28	\$0.00	\$5.58	\$0.50	\$0.00	\$0.00	\$42.35	\$56.30
3rd 1,000 nours	\$30.05	\$7.25	\$0.90	\$0.30	\$0.00	\$6.01	\$0.50	\$0.00	\$0.00	\$45.01	\$60.03
4th 1,000 nours	\$32.20	\$7.25	\$0.97	\$0.32	\$0.00	\$6.44	\$0.50	\$0.00	\$0.00	\$47.68	\$63.78
5th 1,000 nours	\$34.34	\$7.25	\$1.03	\$0.34	\$0.00	\$6.87	\$0.50	\$0.00	\$0.00	\$50.33	\$67.50
oth 1,000 nours	\$38.64	\$7.25	\$1.16	\$0.39	\$0.00	\$7.73	\$0.50	\$0.00	\$0.00	\$55.67	\$74.99

Apprentice Lineman	Per	cent										
1st 1,000 Hours	60.00	\$26.71	\$7.25	\$0.80	\$0.27	\$0.00	\$5.34	\$0.50	\$0.00	\$0.00	\$40.87	\$54.23
2nd 1,000 Hours	65.00	\$28.94	\$7.25	\$0.87	\$0.29	\$0.00	\$5.79	\$0.50	\$0.00	\$0.00	\$43.64	\$58.11
3rd 1,000 Hours	70.00	\$31.16	\$7.25	\$0.93	\$0.31	\$0.00	\$6.23	\$0.50	\$0.00	\$0.00	\$46.38	\$61.97
4th 1,000 Hours	75.00	\$33.39	\$7.25	\$1.00	\$0.33	\$0.00	\$6.68	\$0.50	\$0.00	\$0.00	\$49.15	\$65.84
5th 1,000 Hours	80.00	\$35.62	\$7.25	\$1.07	\$0.36	\$0.00	\$7.12	\$0.50	\$0.00	\$0.00	\$51.92	\$69.72
6th 1,000 Hours	85.00	\$37.84	\$7.25	\$1.14	\$0.38	\$0.00	\$7.57	\$0.50	\$0.00	\$0.00	\$54.68	\$73.60
7th 1,000 Hours	90.00	\$40.07	\$7.25	\$1.20	\$0.40	\$0.00	\$8.01	\$0.50	\$0.00	\$0.00	\$57.43	\$77.46

Special Calculation Note: Other is Health Reimburstment Account

Ratio:

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

BROWN, BUTLER, CLERMONT, HAMILTON, WARREN

Special Jurisdictional Note:

Details:

A groundman when directed shall assist a Journeyman in the performance of his/her work on the ground, including the use of hand tools. A Groundman under no circumstances shall climb poles, towers,ladders, or work from an elevated platform or bucket truck.

No more than three (3) Groundmen shall work alone. Jobs with more that three Groundmen shall be supervised by a Groundcrew Foreman, Journeyman Lineman, Journeyman Traffic Signal Technician or an Equipment Operator.

Scope of Work: installation and maintenance of highway and street lighting, highway and street sign lighting, electronic message boards and traffic control systems, camera systems, traffic signal work, substation and line construction including overhead and underground projects for private and industrial work as in accordance with the IBEW Constitution. This Agreement includes the operation of all tools and equipment necessary for the installation of the above projects.

Name of Union: Electrical Local 71 Outside Utility Power

Change #: LCN01-2024ibLoc7

Craft: Lineman Effective Date: 02/07/2024 Last Posted: 02/07/2024

	BHR		Frin	ge Ben	efit Pay	ments			ocable nd	Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification										
Electrical Lineman	\$47.99	\$7.25	\$1.44	\$0.48	\$0.00	\$11.52	\$0.75	\$0.00	\$0.00	\$69.43	\$93.42
Substation Technician	\$47.99	\$7.25	\$1.44	\$0.48	\$0.00	\$11.52	\$0.75	\$0.00	\$0.00	\$69.43	\$93.42
Cable Splicer	\$50.26	\$7.25	\$1.51	\$0.50	\$0.00	\$12.06	\$0.75	\$0.00	\$0.00	\$72.33	\$97.46
Operator A	\$43.01	\$7.25	\$1.29	\$0.43	\$0.00	\$10.32	\$0.75	\$0.00	\$0.00	\$63.05	\$84.56
Operator B	\$38.02	\$7.25	\$1.14	\$0.38	\$0.00	\$9.12	\$0.75	\$0.00	\$0.00	\$56.66	\$75.67
Operator C	\$30.52	\$7.25	\$0.92	\$0.31	\$0.00	\$7.32	\$0.75	\$0.00	\$0.00	\$47.07	\$62.33
Groundman 0-12 months Exp	\$24.00	\$7.25	\$0.72	\$0.24	\$0.00	\$5.76	\$0.75	\$0.00	\$0.00	\$38.72	\$50.72
Groundman 0-12 months Exp w/CDL	\$26.40	\$7.25	\$0.79	\$0.26	\$0.00	\$6.33	\$0.75	\$0.00	\$0.00	\$41.78	\$54.98
Groundman 1 yr or more	\$26.40	\$7.25	\$0.79	\$0.26	\$0.00	\$6.33	\$0.75	\$0.00	\$0.00	\$41.78	\$54.98
Groundman l yr or more w/CDL	\$31.19	\$7.25	\$0.94	\$0.31	\$0.00	\$7.49	\$0.75	\$0.00	\$0.00	\$47.93	\$63.53
Equipment Mechanic A	\$38.02	\$7.25	\$1.14	\$0.38	\$0.00	\$9.12	\$0.75	\$0.00	\$0.00	\$56.66	\$75.67
Equipment Mechanic B	\$34.28	\$7.25	\$1.03	\$0.34	\$0.00	\$8.23	\$0.75	\$0.00	\$0.00	\$51.88	\$69.02
Equipment Mechanic	\$30.52	\$7.25	\$0.92	\$0.31	\$0.00	\$7.32	\$0.75	\$0.00	\$0.00	\$47.07	\$62.33
Line Truck v/uuger	\$33.65	\$7.25	\$1.01	\$0.34	\$0.00	\$8.08	\$0.75	\$0.00	\$0.00	\$51.08	\$67.90

Apprentice	Per	cent										
1st 1000 hrs	60.00	\$28.79	\$7.25	\$0.86	\$0.29	\$0.00	\$6.91	\$0.75	\$0.00	\$0.00	\$44.85	\$59.25
2nd 1000 hrs	65.00	\$31.19	\$7.25	\$0.94	\$0.31	\$0.00	\$7.49	\$0.75	\$0.00	\$0.00	\$47.93	\$63.53
3rd 1000 hrs	70.00	\$33.59	\$7.25	\$1.01	\$0.34	\$0.00	\$8.06	\$0.75	\$0.00	\$0.00	\$51.00	\$67.80
4th 1000 hrs	75.00	\$35.99	\$7.25	\$1.08	\$0.36	\$0.00	\$8.64	\$0.75	\$0.00	\$0.00	\$54.07	\$72.07
5th 1000 hrs	80.00	\$38.39	\$7.25	\$1.15	\$0.38	\$0.00	\$9.21	\$0.75	\$0.00	\$0.00	\$57.13	\$76.33
6th 1000 hrs	85.00	\$40.79	\$7.25	\$1.22	\$0.41	\$0.00	\$9.79	\$0.75	\$0.00	\$0.00	\$60.21	\$80.61
7th 1000 hrs	90.00	\$43.19	\$7.25	\$1.30	\$0.43	\$0.00	\$10.37	\$0.75	\$0.00	\$0.00	\$63.29	\$84.89

Special Calculation Note: Other is Health Retirement Account

Operator "A"

John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater then 25 tons and less than 45 tons).

Operator "B"

Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.

Operator "C"

Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.

Ratio:

(1) Journeyman Lineman to (1) Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note: 0.30 is for Health Retirement Account.

Details:

Heli - Arc Welding will be paid \$.30 above Journeyman rate. Additional compensation of 10% over the

Journeyman Lineman and Journeym as water towers, smoke stacks, radio	an Technici and televis	an for perform ion towers, mo	ing work on str re than 75' abov	uctures outside of we the ground.	buildings such
	¥				

Name of Union: Electrical Local 71 Underground Residential Distribution

Change #: LCN01-2024ibLoc7URD

Craft: Lineman Effective Date: 02/07/2024 Last Posted: 02/07/2024

]	BHR		Frin	ge Ben	efit Pay	ments		Irrevo Fu	ocable nd	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification											,
URD Electrican	\$:	36.41	\$7.25	\$1.09	\$0.36	\$0.00	\$8.74	\$0.75	\$0.00	\$0.00	\$54.60	\$72.80
Equipment Operator A	\$3	32.57	\$7.25	\$0.98	\$0.33	\$0.00	\$7.82	\$0.75	\$0.00	\$0.00	\$49.70	\$65.98
Equipment Operator B	\$2	29.91	\$7.25	\$0.90	\$0.30	\$0.00	\$7.18	\$0.75	\$0.00	\$0.00	\$46.29	\$61.25
Directional Drill Locator	\$3	32.57	\$7.25	\$0.98	\$0.33	\$0.00	\$7.82	\$0.75	\$0.00	\$0.00	\$49.70	\$65.98
Directional Drill Operator	\$2	29.91	\$7.25	\$0.90	\$0.30	\$0.00	\$7.18	\$0.75	\$0.00	\$0.00	\$46.29	\$61.25
Groundman 0-12 months Exp	\$2	23.64	\$7.25	\$0.71	\$0.24	\$0.00	\$5.76	\$0.75	\$0.00	\$0.00	\$38.35	\$50.17
Groundman 0-12 months Exp w/CDL	\$2	6.07	\$7.25	\$0.78	\$0.26	\$0.00	\$6.26	\$0.75	\$0.00	\$0.00	\$41.37	\$54.41
Groundman 1 yr or more	\$2	6.07	\$7.25	\$0.78	\$0.26	\$0.00	\$6.26	\$0.75	\$0.00	\$0.00	\$41.37	\$54.41
Groundman 1 yr or more w/CDL	\$3	0.96	\$7.25	\$0.93	\$0.31	\$0.00	\$7.43	\$0.75	\$0.00	\$0.00	\$47.63	\$63.11
Apprentice	Per	cent										
1st 1000 hrs	80.00	\$29.13	\$7.25	\$0.87	\$0.29	\$0.00	\$6.99	\$0.75	\$0.00	\$0.00	\$45.28	\$59.84
2nd 1000 hrs	85.00	\$30.95	\$7.25	\$0.93	\$0.31	\$0.00	\$7.43	\$0.75	\$0.00	\$0.00	\$47.62	\$63.09
3rd 1000 hrs	90.00	\$32.77	\$7.25	\$0.98	\$0.33	\$0.00	\$7.86	\$0.75	\$0.00	\$0.00	\$49.94	\$66.32

4th 1000 hrs 95.0	\$34.59	\$7.25	\$1.04	\$0.35	\$0.00	\$8.28	\$0.75	\$0.00	\$0.00	\$52.26	\$69.55
----------------------	---------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------

Special Calculation Note: Other: Health Reimburstment Account

Ratio:

(1) Journeyman Lineman to (1) Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note:

Details:

This work applies to projects designated for any outside Underground Residential Distribution construction work for electrical utilities, municipalities and rural electrification projects.

Name of Union: Electrical Local 71 Voice Data Video Outside

Change #: LCN02-2024ibLoc71VDV

Craft: Voice Data Video Effective Date: 03/06/2024 Last Posted: 03/06/2024

	E	BHR		Frin	ge Ben	efit Payı	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Electrical Installer Technician I	\$3	5.39	\$7.25	\$1.06	\$0.00	\$0.00	\$1.77	\$0.00	\$0.00	\$0.00	\$45.47	\$63.17
Installer Technician II	\$3	3.37	\$7.25	\$1.00	\$0.00	\$0.00	\$1.67	\$0.00	\$0.00	\$0.00	\$43.29	\$59.97
Installer Repairman	\$3	3.37	\$7.25	\$1.00	\$0.00	\$0.00	\$1.67	\$0.00	\$0.00	\$0.00	\$43.29	\$59.97
Equipment Operator II	\$2	4.98	\$7.25	\$0.75	\$0.00	\$0.00	\$1.25	\$0.00	\$0.00	\$0.00	\$34.23	\$46.72
Cable Splicer	\$3	5.39	\$7.25	\$1.06	\$0.00	\$0.00	\$1.77	\$0.00	\$0.00	\$0.00	\$45.47	\$63.17
Ground Driver W/CDL	\$1	6.69	\$7.25	\$0.50	\$0.00	\$0.00	\$0.83	\$0.00	\$0.00	\$0.00	\$25.27	\$33.62
Groundman	\$1	4.57	\$7.25	\$0.44	\$0.00	\$0.00	\$0.73	\$0.00	\$0.00	\$0.00	\$22.99	\$30.28
Trainees	Per	cent										
Trainee F	50.01	\$17.70	\$7.25	\$0.53	\$0.00	\$0.89	\$0.00	\$0.00	\$0.00	\$0.00	\$26.37	\$35.22
Trainee E	58.00	\$20.53	\$7.25	\$0.62	\$0.00	\$1.03	\$0.00	\$0.00	\$0.00	\$0.00	\$29.43	\$39.69
Trainee D	66.00	\$23.36	\$7.25	\$0.70	\$0.00	\$1.17	\$0.00	\$0.00	\$0.00	\$0.00	\$32.48	\$44.16
Trainee C	74.00	\$26.19	\$7.25	\$0.79	\$0.00	\$1.31	\$0.00	\$0.00	\$0.00	\$0.00	\$35.54	\$48.63
Trainee B	82.00	\$29.02	\$7.25	\$0.87	\$0.00	\$1.45	\$0.00	\$0.00	\$0.00	\$0.00	\$38.59	\$53.10
Trainee A	90.00	\$31.85	\$7.25	\$0.96	\$0.00	\$1.59	\$0.00	\$0.00	\$0.00	\$0.00	\$41.65	\$57.58

Special Calculation Note:

Ratio:

1 Trainee to 1 Journeyman

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA,

GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note:

Details:

Cable Splicer: Inspect and test lines or cables, analyze results, and evaluate transmission characteristics. Cover conductors with insulation or seal splices with moisture-proof covering. Install, splice, test, and repair cables using tools or mechanical equipment. This will include the splicing of fiber.

Installer Technician I: Must know all aspects of telephone and cable work. This is to include aerial, underground, and manhole work. Must know how to climb and run bucket. Must have all the tools required to perform these tasks. Must be able to be responsible for the safety of the crew at all times. Must also have CDL license and have at least 5 years experience.

Installer Repairman: Perform tasks of repairing, installing, and testing phone and CATV services.

Installer Technician II: Have at least three years of telephone and CATV experience. Must have the knowledge of underground, aerial, and manhole work. Must be able to climb and operate bucket. Must have CDL. Must have all tools needed to perform these tasks.

Equipment Operator II: Able to operate a digger derrick or bucket truck. Have at least 3 years of experience and must have a valid CDL license.

Groundman W/CDL: Must have a valid CDL license and be able to perform tasks such as: climbing poles, pulling down guys, making up material, and getting appropriate tools for the job. Must have at least 5 year's experience.

Groundman: Perform tasks such as: climbing poles, pulling down guys, making up material, and getting appropriate tools for the job. Experience 0-5 years.

Name of Union: Electrical Local 648 Inside

Change #: LCN01-2024ibLoc648in

Craft: Electrical Effective Date: 08/26/2024 Last Posted: 08/21/2024

	В	HR		Fring	ge Bene	fit Payı	ments		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification											
Electrician	\$3	6.00	\$7.75	\$7.25	\$0.73	\$0.00	\$6.25	\$1.08	\$0.00	\$0.00	\$59.06	\$77.06
Apprentice	Per	rcent										
1st period 0-1000 hrs	50.00	\$18.00	\$4.62	\$0.00	\$0.42	\$0.00	\$3.32	\$0.54	\$0.00	\$0.00	\$26.90	\$35.90
2nd period 1001- 2000 hrs	50.00	\$18.00	\$4.62	\$0.00	\$0.42	\$0.00	\$3.32	\$0.54	\$0.00	\$0.00	\$26.90	\$35.90
3rd period 2001- 3500 hrs	55.00	\$19.80	\$7.75	\$3.99	\$0.45	\$0.00	\$4.29	\$0.59	\$0.00	\$0.00	\$36.87	\$46.77
4th period 3501- 5000 hrs	60.00	\$21.60	\$7.75	\$4.35	\$0.48	\$0.00	\$4.45	\$0.65	\$0.00	\$0.00	\$39.28	\$50.08
5th period 5001- 6500 hrs	65.00	\$23.40	\$7.75	\$4.71	\$0.51	\$0.00	\$4.64	\$0.70	\$0.00	\$0.00	\$41.71	\$53.41
6th period 6501- 8000 hrs	75.00	\$27.00	\$7.75	\$5.44	\$0.57	\$0.00	\$4.97	\$0.81	\$0.00	\$0.00	\$46.54	\$60.04

Special Calculation Note: Other is NEBF (National Electrical Benefit Fund.)

Ratio:

Jurisdiction (* denotes special jurisdictional note):

1-3 Journeyman to 2 Apprentices or fraction thereof:

BUTLER, WARREN*

4-6 Journeymen to 4 Apprentice

7-9 Journeymen to 6 Apprentice

10-12 Journeymen to 8 Apprentice

first person assigned to any job site shall be a

journeyman

Special Jurisdictional Note : In Warren County the following townships are included: (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union, and Washington)

Electricians while splicing cable shall receive \$.50 an hour above the regular electrical rate.

All work that requires the use of gas masks or respirators, shall be paid 50% above the appropriate rate of pay. Work up to & including 40 feet shall be paid \$.50 over the journeyman rate. All work from a Boatswain Chair, Swinging Scaffold, or Barrel shall be at double the Journeyman rate. Workmen required to work 50 feet or more below the surface of the earth will be paid 50% above the Journeyman rate.

Name of Union: Electrical Local 648 Lt Commercial South West

Change #: LCN01-2024ibLoc648in

Craft: Electrical Effective Date: 01/10/2024 Last Posted: 01/10/2024

	BHR		Frii	nge Bene	efit Payn	nents		Irrevo		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification										
Electrician	\$34.00	\$7.45	\$7.64	\$0.51	\$0.00	\$5.36	\$0.38	\$0.00	\$0.20	\$55.54	\$72.54
CE-3 12,001- 14,000 Hrs	\$27.05	\$6.67	\$0.81	\$0.88	\$0.00	\$0.81	\$0.00	\$0.00	\$0.00	\$36.22	\$49.75
CE-2 10,001- 12,000 Hrs	\$21.64	\$6.67	\$0.65	\$0.88	\$0.00	\$0.65	\$0.00	\$0.00	\$0.00	\$30.49	\$41.31
CE-1 8,001- 10,000 Hrs	\$19.83	\$6.67	\$0.59	\$0.88	\$0.00	\$0.59	\$0.00	\$0.00	\$0.00	\$28.56	\$38.48
CW-4 6,001- 8,000 Hrs	\$18.03	\$6.67	\$0.54	\$0.88	\$0.00	\$0.54	\$0.00	\$0.00	\$0.00	\$26.66	\$35.68
CW-3 4,001- 6,000 Hrs	\$16.23	\$6.67	\$0.49	\$0.88	\$0.00	\$0.49	\$0.00	\$0.00	\$0.00	\$24.76	\$32.88
CW-2 2,001- 4,000 Hrs	\$15.33	\$6.67	\$0.46	\$0.88	\$0.00	\$0.46	\$0.00	\$0.00	\$0.00	\$23.80	\$31.46
CW-1 0- 2,000 Hrs	\$14.42	\$6.67	\$0.43	\$0.88	\$0.00	\$0.43	\$0.00	\$0.00	\$0.00	\$22.83	\$30.04

Special Calculation Note: Other is for NEBF (National Electrical Benefit Fund)

Ratio:

Construction Electrician and Construction Wireman Ratio

There shall be a minimum ratio of one inside Journeyman to every (4) employees of different classification per jobsite. An inside Journeyman Wireman is required on the project as the fifth (5th) worker or when apprentices are used

Jurisdiction (* denotes special jurisdictional note):

BUTLER, WARREN*

Special Jurisdictional Note: In Warren County the following townships are included: (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union, and Washington)

The scope of work for the light commercial agreement shall apply to the following facilities not to exceed 200,000 square feet; office buildings, shopping centers, auto sales agencies and garages, churches, funeral homes, nursing homes, hotels, retail and wholesale facilities, small stand-alone manufacturing facilities when free standing and not part of a larger facility (not to exceed 50,000 square fee), solar projects (500 panels or less) unless otherwise covered under the agreement, lighting retrofits (when not associated with remodels involving branch re-circuiting) lighting retrofits shall be defined as the changing of lamps and ballasts in existing light fixtures and shall also include the one for one replacement of existing fixtures, warehouses, gas stations, food service centers, restaurants, entertainment facilities, hospitals, clinics, motels, residential buildings.

Details:

Electricians while splicing cable shall receive \$.50 an hour above the regular electrical rate.

All work that requires the use of gas masks or respirators, shall be paid 50% above the appropriate rate of pay. Work up to & including 40 feet shall be paid \$.50 over the journeyman rate. All work from a Boatswain Chair, Swinging Scaffold, or Barrel shall be at double the Journeyman rate. Workmen required to work 50 feet or more below the surface of the earth will be paid 50% above the Journeyman rate.

Name of Union: Electrical Local 648 Voice Date Video

Change #: LCN01-2023ibLoc648VDV

Craft: Voice Data Video Effective Date: 11/27/2023 Last Posted: 11/22/2023

		BHR		Frin	ge Ben	efit Pay	ments		177900 1880 1	ocable nd	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification							,				
Electrical Installer Technician A	s	29.30	\$6.70	\$0.88	\$0.56	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$41.84	\$56.49
Electrical Installer Technician B	\$	27.84	\$6.70	\$0.84	\$0.53	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$40.31	\$54.23
JW Installer Technician B	\$2	26.37	\$6.70	\$0.79	\$0.50	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$38.76	\$51.95
Non BICSI Installer	\$	19.05	\$3.94	\$0.57	\$0.36	\$0.00	\$2.00	\$0.00	\$0.00	\$0.00	\$25.92	\$35.45
Apprentice	Pe	rcent										
1st period 0-800 hrs	55.00	\$16.12	\$3.94	\$0.48	\$0.31	\$0.00	\$2.42	\$0.00	\$0.00	\$0.00	\$23.26	\$31.32
2nd period 801-1600 hrs	55.00	\$16.12	\$3.94	\$0.48	\$0.31	\$0.00	\$2.42	\$0.00	\$0.00	\$0.00	\$23.26	\$31.32
3rd period 1601-2400 hrs	65.00	\$19.05	\$6.65	\$0.57	\$0.36	\$0.00	\$2.86	\$0.00	\$0.00	\$0.00	\$29.48	\$39.01
4th period 2401-3200 hrs	65.00	\$19.05	\$6.65	\$0.57	\$0.36	\$0.00	\$2.86	\$0.00	\$0.00	\$0.00	\$29.48	\$39.01
5th period 3201-4000 hrs	75.00	\$21.98	\$6.66	\$0.66	\$0.42	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$34.12	\$45.10
6th period 4001-4800 hrs	75.00	\$21.98	\$6.66	\$0.66	\$0.42	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$34.12	\$45.10
7th period 4801- 4900hr	80.00	\$23.44	\$6.67	\$0.70	\$0.45	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$35.66	\$47.38

8th period 4901- 5000hrs	80.00	\$23.44	\$6.67	\$0.70	\$0.45	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$35.66	\$47.38
Cable Puller	50.00	\$14.65	\$3.94	\$0.44	\$0.25	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$19.53	\$26,86

Special Calculation Note:

Ratio:

1Technician to 2 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

BUTLER, WARREN*

Special Jurisdictional Note: The following townships In Warren County are included: (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union, and Washington)

Details:

The following work is excluded from the Teledata Technician work scope:

- *The installation of computer systems in industrial applications such as assembly lines, robotics, computer controller manufacturing systems.
- *The installation of conduit and/or raceways shall be installed by Inside Wireman. On sites where there is no Inside Wireman employed, the

Teledata Technician may install raceway or conduit not greater than 10 ft.

- *Fire Alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit
- *All HVAC control work.

Name of Union: Electrical Local 82 Inside

Change #: LCR01-2024ibLoc82in

Craft: Electrical Effective Date: 09/11/2024 Last Posted: 09/11/2024

	В	HR		Frin	ge Bene	efit Payı	nents		Irrevo Fu	11	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification											
Electrician	\$3	6.00	\$7.55	\$9.83	\$0.61	\$0.00	\$4.00	\$0.00	\$0.00	\$0.00	\$57.99	\$75.99
Apprentice	Per	rcent										
1st period 0 - 1000 hrs	46.00	\$16.56	\$4.18	\$0.70	\$0.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.72	\$30.00
2nd period 1001-2000 hrs	46.00	\$16.56	\$4.18	\$0.70	\$0.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.72	\$30.00
3rd period 2001-3500 hrs	50.00	\$18.00	\$7.05	\$4.92	\$0.31	\$0.00	\$2.00	\$0.00	\$0.00	\$0.00	\$32.28	\$41.28
4th period 3501-5000 hrs	52.00	\$18.72	\$7.07	\$5.11	\$0.32	\$0.00	\$2.08	\$0.00	\$0.00	\$0.00	\$33.30	\$42.66
5th period 5001-6500 hrs	62.00	\$22.32	\$7.17	\$6.10	\$0.38	\$0.00	\$2.48	\$0.00	\$0.00	\$0.00	\$38.45	\$49.61
6th period 6501-8000 hrs	77.00	\$27.72	\$7.32	\$7.57	\$0.47	\$0.00	\$3.08	\$0.00	\$0.00	\$0.00	\$46.16	\$60.02

Special Calculation Note: Other: Contractor Administrative Fund (Western Ohio Electrical Contractors Administration Fund (WOECAF))

Ratio:

1 to 3 Journeymen to 4 Apprentices 4 to 6 Journeymen to 8 Apprentices

Jurisdiction (* denotes special jurisdictional note):

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE, WARREN*

Special Jurisdictional Note: The following townships in Warren County are included: Clearcreek, Franklin and Wayne.

