



Village of Swanton, Ohio
Project 10 Brookside, Woodside, Parkside Combined Sewer Separation

ADDENDUM 1

September 24, 2019

Planholders on the Village of Swanton, Ohio, Project 10 Brookside, Woodside, Parkside Combined Sewer Separation are hereby notified of the following amendments to the Contract Documents. This Addendum is hereby made a part of the Contract Documents.

CLARIFICATION

The soils investigation dated October 31, 2018 and the CCTV inspection of the sewers within the Project 10 area are available for download under the Information tab for the Village of Swanton, Project 10 on jhplanroom.com.

SPECIFICATIONS

Bid Forms, C-410 – 1 through 10

Delete in its entirety, and replace with new forms attached to this Addendum.

Additional Supplemental Conditions, Davis-Bacon Wage Rates, Exhibit 1

After the “Davis-Bacon Wage Rates” flysheet, insert the attached “Davis-Bacon Wage Rates”.

Section 01010, Pages 1 through 18

Delete in its entirety, and replace with the new section attached to this Addendum.

Section 01320, Pages 1 through 2

Delete in its entirety, and replace with the new section attached to this Addendum.

Section 02550

Delete Section 02550, Pages 1 through 12 in its entirety; however, retain Section 02550, Pages 1 through 14 that follow.

Section 02600, Pages 1 through 8

Delete in its entirety, and replace with the new section attached to this Addendum.



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Page 2

DRAWINGS

Sheet No. G-5, 5 of 33

Delete in its entirety, and replace with the attached to this Addendum.

Sheet No. C-6, 11 of 33

Delete in its entirety, and replace with the attached to this Addendum.

Sheet No. C-24, 29 of 33

Delete in its entirety, and replace with the attached to this Addendum.

Attachments: Bid Forms C-410, Pages 1 through 10
ASC - Davis-Bacon Wage Rates, Pages 1 through 69
Section 01010, Pages 1 through 18
Section 01320, Pages 1 through 4
Section 02600, Pages 1 through 8
Sheet No. G-5, 5 of 33
Sheet No. C-6, 11 of 33
Sheet No. C-24, 29 of 33

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON PAGE B-1 OF THE BID.

BID FORM

Village of Swanton, Ohio

Project 10

Brookside, Woodside, Parkside Combined Sewer Separation

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Village of Swanton
Village Administrator
219 Chestnut Street
Swanton, Ohio 43558

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. “corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

- 5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

UNIT PRICE BID

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

Item No.	Description	Estimated Amount	Unit	Unit Cost in Numbers		Unit Price in Words	Total Estimated Cost of Item	
1	Mobilization and Demobilization	1	LS					
2	Audio-Video Recording of the Zone of Influence	1	LS					
3	Storm Water Pollution Prevention Plan (SWPPP)	1	LS					
4	Sanitary Lateral Locating	18	EA					
5a	6-Inch House Leads, Both Sanitary and Storm, Type B	284	LF					
5b	6-Inch House Leads, Both Sanitary and Storm, Type C	55	LF					
5c	12-Inch Sanitary Sewer, All Depths Type B	987	LF					
5d	12-Inch Storm Sewer, All Depths Type B	375 749	LF					
5e	12-Inch Storm Sewer, All Depths Type C	103	LF					
5f	15-Inch Storm Sewer, All Depths Type B	373 343	LF					
5g	15-Inch Storm Sewer, All Depths Type C	24	LF					

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Item No.	Description	Estimated Amount	Unit	Unit Cost in Numbers		Unit Price in Words	Total Estimated Cost of Item	
5h	18-Inch Storm Sewer, All Depths Type B	489 115	LF					
5i	18-Inch Storm Sewer, All Depths Type C	51	LF					
5j	21-Inch Storm Sewer, All Depths Type C	26	LF					
5k	24-Inch Storm Sewer, All Depths Type B	20	LF					
5L	4-Inch Underdrains	3,004	LF					
5m	Cleanouts	10	EA					
6a	Type I Manholes	92 49	VLF					
6b	Type II Manholes	14 26	VLF					
6c	Type III Manholes 4-2	7	VLF					
6d	Casting Adjusted to Grade	4	EA					
7a	Flat Grate Catch Basin	7	EA					
7b	Curb Inlet Catch Basin	6 8	EA					
8	Excavation and Backfill of Unsuitable Material	50	CY					
9a	Water Service Relocation, 2-Inch Diameter or Smaller	5	EA					

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Item No.	Description	Estimated Amount	Unit	Unit Cost in Numbers		Unit Price in Words	Total Estimated Cost of Item	
9b	Water Main Relocation, Greater Than 2-Inch Diameter	2	EA					
10	Sanitary Lateral Relocations	5	EA					
11a	Sewer Abandonment	75	LF					
11b	Regulator Manhole Abandonment	3	EA					
12	Concrete Curbs	3,004	LF					
13a	12-Inch Cured-in-Place Pipe	609	LF					
13b	18-Inch Cured-in-Place Pipe	928	LF					
13c	21-Inch Cured-in-Place Pipe	838	LF					
13d	Lateral Service Reinstated	15	EA					
14a	ODOT Item 254 Pavement Planing – Parkside Drive	3,365	SY					
14b	ODOT Item 202 Driveway Removed	7,466	SF					
14c	ODOT Item 203 Roadway Excavation	3,150	CY					
14d	ODOT Item 204 Subgrade Compaction	3,701	SY					
14e	ODOT Item 301 Asphalt Concrete Base	326	CY					

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Item No.	Description	Estimated Amount	Unit	Unit Cost in Numbers		Unit Price in Words	Total Estimated Cost of Item	
14f	ODOT Item 304 Aggregate Base	805	CY					
14g	ODOT Item 407 Tack Coat	209	GAL					
14h	ODOT Item 441 Asphalt Concrete Leveling Course, Type I (448) – Parkside Drive	99	CY					
14i	ODOT Item 441 Asphalt Concrete Intermediate Course, Type II (448)	195	CY					
14j	ODOT Item 441 Asphalt Concrete Surface Course Type I (448)	288	CY					
14k	ODOT Item 452 6-Inch Concrete Driveway	5,647	SF					
15	Post Construction CCTV Inspection of Installed Sewers (8-inch and Larger)	2307 2,277	LF					
16	Topsoil, Seeding, and Mulching	1,246	SY					
Total Estimated Construction Cost:								

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ARTICLE 6 – TIME OF COMPLETION

6.01 N/A.

ARTICLE 7 – ATTACHMENTS TO THIS BID

7.01 The following documents are submitted with and made a condition of this Bid:

- A. Required Bid security;
- B. Evidence of authority to do business in the state of the Project;
- C. Required Bidder Qualification Statement with supporting data; and

ARTICLE 8 – DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

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ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By:

[Signature] _____

[Printed name] _____

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature] _____

[Printed name] _____

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____

(where applicable)

PERSONAL PROPERTY TAX AFFIDAVIT

STATE OF OHIO)
)ss.
COUNTY OF _____)

_____, being first duly sworn, deposes and says as follows: answering whichever is applicable by placing an "X" before items 1 or 2.

