

May 1, 2015

**ADDENDUM NO. 1
TO
BID DOCUMENTS FOR THE
HEWETT DRIVE, RUSSELL ROAD, RUSSETT ROAD, AND REDEEMER AVENUE
WATER MAIN REPLACEMENT PROJECT
FOR THE
CITY OF ANN ARBOR, MICHIGAN**

The following changes, additions, and/or deletions shall be made to the Bid Documents for the Hewett Drive, Russell Road, Russett Road, and Redeemer Avenue Water Main Replacement Project, for the City of Ann Arbor, Michigan, ITB No. 4378.

The information contained herein shall take precedence over the original documents and all previous addenda, and is appended thereto. **This Addendum includes 84 page(s).**

The Contractor is to acknowledge receipt of this Addendum No. 1 on page P-1 of the Bid Documents prior to submitting its Proposal.

Changes in the Bid Documents which are outlined below are referenced to a page or drawing in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they affect work or details in other areas not specifically referenced here.

- Item #1: Summary and Attendance Record from the April 23, 2015, Pre-Bid Conference; pages ADD-1-3 thru ADD-1-6.
- Item #2: Bid Documents, Advertisement, page AD-1; replace this page with the attached page ADD-1-7.
- Item #3: Bid Documents, Bid Form, pages BF-1 thru BF-6; replace these pages with the attached pages ADD-1-8 thru ADD-1-14. An electronic file (Microsoft Excel format), *ITB 4378_2013-034 Bid Form.xlsx*, is available on the MITN website for use in completing the bid.
- Item #4: Detailed Specification for Concrete Sidewalks, Sidewalk Ramps, and Driveway Approaches pages DS-47 and DS-48; replace these pages with the attached pages ADD-1-15 and ADD-1-16.
- Item #5: Detailed Specification for Concrete Curb and Gutter, and Driveway Openings pages DS-45; replace this page with the attached page ADD-1-17.
- Item #6: Bid Documents, Appendix C – Wage Decisions.

Item #7: Contract Plan Set; replace originally issued plan set file *ITB 4378_2013-034 Bid Plan Set 22x34_FINAL.pdf* with the file below.

- *ITB 4378_2013-034 Bid Plan Set 22x34_FINAL_ADDENDUM 1.pdf*

Changes include the following:

Plan Sheet 1 (Cover) – Signed and sealed.

Plan Sheet 2 (Notes) – Added CONSTRUCTION SEQUENCE notes; revised STORM SEWER STRUCTURE TABLE so that existing structure numbers in table match those shown on removal, water main, and road grading plan sheets; and removed SANITARY SEWER STRUCTURE TABLE.

Plan Sheet 3 (Legend) – Added SANITARY SEWER STRUCTURE TABLE, and revised it so that existing structure numbers in table match those shown on removal, water main, and road grading plan sheets.

Plan Sheet 4 (Road Sections and Trench Details) – Revised UTILITY TRENCH details.

Plan Sheets 6 thru 9 (Removals) – Revised sheets to show existing storm and sanitary sewer structure numbers; changed quantity and pay unit for sidewalk, sidewalk ramps, and driveway approach removals from square foot (SF) to square yard (SYD); and revised REMOVAL KEY so that contains only descriptions for removal items of work.

Plan Sheets 10 thru 19 (Water Main Plan & Profile) – Revised sheets to show existing storm and sanitary sewer structure numbers.

Plan Sheets 26 thru 29 (Road Grading) – Revised sheets to show existing storm and sanitary sewer structure numbers; changed quantity and pay unit for driveway approach construction from square foot (SF) to square yard (SYD) and for detectable warning surface from square foot (SF) to foot (LF); and revised CONSTRUCTION KEY to include pay items DR STRUCTURE, 24 INCH DIA and DR STRUCTURE COVER, TYPE K.

**Hewett Drive, Russell Road, Russett Road, Redeemer Avenue
Water Main Replacement Project
Pre-Bid Conference Summary
April 23, 2015**

1:00 p.m., 4th Floor Conference Room, City Hall

I. Introductions

II. General

a. Project Overview

Proposed work was described as a neighborhood project that involves replacing existing 6 inch water mains with new 8 inch and 12 inch water mains, and creating a looped connection to an adjacent neighborhood system. Construction includes installing approximately 3,160 feet of new water main combined within the Hewett Dr, Russell Rd, Russett Rd, Redeemer Ave street network, and installing approximately 1,270 feet of new water main through Fritz Park and Ann Arbor Public Schools (Eberwhite School) property to connect with an adjacent neighborhood network. Additional work within the project limits includes replacing sanitary sewer leads and concrete curb and gutter, as required, removing and replacing the HMA pavement, replacing sidewalk ramps influenced by the project and other related sidewalk work, and restoration.

It was noted the project bids are due on Tuesday, May 5, 2015, by 10:00 a.m.

b. Standard Specifications and Detailed Specifications

It was noted that project is unique for a City of Ann Arbor project in that construction will be in accordance with Michigan Department of Transportation (MDOT) 2012 Standard Specifications for Construction and not the City's Standard Specifications, which are dated. Requirements for associated project utility work (water main and sanitary sewer) as well as other work unique to the City are identified in the Detailed Specifications contained in the Bid/Contract documents.

i. Project Schedule & Payment

The project schedule was discussed as outlined in Detailed Specification for Project Schedule. It was noted that a recommendation to approve the award of the construction contract for this project is planned to be brought before City Council at its June 1, 2015, regularly scheduled meeting. It was also noted that pay estimates will be for this project on a monthly basis in accordance with the terms of the contract.

- Starting Date – June 15, 2015
- Completion Date – November 15, 2015 (Turf Establishment May 31, 2016)
- Project Phasing

It was noted that there is no specific phasing identified for the project; however, there is a requirement in the Detailed Specification for Project Schedule that all work on the Eberwhite Elementary School property must be complete by September 1, 2015.

- Hours of Work: 7:00 am – 8:00 pm Monday thru Saturday (Sundays w/permission)

ii. General Conditions

Attention was made to this Detailed Specification, and its requirements were reiterated.

iii. Project Supervision

Attention was made to this Detailed Specification, and its requirements were reiterated.

iv. Construction Sequence

It was noted that there is no specific construction sequencing identified on the plans or in the Detailed Specification, and that this information will be provided later via an addendum.

v. Special Concerns (local traffic access, tree protection...)

It was noted that local traffic is to be maintained during construction on the existing paved surface, and that only pavement impacted by the construction of water main and sanitary sewer work shall be removed until such work is complete. Driveway access to properties shall be maintained to the full extent possible, and closures will only be permitted with approval by the Engineer. The Contractor is responsible for coordinating any driveway closure(s) with the property owner. It was also noted that any street trees within the project limits not identified for removal shall be protected in accordance with the detail shown on the plans.

III. Construction

a. Construction area

The construction area was identified as the rights-of-way on the streets affected by this construction, and limits of any easements, all as shown on the plans.

b. Water Main Installation and Testing

Attention was made to the Detailed Specification identifying the requirements for this work.

c. Sanitary Sewer Lead Replacement

This project will allow property owners with substandard (Orangeburg pipe) sanitary sewer leads an opportunity to replace the portion beneath the street as part of the project work. The contractor will be responsible for performing this work and coordinating it with other project work at the direction of the Engineer.

d. Maintenance of Traffic (MOT) during construction

Attention was made to the Detailed Specification identifying the MOT requirements for the project.

IV. Addendum Items

No addenda have been issued to date for this project; however, one addendum is expected to address the above mentioned construction sequencing, the addition of street tree planting to replace those being removed, and any other items identified as a result of this meeting or questions submitted by interested bidders. This addendum is expected to be issued by next Tuesday, April 28 or Wednesday, April 29, 2015. All questions are due by 5:00 PM today.

V. Other Items

It was pointed out that the existing structure numbers in the storm sewer structure table don't match the information shown elsewhere in the plans. This will be corrected and the affected plans will be revised and reissued via an addendum.

A concern was expressed that the quantity for the pay item "Aggregate Base" seemed low, which raised the question about how the item was being paid for within the limits of the water main trench. The plans (utility trench detail) indicate that all backfill including sand, aggregates, and topsoil shall be included in the appropriate pay item for the water main pipe. The City stated it would review this item, and consider paying for it separately.

An inquiry was made as the amount of the current Engineer's Estimate of Cost for the project. The City stated the amount is \$1.455 million.

One last inquiry was made concerning the possibility of making available to bidders an electronic bid form. The City indicated the current format of form is Microsoft Excel, and that it would explore posting it on the MITN with the Procurement Services Office.

Contact Information:

David Dykman
Project Manager
Phone: (734) 794-6410 ext. 43685
Fax: (734) 994-1744
E-mail: ddykman@a2gov.org

PREBID MEETING SIGN-IN SHEET

**PROJECT: ITB No. 4378 - Hewett Drive, Russell Road, Russett Road, Redeemer Avenue
Water Main Replacement Project**

DATE: 04/23/2015

PLEASE PRINT

NAME	REPRESENTING	MAILING ADDRESS	TELEPHONE	EMAIL
David Dykman Project Manager	City of Ann Arbor - Project Management	Address: <u>301 E. Huron Street, P.O. Box 8647</u> City, State: <u>Ann Arbor, MI</u> Zip: <u>48107-8647</u>	Office: (734) <u>794-6410, x43685</u> Mobile: (734) <u>645-6560</u> Fax: (734) 994-1744	<u>ddykman@a2gov.org</u>
Jane Allen Project Engineer	City of Ann Arbor - Project Management	Address: <u>301 E. Huron Street, P.O. Box 8647</u> City, State: <u>Ann Arbor, MI</u> Zip: <u>48107-8647</u>	Office: (734) <u>794-6410, x43678</u> Mobile: Fax: (734) 994-1744	<u>jallen2@a2gov.org</u>
Amar Hamamy Civil Engineering Specialist	City of Ann Arbor - Project Management	Address: <u>301 E. Huron Street, P.O. Box 8647</u> City, State: <u>Ann Arbor, MI</u> Zip: <u>48107-8647</u>	Office: (734) <u>794-6410</u> Mobile: Fax: (734) 994-1744	<u>ahamamy@a2gov.org</u>
Ben Spada	Fonson Company, Inc.	Address: <u>7644 Whitmore Lake Rd.</u> City, State: <u>Brighton, MI</u> Zip: <u>48116</u>	Office: (810) <u>231-5788</u> Mobile: (810) <u>772-9197</u> Fax No. (810) <u>231-5404</u>	<u>bspada@fonsoninc.com</u>
Mike Tooley	BAILEY EXCAVATING	Address: <u>1073 TORD DR</u> City, State: <u>JACKSON MI</u> Zip: <u>49201</u>	Office: (517) <u>750-3030</u> Mobile: (517) <u>812-7515</u> Fax No. (517) <u>750-1095</u>	<u>miketebailey-excavating.com</u>
Jim Cherven	Evergreen Civil, LLC	Address: <u>143 Cadycentre, #303</u> City, State: <u>Northville, MI</u> Zip: <u>48167</u>	Office: (248) <u>374-1911</u> Mobile: () _____ Fax No. (248) <u>344-4905</u>	<u>jim@egreenllc.net</u>
DUSTON KIRKE	E.T. MACKENZIE	Address: <u>6400 JACKSON RD.</u> City, State: <u>ANN ARBOR, MI</u> Zip: <u>48103</u>	Office: (734) <u>761-5050</u> Mobile: (734) <u>761-5323</u> Fax No. () _____	<u>dkirke@MACKENZIE.CO.COM</u>
Ammar Hamamy	City of Ann Arbor	Address: ahamamy@a2gov.org City, State: _____ Zip: _____	Office: () _____ Mobile: (734) <u>330-1292</u> Fax No. () _____	<u>ahamamy@a2gov.org.</u>

ADVERTISEMENT FOR THE
HEWETT DRIVE, RUSSELL ROAD, RUSSETT ROAD, AND REDEEMER AVENUE
WATER MAIN REPLACEMENT PROJECT
CITY OF ANN ARBOR, MICHIGAN

ITB No. 4378

Sealed Bids will be received by the City of Ann Arbor Customer Service Desk, First (1st) Floor, Guy Larcom City Hall, on or before Tuesday, May 5, 2015, by 10:00 AM for construction of the Hewett Drive, Russell Road, Russett Road, and Redeemer Avenue Water Main Replacement Project. Bids will be publicly opened and read aloud at this time.