Name of Union: Electrical Local 82 Inside Lt Commercial South West

Change #: LCN01-2024ibLoc82in

Craft: Electrical Effective Date: 10/30/2024 Last Posted: 10/30/2024

	F	BHR		Frin	ge Bene	efit Payı	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Electrician	\$3	36.00	\$7.55	\$8.75	\$0.61	\$0.00	\$4.00	\$1.08	\$0.00	\$0.00	\$57.99	\$75.99
CE-3 10,001- 12,000	\$2	27.05	\$6.67	\$0.81	\$0.87	\$0.00	\$0.81	\$0.00	\$0.00	\$0.10	\$36.31	\$49.84
CE-2 9,001- 10,000 Hrs	\$2	21.64	\$6.67	\$0.65	\$0.87	\$0.00	\$0.65	\$0.00	\$0.00	\$0.10	\$30.58	\$41.40
CE-1 8,001- 9,000 Hrs	\$1	9.83	\$6.67	\$0.59	\$0.87	\$0.00	\$0.59	\$0.00	\$0.00	\$0.10	\$28.65	\$38.57
CW-4 6,001- 8,000 Hrs	\$1	8.03	\$6.67	\$0.54	\$0.87	\$0.00	\$0.54	\$0.00	\$0.00	\$0.10	\$26.75	\$35.77
CW-3 4,001- 6,000 Hrs	\$1	6.23	\$6.67	\$0.49	\$0.87	\$0.00	\$0.49	\$0.00	\$0.00	\$0.10	\$24.85	\$32.97
CW-2 2,001- 4,000 Hrs	\$1	5.33	\$6.67	\$0.46	\$0.87	\$0.00	\$0.46	\$0.00	\$0.00	\$0.10	\$23.89	\$31.56
CW-1 0- 2,000 Hrs	\$1	4.42	\$6.67	\$0.43	\$0.87	\$0.00	\$0.43	\$0.00	\$0.00	\$0.10	\$22.92	\$30.13
Apprentice	Pei	rcent										
1st period 0 - 1000 hrs	46.00	\$16.56	\$4.18	\$0.70	\$0.28	\$0.00	\$0.00	\$0.50	\$0.00	\$0.00	\$22.22	\$30.50
2nd period 1001-2000 hrs	46.00	\$16.56	\$4.18	\$0.70	\$0.28	\$0.00	\$0.00	\$0.50	\$0.00	\$0.00	\$22.22	\$30.50
3rd period 2001-3500 hrs	50.00	\$18.00	\$7.05	\$4.38	\$0.31	\$0.00	\$2.00	\$0.54	\$0.00	\$0.00	\$32.28	\$41.28
4th period 3501-5000 hrs	52.00	\$18.72	\$7.07	\$4.55	\$0.32	\$0.00	\$2.08	\$0.56	\$0.00	\$0.00	\$33.30	\$42.66

5th period 5001-6500 hrs	62.00	\$22.32	\$7.17	\$5.43	\$0.38	\$0.00	\$2.48	\$0.67	\$0.00	\$0.00	\$38.45	\$49.61
6th period 6501-8000 hrs		\$27.72	\$7.32	\$6.64	\$0.47	\$0.00	\$3.08	\$0.83	\$0.00	\$0.00	\$46.06	\$59.92

Special Calculation Note: Other: National Electrical Benefit Fund

Misc: Administrative Fees

Ratio:

1 to 3 Journeymen to 4 Apprentices 4 to 6 Journeymen to 8 Apprentices

Construction Electrician and Construction Wireman Ratio

There shall be a minimum ratio of one inside Journeyman to every (4) employees of different classification per jobsite. An inside Journeyman Wireman is required on the project as the fifth (5th) worker or when apprentices are used. Jurisdiction (* denotes special jurisdictional note) :

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE, WARREN*

Special Jurisdictional Note: The following townships in Warren County are included: Clearcreek, Franklin and Wayne.

The scope of work for the light commercial agreement shall apply to the following facilities not to exceed 200,000 square feet; office buildings, shopping centers, auto sales agencies and garages, churches, funeral homes, nursing homes, hotels, retail and wholesale facilities, small stand-alone manufacturing facilities when free standing and not part of a larger facility (not to exceed 50,000 square fee), solar projects (500 panels or less) unless otherwise covered under the agreement, lighting retrofits (when not associated with remodels involving branch re-circuiting) lighting retrofits shall be defined as the changing of lamps and ballasts in existing light fixtures and shall also include the one for one replacement of existing fixtures, warehouses, gas stations, food service centers, restaurants, entertainment facilities, hospitals, clinics, motels, residential buildings.

Name of Union: Electrical Local 82 Lightning Rod

Change #: LCN02-2022ibLoc82

Craft: Electrical Effective Date: 12/05/2022 Last Posted: 11/23/2022

	BHR		Frin	ge Bene	fit Payr	nents		Irrevo Fui		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Cla	ssification										
Electrical Lightning Rod Technican		\$7.45	\$9.58	\$0.00	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$53.32	\$69.71

Special Calculation Note: No Apprentice approved by OSAC.

Ratio:

Jurisdiction (* denotes special jurisdictional note) :

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE, WARREN*

Special Jurisdictional Note: The following townships in Warren County are included: (Clearcreek, Franklin and Wayne)

Name of Union: Electrical Local 82 Voice Data Video

Change #: LCN01-2023ibLoc82VDV

Craft: Voice Data Video Effective Date: 11/27/2023 Last Posted: 11/22/2023

	I	BHR		Frin	ge Ben	efit Pay	ments		Irrevo Fu	ocable nd	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification											'
Electrical Installer Technician A	S	27.70	\$6.70	\$6.83	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.76	\$55.61
Electrical Installer Technician B	\$2	26.32	\$6.70	\$6.79	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.31	\$53.47
JW Installer Technician	\$2	24.93	\$6.70	\$6.75	\$0.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.85	\$51.32
NON BICSI Installer	\$1	18.01	\$3.94	\$0.54	\$0.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.83	\$31.83
Apprentice	Pe	rcent										
1st 0-1000 hours	55.00	\$15.24	\$3.94	\$3.76	\$0.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.23	\$30.84
2nd 1001- 2000 hours	55.00	\$15.24	\$3.94	\$3.76	\$0.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.23	\$30.84
3rd 2001- 3000 hours	65.00	\$18.00	\$6.65	\$4.44	\$0.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.44	\$38.44
4th 3001- 4000 hours	65.00	\$18.00	\$6.65	\$4.44	\$0.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.44	\$38.44
5th 4001- 5000 hours	75.00	\$20.77	\$6.66	\$6.62	\$0.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.45	\$44.83
6th 5001- 6000 hours		\$20.77	\$6.66	\$6.62	\$0.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.45	\$44.83
7th 6001- 7000 hours	80.00	\$22.16	\$6.67	\$6.66	\$0.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35.91	\$46.99
8th 7001 hours	80.00	\$22.16	\$6.67	\$6.66	\$0.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35.91	\$46.99
Cable Puller	50.00	\$13.85	\$3.94	\$0.42	\$0.26	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$18.72	\$25.65

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeymen to 2 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE, WARREN*

Special Jurisdictional Note: The following townships in Warren County are included: (Clearcreek, Franklin and Wayne)

Details:

Work covered but not limited to: installation which utilize transmission and/or transference of voice, sound, vision or digital for commercial, education, security and entertainment purposes for the following:

TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multimedia, multiplex, nurse call system, radio page, school intercom, sound and low voltage master clock systems.

Fire Alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit.

All HVAC control work is not covered by this wage rate but by the Inside Electrical wage rate.

Name of Union: Elevator Local 11

Change #: LCN01-2024ibLoc11

Craft: Elevator Effective Date: 06/12/2024 Last Posted: 06/12/2024

	В	HR		Frin	ge Bene	fit Payı	ments		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	Classification											
Elevator Mechanic	\$5	5.01	\$16.17	\$10.86	\$0.75	\$4.40	\$10.10	\$2.07	\$0.00	\$0.00	\$99.36	\$126.86
Probationary Apprentice	50.01	\$27.51	\$0.00	\$0.00	\$0.00	\$1.65	\$0.00	\$0.00	\$0.00	\$0.00	\$29.16	\$42.92
1st year	55.00	\$30.26	\$16.17	\$10.86	\$0.75	\$1.81	\$10.10	\$1.13	\$0.00	\$0.00	\$71.08	\$86.20
2nd year	65.00	\$35.76	\$16.17	\$10.86	\$0.75	\$2.14	\$10.10	\$1.34	\$0.00	\$0.00	\$77.12	\$94.99
3rd year	70.00	\$38.51	\$16.17	\$10.86	\$0.75	\$2.31	\$10.10	\$1.45	\$0.00	\$0.00	\$80.15	\$99.40
4th year	80.00	\$44.01	\$16.17	\$10.86	\$0.75	\$2.64	\$10.10	\$1.65	\$0.00	\$0.00	\$86.18	\$108.18
Helper	70.00	\$38.51	\$16.17	\$10.86	\$0.75	\$3.08	\$10.10	\$1.45	\$0.00	\$0.00	\$80.92	\$100.17
Assistant Mechanic	80.00	\$44.01	\$16.17	\$10.86	\$0.75	\$3.52	\$10.10	\$1.65	\$0.00	\$0.00	\$87.06	\$109.06

Special Calculation Note: Other: Holiday Pay

Ratio:

The total number of Helpers & Apprentices employed shall not exceed the number of Mechanics on any one job, except on jobs where (2) teams or more are working, (1) extra Helper or Apprentice may be employed for the first (2) teams and an extra Helper or Apprentice for each additional (3) teams.

- 1 Journeymen to 1 Apprentice
- 2 Journeymen to 5 Apprentice
- 3 Journeymen to 6 Apprentice

Special Jurisdictional Note:

Details:

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, BROWN, BUTLER, CLERMONT, CLINTON, DARKE, GREENE, HAMILTON, HIGHLAND, MIAMI, MONTGOMERY, PREBLE, SCIOTO, SHELBY, WARREN

Name of Union: Glazier Local 387

Change # : LCN01-2024ibLoc387

Craft: Glazier Effective Date: 11/01/2024 Last Posted: 10/30/2024

	В	HR		Fring	ge Bene	fit Payı	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Glazier	\$33.85		\$6.50	\$11.60	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.40	\$69.32
Apprentice	Per	rcent										
1st Year	65.00	\$22.00	\$6.50	\$8.15	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.10	\$48.10
2nd Year	75.00	\$25.39	\$6.50	\$9.14	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.48	\$54.17
3rd Year	85.00	\$28.77	\$6.50	\$10.12	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.84	\$60.23
4th Year	95.00	\$32.16	\$6.50	\$11.11	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.22	\$66.30

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

Jurisdiction (* denotes special jurisdictional note):

Each employer may employ and train Apprentices in the ADAMS, BROWN, BUTLER, CHAMPAIGN, following ratio to journeymen workers employed. 1 Journeymen to 1 Apprentice

CLARK, CLERMONT, CLINTON, DARKE, FAYETTE*, GREENE, HAMILTON, HIGHLAND, MIAMI, MONTGOMERY, PREBLE, WARREN

Special Jurisdictional Note: Fayette County: Eastern portion of route #41 being the dividing line between locals 372 and 387. Local 387 has jurisdiction of projects built on property which borders route #41 East.

Name of Union: Ironworker Local 290

Change # : LCN01-2024ibLoc290

Craft: Ironworker Effective Date: 06/05/2024 Last Posted: 06/05/2024

	В	HR		Frin	ge Bene	efit Payı	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Ironworker Structural	\$3	5.39	\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Welder	\$3	5.39	\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Fence Erector	\$3	5.39	\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Reinforcing Rods	\$3	5.39	\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Machinery Mover	\$3	5.39	\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Sheeter	\$3	5.39	\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Metal Building Erector	\$3	5.39	\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Rigger & Erector	\$3	5.39	\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Apprentice	Per	cent										
1st Year	64.22	\$22.73	\$9.20	\$9.50	\$0.65	\$0.00	\$3.50	\$0.01	\$0.00	\$0.00	\$45.59	\$56.95
2nd Year	74.22	\$26.27	\$9.20	\$9.50	\$0.65	\$0.00	\$3.50	\$0.01	\$0.00	\$0.00	\$49.13	\$62.26
3rd Year	84.22	\$29.81	\$9.20	\$9.50	\$0.65	\$0.00	\$3.50	\$0.01	\$0.00	\$0.00	\$52.67	\$67.57
4th Year	94.24	\$33.35	\$9.20	\$9.50	\$0.65	\$0.00	\$3.50	\$0.01	\$0.00	\$0.00	\$56.21	\$72.89

Special Calculation Note: Other is for Industry Fund.

Ratio:

1 Journeyman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ALLEN*, AUGLAIZE, BUTLER*, CHAMPAIGN*, CLARK, CLINTON, DARKE, FAYETTE*, GREENE, HARDIN*, HIGHLAND*, LOGAN*, MADISON*, MERCER*, MIAMI, MONTGOMERY, PREBLE, SHELBY, VAN WERT*, WARREN*

Special Jurisdictional Note: Allen County Twps included are: Auglaize, Perry, Shawnee, Amanda, Spencer, Marion, Sugar Creek, American, Bath, Jackson.

Butler County Twps included are: Milford, Wayne, Madison, Lemon.

Champaign County Twps included are: Union, Urbana, Jackson, Concord, Salem, Mad River, Johnson, Harrison, Adams.

Fayette County Twps included are: Green, Jasper, Concord, Jefferson.

Hardin County Twps included are: Round Head, Marion, Liberty.

Highland County Twps included are: Fairfield, Penn, Union, Marshall, Liberty, Paint, Brush Creek.

Logan County Twps included are: Richland, Stokes, Bloomfield, Washington, Harrison, McArthur, Lake, Liberty, Pleasant, Miami.

Madison County Twps included are: Stokes.

Mercer County Twps included are: Dublin, Washington, Jefferson, Recovery, Gibson, Union, Liberty, Butler, Granville, Center, Hopewell, Franklin, Marion.

VanWert County Twps included are: Jennings.

Warren County Twps included are: Franklin, Clear Creek, Turtle Creek, Wayne, Massie, Washington, Salem, Union.

Details:

Structural Iron Work but not limited to:field fabrication, all loading to and including the erecting,rigging,assembly,dismantling, placing, temporary and permanent securing by any means of all structural iron,steel,ornamental lead,bronze,brass,copper,aluminum,glass all ferrous and non ferrous metal and composite material, precast prestressed and post-stressed concrete structures. Bridges and bridge rails,bridge viaducts,bucks bulkheads,bumper and bumper post,canopies and unistrut canopies,corrugated ferrous and non ferrous sheets when attached to steel frames,columns,beams,bar-joists,trusses,grinders,roof decking,electrical supports,elevator cars,elevator fronts and enclosures,erection of steel towers,flag poles, gymnasium equipment,stadium and arena seating,jail cell work,jail cell beds,benches,bunks,chairs,tables,mirrors,jail cell access doors,rigging and installation of machinery and equipment(erecting,aligning,anchoring and dismantling, erection and dismantling of tower cranes,derrick monorail systems, Chicago booms,overhead cranes,gantries,material and personnel hoists,tanks,hoppers and conveyors. All pre-engineered metal buildings and their entirety including siding,roofing, gutters, downspouts and erection of all.

Ornamental Iron Work but not limited to:all work in connection with field fabrication, handling including loading/off loading, sorting, cutting, fastening, anchoring, bending, hoisting, placing, burning, welding, and tying, dismantling of all materials used in miscellaneous iron or steel, for stairs, hand railings, rolling doors, rolling gates, rolling shutters, fence, windows, curtain wall, erection and welding of all metal, sash, architectural and ornamental treatments, but not necessarily limited to all sizes and types of ornamental, steel iron, lead, bronze, brass, copper, aluminum, all ferrous and non ferrous metals and composite materials

Fence Erector Iron Worker but not limited to: All work in connection with the field fabrication and erection of chain link fence, which includes but not limited to the loading and of the fence fabric and posts also the installation of the above.

Reinforcing Iron Worker but not limited to: work in connection with field fabrication, handling, racking, sorting, cutting, bending, hoisting, placing, burning, welding and tying all materials used to reinforce concrete construction, except loading and unloading by hand. Re-aligning of the reinforced iron, wire mesh placing, bricking, pulling and similar reinforcing materials, placing steel dowels, as well as re-fasten. Reinforcing steel and wire mesh in roadways and sidewalks in connection with building construction. Also, erection and fabrication of pre-connection with building construction, also erection and fabrication of pre-stressed and precast

joists, beams, columns, slabs; walls, roofs, tanks, manholes, trenches and covers. Handling of "J" or jack bars on slip forms. Metal decking similar to "corruform" when used for floor forms over metal or concrete supports either welded or clipped. Post tension, all loading and unloading, hoisting, placing and tying of all post tensioning cables. Placing and tying of all duct work in bonded post tension. All of the wrecking of cones, wedging of the tendons, stressing, cutting, repairing and grouting of bonded post tension.

Name of Union: Ironworker Local 44

Change #: LCN01-2024ibLoc44

Craft: Ironworker Effective Date: 07/17/2024 Last Posted: 07/17/2024

	В	HR		Frin	ge Bene	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification	n											
Ironworker Reinforcing	\$3	5.87	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$59.47	\$77.40
Structural	\$3.	5.37	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Ornamental	\$3	5.37	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Machine Mover/Rigger	\$3.	5.37	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Conveyer Mechanic	\$3:	5.37	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Maintenance/Heavy Hwy	\$3:	5.37	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Welder A	\$33	5.62	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$59.22	\$77.03
Welder B	\$33	5.87	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$59.47	\$77.40
Sheeter	\$35	5.37	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0,00	\$0.00	\$0.00	\$58.97	\$76.65
Fence Erector	\$33	3.60	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$57.20	\$74.00
Ironworker	\$35	5.37	\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
1st yr A	60.00	\$21.52	\$9.20	\$9.50	\$0.60	\$0.00	\$1.08	\$0.00	\$0.00	\$0.00	\$41.90	\$52.66
1st yr B	65.00	\$23.32	\$9.20	\$9.50	\$0.60	\$0.00	\$1.08	\$0.00	\$0.00	\$0.00	\$43.70	\$55.35
2nd yr A	70.00	\$25.11	\$9.20	\$9.50	\$0.60	\$0.00	\$1.08	\$0.00	\$0.00	\$0.00	\$45.49	\$58.04
2nd yr B	75.00	\$26.90	\$9.20	\$9.50	\$0.60	\$0.00	\$1.08	\$0.00	\$0.00	\$0.00	\$47.28	\$60.73
3rd yr A	80.00	\$28.70	\$9.20	\$9.50	\$0.60	\$0.00	\$2.15	\$0.00	\$0.00	\$0.00	\$50.15	\$64.49
3rd yr B	85.00	\$30.49	\$9.20	\$9.50	\$0.60	\$0.00	\$2.15	\$0.00	\$0.00	\$0.00	\$51.94	\$67.18
4th yr A	90.00	\$32.28	\$9.20	\$9.50	\$0.60	\$0.00	\$3.23	\$0.00	\$0.00	\$0.00	\$54.81	\$70.95
4th yr B	95.00	\$34.08	\$9.20	\$9.50	\$0.60	\$0.00	\$3.23	\$0.00	\$0.00	\$0.00	\$56.61	\$73.64
4th yr C	100.00	\$35.87	\$9.20	\$9.50	\$0.60	\$0.00	\$3.23	\$0.00	\$0.00	\$0.00	\$58.40	\$76.33

Special Calculation Note:

Ratio:

1 Journeymen to 1 Apprentice 2 Journeymen to 2 Apprentice 10 Journeymen to 10 Apprentices Jurisdiction (* denotes special jurisdictional note):

ADAMS*, BROWN, BUTLER*, CLERMONT, CLINTON*, HAMILTON, HIGHLAND*, WARREN*

Special Jurisdictional Note: Adams County Twps included: Bratton, Scott, Winchester, Wayne. Butler County Twps included: Oxford, St. Clair, Fairfield, Morgan, Liberty, Union, Ross, Reily, Hanover, West Chester.

Clinton County, Manchester and South West Borrow.

Highland County Twps included: Dotson, Salem, Clay, White Oak, Hamer, New Market, Concord, Jackson, Washington.

Warren County Twps included: Harlan, Deerfield, Hamilton.

Details:

Structural Iron Work but not limited to:field fabrication, all loading to and including the erecting,rigging,assembly,dismantling, placing, temporary and permanent securing by any means of all structural iron,steel,ornamental lead,bronze,brass,copper,aluminum,glass all ferrous and non ferrous metal and composite material, precast prestressed and post-stressed concrete structures. Bridges and bridge rails,bridge viaducts,bucks bulkheads,bumper and bumper post,canopies and unistrut canopies,corrugated ferrous and non ferrous sheets when attached to steel frames,columns,beams,bar-joists,trusses,grinders,roof decking,electrical supports,elevator cars,elevator fronts and enclosures,erection of steel towers,flag poles, gymnasium equipment,stadium and arena seating,jail cell work,jail cell beds,benches,bunks,chairs,tables,mirrors,jail cell access doors,rigging and installation of machinery and equipment(erecting,aligning,anchoring and dismantling, erection and dismantling of tower cranes,derrick monorail systems, Chicago booms,overhead cranes,gantries,material and personnel hoists,tanks,hoppers and conveyors. All pre-engineered metal buildings and their entirety including siding,roofing, gutters, downspouts and erection of all.

Reinforcing Iron Work but not limited to: Any work in commection with field fabrication, handling, racking, sorting, cutting, bending, hoisting, placing, burning, welding and tying of all materials used to reinforce concrete construction, except that loading and unloading by ahdnd and carrying to a centralized point adjacent to or upon site of the project on which such materials arfe to used. Realinging of reinforcing iron, wire mess placing, bricking, pulling and similar reinforcing materiials, placing stell dowels, as well as refastening and resetting same while concrete is being poured. Reinforcing steel and wire mess in roadways and sidewalks in connection with building construction, also erection and fabrication of prestressed and precast joist, beams, columns, and slabs, walls, roofs, tanks, manholes, trenches and covers. The handling and placing of "J" of Jack bars on slip form construction; the placing of all clips, bolts, steel rods and wire fabric or mesh pertaining to gunite construction; the placing of steel-tex or paper-back mesh used for reinforcing and placing wire mesh to reinforce gypsum roof construction. Metal decking similar "corruform" used for floor forms over metal or concrete supports whether welded or clipped. Post tension. All loading and unloading, hosting, placing and tying of all post tensioning cables. Wrecking of cones, wedging of tendons, stressign, cutting and repairing.

Ornamental Iron Work but not limited to:all work in connection with field fabrication, handling including loading/off loading, sorting, cutting, fastening, anchoring, bending, hoisting, placing, burning, welding, and tying, dismantling of all materials used in miscellaneous iron or steel, for stairs, hand railings, rolling doors, rolling gates, rolling shutters, fence, windows, curtain wall, erection and welding of all metal, sash, architectural and ornamental treatments, but not necessarily limited to all sizes and types of ornamental, steel iron, lead, bronze, brass, copper, aluminum, all ferrous and non ferrous metals and composite materials

Fence Erector Iron Worker but not limited to: All work in connection with the field fabrication and erection of chain link fence, which includes but not limited to the loading and of the fence fabric and posts also the installation of the above.

Name of Union: Labor Local 534 Building

Change #: LCN01-2024ibLoc534

Craft: Laborer Effective Date: 06/12/2024 Last Posted: 06/12/2024

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Laborer Group I	\$32.49		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.09	\$63.34
Laborer Group 2	\$32.59		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.19	\$63.49
Laborer Group 3	\$32.69		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.29	\$63.64
Laborer Group 4	\$32.82		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.42	\$63.83
Laborer Group 5	\$33.07		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.67	\$64.20
Laborer Group 6	\$32.84		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.44	\$63.86
Laborer Group 7	\$32.04		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$46.64	\$62.66
Apprentice	Percent											
0-1000 hrs	80.00	\$25.99	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$40.59	\$53.59
1001-2000 hrs	85.00	\$27.62	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$42.22	\$56.02
2001-3000 hrs	90.00	\$29.24	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$43.84	\$58.46
3001-4000	95.00	\$30.87	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$45.47	\$60.90
4001+	100.00	\$32.49	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.09	\$63.34

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeman to 1 Apprentice

3 Journeman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

BUTLER, WARREN

Special Jurisdictional Note:

Note:

Group 1: Building & Common Laborer; All general laborers work including all forms of landscaping, Rough Rider - all pump's 4 inch or smaller, Small Pump Portable Generators-Bobcat to Cleanup, Firewatch and Monitor, (Safety Person)

Group 2: Asphalt Raker, Tamper, Smoother, Hand Air Pump, Hand air Tamper, Chisel, Power Tamper, Operator, Switch, Assemblies, Handling & Laying Precast Concrete Floors & Deck Tool Repairman.