1. () We are not charged with any delinquent personal property taxes on the general tax list of personal property in _____ County, Ohio.
2. () We are charged with delinquent personal property taxes on the general tax list of _____ County, Ohio including unpaid penalties and interest in the amount of \$_____.

Bidder

By: _____

Title: _____

Sworn and subscribed before me this _____ day of _____ 20 ____.

Notary Public in and for

_____ State

My Commission Expires:

_____ 20_____

"General Decision Number: OH20190001 09/20/2019

Superseded General Decision Number: OH20180002

State: Ohio

Construction Types: Heavy and Highway

Counties: Ohio Statewide.

Heavy and Highway Construction Projects

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was 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 \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR

5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/04/2019
1	01/25/2019
2	02/15/2019
3	03/01/2019
4	04/05/2019
5	05/03/2019
6	06/07/2019
7	06/21/2019
8	06/28/2019
9	08/09/2019
10	08/16/2019
11	08/30/2019
12	09/20/2019

BROH0001-001 06/01/2017

DEFIANCE, FULTON (Excluding Fulton, Amboy & Swan Creek Townships), HENRY (Excluding Monroe, Bartlow, Liberty, Washington, Richfield, Marion, Damascus & Townships & that part of Harrison Township outside corporate limits of city of Napoleon), PAULDING, PUTNAM and WILLIAMS COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0001-004 06/01/2017		

Rates	Fringes
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CEMENT MASON/CONCRETE FINISHER...\$ 28.65 14.55

BROH0003-002 06/01/2017

FULTON (Townships of Amboy, Swan Creek & Fulton), HENRY
(Townships of Washington, Damascus, Richfield, Bartlow,
Liberty, Harrison, Monroe, & Marion), LUCAS and WOOD (Townships
of Perrysburg, Ross, Lake, Troy, Freedom, Montgomery, Webster,
Center, Portage, Middleton, Plain, Liberty, Henry, Washington,
Weston, Milton, Jackson & Grand Rapids) COUNTIES

Rates Fringes

Bricklayer, Stonemason.....\$ 28.65 14.55

BROH0005-003 05/01/2019

CUYAHOGA, LORAIN & MEDINA (Hinckley, Granger, Brunswick,
Liverpool, Montville, York, Homer, Harrisville, Chatham,
Litchfield & Spencer Townships and the city of Medina)

Rates Fringes

BRICKLAYER

BRICKLAYERS; CAULKERS;

CLEANERS; POINTERS; &

STONEMASONS.....\$ 34.85 16.94

SANDBLASTERS.....\$ 35.10 16.94

SEWER BRICKLAYERS & STACK

BUILDERS.....\$ 35.35 16.94

SWING SCAFFOLDS.....\$ 35.35 16.94

BROH0006-005 06/01/2017

CARROLL, COLUMBIANA (Knox, Butler, West & Hanover Townships),

STARK & TUSCARAWAS

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0007-002 06/01/2017

LAWRENCE

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0007-005 06/01/2017

PORTAGE & SUMMIT

	Rates	Fringes
BRICKLAYER.....	\$ 28.65	14.55

BROH0007-010 06/01/2017

PORTAGE & SUMMIT

	Rates	Fringes
MASON - STONE.....	\$ 28.65	14.55

BROH0008-001 06/01/2017

COLUMBIANA (Salem, Perry, Fairfield, Center, Elk Run,
Middleton, & Unity Townships and the city of New Waterford),
MAHONING & TRUMBULL

	Rates	Fringes
BRICKLAYER.....	\$ 28.65	14.55

 BROH0009-002 06/01/2017

BELMONT & MONROE COUNTIES and the Townships of Warren & Mt.
 Pleasant and the Village of Dillonvale in JEFFERSON COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55
Refractory.....	\$ 31.45	19.01

 BROH0010-002 06/01/2017

COLUMBIANA (St. Clair, Madison, Wayne, Franklin, Washington,
 Yellow Creek & Liverpool Townships) & JEFFERSON (Brush Creek &
 Saline Townships)

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

 BROH0014-002 06/01/2017

HARRISON & JEFFERSON (Except Mt. Pleasant, Warren, Brush Creek,
 Saline & Salineville Townships & the Village of Dillonvale)

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0016-002 06/01/2017

ASHTABULA, GEAUGA, and LAKE COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0018-002 06/01/2017

BROWN, BUTLER, CLERMONT, HAMILTON, PREBLE (Gasper, Dixon,
Israel, Lanier, Somers & Gratis Townships) & WARREN COUNTIES:

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0022-004 06/01/2017

CHAMPAIGN, CLARK, CLINTON, DARKE, GREENE, HIGHLAND, LOGAN,
MIAMI, MONTGOMERY, PREBLE (Jackson, Monroe, Harrison, Twin,
Jefferson & Washington Townships) and SHELBY COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0032-001 06/01/2017

GALLIA & MEIGS

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0035-002 06/01/2017

ALLEN, AUGLAIZE, MERCER and VAN WERT COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0039-002 06/01/2017

ADAMS & SCIOTO

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0040-003 06/01/2017

ASHLAND, CRAWFORD, HARDIN, HOLMES, MARION, MORROW, RICHLAND,
WAYNE and WYANDOT (Except Crawford, Ridge, Richland & Tymochtee
Townships) COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

FOOTNOTE: Layout Man and Sawman rate: \$1.00 per hour above
journeyman rate.

Free standing stack work ground level to top of stack;
Sandblasting and laying of carbon masonry material in swing
stage and/or scaffold; Ramming and spading of plastics and
gunniting: \$1.50 per hour above journeyman rate.

""Hot"" work: \$2.50 above journeyman rate.