This project involves replacing existing 6 inch water mains with new 8 inch and 12 inch water mains, and creating a looped connection to an adjacent neighborhood system. Construction includes installing approximately 3,160 feet of new water main combined within the Hewett Dr, Russell Rd, Russett Rd, Redeemer Ave street network, and installing approximately 1,270 feet of new water main through Fritz Park and Ann Arbor Public Schools (Eberwhite School) property to connect with an adjacent neighborhood network. Additional work within the project limits includes replacing sanitary sewer leads and concrete curb and gutter, as required, removing and replacing the HMA pavement, replacing sidewalk ramps influenced by the project and other related sidewalk work, and restoration.

Bid documents, specifications, plans and addenda shall be downloaded by vendors at either of the following web sites, Michigan Inter-governmental Trade Network (MITN) www.mitn.info or City of Ann Arbor web site www.a2gov.org. It is the bidder's responsibility to verify they have obtained all information before submitting a bid.

Each Bid shall be accompanied by a certified check, or Bid Bond by a recognized surety, in the amount of 5% of the total of the bid price. A Bid, once submitted, becomes the property of the City. In the sole discretion of the City, the City reserves the right to allow a bidder to reclaim submitted documents provided the documents are requested and retrieved no later than 48 hours prior to the scheduled bid opening.

The successful Bidder will be required to furnish satisfactory performance and labor and material bonds in the amount of 100% of the bid price and satisfactory insurance coverage.

Precondition for entering into a contract with the City of Ann Arbor: (i) compliance with Chapter 112 of Title IX of the Code of the City of Ann Arbor. (ii) compliance with applicable prevailing wage and living wage requirements of Chapter 23 of Title I of the Code of the City of Ann Arbor. Further information is outlined in the contract documents.

After the time of opening, no Bid may be withdrawn for a period of 90 days. The City reserves the right to accept any Bid, to reject any or all Bids, to waive irregularities and/or informalities in any Bid, and to make the award in any manner the City believes to be in its best interest.

Any further information may be obtained from the Ann Arbor Procurement Office,
(734) 794-6500

CITY OF ANN ARBOR, MICHIGAN

BID FORM
Section 1 - Schedule of Prices

Hewett Dr, Russell Rd, Russett Rd, and Redeemer Ave Water Main Replacement Project
File No. 2013-034
ITB No. 4378

<u>Item No.</u>	<u>Item Description</u>	<u>Unit</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
1047051	Audio-visual Recording	LSUM	1.000	\$ _____	\$ _____
1047051	General Conditions, Max \$70,000	LSUM	1.000	\$ _____	\$ _____
1047051	Project Supervision, Max \$40,000	LSUM	1.000	\$ _____	\$ _____
2020002	Tree, Rem, 19 inch to 36 inch	Ea	3.000	\$ _____	\$ _____
2020004	Tree, Rem, 6 inch to 18 inch	Ea	11.000	\$ _____	\$ _____
2030011	Dr Structure, Rem	Ea	10.000	\$ _____	\$ _____
2030015	Sewer, Rem, Less than 24 inch	Ft	100.000	\$ _____	\$ _____
2040080	Exploratory Investigation, Vertical	Ft	75.000	\$ _____	\$ _____
2047001	Curb, Gutter, and Curb and Gutter, Any Type, Rem	Ft	2027.000	\$ _____	\$ _____
2047011	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem	Syd	4753.000	\$ _____	\$ _____
2050023	Granular Material, CI II	Cyd	100.000	\$ _____	\$ _____
2057011	Machine Grading, Modified	Syd	11354.000	\$ _____	\$ _____
2057021	Subgrade Undercutting	Cyd	100.000	\$ _____	\$ _____
2080036	Erosion Control, Silt Fence	Ft	200.000	\$ _____	\$ _____
2087050	Erosion Control, Inlet Filter	Ea	40.000	\$ _____	\$ _____
2090001	Project Cleanup	LSUM	1.000	\$ _____	\$ _____
3020001	Aggregate Base	Ton	100.000	\$ _____	\$ _____
3060020	Maintenance Gravel	Ton	150.000	\$ _____	\$ _____
TOTAL THIS PAGE				\$ _____	_____

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4020987	Sewer, CI IV, 12 inch, Tr Det B	Ft	100.000	\$ _____	\$ _____
4021260	Trench Undercut and Backfill	Cyd	50.000	\$ _____	\$ _____
4030010	Dr Structure Cover, Type B	Ea	34.000	\$ _____	\$ _____
4030050	Dr Structure Cover, Type K	Ea	10.000	\$ _____	\$ _____
4030200	Dr Structure, 24 inch dia	Ea	10.000	\$ _____	\$ _____
4030390	Dr Structure, Temp Lowering	Ea	10.000	\$ _____	\$ _____
4037050	Adjust Structure Cover	Ea	30.000	\$ _____	\$ _____
4047001	Underdrain, Subgrade, 6 inch, Special	Ft	6986.000	\$ _____	\$ _____
5010005	HMA Surface, Rem	Syd	11354.000	\$ _____	\$ _____
5010025	Hand Patching	Ton	40.000	\$ _____	\$ _____
5010703	HMA, LVSP	Ton	3280.000	\$ _____	\$ _____
6030005	Cement	Ton	0.500	\$ _____	\$ _____
8017011	Driveway, Nonreinf Conc, 6 inch, Modified	Syd	1322.000	\$ _____	\$ _____
8020004	Curb, Conc, Det E4	Ft	50.000	\$ _____	\$ _____
8027001	Curb and Gutter, Conc	Ft	1910.000	\$ _____	\$ _____
8027001	Driveway Opening, Conc, Det M, Modified	Ft	373.000	\$ _____	\$ _____
8037001	Detectable Warning Surface, Modified	Ft	35.000	\$ _____	\$ _____
8037010	Sidewalk Ramp, Conc, 6 inch, Modified	Sft	255.000	\$ _____	\$ _____
TOTAL THIS PAGE				\$ _____	_____

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8037010	Sidewalk, Conc, 4 inch, Modified	Sft	2353.000	\$ _____	\$ _____
8037010	Sidewalk, Conc, 6 inch, Modified	Sft	156.000	\$ _____	\$ _____
8087001	Fence, Protective, Modified	Ft	463.000	\$ _____	\$ _____
8107050	No Parking Sign	Ea	97.000	\$ _____	\$ _____
8110025	Pavt Mrkg, Ovly Cold Plastic, 6 inch, White	Ft	60.000	\$ _____	\$ _____
8110045	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	Ft	15.000	\$ _____	\$ _____
8110078	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	Ea	2.000	\$ _____	\$ _____
8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	Ea	10.000	\$ _____	\$ _____
8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	Ea	10.000	\$ _____	\$ _____
8120140	Lighted Arrow, Type C, Furn	Ea	2.000	\$ _____	\$ _____
8120141	Lighted Arrow, Type C, Oper	Ea	2.000	\$ _____	\$ _____
8120260	Plastic Drum, High Intensity, Lighted, Furn	Ea	50.000	\$ _____	\$ _____
8120261	Plastic Drum, High Intensity, Lighted, Oper	Ea	50.000	\$ _____	\$ _____
8120330	Sign, Portable, Changeable Message, Furn	Ea	1.000	\$ _____	\$ _____
8120331	Sign, Portable, Changeable Message, Oper	Ea	1.000	\$ _____	\$ _____
8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	400.000	\$ _____	\$ _____
8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	400.000	\$ _____	\$ _____
8120352	Sign, Type B, Temp, Prismatic, Special, Furn	Sft	100.000	\$ _____	\$ _____
TOTAL THIS PAGE				\$ _____	_____

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8120353	Sign, Type B, Temp, Prismatic, Special, Oper	Sft	100.000	\$ _____	\$ _____
8120370	Traf Regulator Control	LSUM	1.000	\$ _____	\$ _____
8127051	Minor Traffic Control, Max \$7,500	LSUM	1.000	\$ _____	\$ _____
8150335	Amelanchier x grandifolia 'Robin Hill', 2 inch	Ea	1.000	\$ _____	\$ _____
8150547	Betula nigra, tree form, 2 inch	Ea	1.000	\$ _____	\$ _____
8150808	Cercis canadensis, tree form, 2 inch	Ea	1.000	\$ _____	\$ _____
8152309	Malus 'Harvest Gold', 2 inch	Ea	3.000	\$ _____	\$ _____
8152312	Malus 'Indian Magic', 2 inch	Ea	3.000	\$ _____	\$ _____
8152315	Malus 'Prairie Fire', 2 inch	Ea	3.000	\$ _____	\$ _____
8152330	Malus 'Snowdrift', 2 inch	Ea	3.000	\$ _____	\$ _____
8152513	Nyssa sylvatica, 2 inch	Ea	3.000	\$ _____	\$ _____
8153113	Quercus robur, 2 inch	Ea	1.000	\$ _____	\$ _____
8153717	Syringa reticulata 'Ivory Silk', 1 3/4 inch	Ea	3.000	\$ _____	\$ _____
8167011	Slope Restoration	Syd	3039.000	\$ _____	\$ _____
8167011	Ball Field Restoration	Syd	450.000	\$ _____	\$ _____
8230075	Gate Well, Abandon	Ea	5.000	\$ _____	\$ _____
8230431	Gate Box, Adj, Case 1	Ea	2.000	\$ _____	\$ _____
8237001	Water Main, Abandon	Ft	3315.000	\$ _____	\$ _____
TOTAL THIS PAGE				\$ _____	_____

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8237001	Water Main, DI w/Polyethylene Wrap, 12 inch, Tr Det I Modified	Ft	1758.000	\$ _____	\$ _____
8237001	Water Main, DI w/Polyethylene Wrap, 12 inch, Tr Det VI Modified	Ft	365.000	\$ _____	\$ _____
8237001	Water Main, DI w/Polyethylene Wrap, 6 inch, Tr Det I Modified	Ft	81.000	\$ _____	\$ _____
8237001	Water Main, DI w/Polyethylene Wrap, 8 inch, Tr Det I Modified	Ft	2031.000	\$ _____	\$ _____
8237001	Water Main, DI w/Polyethylene Wrap, 8 inch, Tr Det VI Modified	Ft	127.000	\$ _____	\$ _____
8237001	Water Main, HDPE, 14 inch, Directional Drill	Ft	310.000	\$ _____	\$ _____
8237001	Water Service Tap and Lead, Excavate and Backfill	Ft	497.000	\$ _____	\$ _____
8237050	Fire Hydrant Assembly, w/Extensions, Complete	Ea	9.000	\$ _____	\$ _____
8237050	Fire Hydrant, Rem	Ea	2.000	\$ _____	\$ _____
8237050	Gate Valve-in-Box, 12 inch	Ea	5.000	\$ _____	\$ _____
8237050	Gate Valve-in-Box, 6 inch	Ea	1.000	\$ _____	\$ _____
8237050	Gate Valve-in-Box, 8 inch	Ea	7.000	\$ _____	\$ _____
8237050	Gate Valve-in-Well, 12 inch	Ea	1.000	\$ _____	\$ _____
8237050	Gate Valve-in-Well, 8 inch	Ea	1.000	\$ _____	\$ _____
8237050	Water Main, DI, 11.25 deg Bend, 12 inch	Ea	4.000	\$ _____	\$ _____
8237050	Water Main, DI, 11.25 deg Bend, 8 inch	Ea	2.000	\$ _____	\$ _____
8237050	Water Main, DI, 22.5 deg Bend, 12 inch	Ea	2.000	\$ _____	\$ _____
8237050	Water Main, DI, 22.5 deg Bend, 8 inch	Ea	7.000	\$ _____	\$ _____
TOTAL THIS PAGE				\$ _____	_____