Group 3: Concrete Specialist; Skid Steers (with attachments to perform Laborer's duties) Jack Hammer * Concrete Busterman, Barco Tamper Man, Power Georgia Buggy Man, Power Sweeper Man, Vibrator, Concrete Saw Man, Rail Spikers, Acetylene Burner, Pipelayers, Bos'n Cradleman, Bottom Man, Chipping Hammer Grade Checker, Radio Operator, Form Cleanout & blowout Man, Red Concrete Coloring Man (Electrical Safety)

Group 4: Mason Tender, Mortar Mixers & Scaffold Builders

Group 5: Fork Lift for Mason, all work involving Refractory Materials Including Demolition of Refractory Materials.

Asbestos Removal and Hazardous Waste Removal (handling, control, removal abatement, encapsulation or disposal of asbestos & hazardous waste),

Group 6: Gunnite Man, Sand Blaster, Concrete & Grout Pump & Hose Man, Blast Trac, Miners & Muckers, Free Air, Powderman or Blaster, Mortar or Gypsum Machineman, Welder, Scuba Diver.

Group 7: Watchman & Tool Checker/Toolroom Man

Name of Union: Labor HevHwy 3

Change #: LCN01-2024ibLocalHevHwy3

Craft: Laborer Group 1 Effective Date: 05/01/2024 Last Posted: 05/01/2024

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Laborer Group I	\$35.52		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$50.12	\$67.88
Group 2	\$35.69		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$50.29	\$68.13
Group 3	\$36.02		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$50.62	\$68.63
Group 4	\$36.47		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$51.07	\$69.30
Watch Person	\$28.25		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$42.85	\$56.98
Apprentice	Percent											
0-1000 hrs	60,00	\$21.31	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$35.91	\$46.57
1001-2000 hrs	70.00	\$24.86	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$39.46	\$51.90
2001-3000 hrs	80.00	\$28.42	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$43.02	\$57.22
3001-4000 hrs	90.00	\$31.97	\$8,40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$46.57	\$62.55
More than 4000 hrs	100.00	\$35.52	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$50.12	\$67.88

Special Calculation Note: Watchmen have no Apprentices. Tunnel Laborer rate with air-pressurized add \$1.00 to the above wage rate.

Ratio:

- 1 Journeymen to 1 Apprentice
- 3 Journeymen to 1 Apprentice thereafter

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, MADISON, MARION, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW,

MUSKINGUM, NOBLE, PAULDING, PERRY, PICKAWAY, PIKE, PREBLE, PUTNAM, RICHLAND, ROSS, SCIOTO, SENECA, SHELBY, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WYANDOT

Special Jurisdictional Note: Hod Carriers and Common Laborers - Heavy, Highway, Sewer, Waterworks, Utility, Airport, Railroad, Industrial and Building Site, Sewer Plant, Waste Water Treatment Facilities Construction

Details:

Group 1

Laborer (Construction); Plant Laborer or Yardman, Right-of-way Laborer, Landscape Laborer, Highway Lighting Worker, Signalization Worker, (Swimming) Pool Construction Laborer, Utility Man, *Bridge Man, Handyman, Joint Setter, Flagperson, Carpenter Helper, Waterproofing Laborer, Slurry Seal, Seal Coating, Surface Treatment or Road Mix Laborer, Riprap Laborer & Grouter, Asphalt Laborer, Dump Man (batch trucks), Guardrail & Fence Installer, Mesh Handler & Placer, Concrete Curing Applicator, Scaffold Erector, Sign Installer, Hazardous Waste (level D), Diver Helper, Zone Person and Traffic Control.

*Bridge Man will perfomr work as per the October 31, 1949, memorandum on concrete forms, byand between the United Brotherhood of Caprpenters and Joiners of America and the Laborers' International Union of North America, which states in; "the moving, cleaning, oiling and carrying to the next point of erection, and the stripping of forms which are not to be re-used, and forms on all flat arch work shall be done by members of the Laborers' International Union of North America."

Group 2

Asphalt Raker, Screwman or Paver, Concrete Puddler, Kettle Man (pipeline), All Machine-Driven Tools (Gas, Electric, Air), Mason Tender, Brick Paver, Mortar Mixer, Skid Steer, Sheeting & Shoring Person, Surface Grinder Person, Screedperson, Water Blast, Hand Held Wand, Power Buggy or Power Wheelbarrow, Paint Striper, Plastic fusing Machine Operator, Rodding Machine Operator, Pug Mill Operator, Operator of All Vacuum Devices Wet or Dry, Handling of all Pumps 4 inches and under (gas, air or electric), Diver, Form Setter, Bottom Person, Welder Helper (pipeline), Concrete Saw Person, Cutting with Burning Torch, Pipe Layer, Hand Spiker (railroad), Underground Person (working in sewer and waterline, cleaning, repairing and reconditioning). Tunnel Laborer (without air), Caisson, Cofferdam (below 25 feet deep), Air Track and Wagon Drill, Sandblaster Nozzle Person, Hazardous Waste (level B), ***Lead Abatement, Hazardous Waste (level C)

***Includes the erecting of structures for the removal, including the encapsulation and containment of Lead abatement process.

Group 3

Blast and Powder Person, Muckers will be defined as shovel men working directly with the miners, Wrencher (mechanical joints & utility pipeline), Yarner, Top Lander, Hazardous Waste (level A), Concrete Specialist, Curb Setter and Cutter, Grade Checker, Concrete Crew in Tunnels. Utility pipeline Tappers, Waterline, Caulker, Signal Person will receive the rate equal to the rate paid the Laborer classification for which the Laborer is signaling.

Group 4 Miner, Welder, Gunite Nozzle Person

A.) The Watchperson shall be responsible to patrol and maintain a safe traffic zone including but not limited to barrels, cones, signs, arrow boards, message boards etc.

The responsibility of a watchperson is to	see that the equipmen	t, job and office traile	er etc. are secure.	

Name of Union: Operating Engineers - Building Local 18 - Zone III

Change #: LCN01-2024ibLoc18zone3

Craft: Operating Engineer Effective Date: 06/05/2024 Last Posted: 06/05/2024

]	BHR		Frin	ge Bene	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification	Ш										
Operator Group A	\$	44.14	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$60.74	\$82.81
Operator Group B	\$4	44.02	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$60.62	\$82.63
Operator Group C	\$4	42.98	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$59.58	\$81.07
Operator Group D	\$4	41.80	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$58.40	\$79.30
Operator Group E	\$3	36.34	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$52.94	\$71.11
Master Mechanic	\$4	45.14	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$61.74	\$84.31
Cranes & Mobile Concrete Pumps 150'-180'	\$44.64		\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$61.24	\$83.56
Cranes & Mobile Concrete Pumps 180'-249'	\$4	15.14	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$61.74	\$84.31
Cranes & Mobile Concrete Pumps 249' and over	\$45.39		\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$61.99	\$84.69
Apprentice	Pe	rcent										
1st Year	50.00	\$22.07	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$38.67	\$49.71
2nd Year	60.00	\$26.48	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$43.08	\$56.33
3rd Year	70.00	\$30.90	\$9.26	\$6.25		\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$47.50	\$62.95
Field Mechanic Trainee	80.00	\$35.31	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$51.91	\$69.57

1st Year	50.00	\$22.07	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$38.67	\$49.71
2nd Year	60.00	\$26.48	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$43.08	\$56.33
3rd Year	70.00	\$30.90	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$47.50	\$62.95
4th Year	80.00	\$35.31	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$51.91	\$69.57

Special Calculation Note: Other: Education & Safety

Misc: National Training

Ratio:

For every (3) Operating Engineer Journeymen employed by the company there may be employed (1) Registered Apprentice or trainee Engineer through the referral when they are available. An apprenice, while employed as part of a crew per Article VIII, paragraph 78, will not be subject to the apprenticeship ratios in this FULTON, GALLIA, GREENE, GUERNSEY, collective bargaining agreement ADAMS, ALLEN, ASHLAND, ATHENS, AU BELMONT, BROWN, BUTLER, CARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM COLLECTIVE BARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, CLARK CHAMPAIGN, CLARK CHAMPAIGN, CLARK CLERMONT, CLIN CHAMPAIGN, CLARK CHAMPAIG

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, MADISON, MARION, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WYANDOT

Special Jurisdictional Note:

Details:

Note: There will be a 10% increase for the apprentices on top of the percentages listed above provided they are operating mobile equipment. Mechanic Trainees will receive 10% increase if required to have CDL

Group A- Barrier Moving Machines; Boiler Operators or Compressor Operators, when compressor or boiler is mounted on crane (Piggyback Operation); Boom Trucks (all types); Cableways Cherry Pickers; Combination - Concrete Mixers & Towers; All Concrete Pumps with Booms; Cranes (all types); Compact Cranes, track or rubber over 4,000 pounds capacity; Cranes self-erecting, stationary, track or truck (all configurations); Derricks (all types); Draglines; Dredges (dipper, clam or suction) 3-man crew; Elevating Graders or Euclid Loaders; Floating Equipment; Forklift (rough terrain with winch/hoist); Gradalls; Helicopter Operators, hoisting building materials; Helicopter Winch Operators, Hoisting building materials; Hoes (All types); Hoists (with two or more drums in use); Horizonal Directional Drill; Hydraulic Gantry (lift system); Laser Finishing Machines; Laser Screed and like equipment; Lift Slab or Panel Jack Operators; Locomotives (all types); Maintenance Operator/Technician(Mechanic Operator/Technician and/or Welder); Mixers, paving (multiple drum); Mobile Concrete Pumps, with booms; Panelboards, (all types on site); Pile Drivers; Power Shovels; Prentice Loader; Rail Tamper (with automatic lifting and aligning device); Rotary Drills (all), used on caissons for foundations and sub-structure; Side Booms; Slip Form Pavers; Straddle Carriers (Building Construction on site); Trench Machines (over 24" wide); Tug Boats.

Group B - Articulating/end dumps (minus \$4.00/hour from Group B rate); Asphalt Pavers; Bobcat-type and/or skid steer loader with hoe attachment greater than 7000 lbs.; Bulldozers; CMI type Equipment; Concrete Saw, Vermeer-type; Endloaders; Hydro Milling Machine; Kolman-type Loaders (Dirt Loading); Lead Greasemen; Mucking Machines; Pettibone-Rail Equipment; Power Graders; Power Scoops; Power Scrapers; Push Cats;,

Rotomills (all), grinders and planers of all types.

Group C - A-Frames; Air Compressors, Pressurizing Shafts or Tunnels; All Asphalt Rollers; Bobcat-type and/or Skid Steer Loader with or without attachments; Boilers (15 lbs. pressure and over); All Concrete Pumps (without booms with 5 inch system); Fork Lifts (except masonry); Highway Drills - all types (with integral power); Hoists (with one drum); House Elevators (except those automatic call button controlled), Buck Hoists, Transport Platforms, Construction Elevators; Hydro Vac/Excavator (when a second person is needed, the rate of pay will be "Class E"); Man Lifts; Material hoist/elevators; Mud Jacks; Pressure Grouting; Pump Operators (installing or operating Well Points or other types of Dewatering Systems); Pumps (4 inches and over discharge); Railroad Tie (Inserter/Remover); Rotovator (Lime-Soil Stabilizer); Submersible Pumps (4"and over discharge); Switch & Tie Tampers (without lifting and aligning device); Trench Machines (24" and under); Utility Operators.

Group D - Backfillers and Tampers; Ballast Re-locator; Batch Plant Operators; Bar and Joint Installing Machines; Bull Floats; Burlap and Curing Machines; Clefplanes; Compressors, on building construction; Concrete Mixers, more than one bag capacity; Concrete Mixers, one bag capacity (side loaders); All Concrete Pumps (without boom with 4" or smaller system); Concrete Spreader; Conveyors, used for handling building materials; Crushers; Deckhands; Drum Fireman (in asphalt plants); Farm type tractors pulling attachments; Finishing Machines; Form Trenchers; Generators: Gunite Machines; Hydro-seeders; Pavement Breakers (hydraulic or cable); Post Drivers; Post Hole Diggers; Pressure Pumps (over 1/2") discharge); Road Widening Trenchers; Rollers (except asphalt); Self-propelled sub-graders; Shotcrete Machines; Tire Repairmen; Tractors, pulling sheepsfoot post roller or grader; VAC/ALLS; Vibratory Compactors, with integral power; Welders.

Group E – Allen Screed Paver (concrete); Boilers (less than 15 lbs. pressure); Cranes-Compact, track or rubber (under 4,000 pounds capacity); Directional Drill "Locator"; Fueling and greasing +\$3.00; Inboard/outboard Motor Boat Launches; Light Plant Operators; Masonry Fork Lifts; Oilers/Helpers; Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Signalperson, Submersible Pumps (under 4" discharge).

Master Mechanics - Master Mechanic

Cranes 150' - 180' - Boom & Jib 150 - 180 feet

Cranes 180' - 249' - Boom & Jib 180 - 249 feet

Cranes 250' and over - Boom & Jib 250-feet or over

Name of Union: Operating Engineers - HevHwy Zone II

Change #: LCN01-2024ibLoc18hevhwyll

Craft: Operating Engineer Effective Date: 06/05/2024 Last Posted: 06/05/2024

		BHR		Frin	ge Ben	efit Pay	ments		Irrevo Fu	ocable nd	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Cla	ssification											
Operator Class A	\$	44.14	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$60.74	\$82.81
Operator Class B	\$	44.02	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$60.62	\$82.63
Operator Class C	\$	42.98	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$59.58	\$81.07
Operator Class D	\$	41.80	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$58.40	\$79.30
Operator Class E	\$.	36.34	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$52.94	\$71.11
Master Mechanic	\$4	45.14	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$61.74	\$84.31
Crane and Mobile Concrete Pump 150' - 179'	\$4	\$44.64		\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$61.24	\$83.56
Crane and Mobile Concrete Pump 180' - 249'	\$4	15.14	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$61.74	\$84.31
Crane and Mobile Concrete Pump 250' and Over	\$4	\$45.39		\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$61.99	\$84.69
Apprentice	Pe	rcent										
1st Year	50.00	\$22.07	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$38.67	\$49.71
2nd Year	60.00	\$26.48	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$43.08	\$56.33
3rd Year	70.00	\$30.90	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$47.50	\$62.95
4th Year	80.00	\$35.31	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$51.91	\$69.57
Field Mech Trainee Class 2												

1st year	50.00	\$22.07	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$38.67	\$49.71
2nd year	60.00	\$26.48	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$43.08	\$56.33
3rd year	70.00	\$30.90	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$47.50	\$62.95
4th year	80.00	\$35.31	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$51.91	\$69.57

Special Calculation Note: Other: Education & Safety Fund

Misc: National Training

Ratio:

For every (3) Operating Engineer Journeymen employed by the company, there may be employed (1) Registered Apprentice or Trainee Engineer through the referral when they are available. An Apprentice, while employed as part of a crew per Article VIII, paragraph 65 will not be subject to the apprenticeship ratios in this FULTON, GALLIA, GREENE, GUERNSEY, collective bargaining agreement ADAMS, ALLEN, ASHLAND, ATHENS, AU BELMONT, BROWN, BUTLER, CARROLL CHAMPAIGN, CLARK, CLERMONT, CLIN COSHOCTON, CRAWFORD, DARKE, DEF DELAWARE, FAIRFIELD, FAYETTE, FRAM FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRI

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, LUCAS, MADISON, MARION, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

**Apprentices wilt receive a 10% increase on top of the percentages listed above provided they are operating mobile equipment. Mechanic Trainees will receive 10% increase if they are required to have CDL.

Class A - Air Compressors on Steel Erection; Asphalt Plant Engineers (Cleveland District Only); Barrier Moving Machine; Boiler Operators, Compressor Operators, or Generators, when mounted on a rig; Boom Trucks (all types); Cableways; Cherry Pickers; Combination- Concrete Mixers & Towers; Concrete Plants (over 4 yd capacity); Concrete Pumps; Cranes (all types); Compact Cranes track or rubber over 4,000 pounds capacity; Cranes self-erecting stationary, track or truck; Derricks (all types); Draglines; Dredges dipper, clam or suction; Elevating Graders or Euclid Loaders; Floating Equipment (all types); Gradalls; Helicopter Crew (Operator-hoist or winch); Hoes (all types); Hoisting Engines; Hoisting Engines, on shaft or tunnel work; Hydraulic Gantry (lifting system); Industrial-type Tractors; Jet Engine Dryer (D8 or D9) diesel Tractors; Locomotives (standard gauge); Maintenance Operators/Technicians (class A); Mixers, paving (single or double drum); Mucking Machines; Multiple Scrapers; Piledriving Machines (all types); Power Shovels, Prentice Loader; Quad 9 (double pusher); Rail Tamper (with automatic lifting and aligning device); Refrigerating Machines (freezer operation); Rotary Drills, on caisson work; Rough Terrain Fork Lift with winch/hoist; Side Booms; Slip Form Pavers; Survey Crew Party Chiefs; Tower Derricks; Tree Shredders; Trench Machines (over 24" wide); Truck Mounted Concrete Pumps; Tug Boats; Tunnel Machines and /or Mining Machines; Wheel Excavators.

Class B - Asphalt Pavers; Automatic Subgrade Machines, self-propelled (CMI-type); Bobcat-type and /or Skid Steer Loader with hoe attachment greater than 7000 lbs.; Boring Machine Operators (more than 48 inches); Bulldozers; Concrete Saws, Vermeer type; Endloaders; Horizontal Directional Drill (50,000 ft. lbs. thrust and

over); Hydro Milling Machine; Kolman-type Loaders (production type-dirt); Lead Greasemen; Lighting and Traffic Signal Installation Equipment includes all groups or classifications; Maintenance Operators/Technicians, Class B; Material Transfer Equipment (shuttle buggy) Asphalt; Pettibone-Rail Equipment; Power Graders; Power Scrapers; Push Cats; Rotomills (all), Grinders and Planners of all types, Groovers (excluding walk-behinds); Trench Machines (24 inch wide and under).

Class C - A-Frames; Air Compressors, on tunnel work (low Pressure); Articulating/straight bed end dumps if assigned (minus \$4.00 per hour); Asphalt Plant Engineers (Portage and Summit Counties only); Bobcat-type and/or skid steer loader with or without attachments; Drones; Highway Drills (all types); HydroVac/Excavator (when a second person is needed, the rate of pay will be "Class E"); Locomotives (narrow gauge); Material Hoist/Elevators; Mixers, concrete (more than one bag capacity); Mixers, one bag capacity (side loader); Power Boilers (over 15 lbs. pressure); Pump Operators (installing or operating well Points); Pumps (4 inch and over discharge); Railroad Tie Inserter/Remover; Rollers, Asphalt; Rotovator (lime-soil Stabilizer); Switch & Tie Tampers (without lifting and aligning device); Utilities Operators, (small equipment); Welding Machines and Generators.

Class D – Backfillers and Tampers; Ballast Re-locator; Bar and Joint Installing Machines; Batch Plant Operators; Boring Machine Operators (48 inch or less); Bull Floats; Burlap and Curing Machines; Concrete Plants (capacity 4 yds. and under); Concrete Saws (multiple); Conveyors (highway); Crushers; Deckhands; Farm type tractors, with attachments (highway); Finishing Machines; Firemen, Floating Equipment (all types); Fork Lifts (highway), except masonry; Form Trenchers; Hydro Hammers; Hydro Seeders; Pavement Breakers (hydraulic or cable); Plant Mixers; Post Drivers; Post Hole Diggers; Power Brush Burners; Power Form Handling Equipment; Road Widening Trenchers; Rollers (brick, grade, macadam); Self-Propelled Power Spreaders; Self-Propelled Sub-Graders; Steam Firemen; Survey Instrument men; Tractors, pulling sheepsfoot rollers or graders; Vibratory Compactors, with integral power.

Class E - Compressors (portable, Sewer, Heavy and Highway); Cranes-Compact, track or rubber under 4,000 pound capacity; Drum Firemen (asphalt plant); Fueling and greasing (Primary Operator with Specialized CDL Endorsement Add \$3.00/hr); Generators; Inboard-Outboard Motor Boat Launches; Masonry Fork Lifts; Oil Heaters (asphalt plant); Oilers/Helpers; Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Signalperson; Survey Rodmen or Chairmen; Tire Repairmen; VAC/ALLS.

Master Mechanic - Master Mechanic

Cranes and Mobile Concrete Pumps 150' -179' - Boom & Jib 150 - 179 feet

Cranes and Mobile Concrete Pumps 180' - 249' - Boom & Jib 180 - 249 feet

Cranes and Mobile Concrete Pumps 250' and over - Boom & Jib 250 feet or over

Name of Union: Painter Locals 123 & 238

Change #: LCN01-2024ibLoc123-238

Craft: Drywall Finisher Effective Date: 05/01/2024 Last Posted: 05/01/2024

	В	HR		Frin	ge Bene	efit Payı	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Painter Drywall Finisher	\$28.29		\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.30	\$56.45
Tapers and Finishers	\$28.29		\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.30	\$56.45
r												
Apprentice	Per	cent										
1st Year	65.00	\$18.39	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.50	\$36.69
2nd Year	70.00	\$19.80	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28,91	\$38.81
3rd Year	80.00	\$22.63	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.74	\$43.06
4th Yea	90.00	\$25.46	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.57	\$47.30

Special Calculation Note: Apprentices shall be paid the proper % of the classification above.

Ratio:

1 Journeyman to 1 Apprentice per job

Jurisdiction (* denotes special jurisdictional note) :

BROWN, BUTLER, CLERMONT, CLINTON, HAMILTON, WARREN

Special Jurisdictional Note:

Details:

Industrial Work paid as commercial work above for each class which includes, Industrial Plants, repair garages, processing plants, storage tanks, warehouses, skeletons structures, bridges unless highest point of clearance is 60 feet or more whether new or old construction offices and office buildings in industrial sites are at industrial rates. Heavy & Highway Bridges-GuardRails- Light Poles. A hazardous steeplejack rate shall apply on radio towers, stacks, light towers, water towers, steeples, skeleton steel, and exterior industrial conveyors over 25 feet, where such items require steeplejack methods and the rate of pay shall be a \$1.00 per hour above the industrial rate. Steeplejack rate to apply to bridges where highest point of clearance is 60 feet.

Name of Union: Painter Local 123 & 238 Hvy Hwy

Change # : LCN01-2024ibLoc123

Craft: Painter Effective Date: 05/01/2024 Last Posted: 05/01/2024

	1	BHR		Frin	ge Ben	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classifi	cation											
Painter Bridge Class 1	\$:	38.68	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.69	\$72.03
Bridge Painter, Rigger, Containment Builder, Spot Blaster Class 2	\$3	31.68	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.69	\$61.53
Equipment Operator/Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control, Boat Person Class 3		31.68	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.69	\$61.53
Concrete Sealing, Concrete Blasting/Power Washing, Etc. Class 4	\$3	1.68	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.69	\$61.53
Quality Control/Quality Assurance, Traffic Safety, Competent Person Class 5	\$3	1.68	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.69	\$61.53
Apprentice	Per	cent										
1st Year	65.00	\$25.14	\$2.30	\$6.50	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.25	\$46.82
2nd Year	70.00	\$27.08	\$2.30			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.19	\$49.72
3rd Year	80.00	\$30.94	\$2.30	\$6.50	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.05	\$55.53
4th Year	90.00	\$34.81	\$2.30	\$6.50	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.92	\$61.33

Special Calculation Note: Apprentices shall be paid proper % of the classification above...

Ratio:

Jurisdiction (* denotes special jurisdictional note):

Special Jurisdictional Note:

Details:

Industrial Work paid as commercial work above for each class which includes, Industrial Plants, repair garages, processing plants, storage tanks, warehouses, skeletons structures, bridges unless highest point of clearance is 60 feet or more whether new or old construction offices and office buildings in industrial sites are at industrial rates. Heavy & Highway Bridges-GuardRails- Light Poles. A hazardous steeplejack rate shall apply on radio towers, stacks, light towers, water towers, steeples, skeleton steel, and exterior industrial conveyors over 25 feet, where such items require steeplejack methods and the rate of pay shall be a \$1.00 per hour above the industrial rate. Steeplejack rate to apply to bridges where highest point of clearance is 60 feet.

Class 1 – Abrasive blasting of any kind.

Class 2 – Bridge painting, coating application of any kind. All steel surface preparation other than abrasive blasting. All necessary rigging and containment building. All remedial/ spot blasting.

Class 3 – Tend to all equipment including but not limited to abrasive basting, power washing, spray painting, forklifts, hoists, trucks, etc. Load and unload trucks, handle materials, man safety boats, handle traffic control, clean up/ vacuum abrasive blast materials and related tasks.

Class 4 – All aspects of concrete coating/ sealing including but not limited to preparation, containment, etc.

Class 5 – Verify and record that all work is completed according to job specifications. Assure that all health and safety standards are adhered to. Assure all traffic is safely handled.

Name of Union: Painter Local 639

Change #: LCNO1-2015fbLoc639

Craft: Painter Effective Date: 06/10/2015 Last Posted: 06/10/2015

	BHR		Frin	ige Bene	fit Payn	nents		Irrevo Fu		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classific	ation					<u>(</u>)					
Painter Metal Finisher/Helpers											
Top Helper Class A	\$19.09	\$3.65	\$0.00	\$0.00	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$23.40	\$32.94
Top Helper Class B	\$19.09	\$3.65	\$0.65	\$0.00	\$1.03	\$0.00	\$0.37	\$0.00	\$0.00	\$24.79	\$34.33
Top Helper Class C	\$19.09	\$3.65	\$1.00	\$0.00	\$1.76	\$0.00	\$0.37	\$0.00	\$0.00	\$25.87	\$35.41
Helper Class A	\$14.69	\$3.65	\$0.00	\$0.00	\$0.51	\$0.00	\$0.00	\$0.00	\$0.00	\$18.85	\$26.19
Helper Class B	\$14.69	\$3.65	\$0.65	\$0.00	\$0.79	\$0.00	\$0.28	\$0.00	\$0.00	\$20.06	\$27.40
Helper Class C	\$14.69	\$3.65	\$1.00	\$0.00	\$1.64	\$0.00	\$0.28	\$0.00	\$0.00	\$21.26	\$28.60
New Hire 90 Days	\$11.00	\$3.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14.65	\$20.15

Special Calculation Note: Other is Sick and Personal Time

Ratio:

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY,

SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

Top Helper: Shall perform the responsibilities of a Helper and be responsible for the setup, break down, safety and quality of the company's product.