BROH0044-002 06/01/2017

	Rates	Fringes
Bricklayer, Stonemason		
COSHOCTON, FAIRFIELD,		
GUERNSEY, HOCKING, KNOX,		
KICKING, MORGAN,		
MUSKINGUM, NOBLE (Beaver,		
Buffalo, Seneca & Wayne		
Townships) & PERRY		
COUNTIES:.....	\$ 28.65	14.55

BROH0045-002 06/01/2017

FAYETTE, JACKSON, PIKE, ROSS and VINTON COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0046-002 06/01/2017

ERIE, HANCOCK, HURON, OTTAWA, SANDUSKY, SENECA, WOOD (Perry & Bloom Townships) and WYANDOT (Tymochtee, Crawford, Ridge & Richland Townships) COUNTIES & the Islands of Lake Erie north of Sandusky

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

FOOTNOTE: Layout Man and Sawman rate: \$1.00 per hour above journeyman rate.

Free standing stack work ground level to top of stack;

Sandblasting and laying of carbon masonry material in swing stage and/or scaffold; Ramming and spading of plastics and

gunniting: \$1.50 per hour above journeyman rate.

""Hot"" work: \$2.50 above journeyman rate.

BROH0052-001 06/01/2017

ATHENS COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0052-003 06/01/2017

NOBLE (Brookfield, Noble, Center, Sharon, Olive, Enoch, Stock,
Jackson, Jefferson & Elk Townships) and WASHINGTON COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

BROH0055-003 06/01/2017

DELAWARE, FRANKLIN, MADISON, PICKAWAY and UNION COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 28.65	14.55

CARP0003-004 05/01/2017

MAHONING & TRUMBULL

	Rates	Fringes
CARPENTER.....	\$ 26.20	17.42

CARP0069-003 05/01/2017

CARROLL, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
CARPENTER.....	\$ 25.98	15.98

CARP0069-006 05/01/2017

COSHOCTON, HOLMES, KNOX & MORROW

	Rates	Fringes
CARPENTER.....	\$ 24.04	15.29

CARP0171-002 05/01/2019

BELMONT, COLUMBIANA, HARRISON, JEFFERSON & MONROE

	Rates	Fringes
CARPENTER.....	\$ 27.37	20.02

CARP0200-002 05/01/2017

ADAMS, ATHENS, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA,
GUERNSEY, HIGHLAND, HOCKING, JACKSON, LAWRENCE, LICKING,
MADISON, MARION, MEIGS, MORGAN, MUSKINGUM, NOBLE, PERRY,
PICKAWAY, PIKE, ROSS, SCIOTO, UNION, VINTON and WASHINGTON
COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 29.07	16.22

Diver.....	\$ 39.41	10.40
PILED RIVERMAN.....	\$ 29.07	16.22

CARP0248-005 07/01/2008

LUCAS & WOOD

	Rates	Fringes
CARPENTER.....	\$ 27.27	14.58

CARP0248-008 07/01/2008

	Rates	Fringes
CARPENTER		
DEFIANCE, FULTON, HANCOCK,		
HENRY, PAULDING & WILLIAMS		
COUNTIES.....	\$ 23.71	13.28

CARP0254-002 05/01/2017

ASHTABULA, CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
CARPENTER.....	\$ 32.40	16.97

CARP0372-002 05/01/2016

ALLEN, AUGLAIZE, HARDIN, MERCER, PUTNAM & VAN WERT

	Rates	Fringes
CARPENTER.....	\$ 24.54	18.21

CARP0639-003 05/01/2017

MEDINA, PORTAGE & SUMMIT

	Rates	Fringes
CARPENTER.....	\$ 30.42	16.99

CARP0735-002 05/01/2019

ASHLAND, ERIE, HURON, LORAIN & RICHLAND

	Rates	Fringes
CARPENTER.....	\$ 26.30	17.91

CARP1311-001 05/01/2017BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, DARKE,
GREENE, HAMILTON, LOGAN, MIAMI, MONTGOMERY, PREBLE, SHELBY &
WARREN

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 29.34	15.95
Diver.....	\$ 40.58	9.69

CARP1393-002 07/01/2008CRAWFORD, DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA,
PAULDING, SANDUSKY, SENECA, WILLIAMS & WOOD

	Rates	Fringes
Piledrivermen & Diver's Tender...	\$ 27.30	16.05

DIVERS - \$250.00 per day

 CARP1393-003 07/01/2008

ALLEN, AUGLAIZE, HARDIN, MERCER, PUTNAM, VAN WERT & WYANDOT

	Rates	Fringes
Piledrivermen & Diver's Tender...	\$ 25.15	15.92

DIVERS - \$250.00 per day

 CARP1871-006 05/01/2017

BELMONT, HARRISON, & MONROE

	Rates	Fringes
Diver, Wet.....	\$ 48.11	17.33
Piledrivermen; Diver, Dry.....	\$ 32.07	17.33

 CARP1871-008 05/01/2017

ASHLAND, ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE,
 LORAIN, MEDINA, PORTAGE, RICHLAND & SUMMIT

	Rates	Fringes
Diver, Wet.....	\$ 45.80	18.84
Piledrivermen; Diver, Dry.....	\$ 30.53	18.84

 CARP1871-014 05/01/2017

CARROLL, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
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Diver, Wet.....	\$ 38.34	16.95
Piledrivermen; Diver, Dry.....	\$ 25.56	16.95

CARP1871-015 05/01/2017

COSHOCTON, HOLMES, KNOX & MORROW

	Rates	Fringes
Diver, Wet.....	\$ 37.34	16.07
Piledrivermen; Diver, Dry.....	\$ 24.89	16.07

CARP1871-017 05/01/2017

MAHONING & TRUMBULL

	Rates	Fringes
Diver, Wet.....	\$ 40.65	17.62
Piledrivermen; Diver, Dry.....	\$ 27.10	17.62

CARP2235-012 01/01/2014

COLUMBIANA & JEFFERSON

	Rates	Fringes
FILEDRIVERMAN.....	\$ 31.74	16.41

CARP2239-001 07/01/2008

CRAWFORD, OTTAWA, SANDUSKY, SENECA & WYANDOT

	Rates	Fringes
CARPENTER.....	\$ 23.71	13.28

 ELEC0008-002 05/27/2019

DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA, PAULDING,
 PUTNAM, SANDUSKY, SENECA, WILLIAMS & WOOD

	Rates	Fringes
CABLE SPLICER.....	\$ 38.98	18.96
ELECTRICIAN.....	\$ 40.45	1.5%+20.23

ELEC0032-003 06/01/2019

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, SHELBY, VAN WERT &
 WYANDOT (Crawford, Jackson, Marseilles, Mifflin, Ridgeland,
 Ridge & Salem Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 30.37	18.42

ELEC0038-002 04/29/2019

CUYAHOGA, GEAUGA (Bainbridge, Chester & Russell Townships) &
 LORAIN (Columbia Township)