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8237050	Water Main, DI, 45 deg Bend, 12 inch	Ea	13.000	\$ _____	\$ _____
8237050	Water Main, DI, 45 deg Bend, 8 inch	Ea	15.000	\$ _____	\$ _____
8237050	Water Main, DI, Reducer, 12 inch by 6 inch	Ea	2.000	\$ _____	\$ _____
8237050	Water Main, DI, Reducer, 12 inch by 8 inch	Ea	3.000	\$ _____	\$ _____
8237050	Water Main, DI, Reducer, 8 inch by 4 inch	Ea	1.000	\$ _____	\$ _____
8237050	Water Main, DI, Reducer, 8 inch X 6 inch	Ea	8.000	\$ _____	\$ _____
8237050	Water Main, DI, Tee, 12 inch by 12 inch	Ea	3.000	\$ _____	\$ _____
8237050	Water Main, DI, Tee, 12 inch by 8 inch	Ea	6.000	\$ _____	\$ _____
8237050	Water Main, DI, Tee, 6 inch by 6 inch	Ea	1.000	\$ _____	\$ _____
8237050	Water Main, DI, Tee, 8 inch by 6 inch	Ea	1.000	\$ _____	\$ _____
8237050	Water Main, DI, Tee, 8 inch by 8 inch	Ea	4.000	\$ _____	\$ _____
8237050	Water Main, Line Stop, Temp, 4 inch or 6 inch	Ea	2.000	\$ _____	\$ _____
8237050	Water Main, Tie-In	Ea	4.000	\$ _____	\$ _____
8507001	Sewer, SDR 26 PVC, Service Lead, 6 inch, Tr Det I Modified	Ft	100.000	\$ _____	\$ _____
8507050	Sewer, SDR 26 PVC, 45 deg Bend, 6 inch	Ea	10.000	\$ _____	\$ _____
8507050	Sewer, SDR 26 PVC, Riser, 6 inch	Ea	10.000	\$ _____	\$ _____
8507050	Sewer, SDR 26 PVC, Tee or Wye, 10 inch by 6 inch	Ea	10.000	\$ _____	\$ _____
8507050	Sewer, SDR 26 PVC, Tee or Wye, 8 inch by 6 inch	Ea	10.000	\$ _____	\$ _____
TOTAL THIS PAGE				\$ _____	_____

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	TOTAL FROM PAGE BF-1 (ADD-1-8)			\$ _____	
	TOTAL FROM PAGE BF-2 (ADD-1-9)			\$ _____	
	TOTAL FROM PAGE BF-3 (ADD-1-10)			\$ _____	
	TOTAL FROM PAGE BF-4 (ADD-1-11)			\$ _____	
	TOTAL FROM PAGE BF-5 (ADD-1-12)			\$ _____	
	TOTAL FROM PAGE BF-6 (ADD-1-13)			\$ _____	
	TOTAL BASE BID			\$ _____	

CITY OF ANN ARBOR
DETAILED SPECIFICATION
FOR
CONCRETE SIDEWALKS, SIDEWALK RAMPS, AND DRIVEWAY APPROACHES

AA:DAD

1 of 2

04/30/15

a. Description. This work shall consist of constructing concrete sidewalks, sidewalk ramps, or driveway approaches of the types as indicated on the plans in accordance with attached details, and as directed by the Engineer. All work shall be in accordance with sections 801 and 803 of the Michigan Department of Transportation (MDOT) 2012 Standard Specifications for Construction, and as specified herein.

b. Materials. The materials shall meet the requirements as specified sections 801 and 803 of the MDOT 2012 Standard Specifications for Construction and as required herein. The concrete mixture for driveway approaches shall be Grade P-NC (658 lbs/yd³ cement content) as specified in section 601 of the MDOT 2012 Standard Specifications.

The grade of concrete for all remaining items covered by this Detailed Specification shall be Grade P1 as specified in section 601 of the 2012 MDOT Standard Specifications for Construction. The Contractor may elect to add GGBFS to P1 mixtures in accordance with the requirements of the contract documents. No additional payment will be made for concrete mixtures containing GGBFS.

All concrete mixtures shall contain 6AA coarse aggregates which are either natural or limestone and meet the requirements of section 902 of the MDOT 2012 Standard Specifications for Construction.

It shall be the Contractor's sole responsibility to propose specific concrete mix designs which meet the requirements of this Detailed Specification.

c. Construction Methods. The Contractor is responsible to construct all sidewalks, sidewalk ramps, curbs, and all other concrete items within ADAAG compliance. All sidewalk and curb ramps must be constructed in accordance with MDOT Standard Plan Series R-28.

Where concrete is to be placed, it shall be placed on a minimum of 4 inches of Granular Material Class II compacted to 95% of its maximum dry density.

Prior to placing any concrete, the subgrade shall be completed and trimmed to final elevation. If a cold joint is required, the existing concrete is to be cleaned with compressed air to expose the aggregate in the concrete.

Where indicated on the plans, the Contractor shall horizontally sawcut curbs to provide openings for sidewalk ramps. The Engineer shall define the extent of sawcutting both horizontally and vertically. This work will not be paid for separately, but shall be included in the corresponding price of the ADA ramp to be placed.

All sidewalk ramps shall be installed with detectable warning units. Reference the Detailed Specification entitled "Detectable Warning Surface" for additional requirements.

d. Measurement and Payment. The completed work, as described, will be measured and paid for at the contract unit prices respectively for the following pay items:

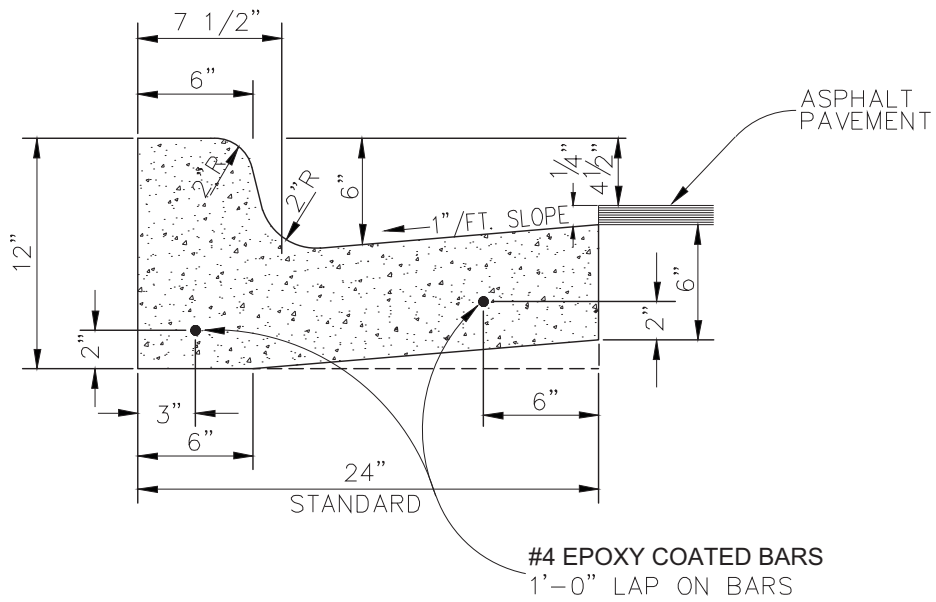
<u>Pay Item</u>	<u>Pay Unit</u>
Sidewalk, Conc, ___ inch, Modified.....	Square Foot
Sidewalk Ramp, Conc, ___ inch, Modified	Square Foot
Driveway, Nonreinf Conc, ___ inch, Modified.....	Square Yard


The above items will be measured by area in square feet and be paid for at their respective contract unit price, which price shall be payment in full for all labor, equipment and material needed to accomplish this work. The unit price shall also include all costs associated with sawcutting curbs to provide openings for sidewalk ramps as indicated on the plans.

Where the Engineer directs the use of high early strength concrete for pay items that are not specifically designated to use Grade "P-NC" concrete, the additional cement shall be paid for separately. No additional payment will be made for cement for pay items that are designated to use Grade "P-NC." concrete.

Excavation for placement of Granular Material Class II bedding material shall be included in the item of work **Machine Grading, Modified**, and shall not be paid for separately.

Detectable warning units shall be paid for in accordance with the Detailed Specification for Detectable Warning Surface.



REVISIONS					REV. NO.	DR. BY	CH. BY	DATE
PUBLIC SERVICES DEPARTMENT CITY OF ANN ARBOR								
BARRIER CURB AND GUTTER								
DR. BY	DF	CH. BY	CSS	DRAWING NO.				
SCALE	NONE	DATE	11-6-92	SD-R-1				
INCH	0  1			SHEET NO. _____ OF _____				

Appendix C

Wage Decisions

General Decision Number: MI150001 04/10/2015 MI1

Superseded General Decision Number: MI20140001

State: Michigan

Construction Types: Highway (Highway, Airport & Bridge xxxxx
and Sewer/Incid. to Hwy.)

Counties: Michigan Statewide.

Note: Executive Order (EO) 13658 establishes an hourly minimum wage of \$10.10 for 2015 that applies to all contracts subject to the Davis-Bacon Act for which the solicitation is issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.10 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/02/2015
1	03/06/2015
2	04/03/2015
3	04/10/2015

CARP0004-004 06/01/2013

REMAINDER OF STATE

	Rates	Fringes
CARPENTER (Piledriver).....	\$ 25.34	17.37

CARP0004-005 06/01/2013

LIVINGSTON (Townships of Brighton, Deerfield, Genoa, Hartland, Oceaola & Tyrone), MACOMB, MONROE, OAKLAND, SANILAC, ST. CLAIR AND WAYNE COUNTIES

	Rates	Fringes
CARPENTER (Piledriver).....	\$ 28.09	24.31

ELEC0017-005 06/02/2014

STATEWIDE

	Rates	Fringes
Line Construction		
Groundman/Driver.....	\$ 26.63	12.70
Journeyman Signal Tech, Communications Tech, Tower		
Tech & Fiber Optic Splicers.	\$ 36.16	15.37
Journeyman Specialist.....	\$ 41.58	16.89

Operator A.....	\$ 30.63	13.82
Operator B.....	\$ 28.62	13.26

Classifications

Journeyman Specialist: Refers to a crew of only one person working alone.

Operator A: Shall be proficient in operating all power equipment including: Backhoe, Excavator, Directional Bore and Boom/Digger truck.

Operator B: Shall be proficient in operating any 2 of the above mentioned pieces of equipment listed under Operator A.