Helper: Shall be responsible for performing tasks in refinishing, compliance with safety procedures, setting up and breaking down job sites, scaffolding and swing stages and preparing surfaces for refinishing including but not limited to, masking and stripping and cleaning, oxidizing, polishing and scratch removal on various surfaces

Class A Workers: Less than 1 Year of Service.

Class B Workers: More than 1 and less than 8 Years of Service.

Class C Workers: More than 8 Years of Service.

Metal Polisher Scope of Work: Polishing, buffing, stripping, coloring, lacquering, spraying, cleaning and maintenance of ornamental and architectural metals, iron, bronze, nickel, aluminum and stainless steel and in mental specialty work, various stone finishes, stone specialty work and any other work pertaining to the finishing of metal, stones, woods, and any window washing/cleaning done in conjunction with this work, using chemicals, solvents, coatings and hand applied lacquer thinner, removing scratches from mirrow finished metals, burnishing of bronze, statuary finishes on exterior and interior surfaces and the use of all tools required to perform such work, including but not limited to polishes, spray equipment and scaffolding.

Swing State Rate: All work on scaffold 4 sections or higher, including any boom lifts and swing stage scaffolds including the rigging and derigging of hanging/suspended swing stage systems and rappelling/bolson chair work, ADD \$1.50 per hour.

Name of Union: Painter Local 639 Zone 2 Sign

Change #: LCN01-2023ibLoc639

Craft: Painter Effective Date: 03/22/2023 Last Posted: 03/22/2023

	BHR		Frii	nge Bene	efit Payn	nents		Irrevo Fu		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification										
Painter Sign Journeyman Tech/Team Leader Class A	11 1	\$1.70	\$0.21	\$0.00	\$0.00	\$0.00	\$0.68	\$0.00	\$0.00	\$27.87	\$40.51
Painter Sign Journeyman Tech/Team Leader Class B	\$25.28	\$1.70	\$0.21	\$0.00	\$0.49	\$0.00	\$0.68	\$0.00	\$0.00	\$28.36	\$41.00
Painter Sign Journeyman Tech/Team Leader Class C	\$25.28	\$1.70	\$0.21	\$0.00	\$0.97	\$0.00	\$0.68	\$0.00	\$0.00	\$28.84	\$41.48
Painter Sign Journeyman Tech/Team Leader Class D	\$25.28	\$1.70	\$0.21	\$0.00	\$1.46	\$0.00	\$0.68	\$0.00	\$0.00	\$29.33	\$41.97
Sign Journeyman Class A	\$25.00	\$1.70	\$0.21	\$0.00	\$0.00	\$0.00	\$0.67	\$0.00	\$0.00	\$27.58	\$40.08
Sign Journeyman Class B	\$25.00	\$1.70	\$0.21	\$0.00	\$0.48	\$0.00	\$0.67	\$0.00	\$0.00	\$28.06	\$40.56
Sign Iourneyman Class C	\$25.00	\$1.70	\$0.21	\$0.00	\$0.96	\$0.00	\$0.67	\$0.00	\$0.00	\$28.54	\$41.04
Sign ourneyman Class D	\$25.00	\$1.70	\$0.21	\$0.00	\$1.44	\$0.00	\$0.67	\$0.00	\$0.00	\$29.02	\$41.52
ech Sign abrication/ frector class A	\$19.67	\$1.70	\$0.21	\$0.00	\$0.00	\$0.00	\$0.53	\$0.00	\$0.00	\$22.11	\$31.95

Tech Sign Fabrication/ Erector Class B	\$19.67	\$1.70	\$0.21	\$0.00	\$0.38	\$0.00	\$0.53	\$0.00	\$0.00	\$22.49	\$32.33
Tech Sign Fabrication/ Erector Class C	\$19.67	\$1.70	\$0.21	\$0.00	\$0.76	\$0.00	\$0.53	\$0.00	\$0.00	\$22.87	\$32.71
Tech Sign Fabrication/ Erector Class D	\$19.67	\$1.70	\$0.21	\$0.00	\$1.13	\$0.00	\$0.53	\$0.00	\$0.00	\$23.24	\$33.08

Special Calculation Note: Other is for paid holidays.

Ratio:

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, AUGLAIZE, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GREENE, HAMILTON, HANCOCK, HARDIN, HENRY, HIGHLAND, HOLMES, HURON, JACKSON, KNOX, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MERCER, MIAMI, MONTGOMERY, MORROW, MUSKINGUM, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PREBLE, PUTNAM, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, WARREN, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

Class A: less that 1 year.

Class B: 1-3 years. Class C; 3-10 years.

Class D: More than 10 years.

Name of Union: Painter Locals 123 & 238 Commercial & Industrial

Change #: LCN01-2024ibLoc123ComInd

Craft: Painter Effective Date: 05/01/2024 Last Posted: 05/01/2024

	E	BHR		Frin	ge Bene	efit Payı	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Painter Brush Roll	\$2	28.29	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.30	\$56.45
Paper Hanger	\$2	8.29	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.30	\$56.45
Spray Painter	\$28.79		\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.80	\$57.20
Sand Blaster Water Blaster	\$2	9.04	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.05	\$57.57
Elevated Tanks	\$2	9.29	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.30	\$57.95
Apprentice	Per	rcent										
1st Year	65.00	\$18.39	\$6,50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.50	\$36.69
2nd Year	70.00	\$19.80	\$6.50	\$2.30	\$0.31	\$0.00	\$0,00	\$0.00	\$0.00	\$0.00	\$28.91	\$38.81
3rd Year	80.00	\$22.63	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.74	\$43.06
4th Year	90.00	\$25.46	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.57	\$47.30

Special Calculation Note: Apprentices shall be paid the proper % of the classification above.

Ratio:

(1) Journeymen to (1) Apprentice per jobsite

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, CLINTON, HAMILTON, WARREN

Special Jurisdictional Note:

Details:

Industrial Work paid as commercial work above for each class which includes, Industrial Plants, repair garages, processing plants, storage tanks, warehouses, skeletons structures, bridges unless highest point of clearance is 60 feet or more whether new or old construction offices and office buildings in industrial sites are at industrial rates. Heavy & Highway Bridges-GuardRails- Light Poles. A hazardous steeplejack rate shall apply on radio towers, stacks, light towers, water towers, steeples, skeleton steel, and exterior industrial conveyors over 25 feet, where such items require steeplejack methods and the rate of pay shall be a \$1.00 per hour above the

industrial rate. Steeplejack rate to apply to bridges where highest point of clearance is 60 feet.

Name of Union: Plasterer Local 132 (Cincinnati)

Change #: LCN01-2024ibLoc132Cinci

Craft: Plasterer Effective Date: 07/01/2024 Last Posted: 06/26/2024

	В	SHR		Frin	ge Bene	efit Pay	ments		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Plasterer	\$3	0.40	\$6.10	\$8.47	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$46.73	\$61.93
Apprentice	Pe	rcent										
1st 900 hours	70.00	\$21.28	\$6.10	\$0.00	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$29.14	\$39.78
2nd 900 hours	74.00	\$22.50	\$6.10	\$0.00	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$30.36	\$41.60
3rd 900 hours	78.00	\$23.71	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$39.31	\$51.17
4th 900 hours	82.00	\$24.93	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$40.53	\$52.99
5th 900 hours	86.00	\$26.14	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$41.74	\$54.82
6th 900 hours	90.00	\$27.36	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$42.96	\$56.64
7th 900 hours	94.00	\$28.58	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$44.18	\$58.46
8th 900 hours	98.00	\$29.79	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$45.39	\$60.29

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeyman to 1 Apprentice

4 Journeyman to 2 Apprentice

7 Journeyman to 3 Apprentice

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, HAMILTON, HIGHLAND, WARREN

Special Jurisdictional Note:

Details

Apprentice and Shop Hand Pension are \$1.00 less than Journeyman.

^{*}Other is International Training

Name of Union: Plumber Pipefitter Local 392

Change #: LCN01-2024ibLoc392

Craft: Plumber/Pipefitter Effective Date: 06/01/2024 Last Posted: 05/29/2024

	В	HR		Frin	ge Bene	fit Payı	nents	Irrevo Fu	0.00	Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification										-11	
Plumber Pipefitter	\$40.70		\$11.08	\$14.15	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$0.00	\$67.45	\$87.80
Plumber Helper	\$26.46		\$10.98	\$7.40	\$0.89	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.73	\$58.96
Apprentice	Per	rcent										
1st Year	52.00	\$21.16	\$10.88	\$1.15	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$0.00	\$34.71	\$45.30
2nd Year	55.00	\$22.39	\$10.88	\$1.15	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$0.00	\$35.94	\$47.13
3rd Year	58.00	\$23.61	\$10.88	\$7.90	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$0.00	\$43.91	\$55.71
4th Year	62.00	\$25.23	\$10.88	\$7.90	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$0.00	\$45.53	\$58.15
5th Year	75.00	\$30.53	\$10.88	\$14.15	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$0.00	\$57.08	\$72.34

Special Calculation Note: OTHER IS: SUPPLEMENTAL UNEMPLOYMENT BENEFITS.

Ratio:

1 Journeymen to 1 Apprentice

2 Journeymen to 4 Apprentices

3 Journeymen to 6 Apprentices

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, HAMILTON, WARREN

When more than Sixteen (16) Journeymen are employed additional apprentices may be acquired at a ratio of one (1) apprentice to four (4) journeymen.

Special Jurisdictional Note:

Details:

Helpers shall be permitted to work on ONLY, Exterior Sewers, Concrete, Vitrified Clay or PVC Pipe and Digging and Backfilling for Piping Work. The ratio shall not exceed 2 helpers to 1 Journeymen when performing the scope of work listed above

Name of Union: Roofer Local 42

Change #: LCN02-2024ibLoc42

Craft: Roofer Effective Date: 09/18/2024 Last Posted: 09/18/2024

	В	HR		Fring	ge Bene	fit Payr	nents	Irrevo Fu		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification			de la companya de la								
Roofer	\$3:	3.18	\$8.40	\$8.78	\$0.50	\$0.00	\$1.68	\$0.21	\$0.00	\$0.00	\$52.75	\$69.34
Tradesmen	\$2	6.54	\$8.40	\$7.02	\$0.00	\$0.00	\$1.68	\$0.06	\$0.00	\$0.00	\$43.70	\$56.97
Apprentice	Per	cent										
1st Period	65.00	\$21.57	\$8.40	\$5.71	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00	\$0.00	\$37.36	\$48.14
2nd Period	70.00	\$23.23	\$8.40	\$6.15	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00	\$0.00	\$39.46	\$51.07
3rd Period	80.00	\$26.54	\$8.40	\$7.02	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00	\$0.00	\$43.64	\$56.92

Special Calculation Note: Other is for Training Fund

Ratio:

2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, BROWN, BUTLER, CLERMONT, HAMILTON, PIKE, WARREN

Special Jurisdictional Note:

Details:

Any Tradesman Worker completing 2,000 hours in (2) years may move to Journeyman status by utilizing the Training Yard to improve their skills. Tradesman Workers will be tested at these yards to determine their competency for Journeyman status. Tradesman Workers must schedule and successfully complete the industry test battery in order to gain journeyman status.

Name of Union: Sheet Metal Local 24 (Dayton)

Change #: LCN01-2024ibLoc24(Dayton)

Craft: Sheet Metal Worker Effective Date: 09/18/2024 Last Posted: 09/18/2024

	BHR			Fring	ge Bene	fit Payı	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	Pension App Tr.		Annuity	Other	LECET (*)	MISC (*)		
Classif	fication											Management of the control of the con
Sheet Metal Worker	\$33.76		\$9.86	\$15.30	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60.02	\$76.90
Apprentice	Per	rcent					A Proposition of the Contract					
1st Year (Probationary Period)	60.00	\$20.26	\$9.20	\$5.45	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.01	\$46.13
2nd Year	65.00	\$21.94	\$9.28	\$6.69	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.01	\$49.99
3rd Year	75.00	\$25.32	\$9.45	\$9.15	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.02	\$57.68
4th Year	85.00	\$28.70	\$9.62	\$11.60	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.02	\$65.36

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeyman to 1 Apprentice then,

1 Apprentice for every 2 Journeymen thereafter

Jurisdiction (* denotes special jurisdictional note):

ALLEN, AUGLAIZE, BUTLER, CHAMPAIGN, CLARK, CLINTON, DARKE, GREENE, HARDIN, LOGAN, MERCER, MIAMI, MONTGOMERY, PREBLE, SHELBY, VAN WERT, WARREN, WYANDOT

Special Jurisdictional Note:

Details:

Name of Union: Sprinkler Fitter Local 669

Change #: LCN01-2022sksLoc669

Craft: Sprinkler Fitter Effective Date: 04/06/2022 Last Posted: 04/06/2022

	В	HR		Fring	ge Bene	enefit Payments			Irrevo Fui	Total I	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Sprinkler Fitter	\$4.	3.75	\$10.99	\$7.10	\$0.52	\$0.00	\$5.12	\$0.00	\$0.00	\$0.00	\$67.48	\$89.35
Apprentice Indentured after April 1, 2013	Per	cent										
CILASS 1	45.00	\$19.69	\$7.85	\$0.00	\$0.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.06	\$37.90
CLASS 2	50.02	\$21.88	\$7.85	\$0.00	\$0.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.25	\$41.20
CLASS 3	54.43	\$23.81	\$10.99	\$7.10	\$0.52	\$0.00	\$1.15	\$0.00	\$0.00	\$0.00	\$43.57	\$55.48
CLASS 4	59,43	\$26.00	\$10.99	\$7.10	\$0.52	\$0.00	\$1.15	\$0.00	\$0.00	\$0.00	\$45.76	\$58.76
CLASS 5	64.43	\$28.19	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$48.20	\$62.29
CLASS 6	69,43	\$30.38	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$50.39	\$65.57
CLASS 7	74.43	\$32.56	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$52.57	\$68.85
CLASS 8	79.42	\$34.75	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$54.76	\$72.13
CLASS 9	84.43	\$36.94	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$56.95	\$75.42
CLASS 10	89.44	\$39.13	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$59.14	\$78.70

Special Calculation Note:

Ratio:

1 Journeyman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW,

MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

Sprinkler Fitter work shall consist of the installation, dismantling, maintenance, repairs, adjustments, and corrections of all fire protection and fire control systems including the unloading, handling by hand, power equipment and installation of all piping or tubing, appurtenances and equipment pertaining thereto, including both overhead and underground water mains, fire hydrants and hydrant mains, standpipes and hose connections to sprinkler systems used in connection with sprinkler and alarm systems. Also all tanks and pumps connected thereto, also included shall be CO-2 and Cardox Systems, Dry Chemical Systems, Foam Systems and all other fire protection systems.

Name of Union: Truck Driver Bldg & HevHwy Class 1 Locals 20,40,92,92b,100,175,284,438,377,637,908,957

Change #: LCN01-2024ibBldgHevHwy

Craft: Truck Driver Effective Date: 05/01/2024 Last Posted: 05/01/2024

	Bl	HR		Frin	ge Bene	fit Payr	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	Classification											
Truck Driver CLASS 1 4 wheel service, dump, and batch trucks; drivers on tandems; truck sweepers (not to include power sweepers & scrubbers)	\$3	1.84	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.84	\$65.76
Apprentice	Per	cent										
First 6 months	80.00	\$25.47	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.47	\$56.21
7-12 months	85.00	\$27.06	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.06	\$58.60
13-18 months	90.00	\$28.66	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.66	\$60.98
19-24 months	95.00	\$30.25	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.25	\$63.37
25-30 months	100.00	\$31.84	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.84	\$65.76

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK,

CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

Name of Union: Truck Driver Bldg & HevHwy Class 2 Locals 20,40,92,92b,100,175,284,438,377,637,908,957

Change #: LCN01-2024ibBldgHevHwy

Craft: Truck Driver Effective Date: 05/01/2024 Last Posted: 05/01/2024

	BI	HR		Fring	ge Bene	fit Pay	ments		Irrevo Fui	37.07.07.00	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification	Classification									1		
Truck Driver CLASS 2 Tractor Trailer-Semi Tractor Trucks; Pole Trailers; Ready Mix Trucks; Fuel Trucks; 5 Axle & Over; Belly Dumps; Low boys - Heavy duty Equipment(irrespective of load carried) when used exclusively for transportation; Truck Mechanics (when needed)		2.26	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.26	\$66.39
Apprentice	Per	cent										
First 6 months	80.00	\$25.81	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.81	\$56.71
7-12 months	85.00	\$27.42	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.42	\$59.13
13-18 months	90.00	\$29.03	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.03	\$61.55
19-24 months	95.00	\$30.65	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.65	\$63.97
25-30 months	100.00	\$32.26	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.26	\$66.39

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON,

KNOX, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

Name of Union: Truck Driver Bldg & HevHwy Class 3 Locals 20,40,92,92b,100,175,284,438,377,637,908,957

Change #: LCN01-2024ibBldgHevHwy3

Craft: Truck Driver Effective Date: 05/01/2024 Last Posted: 05/01/2024

	BI	HR		Fring	ge Bene	fit Payr	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	Classification											
Truck Driver CLASS 3 Articulated Dump Trucks; Ridge- Frame Rock Trucks; Distributor Trucks)	\$30	3.26	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.26	\$67.89
Apprentice	Per	cent										
First 6 months	80.00	\$26.61	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.61	\$57.91
7-12 months	85.00	\$28.27	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.27	\$60.41
13-18 months	90.00	\$29.93	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.93	\$62.90
19-24 months	94.96	\$31.58	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.58	\$65.38
25-30 months	100.00	\$33.26	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.26	\$67.89

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE,

GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

SECTION M

SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS and ODOT'S LPA TEMPLATE REQUIRED CONTRACT PROVISIONS

The 2019 Ohio Department of Transportation Construction and Material Specifications and the Supplemental Specifications shall govern this project unless stated otherwise by the Warren County Engineer, herein referred to as "Engineer", "Project Engineer" and "County Engineer".

It is required that the bidder be an ODOT pre-qualified Contractor to complete the construction work required in these Bid Documents. The Contractor, Sub-Contractor, and Fabricators must meet or exceed the ODOT Minimum Skills Requirements for all Work Types involved in this project.

Conflicting Items in Bid Documents

Whenever the Technical Specifications and Bid Proposal Quantities differ from the Construction Plans, the Technical Specifications and Bid Proposal Quantities shall control for the bidding of this project.

Encouraging Diversity, Growth and Equity (EDGE) Requirements

Pursuant to Ohio Revised Code 123.152, five percent (5%) of the awarded Contractor's bid must be subcontract to certified EDGE firms. EDGE certified firms are those who have been certified by the Ohio ODOT of Administrative Services. The Contractor must use its best efforts to solicit quotes from and to utilize EDGE subcontractors/suppliers on this project. Reference ODOT's 2023 LPA Template (Ohio) at the end of the special provisions/technical specifications for more details.

Construction Engineering and Project Inspection

The Warren County Engineer will provide all construction engineering and project inspection for the construction of this project.

Operations Schedule

The Contractor shall advise and coordinate all work with the Engineer. A detailed schedule of operations shall be furnished by the Contractor to the Engineer and shall list the order of operations and the time frame for the completion of each item of work. The Engineer and the Owner prior to the beginning of the work shall approve the schedule of operations. Changes to said schedule are to be issued in writing and approved by the Engineer before operations are changed or rescheduled. The Contractor shall schedule operations so that the improved areas have had sufficient time to cure, set and/or harden before the area is opened to traffic or use. The Contractor shall be responsible for the immediate repair of the improved area if any damage is done by traffic. The Contractor shall also be responsible for the immediate rectification of problems created in areas outside of the improved areas attributable to the failure of the improved area, i.e., the tracking of materials into unimproved areas.

Preconstruction Meeting

Prior to the commencement of the construction activities, the Warren County Engineer will arrange a meeting between the Contractor and the Warren County Engineer. The time, date, and location of said meeting will be determined after the awarding of the contract. All parties will be notified by the Warren County Engineer. At the preconstruction meeting the Contractor shall submit to the Project Manager a construction schedule, list of subcontractors, and list of suppliers.

Project Start Date

The Contractor shall begin the construction once a written notice-to-proceed has been given by the Board of Warren County Commissioners and a preconstruction meeting with the Warren County Engineer has been held. It is anticipated that construction will begin in the spring or summer of 2025.

Completion Time

All work shall be completed within 12 weeks after the written notice-to-proceed has been issued by the Board of Warren County Commissioners, a preconstruction meeting has been held, and construction has started. Liquidated damages for non-completion beyond the 12 weeks shall follow the CMS 108.07. Once work has started it shall be expected that work will be performed every work day on the project in an expeditious manner until the project is complete unless of inclimate weather.

Working Restrictions

No work shall be done between 6:00 p.m Friday and 7:00 a.m. Monday or during holidays, unless approved by the County Engineer. In addition, night work of any type shall be strictly prohibited, unless approved by the County Engineer.

Payment of Work

Contractor Estimates shall not be submitted more than once a month to the County Engineer for work included in the Contract between the County Commissioners and the Contractor. This project is a Federal to State Funding Exchange project which is similar to an ODOT LPA project based on paperwork, however ODOT will not be involved in the construction process. ODOT will make direct payments to the Contractor for 95% of construction costs and Warren County will make payments to the Contractor for 5% of the construction costs.

Prompt Payment and Payment Reporting

The contractor shall ensure prompt payment to subcontractors and material suppliers per Ohio Revised Code 4113.61. Furthermore, the Contractor must record each individual progress payment as well as each final payment to all subcontractors, service providers, and materials and

supplies vendors in such payment reporting system that ODOT shall indicate and in compliance with such timeframe that ODOT shall indicate.

Affidavits

The contractor shall provide the County Engineer with affidavits stating that all subcontractors and suppliers for this project have been paid in full in accordance with CMS 109.08.

Change Orders

No change orders involving performance or nonperformance contract quantities of project materials shall be processed without direct approval by the Warren County Engineer.

Storage of Construction Materials

The Contractor shall obtain prior approval of the Owner and/or Engineer for the locations to be used for the temporary storage of construction materials, tools, and/or machinery. All such materials, tools, and machinery shall be neatly and compactly piled in such a manner as to cause the least inconvenience to the property owners and to traffic. Under no circumstances shall existing drainage courses be blocked or water hydrants, valves, or meter pits covered.

Protection of Areas Outside of Work Limits

The Contractor shall be responsible for the protection of areas outside of the designated work limits, but which may be adjacent to those work limits. This will include those areas used by construction traffic for access to and from the work areas. Where the Engineer determines that the Contractor's operations have been responsible for damage to areas outside of the work limits, the Contractor shall be responsible for the repair of the area subject to the approval of the Engineer. No additional compensation will be due to the Contractor for any repair of these areas.

Instream Work & Waterway Permit

A Nationwide Permit No. 3 has been obtained from the USACE for excavation and fill material below the OHWM of Newmans Run at the location of the bridge.

Debris Removal

The Contractor shall be responsible for removal from the site of all construction debris material. All debris material shall be disposed of in a proper manner and shall be as directed by any applicable local, state or federal regulations. Any material that does fall into the stream shall be removed as soon as possible.

Asbestos Notification

An asbestos survey of the existing Bridge #134-3.76 over Newmans Run, SFN 8332991, was completed by a certified asbestos hazard evaluation specialist (CAHES) on 1/24/23. A copy of

the Ohio Environmental Protection Agency Notification of Demolition and Renovation form partially completed by Warren County and a copy of the asbestos survey will be provided to the Contractor at the preconstruction meeting. Although, asbestos abatement is not required, the Contractor shall finalize the form and submit it along with the necessary fee to the Ohio EPA, DAPC Asbestos Program, at least 10 days prior to demolition activities. A completed form and payment can be mailed to the Ohio EPA or it can be completed and paid online at the following website http://epa.ohio.gov/dapc/atu/asbestos. Payment for the work listed above as well as the Ohio EPA form fee shall be included in the Lump Sum bid price for Item 202 Structure Removed.

Debris Containment

The Contractor shall prevent all material, bridge sealers, and other construction debris from falling into the stream during the entire project. Any material which falls into the stream shall be removed immediately.

Utility Notification

The Contractor shall notify at least 48 hours before breaking ground all public and/or private service corporation having wires, poles, conduits, manholes, or other structures that may be affected by the construction on this project, including all structures which are affected and not shown on the plans. Owners of underground utilities, which are members of OUPS, can be notified by calling 1-800-362-2764. Non-member underground utility owners must be called directly.

Utility Adjustments and Verification

The Contractor shall adjust to proposed grade all existing utility facilities, i.e. manholes, catch basins, valves, boxes, etc., prior to the commencement of paving operation. This shall include utility facilities, not shown on the plan, which may be found to be located within the pavement area. Work performed on the utility facilities shall be in strict accordance with the specifications of the applicable utility owner and shall be performed under the direction, supervision and inspection of said owner.