	Rates	Fringes
ELECTRICIAN		
Excluding Sound &		
Communications Work.....	\$ 39.13	20.69

FOOTNOTES;

- a. 6 Paid Holidays: New Year's Day; Memorial Day; July 4th;

Labor Day; Thanksgiving Day; & Christmas Day

b. 1 week's paid vacation for 1 year's service; 2 weeks' paid vacation for 2 or more years' service

ELEC0038-008 04/29/2019

CUYAHOGA, GEAUGA (Bainbridge, Chester & Russell Townships) &
LORAIN (Columbia Township)

	Rates	Fringes
Sound & Communication Technician		
Communications Technician...\$ 27.55		11.98
Installer Technician.....\$ 26.30		11.94

FOOTNOTES;

a. 6 Paid Holidays: New Year's Day; Memorial Day; July 4th;

Labor Day; Thanksgiving Day; & Christmas Day

b. 1 week's paid vacation for 1 year's service; 2 weeks' paid vacation for 2 or more years' service

ELEC0064-003 11/26/2018

COLUMBIANA (Butler, Fairfield, Perry, Salem & Unity Townships)
MAHONING (Austintown, Beaver, Berlin, Boardman, Canfield,
Ellsworth, Coitsville, Goshen, Green, Jackson, Poland,
Springfield & Youngstown Townships), & TRUMBULL (Hubbard &
Liberty Townships)

	Rates	Fringes
ELECTRICIAN.....\$ 33.67		15.28

 ELEC0071-001 01/01/2019

ASHLAND, CHAMPAIGN, CLARK, COSHOCTON, CRAWFORD, DELAWARE,
 FAIRFIELD, FAYETTE, FRANKLIN, GUERNSEY, HIGHLAND, HOCKING,
 JACKSON (Coal, Jackson, Liberty, Milton, Washington & Wellston
 Townships), KNOX, LICKING, MADISON, MARION, MONROE, MORGAN,
 MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE (Beaver,
 Benton, Jackson, Mifflin, Pebble, Peepee, Perry & Seal
 Townships), RICHLAND, ROSS, TUSCARAWAS (Auburn, Bucks, Clay,
 Jefferson, Oxford, Perry, Salem, Rush, Washington & York
 Townships), UNION, VINTON (Clinton, Eagle, Elk, Harrison,
 Jackson, Richland & Swan Townships), and WASHINGTON COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operators.....	\$ 33.62	13.40
Groundmen.....	\$ 24.17	11.32
Linemen & Cable Splicers....	\$ 38.27	14.42

 ELEC0071-004 01/01/2019

AUGLAIZE, CLINTON, DARKE, GREENE, LOGAN, MERCER, MIAMI,
 MONTGOMERY, PREBLE, and SHELBY COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 33.62	13.40
Groundman.....	\$ 24.17	11.32
Lineman & Cable Splicers....	\$ 38.27	14.42

 ELEC0071-005 12/31/2018

ASHTABULA, CUYAHOGA, GEAUGA, LAKE & LORAIN

	Rates	Fringes
LINE CONSTRUCTION: Equipment		
Operator		
DOT/Traffic Signal &		
Highway Lighting Projects...\$ 32.44		14.10
Municipal Power/Transit		
Projects.....\$ 40.10		16.42
LINE CONSTRUCTION: Groundman		
DOT/Traffic Signal &		
Highway Lighting Projects...\$ 25.06		12.26
Municipal Power/Transit		
Projects.....\$ 31.19		14.11
LINE CONSTRUCTION:		
Linemen/Cable Splicer		
DOT/Traffic Signal &		
Highway Lighting Projects...\$ 36.13		15.03
Municipal Power/Transit		
Projects.....\$ 44.56		17.58

ELEC0071-008 01/01/2019

COLUMBIANA, MAHONING, and TRUMBULL COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....\$ 33.62		13.40
Groundman.....\$ 24.17		11.32
Lineman & Cable Splicers....\$ 38.27		14.42

ELEC0071-010 01/01/2019BELMONT, CARROLL, HARRISON, HOLMES, JEFFERSON, MEDINA, PORTAGE,
STARK, SUMMIT, and WAYNE COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 33.62	13.40
Groundman.....	\$ 24.17	11.32
Lineman & Cable Splicers....	\$ 38.27	14.42

ELEC0071-013 01/01/2019

BROWN, BUTLER, CLERMONT, HAMILTON, and WARREN COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 33.62	13.40
Groundman.....	\$ 24.17	11.32
Lineman & Cable Splicers....	\$ 38.27	14.42

ELEC0071-014 01/01/2019

ADAMS, ATHENS, GALLIA, JACKSON (Bloomfield, Franklin, Hamilton, Lick, Jefferson, Scioto & Madison Townships), LAWRENCE, MEIGS, PIKE (Camp Creek, Marion, Newton, Scioto, Sunfish & Union Townships), SCIOTO & VINTON (Brown, Knox, Madison, Vinton & Wilkesville Townships)

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 33.62	13.40
Groundman.....	\$ 24.17	11.32
Lineman & Cable Splicers....	\$ 38.27	14.42

ELEC0082-002 12/03/2018

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE & WARREN
(Wayne, Clear Creek & Franklin Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 30.15	19.26

ELEC0082-006 11/26/2018

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE & WARREN
(Wayne, Clear Creek & Franklin Townships)

	Rates	Fringes
Sound & Communication Technician		
Cable Fuller.....	\$ 12.18	3.85
Installer/Technician.....	\$ 24.35	11.29

* ELEC0129-003 03/25/2019

LORAIN (Except Columbia Township) & MEDINA (Litchfield &
Liverpool Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 34.35	17.30

* ELEC0129-004 03/25/2019

ERIE & HURON (Lyme, Ridgefield, Norwalk, Townsend, Wakeman,
Sherman, Peru, Bronson, Hartland, Clarksfield, Norwich,
Greenfield, Fairfield, Fitchville & New London Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 34.35	17.30

ELEC0141-003 09/01/2018

BELMONT COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 33.60	25.61
ELECTRICIAN.....	\$ 30.01	25.61

ELEC0212-003 11/26/2018

BROWN, CLERMONT & HAMILTON

	Rates	Fringes
Sound & Communication Technician.....	\$ 24.35	10.99

ELEC0212-005 06/03/2019

BROWN, CLERMONT, and HAMILTON COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 30.18	18.89

* ELEC0245-001 08/26/2019

ALLEN, HARDIN, VAN WERT & WYANDOT (Crawford, Jackson,
Marseilles, Mifflin, Richland, Ridge & Salem Townships)