 ENGI0324-003 06/01/2014

ALCONA, ALPENA, ARENAC, BAY, CHEBOYGAN, CLARE, CLINTON, CRAWFORD, GENESEE, GLADWIN, GRATIOT, HURON, INGHAM, IOSCO, ISABELLA, JACKSON, LAPEER, LENAWEE, LIVINGSTON, MACOMB, MIDLAND, MONROE, MONTMORENCY, OAKLAND, OGEMAW, OSCODA, OTSEGO, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. CLAIR, SANILAC, SHIAWASSEE, TUSCOLA, WASHTENAW AND WAYNE COUNTIES:

	Rates	Fringes
OPERATOR: Power Equipment		
(Steel Erection)		
GROUP 1.....	\$ 43.57	21.55
GROUP 2.....	\$ 44.57	21.55
GROUP 3.....	\$ 42.07	21.55
GROUP 4.....	\$ 43.07	21.55
GROUP 5.....	\$ 40.57	21.55
GROUP 6.....	\$ 41.57	21.55
GROUP 7.....	\$ 40.30	21.55
GROUP 8.....	\$ 41.30	21.55
GROUP 9.....	\$ 39.85	21.55
GROUP 10.....	\$ 40.85	21.55
GROUP 11.....	\$ 39.12	21.55
GROUP 12.....	\$ 40.12	21.55
GROUP 13.....	\$ 38.76	21.55
GROUP 14.....	\$ 39.76	21.55
GROUP 15.....	\$ 38.12	21.55
GROUP 16.....	\$ 36.42	21.55
GROUP 17.....	\$ 31.31	21.55
GROUP 18.....	\$ 29.90	21.55

FOOTNOTE:

Paid Holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Engineer when operating combination of boom and jib 400' or longer

GROUP 2: Engineer when operating combination of boom and jib 400' or longer on a crane that requires an oiler

GROUP 3: Engineer when operating combination of boom and jib 300' or longer

GROUP 4: Engineer when operating combination of boom and jib 300' or longer on a crane that requires an oiler

GROUP 5: Engineer when operating combination of boom and jib 220' or longer

GROUP 6: Engineer when operating combination of boom and jib 220' or longer on a crane that requires an oiler

GROUP 7: Engineer when operating combination of boom and jib 140' or longer

GROUP 8: Engineer when operating combination of boom and jib 140' or longer on a crane that requires an oiler

GROUP 9: Tower crane & derrick operator (where operator's work station is 50 ft. or more above first sub-level)

GROUP 10: Tower crane & derrick operator (where operator's work station is 50 ft. or more above first sub-level) on a crane that requires an oiler

GROUP 11: Engineer when operating combination of boom and jib 120' or longer

GROUP 12: Engineer when operating combination of boom and jib 120' or longer on a crane that requires an oiler

GROUP 13: Crane operator; job mechanic and 3 drum hoist and excavator

GROUP 14: Crane operator on a crane that requires an oiler

GROUP 15: Hoisting operator; 2 drum hoist and rubber tired backhoe

GROUP 16: Forklift and 1 drum hoist

GROUP 17: Compressor or welder operator

GROUP 18: Oiler

ENGI0324-004 06/01/2014

AREA 1: ALLEGAN, BARRY, BERRIEN, BRANCH, CALHOUN, CASS, EATON, HILLSDALE, IONIA, KALAMAZOO, KENT, LAKE, MANISTEE, MASON, MECOSTA, MONTCALM, MUSKEGON, NEWAYGO, OCEANA, OSCEOLA, OTTAWA, ST. JOSEPH, VAN BUREN

AREA 2: ANTRIM, BENZIE, CHARLEVOIX, EMMET, GRAND TRAVERSE,
KALKASKA, LEELANAU, MISSAUKEE AND WEXFORD COUNTIES:

	Rates	Fringes
OPERATOR: Power Equipment (Steel Erection)		
AREA 1		
GROUP 1.....	\$ 29.44	21.70
GROUP 2.....	\$ 29.19	21.70
GROUP 3.....	\$ 28.69	21.70
GROUP 4.....	\$ 23.59	21.70
GROUP 5.....	\$ 21.94	21.70
GROUP 6.....	\$ 19.34	21.70
AREA 2		
GROUP 1.....	\$ 29.44	21.70
GROUP 2.....	\$ 29.19	21.70
GROUP 3.....	\$ 28.19	21.70
GROUP 4.....	\$ 23.29	21.70
GROUP 5.....	\$ 21.64	21.70
GROUP 6.....	\$ 18.84	21.70

FOOTNOTES:

Crane operator with main boom and jib 300' or longer: \$1.50 additional to the group 1 rate. Crane operator with main boom and jib 400' or longer: \$3.00 additional to the group 1 rate.

PAID HOLIDAYS: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS:

GROUP 1: Crane Operator with main boom & jib 400', 300', or 220' or longer.

GROUP 2: Crane Operator with main boom & jib 140' or longer, Tower Crane; Gantry Crane; Whirley Derrick.

GROUP 3: Regular Equipment Operator, Crane, Dozer, Loader, Hoist, Straddle Wagon, Mechanic, Grader and Hydro Excavator.

GROUP 4: Air Tugger (single drum), Material Hoist Pump 6" or over, Elevators, Brokk Concrete Breaker.

GROUP 5: Air Compressor, Welder, Generators, Conveyors

GROUP 6: Oiler and fire tender

ENGI0324-005 09/01/2014

AREA 1: GENESEE, LAPEER, LIVINGSTON, MACOMB, MONROE, OAKLAND,
ST. CLAIR, WASHTENAW AND WAYNE COUNTIES

AREA 2: ALCONA, ALLEGAN, ALGER, ALPENA, ANTRIM, ARENAC, BARAGA,

BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS,
 CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD,
 DELTA, DICKINSON, EATON, EMMET, GLADWIN, GOGEBIC, GRAND
 TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA,
 IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT,
 KWEENAW, LAKE, LEELANAU, LENAWEE, LUCE, MACKINAC, MANISTEE,
 MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE,
 MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW,
 ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE,
 ROSCOMMON, SAGINAW, SANILAC, SCHOOLCRAFT, SHIAWASSEE, ST.
 JOSEPH, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

	Rates	Fringes
OPERATOR: Power Equipment		
(Underground construction		
(including sewer))		
AREA 1:		
GROUP 1.....	\$ 30.48	21.15
GROUP 2.....	\$ 25.75	21.15
GROUP 3.....	\$ 25.02	21.15
GROUP 4.....	\$ 24.45	21.15
AREA 2:		
GROUP 1.....	\$ 28.77	21.15
GROUP 2.....	\$ 23.88	21.15
GROUP 3.....	\$ 23.38	21.15
GROUP 4.....	\$ 23.10	21.15

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Backfiller tamper; Backhoe; Batch plant operator (concrete); Clamshell; Concrete paver (2 drums or larger); Conveyor loader (Euclid type); Crane (crawler, truck type or pile driving); Dozer; Dragline; Elevating grader; Endloader; Gradall (and similar type machine); Grader; Mechanic; Power shovel; Roller (asphalt); Scraper (self-propelled or tractor drawn); Side boom tractor (type D-4 or equivalent and larger); Slip form paver; Slope paver; Trencher (over 8 ft. digging capacity); Well drilling rig; Concrete pump with boom operator; Hydro Excavator

GROUP 2: Boom truck (power swing type boom); Crusher; Hoist; Pump (1 or more - 6-in. discharge or larger - gas or diesel- powered or powered by generator of 300 amperes or more - inclusive of generator); Side boom tractor (smaller than type D-4 or equivalent); Tractor (pneu-tired, other than backhoe or front end loader); Trencher (8-ft. digging capacity and smaller); Vac Truck

GROUP 3: Air compressors (600 cfm or larger); Air compressors (2 or more-less than 600 cfm); Boom truck (non-swinging, non- powered type boom); Concrete breaker (self-propelled or truck mounted - includes compressor); Concrete paver (1 drum-1/2 yd. or larger); Elevator (other than passenger); Maintenance person; Pump (2 or more-4-in. up to 6-in. discharge-gas or diesel powered - excluding submersible

pumps); Pumpcrete machine (and similar equipment); Wagon drill (multiple); Welding machine or generator (2 or more-300 amp. or larger - gas or diesel powered)

GROUP 4: Boiler; Concrete saw (40 hp or over); Curing machine (self-propelled); Farm tractor (with attachment); Finishing machine (concrete); Fire person; Hydraulic pipe pushing machine; Mulching equipment; Oiler; Pumps (2 or more up to 4-in. discharge, if used 3 hours or more a day, gas or diesel powered - excluding submersible pumps); Roller (other than asphalt); Stump remover; Trencher (service); Vibrating compaction equipment, self-propelled (6 ft. wide or over); End dump operator; Sweeper (Wayne type); Water wagon and Extend-a boom forklift

 ENGI0324-006 06/01/2014

AREA 1: GENESEE, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES

AREA 2: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LIVINGSTON, LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. CLARE, ST. JOSEPH, SANILAC, SCHOOLCRAFT, SHIAWASSEE, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

	Rates	Fringes
Power equipment operators: (AIRPORT, BRIDGE & HIGHWAY CONSTRUCTION)		
AREA 1		
GROUP 1.....	\$ 30.26	21.85
GROUP 2.....	\$ 23.53	21.85
GROUP 3.....	\$ 24.83	21.85
GROUP 4.....	\$ 22.97	21.85
GROUP 5.....	\$ 22.80	21.85
AREA 2		
GROUP 1.....	\$ 30.26	21.85
GROUP 2.....	\$ 23.38	21.85
GROUP 3.....	\$ 24.68	21.85
GROUP 4.....	\$ 22.82	21.85
GROUP 5.....	\$ 22.50	21.85

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Asphalt plant operator; Crane operator (does not include work on bridge construction projects when the crane operator is erecting structural components); Dragline

operator; Shovel operator; Locomotive operator; Paver operator (5 bags or more); Elevating grader operator; Pile driving operator; Roller operator (asphalt); Blade grader operator; Trenching machine operator (ladder or wheel type); Auto-grader; Slip form paver; Self-propelled or tractor-drawn scraper; Conveyor loader operator (Euclid type); Endloader operator (1 yd. capacity and over); Bulldozer; Hoisting engineer; Tractor operator; Finishing machine operator (asphalt); Mechanic; Pump operator (6-in. discharge or over, gas, diesel powered or generator of 300 amp. or larger); Shouldering or gravel distributing machine operator (self-propelled); Backhoe (with over 3/8 yd. bucket); Side boom tractor (type D-4 or equivalent or larger); Tube finisher (slip form paving); Gradall (and similar type machine); Asphalt paver (self-propelled); Asphalt planer (self-propelled); Batch plant (concrete-central mix); Slurry machine (asphalt); Concrete pump (3 in. and over); Roto-mill; Swinging boom truck (over 12 ton capacity); Hydro demolisher (water blaster); Farm-type tractor with attached pan

GROUP 2: Screening plant operator; Washing plant operator; Crusher operator; Backhoe (with 3/8 yd. bucket or less); Side boom tractor (smaller than D-4 type or equivalent); Sweeper (Wayne type and similar equipment); Vacuum truck operator; Batch plant (concrete dry batch)

GROUP 3: Grease Truck

GROUP 4: Air compressor operator (600 cu. ft. per min or more); Air compressor operator (two or more, less than 600 cfm); Wagon drill operator; Concrete breaker; Tractor operator (farm type with attachment)

GROUP 5: Boiler fire tender; Oiler; Fire tender; Trencher (service); Flexplane operator; Cleftplane operator; Grader operator (self-propelled fine-grade or form (concrete)); Finishing machine operator (concrete); Boom or winch hoist truck operator; Endloader operator (under 1 yd. capacity); Roller operator (other than asphalt); Curing equipment operator (self-propelled); Concrete saw operator (40 h.p. or over); Power bin operator; Plant drier operator (asphalt); Vibratory compaction equipment operator (6 ft. wide or over); Guard post driver operator (power driven); All mulching equipment; Stump remover; Concrete pump (under 3-in.); Mesh installer (self-propelled); Tractor operator (farm type); End dump; Skid steer

ENGI0324-007 07/01/2014

ALGER, BARAGA, CHIPPEWA, DELTA, DICKINSON, GOGEBIC, HOUGHTON, IRON, KEWEENAW, LUCE, MACKINAC MARQUETTE, MENOMINEE, ONTONAGON AND SCHOOLCRAFT COUNTIES:

Rates

Fringes

OPERATOR: Power Equipment
 (Steel Erection)

Compressor, welder and forklift.....	\$ 24.61	21.55
Crane operator, main boom & jib 120' or longer.....	\$ 28.36	21.55
Crane operator, main boom & jib 140' or longer.....	\$ 28.61	21.55
Crane operator, main boom & jib 220' or longer.....	\$ 28.86	21.55
Mechanic with truck and tools.....	\$ 29.36	21.55
Oiler and fireman.....	\$ 23.31	21.55
Regular operator.....	\$ 27.86	21.55