Existing Pipe

The location, size, type and depth of all existing pipe are shown as according to the best information. The Engineer will not be responsible for any variations found during construction. Where the plans provide for conduit to be connected to, or to cross either over or under, or close to an existing underground structure, it shall be the responsibility of the Contractor to locate the existing structure, both as to line and grade, before he starts to lay the proposed conduit, in order to assure compatibility of line and grade of the proposed conduit. Payment for all operations described above shall be included in the unit price bid for the pertinent conduit item.

Maintenance of Sewer Flows

The Contractor shall conduct his operations so as to maintain at all times storm water and sewer flows through existing facilities to remain in place and through existing facilities to be replaced until new facilities are completed and placed in use.

Testing of Construction Materials

The Engineer may select a testing firm for this project. The Engineer will notify the Contractor of the selected firm. The Engineer shall be responsible for the costs incurred in the testing of the construction materials both on site and at the plant. However, the Contractor shall note that he will be responsible for any and all costs incurred by the scheduling and/or rescheduling of the testing firm's activities by the Contractor and the subsequent delay and/or cancellation of said activities due to the delay and/or cancellation of the scheduled construction by the Contractor.

Item 201 - Clearing and Grubbing

This work shall consist of clearing, grubbing, scalping, removal of trees and stumps, and removing and disposing of all necessary vegetation and debris located within the limits of construction, except such objects as are to remain or are to be removed in accordance with other sections of these specifications shall be the responsibility of the Contractor. The Contractor shall keep clearing to a minimum removing only what is necessary to complete construction. **Tree removal must be completed outside of bat roosting season, all tree work shall be completed by March 31**st, **2025.** It is anticipated that the Contractor will need to remove approximately 8 trees for the road and bridge work as referenced in the General Notes, and approximately 4 additional trees for the water main relocation work as marked in the plan and profile sheet. The approximate tree removal count is for trees 12 inches in diameter or greater, there are several smaller trees and brush that will need to be cleared inside the work limits. Payment for the work listed above shall be included in the Lump Sum bid price for Item 201 Clearing and Grubbing.

Entire stumps shall be removed on the Ramey property, as they plan to plant additional trees in the disturbed area at the completion of the project.

Ownership of Wood

All trees removed as part of Item 201 Clearing and Grubbing, may be cut into 18 inch lengths, stacked beyond the right-of-way line or an agreed-upon location, and left for the respective property owners, only if requested by the property owner during tree removal. The property owner of 7003 Township Line Road, Erin Joy Brodie Morgan (513-292-4234) has already made such request. Please coordinate with her during the clearing and grubbing process to decide on a location and quantity of firewood. If any other property owner refuses to accept the wood, the contractor shall dispose of the wood as directed by the engineer. Payment for the above described work shall be included in the Lump Sum bid price for Item 201 Clearing and Grubbing.

Endangered Bat Habitat Removal

The project is located within the known habitat ranges of the federally listed and protected Indiana Bat and Northern Long-eared Bat. No trees shall be removed under this project from April 1st through September 30th. All necessary tree removal shall occur from October 1st through March 31st. This requirement is necessary to avoid and minimize impacts to these species as required by the Endangered Species Act. For the purpose of this note, a tree is defined as a live, dying, or dead woody plant, with a truck 3 inches or greater in diameter at a height of 4.5 feet above the ground surface, and with a minimum height of 13 feet. The USACE waterway permit triggered the bat tree requirement even though this project is funded with State funds from the Federal to State Funding Exchange Program.

Item 202 – Removals

This work shall consist of the removal, wholly or in part, and satisfactory disposal of all buildings, fences, guardrails, structures, old pavements, abandoned pipe lines, storage tanks, septic tanks, privy vaults, and any other obstructions which are not designated or permitted to remain, except for the obstructions to be removed and disposed of under other items in the contract. It shall also include the salvaging of designated materials and backfilling the resulting trenches, holes, and pits.

Item 202 – Structure Removed

The Contractor shall be responsible for all the equipment and labor necessary in the removal of the asphalt, fill material, stone arch, concrete extensions, and footings as detailed in the plans. Payment for the work listed above shall be included in the Lump Sum bid price for Item 202 Structure Removed.

Item 202 – Mailbox Removed and Reset

This item shall consist of relocating an existing mailbox by furnishing and erecting a mailbox support and any associated hardware and attaching an owner supplied mailbox at a location as directed by the Engineer. Wood post shall be a nominal 4" x 4" square or 4 ½" diameter round and shall conform to 710.14. Steel post shall be nominal pipe size 2" I.D. and conform to AASHTO M 181. Hardware (plates, screws, bolts, etc.) shall be commercial galvanized steel. Post shall be set per 606.03 and in no instance encased in concrete. The mailbox shall be securely and neatly attached by the Contractor to the new support. The Contractor shall furnish all attachment hardware (nuts, bolts, plates, etc.) as necessary to complete the installation. In the absence of a new mailbox supplied by the owner, the Contractor shall salvage the existing box and place it on the new support. The Contractor shall be responsible for repairing or replacing any mailbox damaged by improper handling on his part, as determined and directed by the Engineer. Payment for the above work shall be made at the unit bid price for Item 202 Mailbox Removed and Reset.

<u>Item 407 – Tack Coat</u>

Item 407 Tack Coat shall be applied at a rate of 0.10 gallon per square yard as directed by the Engineer. The application of the tack coat shall be applied to the entire width of the roadway immediately prior to the paving operation. Tack Coat shall be placed prior to the surface course of asphalt. Payment for the work listed above shall be included in the bid price per Gallon for Item 407 Tack Coat.

Asphalt Concrete

All material furnished and work performed shall conform to the 2019 Ohio Department of Transportation Construction and Material Specifications (ODOT CMS) for Item 301 Asphalt Concrete Base, Item 441 Asphalt Concrete Intermediate Course, and Item 441 Asphalt Concrete Surface Course.

The Contractor shall supply the County Engineer with a weigh ticket for each load of material placed. Periodic asphalt samples will be obtained for test purposes and an independent testing laboratory will perform tests.

No material shall be placed upon collected water. Asphalt surfaces shall be clear of dirt and debris prior to the placing of each subsequent lift. The Contractor shall adhere to the judgment of the Warren County Engineer's designated representatives.

The Contractor's attention is directed to Section 401.14 of the ODOT Specifications and he is hereby instructed that requirements for preparation of asphalt pavement to be resurfaced will be adhered to, and cost of any and all cleaning is to be included in the unit price bid for Item 301 and Item 441.

<u>Butt Joints</u> - A butt joint shall be constructed by grinding/planing existing pavement at each start/stop location. All grinding/ planing shall be in accordance with Item 254 Pavement Planing. The butt joints shall be constructed by grinding/planing the existing pavement for a length of 6 feet, varying in depth from 2" to 0". The newly formed joint shall be properly installed so as to provide a smooth transition and shall also be properly sealed. The cost of constructing each butt joint by pavement planing/grinding shall be included and paid for in Item 441 Asphalt Concrete Surface Course.

Item 503 - Unclassified Excavation

The Contractor shall be responsible for all the equipment and labor necessary in the excavation, including anticipated rock, for the structure footings and headwall/wingwall footings as determined by the design drawings. Payment for the work listed above shall be included in the Lump Sum bid price for Item 503 Unclassified Excavation.

Item 503 - Cofferdams and Excavation Bracing

The Contractor shall furnish, put in place and maintain such piling, sheeting, bracing, etc., as is required by the Industrial Commission and the Department of Industrial Relations, State of Ohio, in their Bulletin No. 1C-3, "Specific Safety Requirements Relating to Building and Construction Work," as revised. The Contractor shall furnish, put in place, and maintain and remove such sheeting, shoring, planking and bracing as may be required to support the sides of the excavations and to prevent any movement which could in any way injure the work, human life or adjacent structures and property, obstruct surface drainage channels or waterways or otherwise injure or delay the work. If required at any time by the Engineer, the Contractor shall furnish and install such additional sheeting, shoring and bracing as may be necessary to protect the work but compliance with such orders or failure on the part of the Engineer to give such orders shall in no case release the Contractor from liability for any damages or injuries caused by weak or insufficient sheeting, shoring and bracing, nor from his responsibility to protect the work or adjacent property. Payment for the work listed above shall be included in the Lump Sum bid price for Item 503 Cofferdams and Excavation Bracing.

<u>Item 511 – Class QC 1 Concrete, Footing</u>

The Contractor shall be responsible for all the labor and material necessary in constructing the footings as detailed in the plans. Concrete shall meet all requirements of Item 511 Concrete for Structures. Concrete shall be Class "QC 1" (28 day compressive strength = 4000 psi). Contractor shall follow section 499.03 for concrete slump. Payment for the work listed above shall be included in the bid price per CY for Item 511 Class QC 1 Concrete, Footing.

<u>Item 512 – Type 2 Waterproofing</u>

The Contractor shall waterproof all three exposed exterior faces (both sides above the footings and top) of the culvert structure prior to backfilling and paving per Item 512 Type 2 Waterproofing, ODOT 512.08 and the General Note on Sheet 21. The fabric shall be placed with an overlap between rolls as specified by the manufacture. Payment for the work listed above shall be included in the bid price per SY for Item 512 Type 2 Waterproofing.

<u>Item 512 - Sealing of Concrete Surfaces (Epoxy Urethane)</u>

The Contractor shall seal all exposed portions of the concrete headwalls/wingwalls and five feet inside the interior of the culvert structure (top and sides) as detailed in the plans and directed by the Engineer with an epoxy urethane sealant after the concrete has cured. The sealing of concrete surfaces shall be in accordance with section 512.03. The Contractor shall take precautions to keep spillage and overspray from entering the stream. The color of the sealant shall be FED# 36492 (gray) or another approved color. Payment for the work listed above shall be included in the bid price per Lump Sum for Item 512 Sealing of Concrete Surfaces (Epoxy Urethane).

Value Engineering Change Proposals

The Warren County Engineer's Office may partner with the Contractor who has been awarded the contract by considering the Contractor's submission of a Value Engineering Change Proposal (VECP) which will reduce construction costs and possibly time on the project. Savings in construction costs and possibly time will be shared equally between the Contractor and the Warren County Engineer's Office. Acceptance of a VECP is at the sole discretion of the Engineer. If a VECP is acceptable by the Engineer, the Contractor shall submit at his own cost updated construction drawings that have been signed and stamped by a Professional Engineer licensed in the State of Ohio for review and approval. The Warren County Engineer's Office will provide electronic AutoCAD files of the project to the Contractor aiding in the creation of the updated construction drawings.

<u>Item 611 – Precast Reinforced Concrete Three Sided Flat Topped Culvert (706.051),</u> 20' Span x 10' Rise

The Contractor shall be responsible for all the precast design, bridge load rating, labor, and material necessary in constructing the Precast Reinforced Concrete Three Sided Flat Topped Culvert, per ASTM C 1504 and ODOT 706.051. All material furnished and work performed shall conform to the 2019 Ohio Department of Transportation Construction and Material Specifications for Item 611. The precast structure shall be designed to the AASHTO LRFD Bridge Design Specification and HL-93 Loading. Submit precast shop drawings and bridge load rating that have been signed and stamped by a Professional Engineer licensed in the State of Ohio to the Warren County Engineer, attention Roy G. Henson, 210 W. Main Street, Lebanon, Ohio 45036 (Roy.Henson@co.warren.oh.us) for review and approval. The bridge load rating shall be analyzed by the Load and Resistance Factor Rating (LRFR) method in accordance with the current AASHTO Manual for Bridge Evaluation and the ODOT Bridge Design Manual (BDM). The load rating report shall provide the safe load capacity for all vehicles and loadings shown on the current ODOT BR 100 Summary Report. The load rating report shall consist of a current completed ODOT BR 100 Summary Report, hand calculations, and computer input/output sheets. A corrosion inhibitor admixture per ODOT Specification 515.15 shall be added to the concrete mix at the dosage recommended by the manufacturer for the precast structure. The crane rental for unloading and placing the concrete culvert sections shall be the sole responsibility of the Contractor. The Contractor shall utilize pipe joint filler in the joints between the concrete culvert sections and a 12 inch external pipe joint wrap to properly seal all exterior vertical and top joints. The Contractor shall apply nonshrink mortar (705.22) to the top keyway joint, side/leg keyway joints, and the keyway area between the culvert sides/legs and the footing. The precast structure shall be backfilled with a compacted structural fill, Type 1 or Type 3, (limestone or gravel). The Contractor shall also be responsible for any additional fill beyond the structural fill limits as needed for positive drainage of the site due to the additional length of the new bridge. Payment for the work listed above shall be included in the bid price per FT for Item 611 Precast Reinforced Concrete Three Sided Flat Topped Culvert (706.051), 20' Span x 10' Rise, Type A.

Item 511 - Concrete Headwalls/Wingwalls, As Per Plan

The Contractor shall be responsible for all the design, labor, and material necessary in constructing the ODOT approved Precast Headwalls/Wingwalls. All material furnished and work performed shall conform to the 2019 Ohio Department of Transportation Construction and Material Specifications. A corrosion inhibitor admixture per ODOT Specification 515.15 shall be added to the concrete mix at the dosage recommended by the manufacturer for the precast headwalls/wingwalls. The headwalls/wingwalls shall be backfilled with a compacted structural fill, Type 1 or Type 3, (limestone or gravel). The Contractor shall design the concrete headwalls/wingwalls based on the Soil Boring Report prepared by Stantec on December 2, 2020, that is located at the end of the Technical Specifications. Submit precast design drawings that have been signed and stamped by a Professional Engineer licensed in the State of Ohio to the Warren County Engineer, attention Roy G. Henson, 210 W. Main Street, Lebanon, Ohio 45036 (Roy.Henson@co.warren.oh.us) for review and approval. The Contractor shall provide the necessary weep holes, drains, and preformed expansion joint filler as detailed in the approved design drawings. Payment for the work listed above shall be included in the Lump Sum bid price for Item 511 Concrete Headwalls/Wingwalls, As Per Plan.

<u>Item 611 – Warren County Water and Sewer Department Work</u>

The Contractor shall follow the detailed plan sheets W-1 through W-3 located at the end of the construction plan set for the construction of the water main work associated with the project. This work is eligible to receive state funding, so ODOT will make direct payments to the Contractor for a portion of this work. The water main has been designed to miss a 30 inch tree at approximately Sta. 5+25 left at the request of Erin Joy Brodie Morgan, property owner of 7003 Township Line Road.

Item 611 - Water Main

The Contractor is responsible for all labor, equipment and materials to provide water main installation. Item includes conduits, valves and boxes, clean outs, fittings, excavation and preparation of trenches including placing bedding and backfill, rock excavation, temporary protections and shoring of the existing aerial utilities, pumping and dewatering, providing all joints and restraining (blocking & anchors), bends, joining to existing mains, performing necessary testing (pressure, leakage, and disinfections), and restoration of any disturbed underground facilities.

If it appears that the existing or proposed water main will have less than 24" of clearance between an existing or proposed conduit/other utility, then the Warren County Water and Sewer Department shall be contacted. Clearances less than 24" but greater than 12" **may be acceptable** if trench is backfilled with Controlled Density Fill (CDF) / Low Strength Mortar (LSM). The cost associated with the CDF/LSM shall be included in the pertinent Item 611 bid item.

Item 614 - Maintaining Traffic

Traffic control shall be the sole responsibility of the Contractor. The County of Warren shall be held harmless from liabilities caused by improper traffic control by the Contractor. The contractor shall indemnify Warren County from any and all liabilities due to improper maintenance of traffic. All road construction signs shall also be the responsibility of the Contractor. All traffic control shall conform to the Ohio Manual of Uniform Traffic Control Devices (OMUTCD) as well as the Ohio Department of Transportation Standards at all times.

Any devices that are determined by the Engineer to be substandard shall be repaired to the satisfaction of the Engineer or shall be immediately removed from the site and replaced with acceptable devices. Any temporary traffic control devices that are determined by the Engineer to become substandard during the course of the project shall be removed from the jobsite and immediately replaced by devices meeting the approval of the Engineer.

The Contractor shall provide and maintain all signs, barricades, labor, flagmen, steel plates, etc. for all work on this project. The Contractor shall notify the Warren County Engineer two (2) weeks prior to any road closure. The Contractor shall provide a minimum of two (2) Type III Barricades on each end of the closed section of Township Line Road. The barricades shall be chain linked together and fixed to the ground or some other object overnight. The Contractor shall maintain access to all driveways in the work area for the duration of the project. The Contractor shall provide alternatives to garbage collection services and emergency rescue services for all residents within the closed portions of roadway during the road closures. Any conflicting markings shall be removed or covered in accordance with Item 614.

Two notice of road closure signs shall be erected by the Contractor two weeks in advance of the road closure. The signs shall be erected on the right hand side of the road facing traffic and shall be located in the field so as not to interfere with any permanent signs. The notice of closure signs shall be W20-H13-60 signs and shall state the following......TOWNSHIP LINE ROAD WILL BE CLOSED FOR 12 WEEKS STARTING (EXACT CLOSURE DATE).

Methods of maintaining traffic shall conform to the Manual of Uniform Traffic Control Devices and Item 614 of the ODOT Specifications. Payment for the work listed above shall be included in the Lump Sum price bid for Item 614 Maintaining Traffic.

Item 623 - Construction Layout Stakes and Surveying

All centerline of survey and property corner monumentation that is disturbed during construction shall be reset by a Professional Surveyor. Payment for the construction layout and work listed above shall be included in the Lump Sum bid price for Item 623 Construction Layout Stakes.

Item 832 – Erosion Control

The Contractor shall furnish and install temporary sediment and erosion control best management practices required prior to any earth disturbing activity in accordance with Supplemental Specification 832. All pollution prevention measures must be maintained for the

duration of construction. The Contractor shall remove all best management practices before the project is accepted. Payment for this work shall be included in the bid price per Each for Item 832 Erosion Control. This price is standard for all bidders, set at \$1.00 Each for a total of \$5,000.00.

December 2, 2020 File: 175538108

Attention: Daniel W. Springer, PE, PMP

LJB Inc.

2500 Newmark Drive Miamisburg, Ohio 45342

Reference: Report of Geotechnical Exploration

CR 134 over Newman Run (WAR-CR134-0376) Bridge Replacement

Warren County, Ohio

Dear Mr. Springer,

Stantec Consulting Services Inc. (Stantec) has completed the geotechnical exploration report for the replacement of Township Line Road (CR134-3.76) Bridge over Newman Run in Warren County, Ohio. The enclosed report contains a brief description of the site, geologic conditions encountered, the scope of work performed, and geotechnical recommendations for the proposed bridge replacement.

Regards,

Stantec Consulting Services Inc.

James Samples EIT

Project Engineer in Training

James a Samples

Phone: (513) 842-8204

James.Samples@stantec.com

Attachment: Report of Geotechnical Exploration

Eric Kistner PE

Geotechnical Project Manager

M Kist

Phone: (513) 842-8213 Eric.Kistner@stantec.com



Report of Geotechnical Exploration

CR 134 over Newman Run (WAR-CR134-0376) Bridge Replacement

Warren County, Ohio

December 2, 2020

Prepared for:

LJB Inc.

Prepared by:

Stantec Consulting Services Inc. Cincinnati, Ohio

Table of Contents

EXEC	UTIVE SUMMARY	. 1
1.0	INTRODUCTION	. 2
2.0	SITE GEOLOGY	. 3
3.0	EXPLORATION	. 4
4.0	RESULTS	. 4
5.0	ANALYSES AND RECOMMENDATIONS	. 5
5.1	GENERAL	. 5
	CULVERT AND HEADWALL FOUNDATIONS	
	LATERAL EARTH PRESSURE	
LIST (OF TABLES	
Table	1. Boring Summary	. 4
Table	2. Lateral Earth Pressure Parameters	. 6
LIST	OF FIGURES	
Figure	1. Site Vicinity	. 2

LIST OF APPENDICES

Appendix A. Boring Location Plan

Appendix B. Boring Logs and Rock Core Photographs

Appendix C. Results of Laboratory Testing

Appendix D. Bearing Capacity Analysis

Executive Summary

The Warren County Engineer's Office is planning a bridge replacement on Township Line Road (CR 134) approximately 3,300 feet south of its intersection with State Route 73. CR 134 is aligned on the border of Clear Creek Township on the west and Wayne Township on the east. The existing stone masonry culvert over Newman Run will be replaced with a precast reinforced concrete box culvert with cast-in-place headwalls. Stantec Consulting Services Inc. (Stantec) has been contracted by LJB Inc. to perform a geotechnical exploration for the project and provide recommendations for the design and construction of the culvert foundation.

Stantec advanced two soil borings to provide geotechnical data for the foundation design of the bridge replacement. The subsurface profile consisted of soils that classified as sandy lean clay and clayey gravel with sand. Bedrock described as limestone interbedded with shale was encountered at depths ranging from 9.0 to 12.5 feet and at elevations ranging from 885 to 892 feet.

It is recommended that the culvert be supported by spread footings bearing upon the interbedded limestone and shale at an elevation of 885 feet or below. It is anticipated that rock excavation will be required to reach bearing elevation. Equipment capable of excavating hard rock will be required due to the limestone encountered at the site. The recommended nominal bearing resistance at strength limit state is 60 kips per square foot. A resistance factor of 0.45 is recommended resulting in a factored bearing resistance of 27 kips per square foot. The recommended bearing resistance at service limit state (resistance factor of 1.0) is 20 kips per square foot. Head walls and sheeting and shoring systems should be designed to withstand the development of lateral earth pressures and hydrostatic pressures.

1.0 INTRODUCTION

The Warren County Engineer's Office is planning a culvert replacement on Township Line Road (CR 134) approximately 3,300 feet south of its intersection with State Route 73. CR 134 is aligned on the border of Clear Creek Township (on the west) and Wayne Township (on the east). The existing stone masonry culvert over Newman's Run will be replaced with a precast reinforced concrete box culvert with cast-in-place headwalls. Stantec Consulting Services Inc. (Stantec) has been contracted by LJB Inc. to perform a geotechnical exploration for the project and provide recommendations for the design and construction of the culvert foundation. Figure 1 shows the site vicinity.



Figure 1. Site Vicinity (Portion of ODOT Transportation Information Mapping System (TIMS), 2020)

2.0 SITE GEOLOGY

The Physiographic Regions of Ohio Map (Ohio Department of Natural Resources (ODNR), 1998) indicates that the project site is located within the Southern Ohio Loam Till Plain physiographic region. The region is characterized by a surface of loamy till underlain by end and recessional moraines. The moraines are commonly associated with boulder belts that are between relatively flat-laying ground moraine cut by step-valleyed large streams. This region also contains stream valleys filled with outwash and alternates between broad floodplains and narrows. Buried valleys are common. The geology of the Southern Ohio Loam Till Plain is described as loamy, high-lime Wisconsinan-age till, outwash, and loess over Lower Paleozoic-age carbonate rocks with shales in the eastern part of the plain. The region has moderate relief (generally 200 feet) with elevations of 530 to 1,150 feet.

According to the <u>Quaternary Geology of Ohio</u> map (ODNR, 1999), the project site is underlain by a flat to gently undulating ground moraine originating in the late Wisconsinan age. The soil survey (<u>Web Soil Survey of Warren County, Ohio</u>, United States Department of Agriculture (USDA), 2020) indicates that the north portion of the project site is underlain primarily by soils from the Eden complex. The typical profile of the Eden complex is zero to six inches of silt loam, six to 20 inches of clay, and 20 to 26 inches of weathered bedrock. The soils are well drained with a very low to moderately high capacity to transmit water. The southern portion of the project site is underlain primarily by Genesse loam. The typical profile for Genesse loam is zero to 24 inches on loam followed by 24 to 60 inches of stratified loam to sandy loam to silt loam. The soils are well drained with a moderately high to high capacity to transmit water.

Bedrock mapping (Bedrock Geology of the Springboro, Ohio Quadrangle [ODNR, 1999]) and Descriptions of Geologic Map Units (ODNR, 2011) indicates that the overburden soils at the project site are underlain primarily by sedimentary bedrock from the Drakes, Whitewater, and Liberty Formations (undivided) from the Ordovician age. The Drakes Formation consists primarily of shale (90%) interbedded with limestone or dolomite (10%), gray to maroon in color, weathering yellowish gray, planar to irregular, thin to thick-bedded, and between 20 to 30 feet thick. The Whitewater Formation consists primarily of limestone (60%) interbedded with shale (40%), gray and weathering yellowish gray, irregular to wavy, thin to medium bedded, and between 20 to 80 feet thick. The Liberty Formation consists primarily of limestone (50%) interbedded with shale (50%), gray weathering yellowish gray, planar to irregular, thin to medium bedded, and between 20 to 40 feet thick.

According to the Mineral Resources Online Spatial Data (USGS, 2020), there is an open pit mine or quarry approximately 2 miles southwest of the project site. The <u>Ohio Karst Areas</u> map (ODNR, 2009) indicates there are no probable karst areas in Warren County.

A review of the seismic data available in the project vicinity included the earthquake database developed by the USGS Survey. The review was performed using the internet mapping service (rev. 2020) at the following website: https://earthquake.usgs.gov/earthquakes/map. Overall, Ohio has a relatively limited amount of seismic activity. Within a 20-mile radius of the project, there have been zero earthquake epicenters. The available data reviewed included events that occurred from 1900 to present day.

3.0 EXPLORATION

Two borings were advanced for this project to obtain geotechnical data for the proposed culvert replacement. One was completed in the northbound shoulder and the second was completed on the southbound shoulder of Township Line Road. A summary of these borings is shown in Table 1. Boring locations are shown on the site plan in Appendix A.