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 32.37	25.9%+6.00
Groundman Truck Driver.....	\$ 17.70	25.9%+6.00
Lineman.....	\$ 40.46	25.9%+6.00

FOOTNOTE: a. Half day's Paid Holiday: The last 4 hours of the workday prior to Christmas or New Year's Day

* ELEC0245-003 06/26/2019

DEFIANCE, FULTON, HANCOCK, HENRY, HURON, LUCAS, OTTAWA,
PAULDING, PUTNAM, SANDUSKY, SENECA, WILLIAMS, and WOOD COUNTIES

	Rates	Fringes
Line Construction		
Cable Splicer.....	\$ 46.53	25.9%+6.00
Groundman/Truck Driver.....	\$ 17.70	25.9%+6.00
Heli-arc Welding.....	\$ 40.76	25.9%+6.00
Lineman.....	\$ 40.46	25.9%+6.00
Operator - Class 1.....	\$ 32.37	25.9%+6.00
Operator - Class 2.....	\$ 28.32	25.9%+6.00
Traffic Signal & Lighting		
Technician.....	\$ 36.41	25.9%+6.00

FOOTNOTE: a. 6 Observed Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; & Christmas Day. Employees who work on a holiday shall be paid at a rate of double their applicable classified straight-time rates for the work performed on such holiday.

* ELEC0245-004 08/26/2019

ERIE COUNTY

	Rates	Fringes
Line Construction		
Cable Splicer.....	\$ 46.53	25.9%+6.00
Groundman/Truck Driver.....	\$ 17.70	25.9%+6.00
Lineman.....	\$ 40.46	25.9%+6.00
Operator - Class 1.....	\$ 32.37	25.9%+6.00
Operator - Class 2.....	\$ 28.32	25.9%+6.00

FOOTNOTE: a. 6 Observed Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; & Christmas Day. Employees who work on a holiday shall be paid at a rate of double their applicable classified straight-time rates for the work performed on such holiday.

ELEC0246-001 10/29/2018

	Rates	Fringes
ELECTRICIAN.....	\$ 38.00	84%+a

FOOTNOTE: a. 1 1/2 Paid Holidays: The last scheduled workday prior to Christmas & 4 hours on Good Friday.

ELEC0306-005 05/28/2018

MEDINA (Brunswick, Chatham, Granger, Guilford, Harrisville, Hinckley, Homer, Lafayette, Medina, Montville, Sharon, Spencer, Wadsworth, Westfield & York Townships), PORTAGE (Atwater, Aurora, Brimfield, Deerfield, Franklin, Mantua, Randolph, Ravenna, Rootstown, Shalersville, Streetsboro & Suffield

Townships), SUMMIT & WAYNE (Baughman, Canaan, Chester, Chippewa, Congress, Green, Milton, & Wayne Townships)

	Rates	Fringes
CABLE SPLICER.....	\$ 36.87	16.56
ELECTRICIAN.....	\$ 34.54	5%+18.06

ELEC0317-002 06/01/2018

GALLIA & LAWRENCE

	Rates	Fringes
CABLE SPLICER.....	\$ 32.68	18.13
ELECTRICIAN.....	\$ 33.75	25.03

ELEC0540-005 01/01/2019

CARROLL (Northern half, including Fox, Harrison, Rose & Washington Townships), COLUMBIANA (Knox Township), HOLMES, MAHONING (Smith Township), STARK, TUSCARAWAS (North of Auburn, Clay, Rush & York Townships), and WAYNE (South of Baughman, Chester, Green & Wayne Townships) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 32.55	23.58

ELEC0573-003 11/26/2018

ASHTABULA (Colebrook, Wayne, Williamsfield, Orwell & Windsor Townships), GEAUGA (Auburn, Middlefield, Parkman & Troy Townships), MAHONING (Milton Township), PORTAGE (Charlestown, Edinburg, Freedom, Hiram, Nelson, Palmyra, Paris & Windham

Townships), and TRUMBULL (Except Liberty & Hubbard Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 33.35	18.73

* ELEC0575-001 05/27/2019

ADAMS, FAYETTE, HIGHLAND, HOCKING, JACKSON (Bloomfield, Franklin, Hamilton, Jefferson, Lick, Madison, Scioto, Coal, Jackson, Liberty, Milton & Washington Townships), PICKAWAY (Deer Creek, Perry, Pickaway, Salt Creek & Wayne Townships), PIKE (Beaver, Benton, Jackson, Mifflin, Pebble, PeePee, Perry, Seal, Camp Creek, Newton, Scioto, Sunfish, Union & Marion Townships), ROSS, SCIOTO & VINTON (Clinton, Eagle, Elk, Harrison, Jackson, Richland & Swan Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 33.75	17.19

ELEC0648-001 09/03/2018

BUTLER and WARREN COUNTIES (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union & Washington Townships)

	Rates	Fringes
CABLE SPLICER.....	\$ 30.50	18.23
ELECTRICIAN.....	\$ 30.00	18.70

* ELEC0673-004 05/27/2019

ASHTABULA (Excluding Orwell, Colebrook, Williamsfield, Wayne &

Windsor Townships), GEAUGA (Burton, Chardon, Claridon, Hambden, Huntsburg, Montville, Munson, Newbury & Thompson Townships) and LAKE COUNTIES

	Rates	Fringes
CABLE SPlicer.....	\$ 33.31	21.46
ELECTRICIAN.....	\$ 33.03	21.45

ELEC0683-002 05/27/2019

CHAMPAIGN, CLARK, DELAWARE, FAIRFIELD, FRANKLIN, MADISON, PICKAWAY (Circleville, Darby, Harrison, Jackson, Madison, Monroe, Muhlenberg, Scioto, Walnut & Washington Townships), and UNION COUNTIES

	Rates	Fringes
CABLE SPlicer.....	\$ 34.50	21.20
ELECTRICIAN.....	\$ 33.50	20.18

* ELEC0688-003 06/03/2019

ASHLAND, CRAWFORD, HURON (Richmond, New Haven, Ripley & Greenwich Townships), KNOX (Liberty, Clinton, Union, Howard, Monroe, Middleberry, Morris, Wayne, Berlin, Pike, Brown & Jefferson Townships), MARION, MORROW, RICHLAND and WYANDOT (Sycamore, Crane, Eden, Pitt, Antrim & Tymochtee Townships) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 29.30	18.84

ELEC0972-002 06/01/2019

ATHENS, MEIGS, MONROE, MORGAN, NOBLE, VINTON (Brown, Knox, Madison, Vinton & Wilkesville Townships), and WASHINGTON COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 33.80	26.65
ELECTRICIAN.....	\$ 33.55	26.65