ENGI0324-008 11/01/2014

ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY,
 BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX,
 CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA,
 DICKINSON, EATON, EMMET, GENESEE, GLADWIN, GOGEBIC, GRAND
 TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA,
 IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT,
 KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LIVINGSTON, LUCE,
 MACKINAC, MACOMB, MANISTEE, MARQUETTE, MASON, MECOSTA,
 MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MONROE,
 MUSKEGON, NEWAYGO, OAKLAND, OCEANA, OGEMAW, ONTONAGON, OSCEOLA,
 OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST.
 CLARE, ST. JOSEPH, SANILAC, SCHOOLCRAFT, SHIAWASSEE, TUSCOLA,
 VAN BUREN, WASHTENAW, WAYNE AND WEXFORD COUNTIES

	Rates	Fringes
OPERATOR: Power Equipment (Sewer Relining)		
GROUP 1.....	\$ 29.98	12.75
GROUP 2.....	\$ 28.45	12.75

SEWER RELINING CLASSIFICATIONS

GROUP 1: Operation of audio-visual closed circuit TV system,
 including remote in-ground cutter and other equipment used
 in connection with the CCTV system

GROUP 2: Operation of hot water heaters and circulation
 systems, water jettors and vacuum and mechanical debris
 removal systems

ENGI0325-012 05/01/2014

AREA 1: MACOMB, MONROE, OAKLAND, ST. CLAIR, WASHTENAW AND WAYNE
 COUNTIES

AREA 2: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA,
 BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX,
 CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA,

DICKINSON, EATON, EMMET, GENESEE, GLADWIN, GOGEBIC, GRAND TRVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LIVINGSTON LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. JOSEPH, SANILAC, SCHOOLCRAFT, SHIAWASSEE, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

	Rates	Fringes
Power equipment operators - gas distribution and duct installation work:		
AREA 1		
GROUP 1.....	\$ 27.83	21.80
GROUP 2.....	\$ 27.70	21.80
GROUP 3.....	\$ 26.58	21.80
GROUP 4.....	\$ 26.00	21.80
AREA 2		
GROUP 1.....	\$ 26.92	21.80
GROUP 2-A.....	\$ 26.82	21.80
GROUP 2-B.....	\$ 26.60	21.80
GROUP 3.....	\$ 25.82	21.80
GROUP 4.....	\$ 25.32	21.80

SCOPE OF WORK: The construction, installation, treating and reconditioning of pipelines transporting gas vapors within cities, towns, subdivisions, suburban areas, or within private property boundaries, up to and including private meter settings of private industrial, governmental or other premises, more commonly referred to as "distribution work," starting from the first metering station, connection, similar or related facility, of the main or cross country pipeline and including duct installation.

AREA 1:

GROUP 1: Backhoe, crane, grader, mechanic, dozer (D-6 equivalent or larger), side boom (D-4 equivalent or larger), trencher(except service), endloader (2 yd. capacity or greater).

GROUP 2: Dozer (less than D-6 equivalent), endloader (under 2 yd. capacity), side boom (under D-4 capacity), backfiller, pumps (1 or 2 of 6-inch discharge or greater), boom truck (with powered boom), tractor (wheel type other than backhoe or front endloader).

GROUP 3: Tamper (self-propelled), boom truck (with non-powered boom), concrete saw (20 hp or larger), pumps (2 to 4 under 6-inch discharge), compressor (2 or more or when one is used continuously into the second day) and trencher(service).

GROUP 4: Oiler, hydraulic pipe pushing machine, grease person

and hydrostatic testing operator.

AREA 2:

GROUP 1: Mechanic, crane (over 1/2 yd. capacity), backhoe (over 1/2 yd. capacity), grader (Caterpillar 12 equivalent or larger)

GROUP 2-A: Trencher(except service), backhoe (1/2 yd. capacity or less)

GROUP 2-B: Crane (1/2 yd. capacity or less), compressor (2 or more), dozer (D-4 equivalent or larger), endloader (1 yd. capacity or larger), pump (1 or 2 six-inch or larger), side boom (D-4 equivalent or larger)

GROUP 3: Backfiller, boom truck (powered), concrete saw (20 hp or larger), dozer (less than D-4 equivalent), endloader (under 1 yd. capacity), farm tractor (with attachments), pump (2 - 4 under six-inch capacity), side boom tractor(less than D-4 equivalent), tamper (self-propelled), trencher service and grader maintenance

GROUP 4: Oiler, grease person and hydrostatic testing operator

IRON0008-007 06/01/2013

ALGER, BARAGA, CHIPPEWA, DELTA, DICKINSON, GOGEBIC, HOUGHTON, IRON, KEWEENAW, LUCE, MACKINAC MARQUETTE, MENOMINEE, ONTONAGON AND SCHOOLCRAFT COUNTIES:

	Rates	Fringes
Ironworker - pre-engineered metal building erector.....	\$ 23.70	6.95
IRONWORKER		
General contracts		
\$10,000,000 or greater.....	\$ 25.75	23.17
General contracts less than \$10,000,000.....	\$ 22.53	23.17

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0025-002 06/01/2014

ALCONA, ALPENA, ARENAC, BAY, CHEBOYGAN, CLARE, CLINTON, CRAWFORD, GENESEE, GLADWIN, GRATIOT, HURON, INGHAM, IOSCO, ISABELLA, JACKSON, LAPEER, LIVINGSTON, MACOMB, MIDLAND, MONTMORENCY, OAKLAND, OGEMAW, OSCODA, OTSEGO, PRESQUE ISLE, ROSCOMMON, SAGINAW, SANILAC, SHIAWASSEE, ST. CLAIR, TUSCOLA, WASHTENAW AND WAYNE COUNTIES:

	Rates	Fringes
Ironworker - pre-engineered		

metal building erector

Alcona, Alpena, Arenac, Cheboygan, Clare, Clinton, Crawford, Gladwin, Gratiot, Huron, Ingham, Iosco, Isabella, Jackson, Lapeer, Livingston (west of Burkhardt Road), Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon, Sanilac, Shiawassee, Tuscola & Washtenaw (west of U.S. 23).	\$ 22.17	20.13
Bay, Genesee, Lapeer, Livingston (east of Burkhardt Road), Macomb, Midland, Oakland, Saginaw, St. Clair, The University of Michigan, Washtenaw (east of U.S. 23) & Wayne...	\$ 23.39	21.13

IRONWORKER

Ornamental and Structural...	\$ 33.78	26.97
Reinforcing.....	\$ 28.30	24.60

IRON0055-005 07/01/2013

LENAWEE AND MONROE COUNTIES:

	Rates	Fringes
IRONWORKER		
Pre-engineered metal buildings.....	\$ 23.59	19.35
All other work.....	\$ 28.32	19.35

IRON0292-003 06/01/2014

BERRIEN AND CASS COUNTIES:

	Rates	Fringes
IRONWORKER (Including pre-engineered metal building erector).....	\$ 27.62	18.66

IRON0340-001 06/01/2014

ALLEGAN, ANTRIM, BARRY, BENZIE, BRANCH, CALHOUN, CHARLEVOIX,
EATON, EMMET, GRAND TRAVERSE, HILLSDALE, IONIA, KALAMAZOO,
KALKASKA, KENT, LAKE, LEELANAU, MANISTEE, MASON, MECOSTA,
MISSAUKEE, MONTCALM, MUSKEGON, NEWAYGO, OCEANA, OSCEOLA,
OTTAWA, ST. JOSEPH, VAN BUREN AND WEXFORD COUNTIES:

	Rates	Fringes
IRONWORKER (Including pre-engineered metal building erector).....	\$ 20.68	24.37

	Rates	Fringes
Laborers - hazardous waste abatement: (ALCONA, ALPENA, ANTRIM, BENZIE, CHARLEVOIX, CHEBOYGAN, CRAWFORD, EMMET, GRAND TRAVERSE, IOSCO, KALKASKA, LEELANAU, MISSAUKEE, MONTMORENCY, OSCODA, OTSEGO, PRESQUE ISLE AND WEXFORD COUNTIES - Zone 10)		
Levels A, B or C.....	\$ 17.45	12.75
Work performed in conjunction with site preparation not requiring the use of personal protective equipment;		
Also, Level D.....	\$ 16.45	12.75
Laborers - hazardous waste abatement: (ALGER, BARAGA, CHIPPEWA, DELTA, DICKINSON, GOGEBIC, HOUGHTON, IRON, KEWEENAW, LUCE, MACKINAC, MARQUETTE, MENOMINEE, ONTONAGON AND SCHOOLCRAFT COUNTIES - Zone 11)		
Levels A, B or C.....	\$ 20.91	12.78
Work performed in conjunction with site preparation not requiring the use of personal protective equipment;		
Also, Level D.....	\$ 19.91	12.78
Laborers - hazardous waste abatement: (ALLEGAN, BARRY, BERRIEN, BRANCH, CALHOUN, CASS, IONIA COUNTY (except the city of Portland); KALAMAZOO, KENT, LAKE, MANISTEE, MASON, MECOSTA, MONTCALM, MUSKEGON, NEWAYGO, OCEANA, OSCEOLA, OTTAWA, ST. JOSEPH AND VAN BUREN COUNTIES - Zone 9)		
Levels A, B or C.....	\$ 19.99	12.75
Work performed in conjunction with site preparation not requiring the use of personal protective equipment;		
Also, Level D.....	\$ 18.99	12.75
Laborers - hazardous waste abatement: (ARENAC, BAY, CLARE, GLADWIN, GRATIOT, HURON, ISABELLA, MIDLAND,		

OGEMAW, ROSCOMMON, SAGINAW AND TUSCOLA COUNTIES - Zone 8)		
Levels A, B or C.....\$ 20.02		12.75
Work performed in conjunction with site preparation not requiring the use of personal protective equipment;		
Also, Level D.....\$ 19.02		12.75
Laborers - hazardous waste abatement: (CLINTON, EATON AND INGHAM COUNTIES; IONIA COUNTY (City of Portland); LIVINGSTON COUNTY (west of Oak Grove Rd., including the City of Howell) - Zone 6)		
Levels A, B or C.....\$ 23.29		12.75
Work performed in conjunction with site preparation not requiring the use of personal protective equipment;		
Also, Level D.....\$ 22.29		12.75
Laborers - hazardous waste abatement: (GENESEE, LAPEER AND SHIAWASSEE COUNTIES - Zone 7)		
Levels A, B or C.....\$ 23.40		12.79
Work performed in conjunction with site preparation not requiring the use of personal protective equipment;		
Also, Level D.....\$ 22.40		12.79
Laborers - hazardous waste abatement: (HILLSDALE, JACKSON AND LENAWEE COUNTIES - Zone 4)		
Levels A, B or C.....\$ 30.00		14.09
Work performed in conjunction with site preparation not requiring the use of personal protective equipment;		
Also, Level D.....\$ 29.00		14.09
Laborers - hazardous waste abatement: (LIVINGSTON COUNTY (east of Oak Grove Rd. and south of M-59, excluding the city of Howell); AND WASHTENAW COUNTY - Zone 3)		
Levels A, B or C.....\$ 29.32		13.85
Work performed in conjunction with site preparation not requiring the use of personal		

protective equipment;		
Also, Level D.....	\$ 28.32	13.85
Laborers - hazardous waste		
abatement: (MACOMB AND WAYNE		
COUNTIES - Zone 1)		
Levels A, B or C.....	\$ 27.94	16.55
Work performed in		
conjunction with site		
preparation not requiring		
the use of personal		
protective equipment;		
Also, Level D.....	\$ 26.94	16.55
Laborers - hazardous waste		
abatement: (MONROE COUNTY -		
Zone 4)		
Levels A, B or C.....	\$ 30.00	14.09
Work performed in		
conjunction with site		
preparation not requiring		
the use of personal		
protective equipment;		
Also, Level D.....	\$ 29.00	14.09
Laborers - hazardous waste		
abatement: (OAKLAND COUNTY		
and the Northeast portion of		
LIVINGSTON COUNTY bordered by		
Oak Grove Road on the West		
and M-59 on the South - Zone 2)		
Level A, B, C.....	\$ 27.94	16.55
Work performed in		
conjunction with site		
preparation not requiring		
the use of personal		
protective equipment;		
Also, Level D.....	\$ 26.94	16.55
Laborers - hazardous waste		
abatement: (SANILAC AND ST.		
CLAIR COUNTIES - Zone 5)		
Levels A, B or C.....	\$ 24.97	15.19
Work performed in		
conjunction with site		
preparation not requiring		
the use of personal		
protective equipment;		
Also, Level D.....	\$ 23.97	15.19