Boring No.	Station (feet)	Offset (feet)	Ground Surface Elevation (feet)	Bottom of Boring Elevation (feet)
B-1	3+56.8	10.2 Rt.	897.3	871.1
B-2	4+52.7	10.8 Lt.	901.0	876.1

Table 1. Boring Summary

The borings were advanced with a CME 45 truck-mounted drill rig using 3½-inch inside diameter (ID) hollow stem augers to advance the borings through soil. Standard Penetration Test (SPT) sampling was performed at 2.5-foot intervals until bedrock was encountered below the existing road surface. The energy ratio (ER) of the automatic hammer and drill rod system was measured to be 88.4 percent on April 24, 2018. Upon encountering bedrock, rock coring was performed using NQ-size wireline equipment. Approximately 13 to 16 feet of rock core was obtained from the borings.

The materials encountered were logged by a geotechnical engineer, with particular attention given to soil type, consistency, and moisture content. The borings were checked for the presence of groundwater during drilling and at its conclusion with the depth of water recorded. The boreholes were backfilled/sealed with bentonite chips mixed with soil cuttings and topped with asphalt cold patch.

The soil samples obtained from the borings were returned to a geotechnical laboratory for visual classification and tested for water content. Engineering classification testing was performed on samples reflecting each of the main soil horizons. The engineering classification tests conducted on the samples were sieve and hydrometer analysis (ASTM D 422) and Atterberg limits (ASTM D 4318). The samples were classified according to the United Soil Classification System (USCS) and the American Association of State Highway and Transportation Officials (AASHTO) method. One soil sample was subjected to unconfined compressive strength testing of soil (UCS, ASTM D 2166). Two rock core samples were subjected to uniaxial compressive testing of rock (UCR, ASTM D 7021, Method C).

4.0 RESULTS

The surface materials encountered consisted 8 inches of asphalt pavement in both borings. Below the roadway in B-1, yellowish brown sandy lean clay was encountered to a depth of 12.5 feet. The clay was described as medium stiff

to stiff in consistency and damp in natural moisture content. SPT N-values ranged from 4 to 7 blows per foot and natural moisture contents varied from 15 to 22 percent. Representative samples of this soil classified as CL according to the USCS and as A-6 based on the AASHTO method. Liquid limits of 34 and 33 and plasticity indices of 17 and 15 were measured on the samples. One soil unconfined compressive strength test yielded a result of 0.34 tons per square foot. The average unit weight of the soil was 121.4 pounds per cubic foot.

In B-2, light brown clayey gravel with sand was encountered to a depth of 9 feet. The clayey gravel was described as medium dense to dense and damp. SPT N-values of 15 and 25 and natural moisture contents of 11 and 13 percent were recorded within this horizon. A sample of this soil classified as GC and A-2-6 according to the USCS and AASHTO methods, respectively. A liquid limit of 30 and a plasticity index of 13 were determined for this sample.

In both borings, interbedded limestone and shale bedrock was encountered at depths of 12.5 feet (Elevation 884.8 feet) in B-1 and at a depth of 9.0 feet (Elevation 892.0 feet) in B-2. The bedrock was described as 70 to 80 percent limestone interbedded with 20 to 30 percent shale. The limestone was described as light brown to gray, moderately to highly weathered, moderately to highly fractured, and argillaceous. The shale was described as brown to dark gray, highly weathered, and moderately fractured, and argillaceous. Two rock compression tests conducted on samples from B-2 resulted in strengths of 3,670 and 7,200 pounds per square inch.

Groundwater was not encountered during drilling; however, this may be obscured during the addition of water during rock coring. Groundwater is likely present within the bedrock. Boring logs and photographs of the rock core are presented in Appendix B. Results of laboratory testing is provided in Appendix C.

5.0 ANALYSES AND RECOMMENDATIONS

5.1 GENERAL

The recommendations that follow are based on the information discussed in this report and the interpretation of the subsurface conditions encountered at the site during our fieldwork. If future design changes are made, Stantec should be notified so that such changes can be reviewed, and the recommendations amended as necessary.

These conclusions and recommendations are based on data and subsurface conditions from the borings advanced during this exploration using the degree of care and skill ordinarily exercised under similar circumstances by competent members of the engineering profession. No warranties can be made regarding the continuity of conditions.

5.2 CULVERT AND HEADWALL FOUNDATIONS

It is recommended that the culvert and headwalls be supported by spread footings bearing upon the interbedded limestone and shale described in Section 4.0 at an elevation of 885 feet or below. The bearing resistance was estimated by following the guidelines in the AASHTO LRFD Article 10.6.3.2 using the rock mass rating (RMR) system. An RMR of 32 was determined for the interbedded limestone and shale, categorizing the rock as "poor rock". The bearing resistance was estimated based on this RMR value and using the conventional bearing capacity

equation for soil, but assuming a cohesion of 0.104 times the RMR and a friction angle of 5 plus 0.5 times the RMR. Using this methodology, the recommended nominal bearing resistance at strength limit state is 60 kips per square foot. A resistance factor of 0.45 is recommended resulting in a factored bearing resistance of 27 kips per square foot. The recommended bearing resistance at service limit state (resistance factor of 1.0) is 20 kips per square foot based on Table C10.6.2.6.1-1 in the AASHTO LRFD manual for weathered rock of any kind or argillaceous rock in sound condition. The bearing capacity analysis is presented in Appendix D.

It is anticipated that rock excavation will be required to reach bearing elevation. Equipment capable of excavating hard rock will be required due to the limestone encountered at the site.

5.3 LATERAL EARTH PRESSURE

Head walls and sheeting and shoring systems should be designed to withstand the development of lateral earth pressures and hydrostatic pressures. The magnitude of such pressures varies on the basis of soil type, permissible wall movement and configuration of backfill. Table 2 provides the lateral earth pressure parameters for on-site cohesive soil, an assumed embankment fill material consisting of lean clay, and select granular backfill.

Table 2. Lateral Earth Pressure Parameters

Soil Parameter	Soil at Project Site	Embankment Fill Material (Assumed to be Lean Clay)	Select Granular Backfill
Drained Friction Angle (degrees)	28	28	32
Unit Weight (pcf)			
Moist	125	125	135
Buoyant	63	63	73
Earth Pressure Coefficient			
Active Case (K _A)	0.36	0.36	0.31
Passive Case (K _P)	2.77	2.77	3.25
At-Rest Case (K ₀)	0.53	0.53	0.47
Equivalent Fluid Unit Weights (pcf)			
Active Case	45	45	42
Passive Case	346	346	438
At-Rest Case	66	66	63

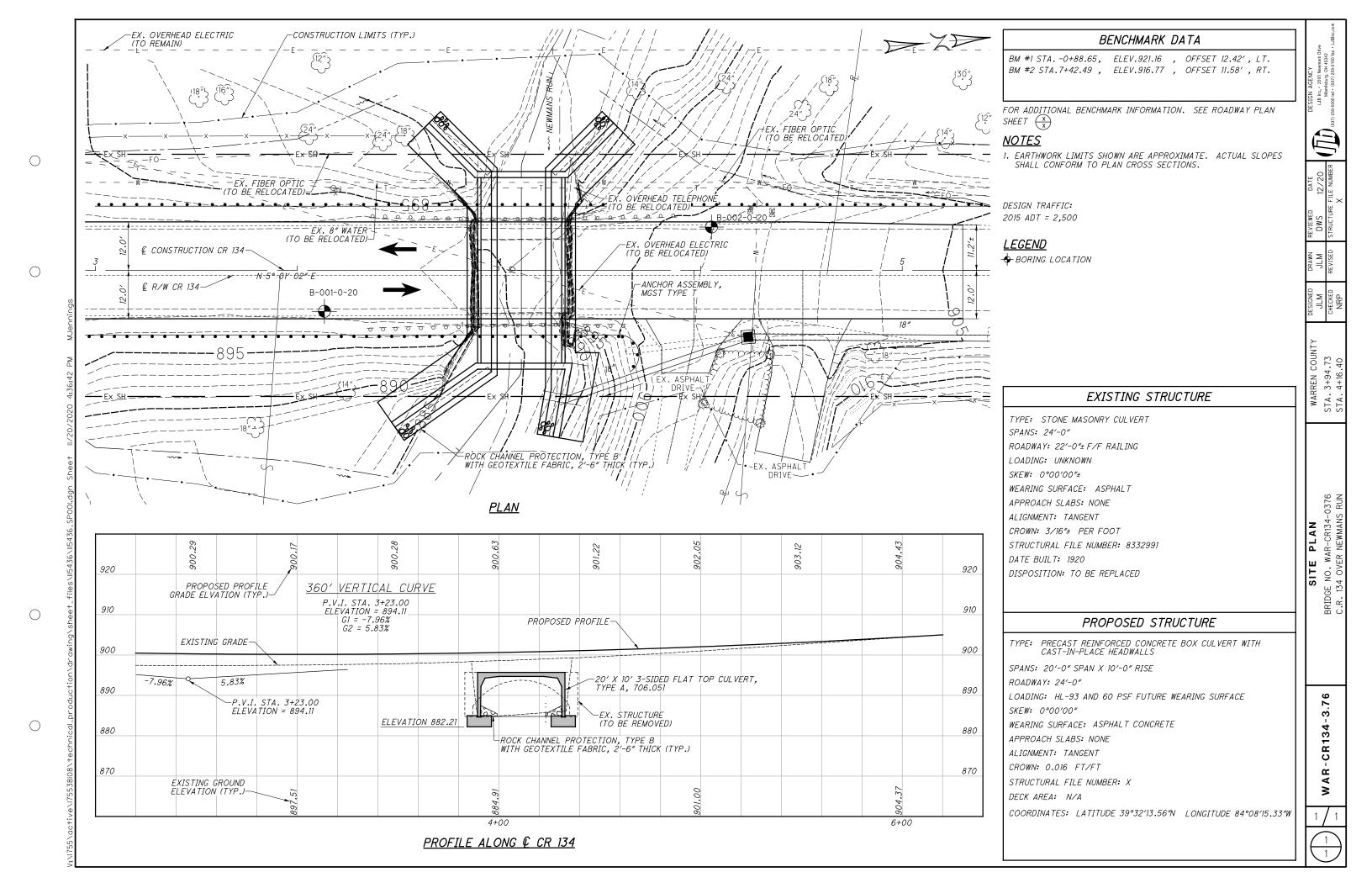
To reduce lateral earth pressures applied to the retaining structures due to hydrostatic buildup, free-drainage should be provided in accordance with ODOT Item 518. Placement of the granular backfill should be in accordance with ODOT Item 518.05 "Porous Backfill". Positive drainage of the granular backfill using weepholes or pipe drains is necessary to minimize the hydrostatic pressures against the structures. Providing positive drainage out of the backfill will allow the use of the design parameters associated with the "drained" condition. If selected walls are capable of deflecting a distance of approximately 0.1 percent of the wall height, then an "active" condition could be used for design. If not, the "at-rest" condition should be used for design.

Backfill comprised of cohesive soils and granular soils with significant clay content (greater than 15 percent passing the No. 200 sieve) can result in high magnitudes of lateral loads due to creep and swelling pressures. These materials are not recommended for use as backfill. It is recommended that a backfill material comprised of free-draining granular material, such as specified under ODOT Item 518.03, be used. The backfill material should be coarse angular gravel with a gradation equivalent to No. 57 aggregate, as specified under ODOT Item 703, Table 703.01-1.

Backfill should be compacted in accordance with ODOT Item 203.07 "Compaction and Moisture Requirements". Overcompaction in areas directly behind structures should be avoided as this can cause damage. Appropriate equipment should be used to obtain the required compaction without causing damage.

APPENDIX A

Boring Location Plan



APPENDIX B

Boring Logs and Rock Core Photographs



Page: 1 of 2

										Sta	antec	Bor	ing	No.	B-1			_
Clie	ent	LJB				Bori	ng Locat	ion <u></u>	564,0	034.9	9 N;	1,50	6,83	32.3	E			
Pro	ject Nur	mber 175538108				Surf	ace Elev	ation §	897.	3 ft	E	eva	tion	Datı	um_l	VAV	D 8	88
Pro	ject Nar	ne Township Line Rd Bridge				Date	e Started		5/12/	/20	С	omp	lete	d		5/12/20		
Pro	ject Loc	ation_Warren Co, Ohio				Dep	th to Wa	te <u>r</u> I	N/A		D	ate/	Time	e	ı	N/A		
Ins	pector	James Samples				Dep	th to Wa	ter I	N/A		D	ate/	Γime	e	I	N/A		
Dri	ller	Kent Clements				Drill	Rig Typ	e and	ID C	ME 4	- 45 Tı	uck	(81	2)				
Ov	overburden Drilling and Sampling Tools (Type and Size) 3.25 HSA, 2 Split Spoon w/o liners, 1 Shelby tube																	
Ro	ck Drillin	g and Sampling Tools (Type and	l Size) NC	 22 R	ock C	ore Bit											
Sai	mpler Ha	ammer Type Automatic We	eight	14	0 lb	D	rop 30	in		Effic	ienc	у	88	% (4	۷vg.))		_
Boi	rehole A	zimuth N/A (Vertical)			Е	— Boreho	ole Inclina	ation (f	- rom	Vert	ical)	_	Ve	rtica	I			_
	£		F			SAMPLI	 ES				UND	RAINE) SHE	AR STR	ENGTH	- tsf		_
(#)	ELEVATION(ft)		PLOT		~	≿	\ 	WELL			1		2		3		4 —+	
DEPTH(ft)	VAT	SOIL/ROCK DESCRIPTION	STRATA	TYPE	NUMBER	RECOVERY	S.(ps	N W	WAT	ER CC	NTEN	Г & АТ	TERE	BERG I	LIMITS	W _E	-	W W _I
Δ	E.E.		STR	F	ğ	REC	BLOWS / RESS.(psi RQD (%)	MONITOR	Poc	ket Pe	enetro	meter	/Tor	/ane ((tsf)			*
	007.0	STA 3+56.8 10.2' RT.				ft	<u> </u>	A			PENE		ION T 40	EST, E 50	BLOW:	5/F00 70	T 80	90
- 0	897.3 896.6	Asphalt							<u>'</u>			,	T:::					
- 1 -	Yellowish brown, medium stiff to stiff sandy lean clay, trace gravel, damp																	
- 2 -		UC from 2.8 ft. to 3.3 ft. = 0.34 tsf		7									A					
- 3 -		0.0 T 617		/ / ST	1	1.9												
- 4 -																		
- 5				SPT	1	0.8	2-3-4		*	- Old								
- 6 -				ļ.,	<u>'</u>	0.0	204											
- / -									*	a l		-1						
- 8				SPT	2	0.0	4-2-4		•									
- 9 -10-									1									
-10 -11-				SPT	3	1.2	2-2-2				0							
_ ' ' -12-	0040																	
-13-	884.8	Interbeddded limestone (70%) and		SPT	4	0.1	50/0.1		:0::	:::::	:::::	: : : :						
-14-		shale (30%), argillaceous:	臣	RC	1	2.0	0			: : : :	: : : :	: : : :						
- ' '- -15		Limestone: gray, moderately to highly weathered, moderately to highly	出		'	2.0			::::			::::						
-16		fractured	井															
- 17-		Shale: brown to dark gray, highly weathered, moderately fractured	甘															
- -18-		weathered, moderately fractured	井	RC	2	2.3	0											
- -19-			日		_	2.0												
- -20-																		
- -21			井															
- -22			H									<u> </u>					<u>:: </u>	



Page: 2 of 2

									Stantec Boring No. B-1
Clie	ent	LJB				Bori	ing Locat	ion	564,034.9 N; 1,506,832.3 E
Pro	ject Nur	nber 175538108				Surf	face Elev	ation §	897.3 ft Elevation Datum_NAVD 88
DEPTH(ft)	ELEVATION(ft)	SOIL/ROCK DESCRIPTION	STRATA PLOT	TYPE	NUMBER	RECOVERY ITAMES	BLOWS / PRESS.(psi) / RQD (%)	MONITOR WELL / PIEZOMETER	UNDRAINED SHEAR STRENGTH - tsf 1 2 3 4 1 2 3 4 WATER CONTENT & ATTERBERG LIMITS Pocket Penetrometer/Torvane (tsf) STANDARD PENETRATION TEST, BLOWS/FOOT
5						ft		2	10 20 30 40 50 60 70 80 90
-22 -23 -24 -25	871.7			RC	3	4.8	48		
-26 -27-		Boring terminated and backfilled encountered. Boring performed	on sh	bentoi ouldei	r of 7	cnips, Towns	hip Line	and a Rd.	sprialit patcri. No groundwater
-21 -28-									
_20 -29									
- -30									
-31									
-32									
-33									
-34 -									
-35 -36									
_ -37									
- -38									
-39									
-40									
-41 -									
-42 -									
-43 -44									
-44 -45									
46									
- -47									
- -48-									
-49									
-50									
-51-									
-52									<u> </u>



Page: 1 of 2

									Star	ntec Bo	oring	y No.	B-2			
Clie	ent	LJB				Bori	ng Locat	ion (564,132.3	N; 1,5	06,8	319.9	E			
Pro	Project Number 175538108					Surf	ace Elev	ation 9	901.0 ft	Elev	atior	n Datı	ım N	AVE	88 (
Pro	ject Nar	ne Township Line Rd Bridge				Date	e Started		5/12/20	Com	plet	ed	5/	/12/2	20	
Pro	ject Loc	ation_ Warren Co, Ohio				Dep	th to Wa	ter I	N/A	Date	/Tim	ne	Ν	/A		
Ins	pector	James Samples				Dep	th to Wa	ter I	N/A	Date	/Tim	ne	N	/A		
Dri	ller	Kent Clements				Drill	Rig Type	e and	ID CME 45	5 Truc	k (8	12)				
Ov	erburder	n Drilling and Sampling Tools (Ty	/pe ar	nd Siz	e) (3.25 H	SA, 2 Sp	olit Spo	oon w/o lin	ers, 1	She	lby tu	be			
Ro	ck Drillin	g and Sampling Tools (Type and	d Size) NC	 22 R	ock C	ore Bit									
Sa	mpler Ha	ammer Type Automatic We	eight	14	0 lb	D	rop 30 i	in	Efficie	ency	88	3 % (<i>F</i>	Avg.)			
Во	rehole A	zimuth N/A (Vertical)			Е	 Boreho	ole Inclina	ation (f	rom Vertic	al)	V	ertica				
	£		Ŀ		•	SAMPLE	ES	,		UNDRAIN	IED SH	EAR STR	ENGTH -	tsf		A
Œ))NOI		PLOT		œ	≿) (ii)	ELL ER	1		2 ———		3		4	
DEPTH(ft)	ELEVATION(ft)	SOIL/ROCK DESCRIPTION	STRATA	TYPE	NUMBER	RECOVERY	BLOWS / PRESS.(psi) RQD (%)	ONITOR WELL PIEZOMETER	WATER CON	TENT & A	ATTEF	RBERG L	IMITS	WP	W 	₩ _L
	EL		STE	-	3	REC	BL RG RQ	PIEZ	Pocket Pen							*
	901.0	STA 4+52.7 10.8' LT.				ft		M	STANDARD F	PENETRA 30	ATION 40	TEST, E	BLOWS/ 60	/FООТ 70	80	90
- 0 -	900.3	Asphalt	K										Ĭ			
- 1 -		Light brown, medium dense to dense clayey gravel with sand, damp														
- 2 -		, , ,		/ ST	1	0.0										
- 3 - - 1				SPT	1	0.8	8-5-10									
- - -																
- 6 -				SPT	2	1.0	8-10-15			•						
-														<u> </u>		
- 8				SPT	3	1.3	19-31-32		:::O:::		*				1 1 2	N :
- 9	892.0	Interbedded limestone (70-80%) and				0.2	0						•	<u> </u>		
-10-		shale (20-30%), argillaceous:	井	RC	1	0.2	0									
-11-		Limestone: light brown to gray, moderately to highly weathered,	Ħ												: ::	
-12-		moderately to slightly fractured		RC	2	4.7	66								: ::	
-13		Shale: brown to dark gray, highly weathered, moderately fractured	井													
-14 -		weatherea, moderatory madured	Ħ													
-15 -																
-16-		UCR from 16.9 ft. to 17.3 ft. = 7,200	井													
-17 - -18-		psi	Ħ	RC	3	5.0	76									
-10 -19																
-20																
_20 -21-			Ħ													
_ - - 22			H													



Page: 2 of 2

									Stantec Boring No. B-2
Clie	ent	LJB				Bori	ng Locat	ion	564,132.3 N; 1,506,819.9 E
Pro	ject Nur	nber 175538108				Surf	ace Elev	ation 9	901.0 ft Elevation Datum NAVD 88
DEPTH(ft)	ELEVATION(ft)	SOIL/ROCK DESCRIPTION	STRATA PLOT	TYPE	NUMBER	RECOVERY BITAMPS	BLOWS / PRESS.(psi) / RQD (%)	MONITOR WELL / PIEZOMETER	UNDRAINED SHEAR STRENGTH - tsf 1 2 3 4 1 2 3 4 WATER CONTENT & ATTERBERG LIMITS Pocket Penetrometer/Torvane (tsf) STANDARD PENETRATION TEST, BLOWS/FOOT
22						ft		Δ	10 20 30 40 50 60 70 80 90
-22 -23 -24 -25 -26	876.1	UCR from 22.3 ft. to 22.7 ft. = 3,670 psi Boring terminated and backfilled encountered. Boring performed of	with i	RC bentoi	4 nite	5.0 chips,	54 cuttings,	and a	sphalt patch. No groundwater
-20 -27		onecamenca. Zemig periemica c	0	<i>3</i>	0				E_1
- -29									
-30									
-31									
-32									
-33-									
-34									
-35-									
-36 -37-									
_38 -38									
-39-									
40									
- -41									
-42									
_43									
-44- -									
-45-									
-46 -47									
-47 -48									
-49									
-50									
- -51-									
-52									
_									





Figure 1 Rock Core from B-1



Figure 2 Rock Core from B-2

APPENDIX C

Results of Laboratory Testing



Summary of Soil Tests

	vnship Line I , 5.0'-6.5', 7.		Project Number 175538108
mple Type SP1	Γ Composite		Date Received 5-15-20
imple Type <u>of</u>	Composite	·	Date Reported 5-26-20
			Test Results
<u>Natural</u>	Moisture Co	ontent	Atterberg Limits
Test Method: AS	STM D 2216		Test Method: ASTM D 4318 Method A
Moisture C	Content (%):	15.8	Prepared: Dry
			Liquid Limit: 34
			Plastic Limit: 17
<u>Particl</u>	e Size Anal	<u>ysis</u>	Plasticity Index: 17
Preparation Met			Activity Index: 0.7
Gradation Metho			
Hydrometer Met	hod: ASTM	D 422	
		1	Moisture-Density Relationship
Particle	Size	%	Test Not Performed
Sieve Size	(mm)	Passing	Maximum Dry Density (lb/ft ³): N/A
	N/A		Maximum Dry Density (kg/m³): N/A
	N/A		Optimum Moisture Content (%): N/A
	N/A		Over Size Correction %: N/A
	N/A	 	Over Size Correction 76.
3/4"	19	100.0	L
3/8"	9.5	97.3	California Bearing Ratio
No. 4	4.75	92.9	Test Not Performed
No. 10	2	79.4	Bearing Ratio (%): N/A
No. 40	0.425	70.4	Compacted Dry Density (lb/ft³): N/A
No. 200	0.425	56.7	Compacted Moisture Content (%): N/A
140. 200	0.073	43.2	Odmpacica Moistare Odment (70).
-	0.005	30.8	
<u> </u>	0.002	25.4	Specific Gravity
estimated	0.001	22.4	Estimated Estimated
	0.00.		
Plus 3 in. materi	al, not includ	led: 0 (%)	Particle Size: No. 10
			Specific Gravity at 20° Celsius: 2.70
Ī	ASTM	AASHTO	
Range	(%)	(%)	
Gravel	7.1	20.6	Classification
Coarse Sand	13.5	9.0	Unified Group Symbol: CL
Medium Sand	9.0		Group Name: Sandy lean cla
Fine Sand	13.7	13.7	
i ilio Garia	25.9	31.3	
Silt			AASHTO Classification: A-6 (7)



Project Name	Township Line Rd Bridge	Project Number	175538108
Source	B-1, 5.0'-6.5', 7.5'-9.0'	Lab ID	1

Sieve analysis for the Portion Coarser than the No. 10 Sieve

Test Method	ASTM D 422	
Prepared using	ASTM D 421	

Particle Shape Angular
Particle Hardness: Hard and Durable

Tested By JP
Test Date 05-19-2020
Date Received 05-15-2020

Maximum Particle size: 3/4" Sieve

Sieve Size	% Passing
3/4"	100.0
3/8"	97.3
No. 4	92.9
No. 10	79.4

Analysis for the portion Finer than the No. 10 Sieve

Analysis Based on -3 inch fraction only

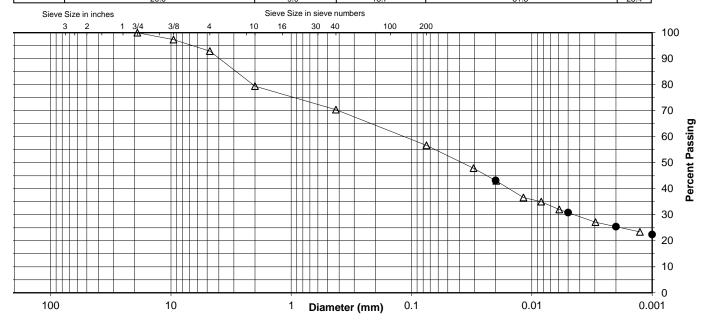
Specific Gravity 2.7

Dispersed using Apparatus A - Mechanical, for 1 minute

No. 40	70.4
No. 200	56.7
0.02 mm	43.2
0.005 mm	30.8
0.002 mm	25.4
0.001 mm	22.4

Particle Size Distribution

ASTM	Coarse Gravel	Fine Gravel	C. Sand	Medium Sand	Fine Sand	Silt	Clay	/
ASTIVI	0.0	7.1	13.5	9.0	13.7	25.9	30.8	3
AACUTO		Gravel		Coarse Sand	Fine Sand	Silt		Clay
AASHTO		20.6		9.0	13.7	31.3		25.4