ELEC1105-001 05/28/2018

COSHOCTON, GUERNSEY, KNOX (Jackson, Clay, Morgan, Miller, Milford, Hilliar, Butler, Harrison, Pleasant & College Townships), LICKING, MUSKINGUM, PERRY, and TUSCARAWAS (Auburn, York, Clay, Jefferson, Rush, Oxford, Washington, Salem, Perry & Bucks Townships) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 30.95	17.96

ENGI0018-003 05/01/2019

ASHTABULA, CUYAHOGA, ERIE, GEAUGA, LAKE, LORAIN, MEDINA, PORTAGE, and SUMMIT COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 38.63	15.20
GROUP 2.....	\$ 38.53	15.20
GROUP 3.....	\$ 37.49	15.20

GROUP 4.....	\$ 36.27	15.20
GROUP 5.....	\$ 30.98	15.20
GROUP 6.....	\$ 38.88	15.20
GROUP 7.....	\$ 39.13	15.20

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - Air Compressor on Steel Erection; Barrier Moving Machine; Boiler Operator on Compressor or Generator when mounted on a Rig; Cableway; Combination Concrete Mixer & Tower; Concrete Plant (over 4 yd. Capacity); Concrete Pump; Crane (All Types, Including Boom Truck, Cherry Picker); Crane-Compact, Track or Rubber over 4,000 lbs. capacity; Cranes-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick; Dragline; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loader; Floating Equipment (All Types); Gradall; Helicopter Crew (Operator-Hoist or Winch); Hoe (all types); Hoisting Engine on Shaft or Tunnel Work; Hydraulic Gantry (Lifting System); Industrial-Type Tractor; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotive (Standard Gauge); Maintenance Operator Class A; Mixer, Paving (Single or Double Drum); Mucking Machine; Multiple Scraper; Piledriving Machine (All Types); Power Shovel; Prentice Loader; Quad 9 (Double Pusher); Rail Tamper (with auto lifting & aligning device); Refrigerating Machine (Freezer Operation); Rotary Drill, on Caisson work; Rough Terrain Fork Lift with Winch/Hoist; Side-Boom; Slip-Form Paver; Tower Derrick; Tree Shredder; Trench Machine (Over 24" wide); Truck Mounted Concrete Pump; Tug Boat; Tunnel Machine and/or Mining Machine; Wheel Excavator; and Asphalt Plant Engineer (Cleveland District Only).

GROUP 2 - Asphalt Paver; Automatic Subgrader Machine, Self-Propelled (CMI Type); Bobcat Type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Boring Machine More than 48"; Bulldozer; Endloader; Horizontal

Directional Drill (Over 50,000 ft lbs thrust); Hydro Milling Machine; Kolman-type Loader (production type-Dirt); Lead Greaseman; Lighting & Traffic Signal Installation Equipment (includes all groups or classifications); Material Transfer Equipment (Shuttle Buggy) Asphalt; Pettibone-Rail Equipment; Power Grader; Power Scraper; Push Cat; Rotomill (all), Grinders & Planers of All types; Trench Machine (24" wide & under); Vermeer type Concrete Saw; and Maintenance Operators (Portage and Summit Counties Only).

GROUP 3 - A-Frame; Air Compressor on Tunnel Work (low pressure); Asphalt Plant Engineer (Portage and Summit Counties Only); Bobcat-type and/or Skid Steer Loader with or without Attachments; Highway Drills (all types); Locomotive (narrow gauge); Material Hoist/Elevator; Mixer, Concrete (more than one bag capacity); Mixer, one bag capacity (Side Loader); Power Boiler (Over 15 lbs. Pressure) Pump Operator installing & operating Well Points; Pump (4" & over discharge); Roller, Asphalt; Rotovator (lime soil stabilizer); Switch & Tie Tampers (without lifting & aligning device); Utility Operator (Small equipment); Welding Machines; and Railroad Tie Inserter/Remover; Articulating/straight bed end dumps if assigned (minus \$4.00 per hour).

GROUP 4 - Backfiller; Ballast Re-locator; Bars, Joint & Mesh Installing Machine; Batch Plant; Boring Machine Operator (48" or less); Bull Floats; Burlap & Curing Machine; Concrete Plant (capacity 4 yd. & under); Concrete Saw (Multiple); Conveyor (Highway); Crusher; Deckhand; Farm-type Tractor with attachments (highway); Finishing Machine; Fireperson, Floating Equipment (all types); Forklift; Form Trencher; Hydro Hammer except masonry; Hydro Seeder; Pavement Breaker; Plant Mixer; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trencher; Roller

(Brick, Grade & Macadam); Self-Propelled Power Spreader;
Self-Propelled Power Subgrader; Steam Fireperson; Tractor
(Pulling Sheepfoot, Roller or Grader); and Vibratory
Compactor with Integral Power.

GROUP 5 - Compressor (Portable, Sewer, Heavy & Highway); Drum
Fireperson (Asphalt Plant); Generator; Masonry Fork Lift;
Inboard-Outboard Motor Boat Launch; Oil Heater (asphalt
plant); Oiler/Helper; Power Driven Heater; Power Sweeper &
Scrubber; Pump (under 4" discharge); Signalperson; Tire
Repairperson; VAC/ALLS; Cranes - Compact, track or rubber
under 4,000 pound capacity; fueling and greasing; and
Chainmen.

GROUP 6 - Master Mechanic & Boom from 150 to 180.

GROUP 7 - Boom from 180 and over.

ENGI0018-004 05/01/2019

ADAMS, ALLEN, ASHLAND, ATHENS, AUGLAIZE, BELMONT, BROWN,
BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON,
COSHOCOTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, FAIRFIELD,
FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, 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, and
YANDOT COUNTIES

Rates

Fringes

POWER EQUIPMENT OPERATOR

GROUP 1.....	\$ 37.14	15.20
GROUP 2.....	\$ 37.02	15.20
GROUP 3.....	\$ 35.98	15.20
GROUP 4.....	\$ 34.80	15.20
GROUP 5.....	\$ 29.34	15.20
GROUP 6.....	\$ 37.39	15.20
GROUP 7.....	\$ 37.64	15.20