LABO0259-001 09/01/2014

AREA 1: MACOMB, OAKLAND AND WAYNE COUNTIES
AREA 2: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA,
BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX,
CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA,
DICKINSON, EATON, EMMET, GENESEE, GLADWIN, GOGEBIC, GRAND
TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA,
IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT,
KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LIVINGSTON, LUCE,

MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE,
 MIDLAND, MISSAUKEE, MONROE, MONTCALM, MONTMORENCY, MUSKEGON,
 NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO,
 OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. CLARE, ST.
 JOSEPH, SANILAC, SCHOOLCRAFT, SHIAWASSEE, TUSCOLA, VAN BUREN,
 WASHTENAW AND WEXFORD COUNTIES

	Rates	Fringes
Laborers - tunnel, shaft and caisson:		
AREA 1		
GROUP 1.....	\$ 21.57	16.28
GROUP 2.....	\$ 21.68	16.28
GROUP 3.....	\$ 21.74	16.28
GROUP 4.....	\$ 21.92	16.28
GROUP 5.....	\$ 22.17	16.28
GROUP 6.....	\$ 22.50	16.28
GROUP 7.....	\$ 15.78	16.28
AREA 2		
GROUP 1.....	\$ 22.80	12.75
GROUP 2.....	\$ 22.89	12.75
GROUP 3.....	\$ 22.99	12.75
GROUP 4.....	\$ 23.15	12.75
GROUP 5.....	\$ 23.41	12.75
GROUP 6.....	\$ 23.72	12.75
GROUP 7.....	\$ 15.99	12.75

SCOPE OF WORK: Tunnel, shaft and caisson work of every type and description and all operations incidental thereto, including, but not limited to, shafts and tunnels for sewers, water, subways, transportation, diversion, sewerage, caverns, shelters, aquifers, reservoirs, missile silos and steel sheeting for underground construction.

TUNNEL LABORER CLASSIFICATIONS

GROUP 1: Tunnel, shaft and caisson laborer, dump, shanty, hog house tender, testing (on gas) and watchman

GROUP 2: Manhole, headwall, catch basin builder, bricklayer tender, mortar machine and material mixer

GROUP 3: Air tool operator (jackhammer, bush hammer and grinder), first bottom, second bottom, cage tender, car pusher, carrier, concrete, concrete form, concrete repair, cement invert laborer, cement finisher, concrete shoveler, conveyor, floor, gasoline and electric tool operator, gunite, grout operator, welder, heading dinky person, inside lock tender, pea gravel operator, pump, outside lock tender, scaffold, top signal person, switch person, track, tigger, utility person, vibrator, winch operator, pipe jacking, wagon drill and air track operator and concrete saw operator (under 40 h.p.)

GROUP 4: Tunnel, shaft and caisson mucker, bracer, liner plate, long haul dinky driver and well point

GROUP 5: Tunnel, shaft and caisson miner, drill runner, key board operator, power knife operator, reinforced steel or mesh (e.g. wire mesh, steel mats, dowel bars, etc.)

GROUP 6: Dynamite and powder

GROUP 7: Restoration laborer, seeding, sodding, planting, cutting, mulching and top soil grading; and the restoration of property such as replacing mailboxes, wood chips, planter boxes, flagstones, etc.

LABO0334-001 09/01/2014

	Rates	Fringes
Laborers - open cut:		
ZONE 1 - MACOMB, OAKLAND AND WAYNE COUNTIES:		
GROUP 1.....	\$ 21.42	16.28
GROUP 2.....	\$ 21.53	16.28
GROUP 3.....	\$ 21.58	16.28
GROUP 4.....	\$ 21.66	16.28
GROUP 5.....	\$ 21.72	16.28
GROUP 6.....	\$ 19.17	16.28
GROUP 7.....	\$ 15.79	16.28
ZONE 2 - LIVINGSTON COUNTY (east of M-151 (Oak Grove Rd.)); MONROE AND WASHTENAW COUNTIES:		
GROUP 1.....	\$ 22.45	12.75
GROUP 2.....	\$ 22.56	12.46
GROUP 3.....	\$ 22.68	12.46
GROUP 4.....	\$ 22.75	12.46
GROUP 5.....	\$ 22.90	12.46
GROUP 6.....	\$ 20.20	12.46
GROUP 7.....	\$ 16.84	12.46
ZONE 3 - CLINTON, EATON, GENESEE, HILLSDALE AND INGHAM COUNTIES; IONIA COUNTY (City of Portland); JACKSON, LAPEER AND LENAWEE COUNTIES; LIVINGSTON COUNTY (west of M-151 Oak Grove Rd.); SANILAC, ST. CLAIR AND SHIAWASSEE COUNTIES:		
GROUP 1.....	\$ 20.64	12.75
GROUP 2.....	\$ 20.78	12.46
GROUP 3.....	\$ 20.90	12.46
GROUP 4.....	\$ 20.95	12.46
GROUP 5.....	\$ 21.09	12.46
GROUP 6.....	\$ 18.39	12.46
GROUP 7.....	\$ 15.54	12.46
ZONE 4 - ALCONA, ALLEGAN, ALPENA, ANTRIM, ARENAC,		

BARRY, BAY, BENZIE,
 BERRIEN, BRANCH,
 CALHOUN, CASS, CHARLEVOIX,
 CHEBOYGAN, CLARE,
 CRAWFORD, EMMET,
 GLADWIN, GRAND TRAVERSE,
 GRATIOT AND HURON
 COUNTIES; IONIA COUNTY
 (EXCEPT THE CITY OF
 PORTLAND); IOSCO,
 ISABELLA, KALAMAZOO,
 KALKASKA, KENT,
 LAKE, LEELANAU, MANISTEE,
 MASON, MECOSTA, MIDLAND,
 MISSAUKEE, MONTCALM,
 MONTMORENCY, MUSKEGON,
 NEWAYGO, OCEANA, OGEMAW,
 OSCEOLA, OSCODA, OTSEGO,
 OTTAWA, PRESQUE ISLE,
 ROSCOMMON, SAGINAW, ST.
 JOSEPH, TUSCOLA, VAN BUREN
 AND WEXFORD COUNTIES:

GROUP 1.....	\$ 19.65	12.75
GROUP 2.....	\$ 19.78	12.46
GROUP 3.....	\$ 19.89	12.46
GROUP 4.....	\$ 19.96	12.46
GROUP 5.....	\$ 20.08	12.46
GROUP 6.....	\$ 17.30	12.46
GROUP 7.....	\$ 15.64	12.46

ZONE 5 - ALGER, BARAGA,
 CHIPPEWA, DELTA,
 DICKINSON, GOGEBIC,
 HOUGHTON, IRON,
 KEWEENAW, LUCE, MACKINAC,
 MARQUETTE, MENOMINEE,
 ONTONAGON AND SCHOOLCRAFT
 COUNTIES:

GROUP 1.....	\$ 19.86	12.75
GROUP 2.....	\$ 20.00	12.46
GROUP 3.....	\$ 20.13	12.46
GROUP 4.....	\$ 20.18	12.46
GROUP 5.....	\$ 20.23	12.46
GROUP 6.....	\$ 17.61	12.46
GROUP 7.....	\$ 15.72	12.46

SCOPE OF WORK:

Open cut construction work shall be construed to mean work which requires the excavation of earth including industrial, commercial and residential building site excavation and preparation, land balancing, demolition and removal of concrete and underground appurtenances, grading, paving, sewers, utilities and improvements; retention, oxidation, flocculation and irrigation facilities, and also including but not limited to underground piping, conduits, steel sheeting for underground construction, and all work

incidental thereto, and general excavation. For all areas except the Upper Peninsula, open cut construction work shall also be construed to mean waterfront work, piers, docks, seawalls, breakwalls, marinas and all incidental work. Open cut construction work shall not include any structural modifications, alterations, additions and repairs to buildings, or highway work, including roads, streets, bridge construction and parking lots or steel erection work and excavation for the building itself and back filling inside of and within 5 ft. of the building and foundations, footings and piers for the building. Open cut construction work shall not include any work covered under Tunnel, Shaft and Caisson work.

OPEN CUT LABORER CLASSIFICATIONS

GROUP 1: Construction laborer

GROUP 2: Mortar and material mixer, concrete form person, signal person, well point person, manhole, headwall and catch basin builder, headwall, seawall, breakwall and dock builder

GROUP 3: Air, gasoline and electric tool operator, vibrator operator, driller, pump person, tar kettle operator, bracer, rodder, reinforced steel or mesh person (e.g., wire mesh, steel mats, dowel bars, etc.), welder, pipe jacking and boring person, wagon drill and air track operator and concrete saw operator (under 40 h.p.), windlass and tugger person and directional boring person

GROUP 4: Trench or excavating grade person

GROUP 5: Pipe layer (including crock, metal pipe, multi-plate or other conduits)

GROUP 6: Grouting man, audio-visual television operations and all other operations in connection with closed circuit television inspection, pipe cleaning and pipe relining work and the installation and repair of water service pipe and appurtenances

GROUP 7: Restoration laborer, seeding, sodding, planting, cutting, mulching and top soil grading; and the restoration of property such as replacing mailboxes, wood chips, planter boxes, flagstones, etc.