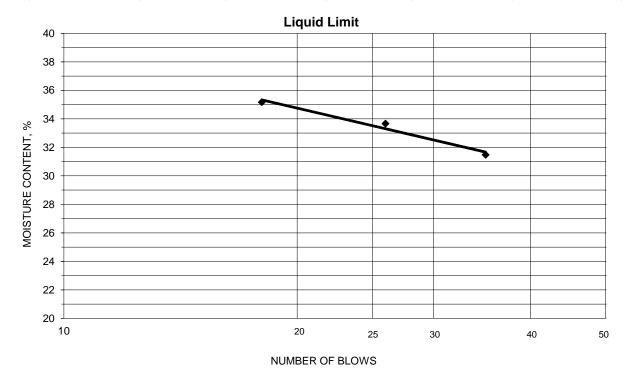
 Project Source
 Township Line Rd Bridge
 Project No.
 175538108

 B-1, 5.0'-6.5', 7.5'-9.0'
 Lab ID
 1

 Tested By
 JP
 Test Method ASTM D 4318 Method A
 Date Received
 05-15-2020

Test Date 05-20-2020 Prepared Dry

Wet Soil and Tare Mass (g)	Dry Soil and Tare Mass (g)	Tare Mass (g)	Number of Blows	Water Content (%)	Liquid Limit
24.50	21.18	10.63	35	31.5	
24.59	21.17	11.01	26	33.7	
25.02	21.39	11.07	18	35.2	34



PLASTIC LIMIT AND PLASTICITY INDEX

Wet Soil and Tare Mass	Dry Soil and Tare Mass	Tare Mass	Water Content		
(g)	(g)	(g)	(%)	Plastic Limit	Plasticity Index
17.76	16.77	11.06	17.3	17	17
17.30	16.39	11.06	17.1		

Remarks:	_	DEI
	Reviewed By	FEL



Summary of Soil Tests

roject Name <u>T</u>		Rd Bridge	Project Number 175538108
ource <u>E</u>	3-1, 10.0'-11.5'		Lab ID
ample Type S	SPT		Date Received 5-15-20
ample Type S	DE I		Date Reported 5-26-20
			Date Reported 3-20-20
			Test Results
<u>Natur</u>	al Moisture Co	ntent	Atterberg Limits
	ASTM D 2216		Test Method: ASTM D 4318 Method A
Moistur	e Content (%):	22.1	Prepared: Dry
			Liquid Limit: 33
			Plastic Limit: 18
	ticle Size Anal		Plasticity Index: 15
	lethod: ASTM [Activity Index: 0.7
	thod: ASTM D		
Hydrometer M	lethod: ASTM I) 422	Maladam B. M. D. L.C.
Portic	ele Size	%	Moisture-Density Relationship Test Not Performed
		1	
Sieve Size	(mm)	Passing	Maximum Dry Density (lb/ft³): N/A
	N/A		Maximum Dry Density (kg/m³): N/A
	N/A		Optimum Moisture Content (%): N/A
	N/A		Over Size Correction %: N/A
	N/A		
3/4"	19	100.0	
3/8"	9.5	89.1	California Bearing Ratio
No. 4	4.75	85.0	Test Not Performed
No. 10	2	79.1	Bearing Ratio (%): N/A
No. 40	0.425	68.5	Compacted Dry Density (lb/ft ³): N/A
No. 200	0.075	56.6	Compacted Moisture Content (%): N/A
	0.02	39.5	
	0.005	27.9	
	0.002	22.0	Specific Gravity
estimated	0.001	19.0	Estimated
Plus 3 in mat	erial, not includ	ed: 0 (%)	Particle Size: No. 10
i ius o iii. iiiat	onai, not moluu	Ou. 0 (70)	Specific Gravity at 20° Celsius: 2.70
	ASTM	AASHTO	
Range	(%)	(%)	
Gravel	15.0	20.9	Classification
Coarse Sand	d 5.9	10.6	Unified Group Symbol: CL
Medium San	d 10.6		Group Name: Sandy lean clay
Fine Sand	11.9	11.9	
Silt	28.7	34.6	
Clay	27.9	22.0	AASHTO Classification: A-6 (6)
	-		



Project Name	Township Line Rd Bridge	Project Number	175538108
Source	B-1, 10.0'-11.5'	Lab ID	4

Sieve analysis for the Portion Coarser than the No. 10 Sieve

Test Method	ASTM D 422
Prepared using	ASTM D 421

Particle Shape Angular
Particle Hardness: Hard and Durable

Tested By JR
Test Date 05-19-2020
Date Received 05-15-2020

Maximum Particle size: 3/4" Sieve

Sieve Size	% Passing
3/4"	100.0
3/8"	89.1
No. 4	85.0
No. 10	79.1

Analysis for the portion Finer than the No. 10 Sieve

Analysis Based on -3 inch fraction only

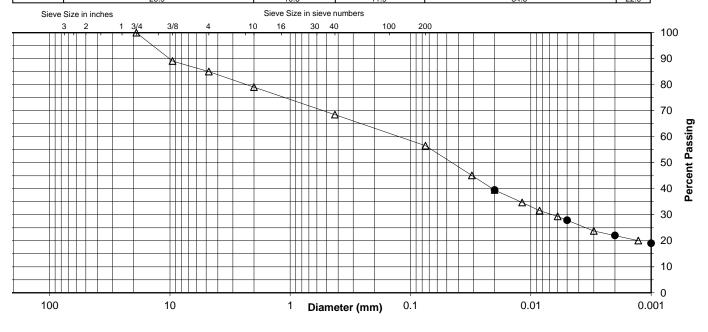
Specific Gravity 2.7

Dispersed using Apparatus A - Mechanical, for 1 minute

No. 40	68.5
No. 200	56.6
0.02 mm	39.5
0.005 mm	27.9
0.002 mm	22.0
0.001 mm	19.0

Particle Size Distribution

ASTM	Coarse Gravel	Fine Gravel	C. Sand	Medium Sand	Fine Sand	Silt	Clay	,
ASTIVI	0.0	15.0	5.9	10.6	11.9	28.7	27.9	
AACUTO		Gravel		Coarse Sand	Fine Sand	Silt		Clay
AASHTO		20.9		10.6	11 9	34.6		22.0



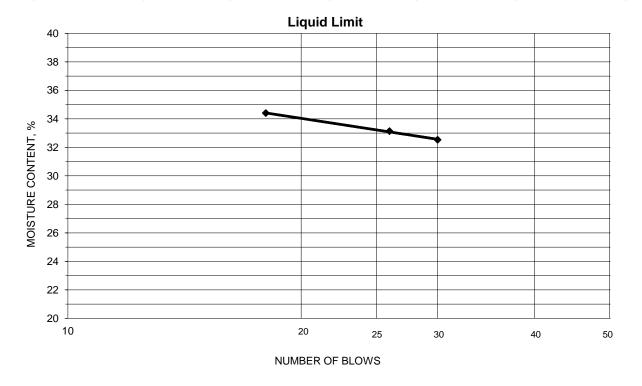
Comments	Reviewed By
	- ''





Project No. 175538108 Project Township Line Rd Bridge Source Lab ID B-1, 10.0'-11.5' % + No. 40 32 Tested By JP Test Method ASTM D 4318 Method A Date Received 05-15-2020 Test Date 05-20-2020 Prepared

Wet Soil and Tare Mass (g)	Dry Soil and Tare Mass (g)	Tare Mass (g)	Number of Blows	Water Content (%)	Liquid Limit
23.26	20.16	10.63	30	32.5	
23.78	20.48	10.52	26	33.1	
23.24	20.13	11.09	18	34.4	33



PLASTIC LIMIT AND PLASTICITY INDEX

Wet Soil and Tare Mass	Dry Soil and Tare Mass	Tare Mass	Water Content		
(g)	(g)	(g)	(%)	Plastic Limit	Plasticity Index
17.38	16.36	10.92	18.8	18	15
17.04	16.11	11.01	18.2		

Remarks:	_	DEI
	Reviewed By	FEL



Summary of Soil Tests

	Township Line I		Project Number	175538108
ource _	B-2, 3.0'-4.5', 5.	0'-6.5'	Lab ID	6
ample Type	SPT Composite	1	Date Received	5-15-20
_	Or 1 Composite		Date Reported	5-26-20
			Test Results	
	ral Moisture Co : ASTM D 2216	<u>ontent</u>	Atterberg Limits Test Method: ASTM D 4318 Method:	۸
	re Content (%):	12.6	Prepared: Dry	A
เขเบเรเน	re Content (76).	12.0	Liquid Limit:	30
			Plastic Limit:	
Pai	rticle Size Anal	veie	Plasticity Index:	
	Method: ASTM I		Activity Index:	
•	ethod: ASTM D		Activity mack.	0.0
	Method: ASTM			
			Moisture-Density Relation	ship
	cle Size	%	Test Not Performed	
Sieve Size	e (mm)	Passing	Maximum Dry Density (lb/ft ³):	N/A
	N/A		Maximum Dry Density (kg/m³):	
	N/A		Optimum Moisture Content (%):	N/A
	N/A	 	Over Size Correction %:	
1 1/2"	37.5	100.0	Over Size Correction %.	IN/A
3/4"	19	79.3		
3/8"	9.5	70.0	California Bearing Rati	
No. 4	4.75	59.7	Test Not Performed	<u> </u>
No. 10	2	50.2	Bearing Ratio (%):	N/A
No. 40	0.425	40.0	Compacted Dry Density (lb/ft ³):	
No. 200	0.425	33.4	Compacted Dry Density (Ib/It) Compacted Moisture Content (%):	
140. 200	0.02	29.7	Compacted Moisture Content (78).	IN//A
	0.005	21.1		
	0.002	16.5	Specific Gravity	
estimated	0.001	13.7	Estimated Estimated	
	•			
Plus 3 in. ma	iterial, not includ	led: 0 (%)	Particle Size:	No. 10
			Specific Gravity at 20° Celsius:	2.70
	ASTM	AASHTO		
Range	(%)	(%)		
Gravel	40.3	49.8	Classification	
Coarse San		10.2	Unified Group Symbol:	
Medium Sar			Group Name: Clayey gra	avel with sand
Fine Sand		6.6		
Silt	12.3	16.9		
Clay	21.1	16.5	AASHTO Classification:	A-2-6 (1)
			J L	
Comments:				
-			Reviewed By	REL
_			Reviewed By	S.



Project Name	Township Line Rd Bridge	Project Number	175538108
Source	B-2, 3.0'-4.5', 5.0'-6.5'	Lab ID	6

Sieve analysis for the Portion Coarser than the No. 10 Sieve

Test Method ASTM D 422
Prepared using ASTM D 421

Particle Shape Angular
Particle Hardness: Hard and Durable

Tested By JR
Test Date 05-19-2020
Date Received 05-15-2020

Maximum Particle size: 1 1/2" Sieve

Sieve Size	% Passing
1 1/2"	100.0
3/4"	79.3
3/8"	70.0
No. 4	59.7
No. 10	50.2

Analysis for the portion Finer than the No. 10 Sieve

Analysis Based on -3 inch fraction only

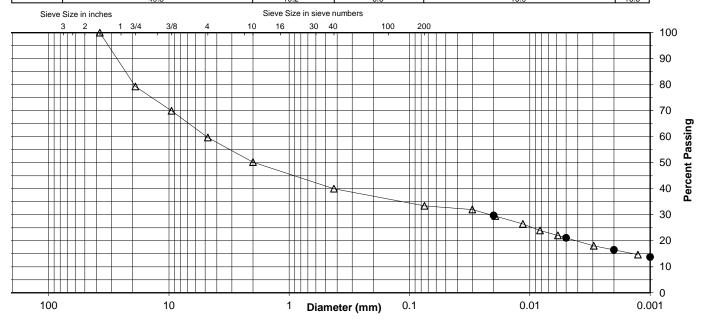
Specific Gravity 2.7

Dispersed using Apparatus A - Mechanical, for 1 minute

No. 40	40.0
No. 200	33.4
0.02 mm	29.7
0.005 mm	21.1
0.002 mm	16.5
0.001 mm	13.7

Particle Size Distribution

ASTM	Coarse Gravel	Fine Gravel	C. Sand	Medium Sand	Fine Sand	Silt	Clay	
ASTIVI	20.7	20.7 19.6		10.2	10.2 6.6 12.3		21.1	
AACUTO		Gravel		Coarse Sand	Fine Sand	Silt		Clay
AASHTO		49.8		10.2	6.6	16.9		16.5



Comments

Reviewed By REL





05-20-2020

Test Date

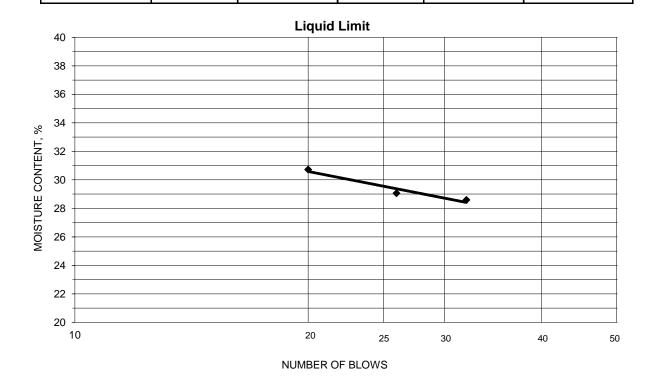
 Project Source
 Township Line Rd Bridge
 Project No.
 175538108

 B-2, 3.0'-4.5', 5.0'-6.5'
 Lab ID
 6

 Tested By
 JR
 Test Method ASTM D 4318 Method A
 Date Received
 05-15-2020

Prepared

	Wet Soil and	Dry Soil and				
	Tare Mass	Tare Mass	Tare Mass	Number of	Water Content	
	(g)	(g)	(g)	Blows	(%)	Liquid Limit
	21.78	19.29	10.58	32	28.6	
	20.04	17.93	10.67	26	29.1	
	21.70	19.11	10.68	20	30.7	30
ľ						



PLASTIC LIMIT AND PLASTICITY INDEX

Wet Soil and Tare Mass	Dry Soil and Tare Mass	Tare Mass	Water Content		
(g)	(g)	(g)	(%)	Plastic Limit	Plasticity Index
19.59	18.37	11.09	16.8	17	13
18.78	17.66	11.05	16.9		

Remarks:	_	DEI
	Reviewed By	FEL

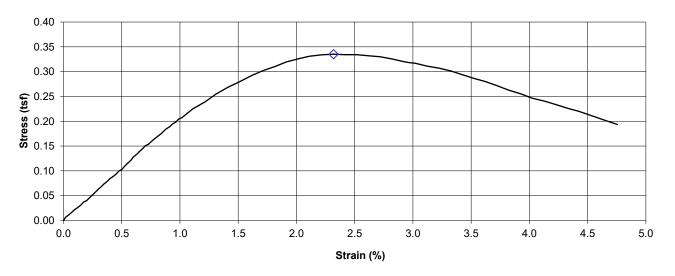


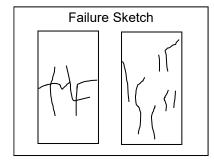
Unconfined Compressive Strength of Cohesive Soil

ASTM D 2166

Project Name Township Line Rd Bridge Project Number 175538108 Source B-1, 2.5'-4.5' Lab ID Visual Description Sandy Lean Clay with Gravel (CL), brown, moist, firm Recovered Test Interval Specimen Type: Undisturbed LL N/A PL N/A Ы Date Extruded 05/29/2020 N/A Date Tested 06/01/2020 Initial Wet Density (pcf) 124.2 Initial Moisture Content (%) 19.1 Initial MC Taken Before Test, From Trimmings 104.2 Initial Dry Density (pcf) At Test Moisture Content (%) 16.4 At Test MC Taken After Test, From Whole Specimen At Test Dry Density (pcf) 106.7 Specific Gravity N/A Degree of Saturation (%) N/A Unconfined Compressive Strength (tsf) 0.34 Average Height (in) 5.895 Undrained Shear Strength (tsf) 0.17 Average Diameter (in) Strain at Maximum Stress (%) 2.790 2.3 Height to Diameter Ratio Strain rate to failure (% / min.) 1.00 2.1

Stress vs. Strain





	Pocket Penetrometer Reading (tsf) N/A
	Torvane Reading (kg/cm²) N/A
Comments	

Reviewed By



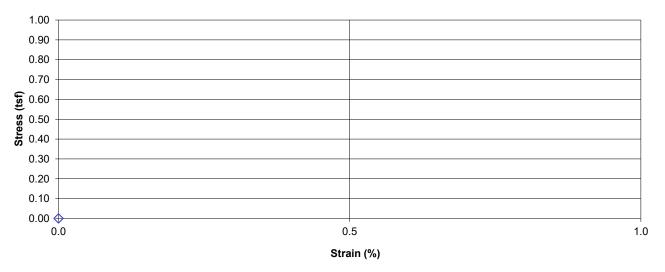


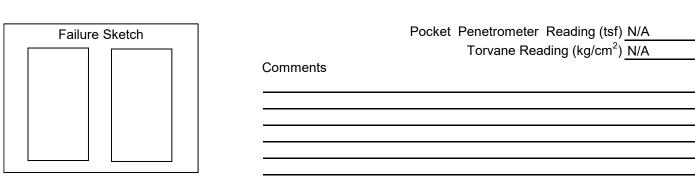
Unconfined Compressive Strength of Cohesive Soil

ASTM D 2166

Project Name	Township Line	e Rd Bridge				Projec	ct Number	175538108
Source B-1, 2.5'-4	l.5'						Lab ID	10B
Visual Description	Sandy Lean C	lay with Gra	avel (CL), bro	wn, mo	ist, firm			
						Recovered	1	1.8'
						Test Interval	3.3'	' - 3.8'
Specimen Type:	Undisturbed	LL	N/A	PL	N/A	- ·		
		_		PI	N/A	Date	Extruded	05/29/2020
Initial Wet	Density (pcf)	109.6		_		Da	ate Tested	N/A
Initial Moisture	e Content (%)	16.0	Initial MC	Taken	Before T	est, From Trimmings		
Initial Dry	Density (pcf)	94.5		-				•
At Test Moisture	e Content (%)	N/A	At Test MC	Taken	N/A			
At Test Dry	Density (pcf)	N/A		-				•
Sp	pecific Gravity	N/A						
Degree of S	Saturation (%)	N/A	Un	confine	d Compr	ressive Strength (tsf)	N/A	
Avera	ge Height (in)	5.750		U	ndrained	Shear Strength (tsf)	N/A	•
Average	Diameter (in)	2.880		5	train at N	Maximum Stress (%)	N/A	•
Height to D	iameter Ratio	2.0		5	Strain rate	e to failure (% / min.)	N/A	•

Stress vs. Strain





Reviewed By

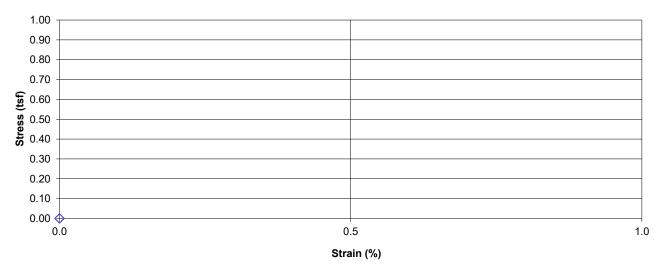


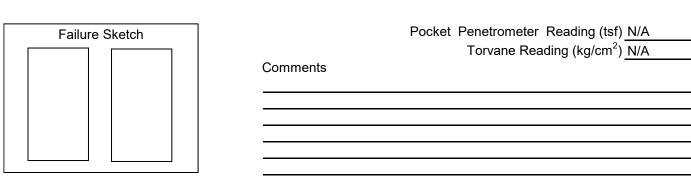
Unconfined Compressive Strength of Cohesive Soil

ASTM D 2166

Project Name	Township Lin	e Rd Bridge				Project	t Number	175538108
Source B-1, 2.5'-4	1.5'						Lab ID	10C
Visual Description	Sandy Lean 0	Clay with Gra	avel (CL), bro	own, mo	ist, firm	_		
						Recovered	1	1.8'
						Test Interval	3.8'	- 4.3'
Specimen Type:	Undisturbed	LL	N/A	PL	N/A	•		
		_		PI	N/A	Date	Extruded	05/29/2020
Initial Wet	Density (pcf)	130.3		-		Da	te Tested	N/A
Initial Moisture	e Content (%)	18.2	Initial MC	Taken	Before Te	est, From Trimmings		
Initial Dry	Density (pcf)	110.2		-				
At Test Moisture	e Content (%)	N/A	At Test MC	Taken	N/A			
At Test Dry	Density (pcf)	N/A		-				
Sp	pecific Gravity	N/A						
Degree of S	Saturation (%)	N/A	Ur	nconfine	ed Compre	essive Strength (tsf)	N/A	
Avera	ge Height (in)	5.754		U	ndrained	Shear Strength (tsf)	N/A	
Average	Diameter (in)	2.872		5	Strain at M	laximum Stress (%)	N/A	
•	iameter Ratio	2.0		9	Strain rate	to failure (% / min.)	N/A	

Stress vs. Strain





Reviewed By ____





Uniaxial Compressive Strength of Intact Rock Core Specimens

ASTM D 7012, Method C

		Project Number	175538108
with Shale, gray, moderatel	y hard, calcarious	Lab ID	UCR-11
Depth (ft) 16	.9' - 17.3'	Date Received	05/15/2020
Moisture Condition As	Prepared, Moist	Date Tested	05/28/2020
Height (in)	4.444	Wet Unit Weight (pcf)	166.3
 Diameter (in)	1.982	• ,	
Area (in²)	3.084	Moisture Content (%)	N/A
` '		()	
of) 22202 De Undetermined Si) 7200 Sf) 1036800 Sf) 518	ited preparation.	Failure Sketches	
	Depth (ft) 16 Moisture Condition As Height (in) Diameter (in) Area (in²) c) 34 22202 De Undetermined Si) 7200 Sf) 1036800 Sf) 518	with Shale, gray, moderately hard, calcarious Depth (ft) 16.9' - 17.3' Moisture Condition As Prepared, Moist Height (in) 4.444 Diameter (in) 1.982 Area (in²) 3.084 c) 34 of) 22202 Dee Undetermined Si) 7200 Si) 1036800	With Shale, gray, moderately hard, calcarious Depth (ft) 16.9' - 17.3' Moisture Condition As Prepared, Moist Height (in) 4.444 Diameter (in) 1.982 Area (in²) 3.084 Wet Unit Weight (pcf) Dry Unit Weight (pcf) Moisture Content (%) Failure Sketches The Undetermined The Undetermined Failure Sketches The Undetermined The Undetermined In 1.982 The Undetermined In 1.



Uniaxial Compressive Strength of Intact Rock Core Specimens

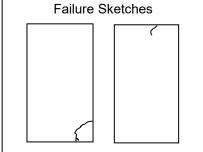
ASTM D 7012, Method C

Project Name T	ownship Line	Rd Bridge		Project Number	175538108
Lithology S	Shale with Lim	estone, gray, moderatel	y hard, calcarious	Lab ID	UCR-12
Hole Number E	3-2	Depth (ft) 22	.3' - 22.7'	Date Received	05/15/2020
_					
Temperature (°C)	21	Moisture Condition As	Prepared, Moist	Date Tested	05/28/2020
_					
Side Planeness	N/A	Height (in)	4.451	Wet Unit Weight (pcf)	162.7
Perpendicularity	N/A	Diameter (in)	1.979	Dry Unit Weight (pcf)	N/A
End Planeness	N/A	Area (in²)	3.074	Moisture Content (%)	N/A
Parallelism	N/A				
Dimensions were n	ot confirmed.				
				- " 0' ' '	

Loading Rate (lbf/sec) 31
Peak Load (lbf) 11292

Failure Type Undetermined

Compressive Strength (psi) 3670
Compressive Strength (psf) 528480
Compressive Strength (tsf) 264



Comments Fragile nature of specimen inhibited preparation, required capping of ends with Hydro-Stone.

Dimensional tolerances were not confirmed.

Reviewed By

APPENDIX D

Bearing Capacity Analysis

Township Line Road Bridge NO. 134-3.76

Table 10.4.6.4-1 Geomechanics Classification of Rock Masses

Source AASHTO LRFD Bridge Design Specifications 9th Edition

Rock Type: Limestone Interbedded with Shale

Parameter		Ranges of Values										
	Point load Strength of strength index intact rock		>175 ksf 85 - 175 ksf 4		45 - 85 ksf			nis low range, uniaxial pressive test is preferred		d		
1	material	Uniaxial compressive strength	>4320 ksf	2160 - ks		1080 - 2160 ksf	520 - 1080 ksf	215 - 5	520 ksf	70 - 215	ksf	20 - 70 ksf
	Relative Rating		15	12	2	7	4		2	1		0
2	Drill core quality RQD		90% - 100	0%	7 <u>!</u>	5% - 90%	50% - 75		25 •	% - 50%		< 25%
	Relative Rating		20			17	13			8		3
3	Spacing of Joints		> 10 ft.			3 - 10 ft.	1 - 3 ft	. 2 in - 1 ft.			< 2 in	
	Relative Rating		30			25	20			10		5
4	Condition of Joints		* Very rough surfaces * Not continuous * No separation * Hard joint wall rock		surfa * Sep < 0.	htly rough aces aration 05 in. d joint rock	* Slightly rousurfaces * Separation < 0.05 in. * Soft joint wall rock		surfa * Goug thick * Joint 0.05	s open - 0.2 in. tinuous		* Soft gouge > 0.2 in. thick or * Joints open > 0.2 in. * Continuous joints
	Relative Rating		25			20	12	1		6		0
	Ground water conditions (use one of the	Inflow per 30 ft. tunnel length	No	one		< 400	gal./hr.	400 -	2000 ga	al./hr.	> ;	2000 gal./hr.
5	three evaluation criteria as appropriate to the method of exploration) Ratio = joint water pressure/ major principal stress exploration)		0.0 - 0.2		- 0.2	().2 - 0.5			> 0.5		
	,	General conditions	Comple	tely Dry	′		t only al water)		ater und rate pre		S	evere water problems
	Relative Rating	•	1	0			7		4			0

Table 10.4.6.4-2 Geomechanics Rating Adjustment for Joint Orientations.

	d Dip Orientations of Joints	Very Favorable	Favorable	Fair	Unfavorable	Very Unfavorable
	Tunnels	0	-2 □	-5	-10	-12
Ratings	Foundations	0	-2	-7	-15	-25
	Slopes	0	-5	-25	-50	-60

Table 10.4.6.4-3 Geomechanics Rock Mass Classes Determined From Total Ratings.