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - Air Compressor on Steel Erection; Barrier Moving Machine; Boiler Operator on Compressor or Generator when mounted on a Rig; Cableway; Combination Concrete Mixer & Tower; Concrete Plant (over 4 yd. Capacity); Concrete Pump; Crane (All Types, Including Boom Truck, Cherry Picker); Crane-Compact, Track or Rubber over 4,000 lbs. capacity; Cranes-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick; Dragline; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loader; Floating Equipment (All Types); Gradall; Helicopter Crew (Operator-Hoist or Winch); Hoe (all types); Hoisting Engine on Shaft or Tunnel Work; Hydraulic Gantry (Lifting System); Industrial-Type Tractor; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotive (Standard Gauge); Maintenance Operator Class A; Mixer, Paving (Single or Double Drum); Mucking Machine; Multiple Scraper; Piledriving Machine (All Types); Power Shovel; Prentice Loader; Quad 9 (Double Pusher); Rail Tamper (with auto lifting & aligning device); Refrigerating Machine (Freezer Operation); Rotary Drill, on Caisson work; Rough Terrain Fork Lift with Winch/Hoist; Side-Boom; Slip-Form Paver; Tower Derrick; Tree Shredder; Trench Machine (Over 24" wide); Truck Mounted Concrete Pump; Tug Boat; Tunnel Machine and/or Mining Machine; and Wheel Excavator.

GROUP 2 - Asphalt Paver; Automatic Subgrader Machine,

Self-Propelled (CMI Type); Bobcat Type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Boring Machine More than 48"; Bulldozer; Endloader; Hydro Milling Machine; Horizontal Directional Drill (over 50,000 ft. lbs. thrust); Kolman-type Loader (production type-Dirt); Lead Greaseman; Lighting & Traffic Signal Installation Equipment (includes all groups or classifications); Material Transfer Equipment (Shuttle Buggy) Asphalt; Pettibone-Rail Equipment; Power Grader; Power Scraper; Push Cat; Rotomill (all), Grinders & Planers of All types; Trench Machine (24" wide & under); and Vermeer type Concrete Saw.

GROUP 3 - A-Frame; Air Compressor on Tunnel Work (low pressure); Asphalt Plant Engineer; Bobcat-type and/or Skid Steer Loader with or without Attachments; Highway Drills (all types); Locomotive (narrow gauge); Material Hoist/Elevator; Mixer, Concrete (more than one bag capacity); Mixer, one bag capacity (Side Loader); Power Boiler (Over 15 lbs. Pressure) Pump Operator installing & operating Well Points; Pump (4" & over discharge); Railroad Tie Inserter/Remover; Roller, Asphalt; Rotovator (lime soil stabilizer); Switch & Tie Tampers (without lifting & aligning device); Utility Operator (Small equipment); and Welding Machines; Articulating/straight bed end dumps if assigned (minus \$4.00 per hour).

GROUP 4 - Backfiller; Ballast Re-locator; Bars, Joint & Mesh Installing Machine; Batch Plant; Boring Machine Operator (48" or less); Bull Floats; Burlap & Curing Machine; Concrete Plant (capacity 4 yd. & under); Concrete Saw (Multiple); Conveyor (Highway); Crusher; Deckhand; Farm-type Tractor with attachments (highway); Finishing Machine; Fireperson, Floating Equipment (all types); Fork Lift; Form Trencher; Hydro Hammer except masonry; Hydro Seeder; Pavement Breaker; Plant Mixer; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trencher; Roller (Brick,

Grade & Macadam); Self-Propelled Power Spreader;
 Self-Propelled Power Subgrader; Steam Fireperson; Tractor
 (Pulling Sheepfoot, Roller or Grader); and Vibratory
 Compactor with Integral Power.

GROUP 5 - Compressor (Portable, Sewer, Heavy & Highway); Drum
 Fireperson (Asphalt Plant); Generator; Masonary Forklift;
 Inboard-Outboard Motor Boat Launch; Oil Heater (asphalt
 plant); Oiler/Helper; Power Driven Heater; Power Sweeper &
 Scrubber; Pump (under 4" discharge); Signalperson; Tire
 Repairperson; VAC/ALLS; Cranes - Compact, track or rubber
 under 4,000 pound capacity; fueling and greasing; and
 Chainmen.

GROUP 6 - Master Mechanic & Boom from 150 to 180.

GROUP 7 - Boom from 180 and over.

 ENGI0066-023 06/01/2017

COLUMBIANA, MAHONING & TRUMBULL COUNTIES

	Rates	Fringes
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POWER EQUIPMENT OPERATOR

ASBESTOS; HAZARDOUS/TOXIC

WASTE PROJECTS

GROUP 1 - A & B.....	\$ 39.23	19.66
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ASBESTOS; HAZARDOUS/TOXIC

WASTE PROJECTS

GROUP 2 - A & B.....	\$ 38.90	19.66
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ASBESTOS; HAZARDOUS/TOXIC

WASTE PROJECTS

GROUP 3 - A & B.....\$ 34.64	19.66
ASBESTOS; HAZARDOUS/TOXIC	
WASTE PROJECTS	
GROUP 4 - A & B.....\$ 30.70	19.66
ASBESTOS; HAZARDOUS/TOXIC	
WASTE PROJECTS	
GROUP 5 - A & B.....\$ 27.30	19.66
HAZARDOUS/TOXIC WASTE	
PROJECTS	
GROUP 1 - C & D.....\$ 35.96	19.66
HAZARDOUS/TOXIC WASTE	
PROJECTS	
GROUP 2 - C & D.....\$ 35.66	19.66
HAZARDOUS/TOXIC WASTE	
PROJECTS	
GROUP 3 - C & D.....\$ 31.76	19.66
HAZARDOUS/TOXIC WASTE	
PROJECTS	
GROUP 4 - C & D.....\$ 28.14	19.66
HAZARDOUS/TOXIC WASTE	
PROJECTS	
GROUP 5 - C & D.....\$ 25.03	19.66
ALL OTHER WORK	
GROUP 1.....\$ 32.69	19.66
ALL OTHER WORK	
GROUP 2.....\$ 32.42	19.66
ALL OTHER WORK	