LABO0465-001 06/01/2014

LABORER: Highway, Bridge and Airport Construction

AREA 1: GENESEE, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES

AREA 2: ALLEGAN, BARRY, BAY, BERRIEN, BRANCH, CALHOUN, CASS,

CLINTON, EATON, GRATIOT, HILLSDALE, HURON, INGHAM, JACKSON,
 KALAMAZOO, LAPEER, LENAWEE, LIVINGSTON, MIDLAND, MUSKEGON,
 SAGINAW, SANILAC, SHIAWASSEE, ST. CLAIR, ST. JOSEPH, TUSCOLA
 AND VAN BUREN COUNTIES

AREA 3: ALCONA, ALPENA, ANTRIM, ARENAC, BENZIE, CHARLEVOIX,
 CHEBOYGAN, CLARE, CRAWFORD, EMMET, GLADWIN, GRAND TRAVERSE,
 IONIA, IOSCO, ISABELLA, KALKASKA, KENT, LAKE, LEELANAU,
 MANISTEE, MASON, MECOSTA, MISSAUKEE, MONTCALM, MONTMORENCY,
 NEWAYGO, OCEANA, OGEMAW, OSCEOLA, OSCODA, OTSEGO, OTTAWA,
 PRESQUE ISLE, ROSCOMMON AND WEXFORD COUNTIES

AREA 4: ALGER, BARAGA, CHIPPEWA, DELTA, DICKINSON, GOGEBIC,
 HOUGHTON, IRON, KEWEENAW, LUCE, MACKINAC, MARQUETTE, MENOMINEE,
 ONTONAGON AND SCHOOLCRAFT COUNTIES

	Rates	Fringes
LABORER (AREA 1)		
GROUP 1.....	\$ 24.71	12.75
GROUP 2.....	\$ 24.84	12.75
GROUP 3.....	\$ 25.05	12.75
GROUP 4.....	\$ 25.10	12.75
GROUP 5.....	\$ 25.31	12.75
GROUP 6.....	\$ 25.61	12.75
LABORER (AREA 2)		
GROUP 1.....	\$ 22.71	12.75
GROUP 2.....	\$ 22.91	12.75
GROUP 3.....	\$ 23.15	12.75
GROUP 4.....	\$ 23.50	12.75
GROUP 5.....	\$ 22.37	12.75
GROUP 6.....	\$ 23.71	12.75
LABORER (AREA 3)		
GROUP 1.....	\$ 21.96	12.75
GROUP 2.....	\$ 22.17	12.75
GROUP 3.....	\$ 22.46	12.75
GROUP 4.....	\$ 22.90	12.75
GROUP 5.....	\$ 22.32	12.75
GROUP 6.....	\$ 22.95	12.75
LABORER (AREA 4)		
GROUP 1.....	\$ 21.96	12.75
GROUP 2.....	\$ 22.17	12.75
GROUP 3.....	\$ 22.46	12.75
GROUP 4.....	\$ 22.90	12.75
GROUP 5.....	\$ 22.52	12.75
GROUP 6.....	\$ 22.95	12.75

LABORER CLASSIFICATIONS

GROUP 1: Asphalt shoveler or loader; asphalt plant misc.;
 burlap person; yard person; dumper (wagon, truck, etc.);
 joint filling laborer; miscellaneous laborer; unskilled
 laborer; sprinkler laborer; form setting laborer; form
 stripper; pavement reinforcing; handling and placing (e.g.,
 wire mesh, steel mats, dowel bars); mason's tender or
 bricklayer's tender on manholes; manhole builder;
 headwalls, etc.; waterproofing, (other than buildings) seal

coating and slurry mix, shoring, underpinning; pressure grouting; bridge pin and hanger removal; material recycling laborer; horizontal paver laborer (brick, concrete, clay, stone and asphalt); ground stabilization and modification laborer; grouting; waterblasting; top person; railroad track and trestle laborer; carpenters' tender; guard rail builders' tender; earth retention barrier and wall and M.S.E. wall installer's tender; highway and median installer's tender(including sound, retaining, and crash barriers); fence erector's tender; asphalt raker tender; sign installer; remote control operated equipment.

GROUP 2: Mixer operator (less than 5 sacks); air or electric tool operator (jackhammer, etc.); spreader; boxperson (asphalt, stone, gravel); concrete paddler; power chain saw operator; paving batch truck dumper; tunnel mucker (highway work only); concrete saw (under 40 h.p.) and dry pack machine; roto-mill grounds person.

GROUP 3: Tunnel miner (highway work only); finishers tenders; guard rail builders; highway and median barrier installer; earth retention barrier and wall and M.S.E. wall installer's (including sound, retaining and crash barriers); fence erector; bottom person; powder person; wagon drill and air track operator; diamond and core drills; grade checker; certified welders; curb and side rail setter's tender.

GROUP 4: Asphalt raker

GROUP 5: Pipe layers, oxy-gun

GROUP 6: Line-form setter for curb or pavement; asphalt screed checker/screw man on asphalt paving machines.

LABO1076-005 04/01/2015

MICHIGAN STATEWIDE

	Rates	Fringes
LABORER (DISTRIBUTION WORK)		
Zone 1.....	\$ 19.77	12.75
Zone 2.....	\$ 18.15	12.75
Zone 3.....	\$ 16.38	12.75
Zone 4.....	\$ 15.75	12.75
Zone 5.....	\$ 15.75	12.75

DISTRIBUTION WORK - The construction, installation, treating and reconditioning of distribution pipelines transporting coal, oil, gas or other similar materials, vapors or liquids, including pipelines within private property boundaries, up to and including the meter settings on residential, commercial, industrial, institutional, private and public structures. All work covering pumping stations and tank farms not covered by the Building Trades

Agreement. Other distribution lines with the exception of sewer, water and cable television are included.

Underground Duct Layer Pay: \$.40 per hour above the base pay rate.

- Zone 1 - Macomb, Oakland and Wayne
- Zone 2 - Monroe and Washtenaw
- Zone 3 - Bay, Genesee, Lapeer, Midland, Saginaw, Sanilac, Shiawassee and St. Clair
- Zone 4 - Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft
- Zone 5 - Remaining Counties in Michigan

PAIN0022-002 07/01/2008

HILLSDALE, JACKSON AND LENAWEЕ COUNTIES; LIVINGSTON COUNTY (east of the eastern city limits of Howell, not including the city of Howell, north to the Genesee County line and south to the Washtenaw County line); MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES:

	Rates	Fringes
PAINTER.....	\$ 25.06	14.75

FOOTNOTES: For all spray work and journeyman rigging for spray work, also blowing off, \$0.80 per hour additional (applies only to workers doing rigging for spray work on off the floor work. Does not include setting up or moving rigging on floor surfaces, nor does it apply to workers engaged in covering up or tending spray equipment. For all sandblasting and spray work performed on highway bridges, overpasses, tanks or steel, \$0.80 per hour additional. For all brushing, cleaning and other preparatory work (other than spraying or steeplejack work) at scaffold heights of fifty (50) feet from the ground or higher, \$0.50 per hour additional. For all preparatorial work and painting performed on open steel under forty (40) feet when no scaffolding is involved, \$0.50 per hour additional. For all swing stage work-window jacks and window belts-exterior and interior, \$0.50 per hour additional. For all spray work and sandblaster work to a scaffold height of forty (40) feet above the floor level, \$0.80 per hour additional. For all preparatorial work and painting on all highway bridges or overpasses up to forty (40) feet in height, \$0.50 per hour additional. For all steeplejack work performed where the elevation is forty (40) feet or more, \$1.25 per hour additional.

PAIN0312-001 06/12/2014

EXCLUDES: ALLEGAN COUNTY (Townships of Dorr, Fillmore, Heath, Hopkins, Laketown, Leighton, Manlius, Monterey, Overisel,

Salem, Saugatuck and Wayland); INCLUDES: Barry, Berrien, Branch, Calhoun, Cass, Hillsdale, Kalamazoo, St. Joseph, Van Buren

	Rates	Fringes
PAINTER		
Brush and roller.....	\$ 21.75	11.94
Spray, Sandblast, Sign		
Painting.....	\$ 22.75	11.94

PAIN0845-003 05/21/2014

CLINTON COUNTY; EATON COUNTY (does not include the townships of Bellevue and Olivet); INGHAM COUNTY; IONIA COUNTY (east of Hwy. M 66); LIVINGSTON COUNTY (west of the eastern city limits of Howell, including the city of Howell, north to the Genesee County line and south to the Washtenaw County line); AND SHIAWASSEE COUNTY (Townships of Bennington, Laingsbury and Perry):

	Rates	Fringes
PAINTER.....	\$ 21.89	11.85

PAIN0845-015 05/21/2014

MUSKEGON COUNTY; NEWAYGO COUNTY (except the Townships of Barton, Big Prairie, Brooks, Croton, Ensley, Everett, Goodwell, Grant, Home, Monroe, Norwich and Wilcox); OCEANA COUNTY; OTTAWA COUNTY (except the townships of Allendale, Blendone, Chester, Georgetown, Holland, Jamestown, Olive, Park, Polkton, Port Sheldon, Tallmadge, Wright and Zeeland):

	Rates	Fringes
PAINTER.....	\$ 21.89	11.85

PAIN0845-018 05/21/2014

ALLEGAN COUNTY (Townships of Dorr, Fillmore, Heath, Hopkins, Laketown, Leighton, Manlius, Monterey, Overisel, Salem, Saugatuck and Wayland); IONIA COUNTY (west of Hwy. M-66); KENT, MECOSTA AND MONTCALM COUNTIES; NEWAYGO COUNTY (Townships of Barton, Big Prairie, Brooks, Croton, Ensley, Everett, Goodwell, Grant, Home, Monroe, Norwich and Wilcox); OSCEOLA COUNTY (south of Hwy. #10); OTTAWA COUNTY (Townships of Allendale, Blendone, Chester, Georgetown, Holland, Jamestown, Olive, Park, Polkton, Port Sheldon, Tallmadge, Wright and Zeeland):

	Rates	Fringes
PAINTER.....	\$ 21.89	11.85

FOOTNOTES: Lead abatement work: \$1.00 per hour additional.

PAIN1011-003 06/05/2014

ALGER, BARAGA, CHIPPEWA, DELTA, DICKINSON, GOGEBIC, HOUGHTON, IRON, KEWEENAW, LUCE, MACKINAC, MARQUETTE, MENOMINEE, ONTONAGON

AND SCHOOLCRAFT COUNTIES:

	Rates	Fringes
PAINTER.....	\$ 24.15	10.52

FOOTNOTES: High pay (bridges, overpasses, watertower): 30 to 80 ft.: \$.65 per hour additional. 80 ft. and over: \$1.30 per hour additional.

PAIN1474-002 06/01/2010

HURON COUNTY; LAPEER COUNTY (east of Hwy. M-53); ST. CLAIR, SANILAC AND TUSCOLA COUNTIES:

	Rates	Fringes
PAINTER.....	\$ 23.79	12.02

FOOTNOTES: Lead abatement work: \$1.00 per hour additional. Work with any hazardous material: \$1.00 per hour additional. Sandblasting, steam cleaning and acid cleaning: \$1.00 per hour additional. Ladder work at or above 40 ft., scaffold work at or above 40 ft., swing stage, boatswain chair, window jacks and all work performed over a falling height of 40 ft.: \$1.00 per hour additional. Spray gun work, pick pullers and those handling needles, blowing off by air pressure, and any person rigging (setting up and moving off the ground): \$1.00 per hour additional. Steeplejack, tanks, gas holders, stacks, flag poles, radio towers and beacons, power line towers, bridges, etc.: \$1.00 per hour additional, paid from the ground up.

PAIN1803-003 06/01/2014

ALCONA, ALPENA, ANTRIM, ARENAC, BAY, BENZIE, CHARLEVOIX, CHEBOYGAN, CLARE, CRAWFORD, EMMET, GLADWIN, GRAND TRAVERSE, GRATIOT, IOSCO, ISABELLA, KALKASKA, LAKE, LEELANAU, MANISTEE, MASON, MIDLAND, MISSAUKEE, MONTMORENCY AND OGEMAW COUNTIES; OSCEOLA COUNTY (north of Hwy. #10); OSCODA, OTSEGO, PRESQUE ISLE, ROSCOMMON, SAGINAW AND WEXFORD COUNTIES:

	Rates	Fringes
PAINTER Work performed on water, bridges over water or moving traffic, radio and powerline towers, elevated tanks, steeples, smoke stacks over 40 ft. of falling heights, recovery of lead-based paints and any work associated with industrial plants, except maintenance of industrial		

plants.....	\$ 24.00	12.8
All other work, including maintenance of industrial plant.....	\$ 22.58	12.80

FOOTNOTES: Spray painting, sandblasting, blowdown associated with spraying and blasting, water blasting and work involving a swing stage, boatswain chair or spider: \$1.00 per hour additional. All work performed inside tanks, vessels, tank trailers, railroad cars, sewers, smoke stacks, boilers or other spaces having limited egress not including buildings, opentop tanks, pits, etc.: \$1.25 per hour additional.