RMR Rating	100 - 81	80 - 61	60 - 41	40 - 21	< 20
Class No.	I	II.	III	IV	V
Description	Very Good Rock	Good Rock	Fair Rock	Poor Rock	Very Poor Rock

Determine Bearing Resistance

If the RMR is less than 50, the bearing resistance should be calculated using EQ 10.6.3.1.2a-1

Footing Width (B): 6 feet Footing Length (L): 25 feet Foundation Depth (Df): 18 feet RMR: 32

 $q_n = cN_{cm} + \gamma D_f N_{qm} C_{wq} + 0.5 \gamma BN_{vm} C_{wv}$

EQ. 10.6.3.1.2a-1

Where:

c = 0.104 x RMR

 $0.104 \times 32 =$

3.33 ksf

 $\varphi = 5 + RMR/2$

5 + 32/2 =

21.0 degrees

 $N_{cm} = N_c s_c$

 $N_c = 15.9$

 $s_c =$

1.11

 $N_{qm} = N_q s_q$ $N_q = 7.1$

1.09 $s_a =$

 $N_{vm} = N_v s_v$

 $N_{v} = 6.2$

 $s_v =$ 0.90

 $C_{wq} = C_{wy} =$

0.5

(0.5 - under water, 1.0 - above water)

62.6 pcf γ_{soil above footing} =

 $q_n = (3.33 \times 15.9 \times 1.11) + (0.0626 \times 18 \times 7.1 \times 1.09 \times 0.5) + (0.5 \times 0.0626 \times 6 \times 6.2 \times 0.9 \times 0.5)$

 $q_n = 58.77 + 4.36 + 0.52 = 63.7 \text{ ksf, say } 60 \text{ ksf}$

 $q_{n} = 60$

ksf

(nominal bearing resistance)

(Table 10.5.5.2.2-1)

 $q_R = \omega_b q_n$

(EQ 10.6.3.1.1-1)

 $q_R = 0.45 \times 60$

 $q_{R} = 27$

ksf

(factored bearing resistance - strength limit state)

Calculated by: JAS Reviewed by: EK



SECTION 10: FOUNDATIONS

 $Table~C10.6.2.6.1-1 \\ -Presumptive~Bearing~Resistance~for~Spread~Footing~Foundations~at~the~Service~Limit~State~Modified~after~U.S.~Department~of~the~Navy~(1982)$

		Bearing Resistance (ksf)		
			Recommended	
Type of Bearing Material	Consistency in Place	Ordinary Range	Value of Use	
Massive crystalline igneous and metamorphic rock:	Very hard, sound rock	120-200	160	
granite, diorite, basalt, gneiss, thoroughly cemented				
conglomerate (sound condition allows minor cracks)				
Foliated metamorphic rock: slate, schist (sound	Hard sound rock	60-80	70	
condition allows minor cracks)				
Sedimentary rock: hard cemented shales, siltstone,	Hard sound rock	30-50	40	
sandstone, limestone without cavities				
Weathered or broken bedrock of any kind, except	Medium hard rock	16–24	20	
highly argillaceous rock (shale)				
Compaction shale or other highly argillaceous rock	Medium hard rock	16–24	20	
in sound condition				
Well-graded mixture of fine- and coarse-grained	Very dense	16–24	20	
soil: glacial till, hardpan, boulder clay (GW-GC,				
GC, SC)				
Gravel, gravel-sand mixture, boulder-gravel	Very dense	12–20	14	
mixtures (GW, GP, SW, SP)	Medium dense to dense	8–14	10	
	Loose	4-12	6	
Coarse to medium sand, and with little gravel (SW,	Very dense	8-12	8	
SP)	Medium dense to dense	4–8	6	
	Loose	2–6	3	
Fine to medium sand, silty or clayey medium to	Very dense	6–10	6	
coarse sand (SW, SM, SC)	Medium dense to dense	4–8	5	
	Loose	2–4	3	
Fine sand, silty or clayey medium to fine sand (SP,	Very dense	6–10	6	
SM, SC)	Medium dense to dense	4–8	5	
	Loose	2–4	3	
Homogeneous inorganic clay, sandy or silty clay	Very dense	6–12	8	
(CL, CH)	Medium dense to dense	2–6	4	
	Loose	1–2	1	
Inorganic silt, sandy or clayey silt, varved silt-clay-	Very stiff to hard	4–8	6	
fine sand (ML, MH)	Medium stiff to stiff	2–6	3	
	Soft	1–2	1	

Performed by: E. Kistner Reviewed by: J. Samples

10-65

ODOT's LPA Template (ODOT Spec Book and LPA Spec Book) Required Contract Provisions for STATE-Only Funded Projects

1. ODOT'S 2019 CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS) AND ITS SUPPLEMENTS

ODOT's Construction and Material Specifications (C&MS) and its supplements are hereby incorporated by reference, in their entirety, as if rewritten herein. The incorporation of this document by reference does not interfere with the order of precedence set forth in Section 105.04 of the C&MS Manual.

In accordance with the Locally Administrated Transportation Projects Manual of Procedures (LATPM), when bidding this project, the contractor should replace the terms "the department", "the engineer" and "the DCA" with the term "the Local Public Agency (LPA)." Furthermore, nothing in this document is intended to alter the LPA's adherence to Ohio Revised Code, local ordinance or other applicable requirements which are properly established.

2. PREQUALIFICATION

Only prequalified contractors are eligible to submit bids for this PROJECT. Prequalification status must be in force **at the time of bid, at the time of award, and through the life of the construction contract.** For work types that ODOT does not prequalify, the LPA must still select a qualified contractor. Subcontractors are not subject to the prequalification requirement. The "prime" contractor must perform no less than 30 percent of the total original contract price.

3. STEEL PRODUCTS MADE IN THE UNITED STATES

Domestic steel use requirements as specified in section 153.011 of the Ohio Revised Code apply to this project. Copies of section 153.011 of the Ohio Revised Code can be obtained from any of the offices of the Department of Administrative Services.

4. AS PER PLAN DESIGNATION

The "As Per Plan" designation is sometimes added to item descriptions in the proposal to assist contractors with easily identifying standard items that have been altered by plan notes.

The "As Per Plan" designation has proven to be a very useful tool for contractors. However, its use was never intended to relieve contractors of their responsibility to read, bid, and construct all items in accordance with all governing plan notes. Therefore, the absence of an "As Per Plan" designation on some item descriptions in the proposal for which there are clear and controlling plan notes does not relieve contractors of the responsibility to read, bid, and construct those particular items in accordance with the governing plan notes.

Be advised that the item descriptions in the bidding proposal must be read or interpreted with the governing plan notes and the Construction and Material Specification Manual. A claim based upon an "order of precedence" basis will be denied. In the event that a conflict, either real or perceived, exists between the item description and the governing plan note, contractors are to request clarification through the pre-bid process.

5. PREVAILING WAGES ON STATE PROJECTS WITH NO FEDERAL-AID FUNDING

The following is in addition to C&MS Section 108.10.

This contract is subject to Ohio Prevailing Wage Laws, Chapter 4115 of the Ohio Revised Code. The contractor and all subcontractors shall comply with the provisions contained therein or as otherwise provided by this note. The contractor guarantees the prevailing wage scale to be paid to all laborers and mechanics employed on this contract is in accordance with the schedule of the prevailing hourly wage and fringe benefits as determined by the Ohio Department of Commerce for the county in which the work is being performed. Failure to pay prevailing wages to all laborers and mechanics employed on this project shall be considered a breach of contract. Such a failure may result in the revocation of the contractor's and/or subcontractor's certificate of qualification and debarment. A schedule of the most current prevailing wage rates may be accessed by registering with the Ohio Department of Commerce, Industrial Compliance Division, Bureau of Wage & Hour Administration at the following web address:

https://wagehour.com.ohio.gov/w3/webwh.nsf/wrAccessLog

The contractor and all subcontractors shall compensate the employees on this contract at a pay rate not less than the hourly wage and fringe rate listed on the website noted above, for the applicable job classification or as may be modified by the Ohio Department of Commerce, Industrial Compliance Division, Bureau of Wage and Hour Administration, when new prevailing rates are established.

Overtime shall be paid at one and one-half times the base hourly rate for any hours worked beyond forty hours during a pay week. The contractor and all subcontractors shall pay all compensation by company funds transfer or legal tender to the worker and fringe benefit program.

The wage and fringe rates determined for this project, or as may be modified later, shall be posted by the contractor in a prominent and accessible place on the project, field office, or equipment yard where they can be easily read by the workers or be otherwise made available to the workers. On the first pay date of the contract work, the contractor and all subcontractors shall furnish each employee covered by prevailing wage a completed form whpw1512 in accordance with section 4115.05 of the Ohio Revised Code showing the classification, hourly pay rate, fringes, and identifying the LPA Prevailing Wage Coordinator (PWC), if such employees are not covered by a collective bargaining agreement or understanding between employers and bona fide organizations of labor. These forms shall be signed by the contractor or subcontractor and the employee and kept in the contractor's or subcontractor's payroll files.

The contractor and all subcontractors shall submit to the PWC or other designated LPA representative certified payrolls on form whpw1509 or equivalent, in accordance with sections 4115.07 and 4115.071 (C) of the Ohio Revised Code, three weeks after the start of work and every subsequent week until the completion of the contract. Additionally, a copy of the "Apprentice Certification" obtained from the Ohio State Apprenticeship Council, must accompany all certified payrolls submitted for all apprentices working on this project. Upon completion of the contract and before the final payment, the contractor shall submit to the PWC a final wage affidavit in accordance with section 4115.07 of the Ohio Revised Code stating wages have been paid in conformance with the minimum rates set forth in the contract. Please be aware that it is ultimately the responsibility of the contractor to ensure all laws relating to prevailing wages in Chapter 4115 of the Ohio Revised Code are strictly adhered to by all subcontractors.

The contractor and all subcontractors shall make all payroll records available for inspection, copying, or transcription by any authorized representative of the contracting agency. Additionally, the contractor and all subcontractors shall permit such representatives to interview any employees during working hours while the employees are on the job.

If the contractor or any subcontractor fails to comply with any of the provisions contained in this proposal note, the LPA may terminate the contract and/or withhold or suspend pay estimates after written notice and a reasonable opportunity to comply has been provided.

6. STATE EEO CERTIFICATION CLAUSE

The hiring of employees for the performance of work under this contract shall be done in accordance with Ohio Revised Code sections 153.59 and 153.591, the Governor's Executive Order of January 27, 1972, including Appendices "A" and "B", and the Governor's amended Executive Order 84-9 of November 30, 1984. The successful contractor shall not discriminate against or intimidate any person hired for the performance of the work by reason of race, color, religion, national origin, ancestry, sex, or handicap. For any violation, the contractor shall suffer such penalties as provided for in Ohio Revised Code section 153.60 and the Governor Executive Order of January 27, 1972. The bidder also agrees that upon award of this contract they shall incorporate this certification in all subcontracts on this project regardless of tier.

7. UNRESOLVED FINDING FOR RECOVERY

The contractor affirmatively represents to the LPA that it is not subject to a finding for recovery under Ohio Revised Code section 9.24 or that it has taken the appropriate remedial steps required under section 9.24 or otherwise qualifies under that section. The contractor agrees that if this representation is deemed to be false, the contract shall be void ab initio as between the parties to this contract, and any funds paid by the state hereunder shall be immediately repaid to the LPA or an action for recovery may be immediately commenced by the LPA and/or for recovery of said funds.

8. ASSIGNMENT OF ANTITRUST CLAIMS IN STATE CONTRACT LANGUAGE

The contractor should recognize that in actual economic practice, overcharges resulting from antitrust violations are usually borne by ODOT and/or the LPA. As consideration for the Award of the Contract and intent to be legally bound, the contractor acting herein by and through the person signing this contract on behalf of the contractor as a duly authorized agent, hereby assigns, sells, conveys, and transfers to ODOT and/or the LPA any and all right, title and interest to any and all claims and causes of action the contractor now has or hereafter requires under state or federal antitrust laws provided that the claims or causes of action related to the goods or services that are the subject to the contract. In addition, the contractor warrants and represents that it will require all of its subcontractors and first tier suppliers to assign all federal and state antitrust claims and causes of action to ODOT and/or the LPA. The provisions of this article shall become effective at the time the LPA executes this contract without further acknowledgment by any of the parties.

All contracting entities shall assign their rights and responsibilities to ODOT and/or the LPA for all antitrust claims and causes of action regarding subcontractors.

9. US ARMY CORPS OF ENGINEERS AND OHIO ENVIRONMENTAL PROTECTION AGENCY PERMITS

The above referenced permits are incorporated and made part of this contract as special provisions incorporated herein. Therefore, in the event the contractor or its agents refuse or fail to adhere to the requirements of the 404 Permit and/or the NPDES Stormwater Permit resulting in an assessment or fine made or levied against ODOT and/or the LPA, the contractor shall reimburse ODOT and/or the LPA within thirty (30) calendar days of the notice of assessment or fine, or the LPA and/or ODOT may withhold the amount of the fine from the contractor's next pay estimate. All money collected or withheld from the contractor shall be delivered to the permitting agencies issuing the assessment or fine.

These fines are not to be construed as a penalty but are liquidated damages to recover costs assessed against the LPA and/or ODOT due to the contractor's refusal or failure to comply with the permits.

10. OHIO WORKERS' COMPENSATION COVERAGE

The contractor must secure and maintain valid Ohio workers' compensation coverage until the project has been finally accepted by ODOT. A certificate of coverage evidencing valid workers' compensation coverage must be submitted to the LPA before the contract will be executed by the LPA.

The contractor must immediately notify the LPA in writing if it or any subcontractor fails or refuses to renew their workers' compensation coverage. Furthermore, the contractor must notify the LPA in writing if its or any of its subcontractor's workers' compensation policies are canceled, terminated, or lapse.

The failure to maintain valid workers' compensation coverage shall be considered a breach of contract, which may result in the contractor or subcontractor being removed from the project, withholding of pay estimates, and/or termination of the contract.

11. PN 034 - 05/25/2011 – DRUG FREE SAFETY PROGRAM

During the life of this project, the contractor and all its subcontractors who provide labor on the project site must be enrolled in and remain in good standing in the Ohio Bureau of Worker's Compensation (OBWC) Drug-Free Safety Program (DFSP) or a comparable program approved by the OBWC.

In addition to being enrolled in and in good standing in an OBWC-approved DFSP or a comparable Drug Free Workplace Program (DFWP) approved by the OBWC, the department requires each contractor and subcontractor that provides labor to subject its employees who perform labor on the project site to random drug testing of five (5) percent of its employees. The random drug testing percentage must also include the on-site supervisors of the contractors and subcontractors. Upon request, the contractor and subcontractor shall provide evidence of required testing to the department.

Each subcontractor shall require all lower-tier subcontractors who provide labor on the project site with whom the subcontractor is in contract for the work to be enrolled in and be in good standing in the OBWC DFSP or an OBWC-approved DFWP prior to a lower-tier subcontractor providing labor at the site.

The department will declare a bid non-responsive and ineligible for award if the contractor is not enrolled in and in good standing in the OBWC's DFSP Discount Program or a similar program approved by the OBWC within eight (8) days of the bid opening. Furthermore, the department will deny all requests to sublet when the subcontractor does not comply with the provisions of this proposal note.

Failure of the contractor to require a subcontractor to be enrolled in and be in good standing in the OBWC DFSP or an OBWC-approved DFWP prior to the time the subcontractor provides labor at the site shall result in the contractor being found in breach of the contract and that breach shall be used in the responsibility analysis of that contractor or the subcontractor who was not enrolled in a program for future contracts with the State for five (5) years after the date of the breach.

12. WAIVER OF C&MS 614.03

ODOT's 2019 Construction and Material Specifications section 614.03, third paragraph, does not apply to any project which is not physically located on the National Highway System (NHS) and/or does not impact NHS traffic in any way.

13. ODOT AS OBLIGEE ON BOND

The contractor shall furnish a performance and payment bond in an amount at least equal to 100 percent of the estimate as security for the faithful performance of its contract. In addition to the project owner, ODOT shall be named as an obligee.

14. PN 032 – 01/31/2021 – C92s REQUIRED ON LOCAL-LET CONSTRUCTION PROJECTS

State and federal law requires all contractors and subcontractors participating in state or federally funded projects to be evidenced in writing and in conformity with all applicable state and federal laws and regulations.

Effective immediately, all projects advertising after 2/1/2021 will require a Request to Sublet (C92) form be completed for each subcontractor working on the project prior to the start of work. This will include all EDGE and non-EDGE material suppliers utilized on the project.

A template for this form may be found and submitted via the GoFormz website located at https://www.goformz.com/.

15. PN 031 – 4/6/2023 – LOCAL-LET CONSTRUCTION PROJECTS

ODOT, along with the LPA, shall monitor payments made by the prime contractor and subcontractors for compliance with this Proposal Note and C&MS 107.21. To facilitate this monitoring, the Department requires both prime and subcontractors to report their payments to all subcontractors/second-tier subcontractors with the submission of each invoice. The payment data reported must include any retainage withheld (when allowable under the department's *Retainage Policy dated 4/14/21*) and any previously withheld retainage released. All such reporting must take place through a web-based submission on GoFormz. Please note: submission through GoFormz is required for all Local-let projects. Invoices will not be approved and processed for payment unless this reporting form has been submitted and received by the department.

The prime/subcontractor must report the following information:

- The name of the payee;
- The dollar amount of the payment to the payee;
- The date the payee was paid;
- The amount of retainage withheld (if any).

The prime/subcontractor(s) must sign each reported payment and submit to ODOT via the GoFormz website.

The second-tier subcontractor is responsible for completing the affirmation of payment form in GoFormz.

The prime contractor is responsible for ensuring that all subcontractors and second-tier subcontractors are correctly completing all prompt payment forms via the GoFormz website.

If the prime or subcontractor(s) fail to submit the aforementioned documentation with each invoice, they will be determined to be non-compliant and invoices will not be processed for payment.

Payee must verify each payment reported by the payer within thirty (30) days of the payment being signed by the payer. This verification must include:

- Whether the payment was received, and if so, whether it was or was not as expected
- The dollar amount of the payment received
- The date the payment was received

The prime contractor shall fully complete the last prompt payment form upon receipt of final payment.

SANCTIONS AND ADMINISTRATIVE REMEDIES

Failure by the prime contractor and/or subcontractor(s) to follow Prompt Payment requirements may result in the issuance of sanctions as follows:

1st Tier: Notice of Violation followed by a Letter of Reprimand

2nd Tier: If corrective actions are not taken within the specified three (3) business days, a pay estimate in the amount due to the subcontractor(s) that was not reported or paid may be withheld.

3rd Tier: If a pattern of paying damages persists or the contractor has falsified, misrepresented, or withheld information, ODOT will pursue other remedies available by law including suspension, revocation, and/or debarment.

Factors to be considered in issuing sanctions may include, but are not limited to the following:

- the magnitude and type of offense
- the degree of the contractor's culpability
- any steps taken to rectify
- the contractor's record of performance on other projects
- the number of times the contractor has been previously sanctioned by ODOT

16. PN 022 – 04/15/2013 - ENCOURAGING DIVERSITY, GROWTH, AND EQUITY (EDGE) REQUIREMENTS

Pursuant to Ohio Revised Code 122.922, amended 9/30/2021, guiding EDGE program requirements, the percentage indicated on the front cover of this bid is the percent of the awarded contractor's bid. The percentage goal may be met if the contractor is EDGE certified or by subcontracting to certified EDGE firms. EDGE certified firms are those who have been certified by the Ohio Department of Development. If not EDGE certified, the contractor must use its best effort to solicit quotes from and to utilize EDGE subcontractors/suppliers on this project.

WAIVER PROCESS FOR EDGE GOAL

If not EDGE certified, the contractor must document the progress and efforts made to secure the services of EDGE certified subcontractors/suppliers. In the event the contractor is unable to meet the EDGE goal placed on this project, a request for a waiver of all or part of the goal may be made to the Division of Opportunity, Diversity and Inclusion (ODI). The written request must include all signed and dated purchase orders and subcontract agreements for any goal attainment achieved as well as indicate a good faith effort was made to meet the goal. The request must be sent to the Division of Opportunity, Diversity and Inclusion, Mail Stop #3270, 1980 West Broad Street, Columbus, Ohio, 43223. There will be no extension of time for the project granted if the contractor wishes to avail itself of this process. If an item of work subcontracted to an EDGE firm is non-performed by the department or is the subject of an approved VECP, the contractor may request a waiver for the portion of work excluded.

The department shall consider the following information and documentation when a request for an EDGE goal waiver is received:

- Dollar value and % of EDGE goal. Dollar value and % of waiver request.
- Signed copy of each subcontract or purchase order agreement between the contractor and EDGE subcontractor/supplier utilized in meeting the contract goal.
- Copy of dated written communication, fax confirmation, personal contact, follow-up and negotiation with the EDGE subcontractor/supplier.
- Copy of dated written communication and/or fax confirmation that bidder solicited and provided EDGE subcontractor/supplier with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.

- Copy of dated written communication and/or fax confirmation of each noncompetitive EDGE quote that includes the dollar value of each reference item and work type.
- Copy of dated written communication and/or dated fax confirmation of EDGE subcontractor/supplier that were not interested in providing a quote for the project.
- All solicitations made by the contractor for subcontracting opportunities and EDGE quotes through SBN.
- Documentation of all negotiating efforts and reason for rejecting quotes from EDGE subcontractor/supplier.
- Documentation of good faith efforts (GFE) to meet the EDGE subcontract goal by looking beyond the items typically subcontracted or consideration of subcontracting items normally performed by the prime contractor as a way to meet the EDGE goal.

The Administrator will review the submitted documentation and issue a written decision within ten (10) business days. The contractor may request administrative reconsideration within fourteen (14) days of being informed that it did not perform a GFE. The contractor must make this request in writing to the following official:

Ohio Department of Transportation Attention: Administrator, Division of Opportunity, Diversity, & Inclusion Mail Stop #3270 1980 West Broad Street Columbus, Ohio 43223

The reconsideration official will not have played any role in the original determination that the contractor did not document sufficient good faith efforts.

As part of this reconsideration, the contractor will have the opportunity to provide written documentation or an argument concerning the issue of whether it met the goal or made adequate good faith efforts to do so. ODOT will send the contractor a written decision on reconsideration explaining the basis for finding that the contractor did or did not meet the goal or make adequate good faith efforts. The result of the reconsideration process may be appealed to the Court of Claims.

AFFIDAVIT OF SUBCONTRACTOR PAYMENTS MADE TO EDGE SUBCONTRACTORS/SUPPLIERS

The Ohio Revised Code 122.922 requires ODOT to monitor and verify the work subcontracted to EDGE subcontractors/suppliers is actually performed by the EDGE subcontractor/supplier. The affidavit seeks to verify payments made to EDGE subcontractors/suppliers on the project. Each EDGE subcontractor/supplier must verify the actual payment amount.

The blank spaces in the affidavit must be filled in correctly where indicated. The affidavit must be signed by the contractor and subcontractor or by the subcontractor and EDGE subcontractor/supplier, if applicable. By signing the affidavit, the noted subcontractors/suppliers agree the payment amount recorded is true and accurate as of the payment time period.

Completed and signed affidavits shall be mailed to the Ohio Department of Transportation, Division of Opportunity, Diversity & Inclusion, Mail Stop #3270, 1980 West Broad Street, Columbus, Ohio 43223.

SANCTIONS FOR FAILURE TO MEET EDGE GOAL AND DEMONSTRATE GOOD FAITH EFFORT

ODOT will issue sanctions if the contractor chooses not to request a waiver, fails to comply with the contract requirements, and/or fails to demonstrate the necessary good faith effort.

ODOT may impose any of the following sanctions:

- Letter of Reprimand
- liquidated damages computed up to the amount of goal dollars not met
- cross-withhold from future projects
- contract termination
- other remedies available by law including suspension, revocation, and/or debarment

Factors to be considered in issuing sanctions include, but are not limited to:

- the magnitude and the type of offense
- the degree of the contractor's culpability
- any steps taken to rectify the situation
- the contractor's record of performance on other projects including, but not limited to:
 - annual EDGE participation over EDGE goals;
 - o annual EDGE participation on projects without goals;
 - o number of complaints ODOT has received from EDGE subcontractors/suppliers regarding the contractor; and
 - number of times the contractor has been previously sanctioned by ODOT
- whether the contractor falsified, misrepresented, or withheld information