PLAS0514-001 06/01/2014

ZONE 1: GENESEE, LIVINGSTON, MACOMB, MONROE, OAKLAND, SAGINAW, WASHTENAW AND WAYNE COUNTIES

ZONE 2: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SANILAC, SCHOOLCRAFT, SHIAWASSEE, ST. CLAIR, ST. JOSEPH, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
ZONE 1.....	\$ 29.59	12.59
ZONE 2.....	\$ 28.29	12.59

PLUM0190-003 05/01/2014

ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GENESEE, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LIVINGSTON, LUCE, MACKINAC, MACOMB, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MONROE, MUSKEGON, NEWAYGO, OAKLAND, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. CLARE, ST. JOSEPH, SANILAC, SCHOOLCRAFT, SHIAWASSEE, TUSCOLA, VAN BUREN, WASHTENAW, WAYNE AND WEXFORD COUNTIES

	Rates	Fringes
Plumber/Pipefitter - gas		

distribution pipeline:

Welding in conjunction with gas distribution pipeline work.....	\$ 31.73	19.96
All other work:.....	\$ 20.72	11.15

TEAM0007-004 06/01/2014

AREA 1: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, SANILAC, SCHOOLCRAFT, SHIAWASSEE, ST. CLAIR, ST. JOSEPH, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

AREA 2: GENESEE, LIVINGSTON, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES

	Rates	Fringes
TRUCK DRIVER		
AREA 1		
Euclids, double bottoms and lowboys.....	\$ 25.05	.50 + a+b
Trucks under 8 cu. yds.....	\$ 24.80	.50 + a+b
Trucks, 8 cu. yds. and over.....	\$ 24.90	.50 + a+b
AREA 2		
Euclids, double bottoms and lowboys.....	\$ 24.895	.50 + a+b
Euclids, double bottoms and lowboys.....	\$ 25.15	.50 + a+b
Trucks under 8 cu. yds.....	\$ 24.90	.50 + a+b
Trucks, 8 cu. yds. and over.....	\$ 25.00	.50 + a+b

Footnote:

- a. \$395.05 per week
- b. \$56.10 daily

TEAM0247-004 06/01/2004

AREA 1: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW,

ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE,
 ROSCOMMON, SANILAC, SCHOOLCRAFT, SHIAWASSEE, SAGINAW, ST.
 CLAIR, ST. JOSEPH, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

AREA 2: GENESEE, LIVINGSTON, MACOMB, MONROE, OAKLAND,
 WASHTENAW AND WAYNE COUNTIES

	Rates	Fringes
Sign Installer		
AREA 1		
GROUP 1.....	\$ 20.18	.15 + a
GROUP 2.....	\$ 19.93	.15 + a
AREA 2		
GROUP 1.....	\$ 21.73	.15 + a
GROUP 2.....	\$ 21.48	.15 + a

FOOTNOTE:

a. \$132.70 per week, plus \$17.80 per day.

SIGN INSTALLER CLASSIFICATIONS:

GROUP 1: performs all necessary labor and uses all tools
 required to construct and set concrete forms required in
 the installation of highway and street signs

GROUP 2: performs all miscellaneous labor, uses all hand and
 power tools, and operates all other equipment, mobile or
 otherwise, required for the installation of highway and
 street signs

 * TEAM0247-010 04/01/2015

AREA 1: LAPEER AND SHIAWASSEE COUNTIES

AREA 2: GENESEE, MACOMB, MONROE, OAKLAND, ST. CLAIR, WASHTENAW
 AND WAYNE COUNTIES

	Rates	Fringes
TRUCK DRIVER (Underground construction)		
AREA 1		
GROUP 1.....	\$ 22.37405.90/wk+59.50/day	
GROUP 2.....	\$ 22.46405.90/wk+59.50/day	
GROUP 3.....	\$ 22.67405.90/wk+59.50/day	
AREA 2		
GROUP 1.....	\$ 22.67405.90/wk+59.50/day	
GROUP 2.....	\$ 22.81405.90/wk+59.50/day	
GROUP 3.....	\$ 23.00405.90/wk+59.50/day	

PAID HOLIDAYS: New Year's Day, Memorial Day, Fourth of July,
 Labor Day, Thanksgiving Day and Christmas Day.

SCOPE OF WORK: Excavation, site preparation, land balancing,
 grading, sewers, utilities and improvements; also including
 but not limited to, tunnels, underground piping, retention,

oxidation, flocculation facilities, conduits, general excavation and steel sheeting for underground construction. Underground construction work shall not include any structural modifications, alterations, additions and repairs to buildings or highway work, including roads, streets, bridge construction and parking lots or steel erection.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Truck driver on all trucks (EXCEPT dump trucks of 8 cubic yards capacity or over, pole trailers, semis, low boys, Euclid, double bottom and fuel trucks)

GROUP 2: Truck driver on dump trucks of 8 cubic yards capacity or over, pole trailers, semis and fuel trucks

GROUP 3: Truck driver on low boy, Euclid and double bottom

SUMI2002-001 05/01/2002

	Rates	Fringes
Flag Person.....	\$ 18.99	12.75
LINE PROTECTOR (ZONE 1: GENESEE, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE)....		
	\$ 18.98	12.17
LINE PROTECTOR (ZONE 2: STATEWIDE (EXCLUDING GENESEE, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE).....		
	\$ 17.14	12.17
Pavement Marking Machine (ZONE 1: GENESEE, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES)		
Group 1.....	\$ 24.89	12.17
Pavement Marking Machine (ZONE 1: GENESEE, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE)		
Group 2.....	\$ 22.40	12.17
Pavement Marking Machine (ZONE 2: STATEWIDE (EXCLUDING GENESEE, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES)		
Group 1.....	\$ 22.89	12.17
Pavement Marking Machine (ZONE 2: STATEWIDE (EXCLUDING GENESEE, MACOMB, MONROE,		

OAKLAND, WASHTENAW AND WAYNE)

Group 2.....\$ 20.60

12.17

WORK CLASSIFICATIONS:

PAVEMENT MARKER GROUP 1: Drives or operates a truck mounted striper, grinder, blaster, groover, or thermoplastic melter for the placement or removal of temporary or permanent pavement markings or markers.

PAVEMENT MARKER GROUP 2: Performs all functions involved for the placement or removal of temporary or permanent pavement markings or markers not covered by the classification of Pavement Marker Group 1 or Line Protector.

LINE PROTECTOR: Performs all operations for the protection or removal of temporary or permanent pavement markings or markers in a moving convoy operation not performed by the classification of Pavement Marker Group 1. A moving convoy operation is comprised of only Pavement Markers Group 1 and Line Protectors.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number,

005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

- 1.) Has there been an initial decision in the matter? This can be:
 - * an existing published wage determination
 - * a survey underlying a wage determination
 - * a Wage and Hour Division letter setting forth a position on a

- wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

General Decision Number: MI150074 01/02/2015 MI74

Superseded General Decision Number: MI20140074

State: Michigan

Construction Type: Heavy

County: Washtenaw County in Michigan.

Heavy, Includes Water, Sewer Lines and Excavation (Excludes Hazardous Waste Removal; Coal, Oil, Gas, Duct and other similar Pipeline Construction)

Note: Executive Order (EO) 13658 establishes an hourly minimum wage of \$10.10 for 2015 that applies to all contracts subject to the Davis-Bacon Act for which the solicitation is issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.10 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/02/2015

CARP0687-006 06/01/2014

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 29.91	25.38

ELEC0252-009 06/04/2012

	Rates	Fringes
ELECTRICIAN.....	\$ 38.98	20.18

ENGI0325-019 09/01/2014

POWER EQUIPMENT OPERATORS: Underground Construction (Including Sewer)

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 30.48	21.15
GROUP 2.....	\$ 25.75	21.15

GROUP 3.....	\$ 25.02	21.15
GROUP 4.....	\$ 24.45	21.15

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Backhoe/ Excavator, Boring Machine, Bulldozer, Crane, Grader/ Blade, Loader, Roller, Scraper, Trencher (over 8 ft. digging capacity)

GROUP 2: Trencher (8-ft digging capacity and smaller)

GROUP 3: Boom Truck (non-swinging, non- powered type boom)

GROUP 4: Broom/ Sweeper, Fork Truck, Tractor, Bobcat/ Skid Steer /Skid Loader

 ENGI0326-008 06/01/2014

EXCLUDES UNDERGROUND CONSTRUCTION

	Rates	Fringes
OPERATOR: Power Equipment		
GROUP 1.....	\$ 39.14	21.25
GROUP 2.....	\$ 37.64	21.25
GROUP 3.....	\$ 36.14	21.25
GROUP 4.....	\$ 35.84	21.25
GROUP 5.....	\$ 35.02	21.25
GROUP 6.....	\$ 34.16	21.25
GROUP 7.....	\$ 33.19	21.25
GROUP 8.....	\$ 31.48	21.25
GROUP 9.....	\$ 23.14	21.25

FOOTNOTES: Tower cranes: to be paid the crane operator rate determined by the combined length of the mast and the boom.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Crane with boom & jib or leads 400' or longer

GROUP 2: Crane with boom & jib or leads 300' or longer

GROUP 3: Crane with boom & jib or leads 220' or longer

GROUP 4: Crane with boom & jib or leads 140' or longer

GROUP 5: Crane with boom & jib or leads 120' or longer

GROUP 6: Regular crane operator

GROUP 7: Backhoe/Excavator, Bobcat/Skid Loader, Boring Machine, Broom/Sweeper, Bulldozer, Grader/Blade, Loader, Roller, Scraper, Tractor, Trencher

GROUP 8: Forklift

GROUP 9: Oiler

IRON0025-006 06/01/2014

	Rates	Fringes
IRONWORKER		
Reinforcing.....	\$ 28.30	24.60
Structural.....	\$ 33.78	26.97

LAB00334-009 06/01/2014

EXCLUDES OPEN CUT CONSTRUCTION

	Rates	Fringes
Landscape Laborer		
GROUP 1.....	\$ 21.81	6.75
GROUP 2.....	\$ 17.59	6.75

LANDSCAPE LABORER CLASSIFICATIONS

GROUP 1: Landscape specialist, including air, gas and diesel equipment operator, lawn sprinkler installer and skidsteer (or equivalent)

GROUP 2: Landscape laborer: small power tool operator, material mover, truck driver and lawn sprinkler installer tender

* LAB00334-018 09/01/2014

SCOPE OF WORK:

OPEN CUT CONSTRUCTION: Excavation of earth and sewer, utilities, and improvements, including underground piping/conduit (including inspection, cleaning, restoration, and relining)

	Rates	Fringes
LABORER		
(1) Common or General.....	\$ 22.45	12.75
(2) Mason Tender- Cement/Concrete.....	\$ 22.56	12.75
(4) Grade Checker.....	\$ 22.75	12.75
(5) Pipelayer.....	\$ 22.90	12.75
(7) Landscape.....	\$ 16.84	12.75

LAB00499-020 08/01/2014

EXCLUDES OPEN CUT CONSTRUCTION

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 28.32	13.85
GROUP 2.....	\$ 28.52	13.85
GROUP 3.....	\$ 28.64	13.85

LABORER CLASSIFICATIONS

GROUP 1: Common or General; Grade Checker

GROUP 2: Mason Tender - Cement/Concrete

GROUP 3: Pipelayer

PAIN0022-005 07/01/2008

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 25.06	14.75
Spray.....	\$ 25.86	14.75

PLAS0514-002 09/30/2013

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 30.82	14.34

PLUM0190-010 06/01/2014

	Rates	Fringes
PLUMBER.....	\$ 37.64	20.91

TEAM0007-006 06/01/2014

	Rates	Fringes
TRUCK DRIVER		
Dump Truck under 8 cu. yds.; Tractor Haul Truck....	\$ 24.90	.50 + a+b
Dump Truck, 8 cu. yds. and over.....	\$ 25.00	.50 + a+b
Lowboy/Semi-Trailer Truck...	\$ 25.15	.50 + a+b

FOOTNOTE:

- a. \$395.05 per week.
- b. \$56.10 daily.

SUMI2010-072 11/09/2010

	Rates	Fringes
TRUCK DRIVER: Off the Road		
Truck.....	\$ 20.82	3.69

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====
Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

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A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
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On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted

because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

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Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