GROUP 3.....\$ 28.87 19.66

ALL OTHER WORK

GROUP 4.....\$ 25.58 19.66

ALL OTHER WORK

GROUP 5.....\$ 22.75 19.66

GROUP 1 - Rig, Pile Driver or Caisson Type; & Rig, Pile
Hydraulic Unit Attached

GROUP 2 - Asphalt Heater Planer; Backfiller with Drag
Attachment; Backhoe; Backhoe with
Shear attached; Backhoe-Rear Pivotal Swing; Batch
Plant-Central Mix Concrete; Batch Plant, Portable
concrete; Berm Builder-Automatic; Boat Derrick; Boat-Tug;
Boring Machine Attached to Tractor; Bulldozer; Bulldozer;
C.M.I. Road Builder & Similar Type; Cable Placer & Layer;
Carrier-Straddle; Carryall-Scraper or Scoop; Chicago Boom;
Compactor with Blade Attached; Concrete Saw (Vermeer or
similar type); Concrete Spreader Finisher; Combination,
Bidwell Machine; Crane; Crane-Electric Overhead;
Crane-Rough Terrain; Crane-Side Boom; Crane-Truck;
Crane-Tower; Derrick-Boom; Derrick-Car; Digger-Wheel (Not
trencher or road widener); Double Nine; Drag Line; Dredge;
Drill-Kenny or Similar Type; Easy Pour Median Barrier
Machine (or similar type); Electromatic; Frankie Pile;
Gradall; Grader; Gurry; Self-Propelled; Heavy Equipment
Robotics Operator/Mechanic; Hoist-Monorail;
Hoist-Stationary & Mobile Tractor; Hoist, 2 or 3 drum;
Horizontal Directional Drill Operator; Jackall; Jumbo
Machine; Kocal & Kuhlman; Land-Seagoing Vehicle; Loader,
Elevating; Loader, Front End; Loader, Skid Steer;
Locomotive; Mechanic/Welder; Metro Chip Harvester with
Boom; Mucking Machine; Paver-Asphalt Finishing Machine;
Paver-Road Concrete; Paver-Slip Form (C.M.I. or similar);
Place Crete Machine with Boom; Post Driver (Carrier

mounted); Power Driven Hydraulic Pump & Jack (When used in Slip Form or Lift Slab Construction); Pump Crete Machine; Regulator-Ballast; Hydraulic Power Unit not attached to Rig for Pile Drillings; Rigs-Drilling; Roto Mill or similar Full Lane (8' Wide & Over); Roto Mill or similar type (Under 8'); Shovel; Slip Form Curb Machine; Speedwing; Spikemaster; Stonecrusher; Tie Fuller & Loader; Tie Tamper; Tractor-Double Boom; Tractor with Attachments; Truck-Boom; Truck-Tire; Trench Machine; Tunnel Machine (Mark 21 Java or similar); & Whirley (or similar type)

GROUP 3 - Asphalt Plant; Bending Machine (Pipeline or similar type); Boring machine, Motor Driven; Chip Harvester without Boom; Cleaning Machine, Pipeline Type; Coating Machine, Pipeline Type; Compactor; Concrete Belt Placer; Concrete Finisher; Concrete Planer or Asphalt; Concrete Spreader; Elevator; Fork Lift (Home building only); Fork lift & Lulls; Fork Lift Walk Behind (Hoisting over 1 buck high); Form Line Machine; Grease Truck operator; Grout Pump; Gunnite Machine; Horizontal Directional Drill Locator; Single Drum Hoist with or without Tower; Huck Bolting Machine; Hydraulic Scaffold (Hoisting building materials); Paving Breaker (Self-propelled or Ridden); Pipe Dream; Pot Fireperson (Power Agitated); Refrigeration Plant; Road Widener; Roller; Sasgen Derrick; Seeding Machine; Soil Stabilizer (Pump type); Spray Cure Machine, Self-Propelled; Straw Blower Machine; Sub-Grader; Tube Finisher or Broom C.M.I. or similar type; & Tugger Hoist

GROUP 4 - Air Curtain Destructor & Similar Type; Batch Plant-Job Related; Boiler Operator; Compressor; Conveyor; Curb Builder, self-propelled; Drill Wagon; Generator Set; Generator-Steam; Heater-Portable Power; Hydraulic Manipulator Crane; Jack-Hydraulic Power driven; Jack-Hydraulic (Railroad); Ladavator; Minor Machine Operator; Mixer-Concrete; Mulching Machine; Pin Puller; Power Broom; Pulverizer; Pump; Road Finishing Machine (Pull

Type); Saw-Concrete-Self-Propelled (Highway Work); Signal
 Person; Spray Cure Machine-Motor Powered; Stump Cutter;
 Tractor; Trencher Form; Water Blaster; Steam Jenny;
 Syphon; Vibrator-Gasoline; & Welding Machine

GROUP 5 - Brakeperson; Fireperson; & Oiler

 IRON0017-002 05/01/2019

ASHTABULA (North of Route 6, starting at the Geauga County
 Line, proceeding east to State Route 45), CUYAHOGA, ERIE
 (Eastern 2/3), GEAUGA, HURON (East of a line drawn from the
 north border through Monroeville & Willard), LAKE, LORAIN,
 MEDINA (North of Old Rte. #224), PORTAGE (West of a line from
 Middlefield to Shalersville to Deerfield), and SUMMIT (North of
 Old Rte. #224, including city limits of Barberton) COUNTIES

	Rates	Fringes
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IRONWORKER

Ornamental, Reinforcing, &		
Structural.....	\$ 34.93	22.00

 IRON0017-010 05/01/2019

ASHTABULA (Eastern part from Lake Erie on the north to route
 #322 on the south to include Conneaut, Kingsville, Sheffield,
 Denmark, Dorset, Cherry Valley, Wayne, Monroe, Pierpont,
 Richmond, Andover & Williamsfield Townships)

	Rates	Fringes
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IRONWORKER

Structural, including		
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metal building erection &		
Reinforcing.....	\$ 34.93	22.00

IRON0044-001 06/01/2018

ADAMS (Western Part), BROWN, BUTLER (Southern Part), CLERMONT,
CLINTON (South of a line drawn from Blanchester to Lynchburg),
HAMILTON, HIGHLAND (Excluding eastern one-fifth & portion of
county inside lines drawn from Marshall to Lynchburg from the
northern county line through E. Monroe to Marshall) and WARREN
(South of a line drawn from Blanchester through Morrow to the
west county line) COUNTIES

	Rates	Fringes
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IRONWORKER, REINFORCING

Beyond 30-mile radius of		
Hamilton County Courthouse..	\$ 28.67	21.20
Up to & including 30-mile		
radius of Hamilton County		
Courthouse.....	\$ 27.60	20.70

IRON0044-002 06/01/2019

CLINTON (South of a line drawn from Blanchester to Lynchburg),
HAMILTON, HIGHLAND (Excluding eastern one-fifth & portion of
county inside lines drawn from Marshall to Lynchburg from the
northern county line through E. Monroe to Marshall) & WARREN
(South of a line drawn from Blanchester through Morrow to the
west county line)

	Rates	Fringes
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IRONWORKER

Fence Erector.....	\$ 28.00	21.20
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Ornamental; Structural.....\$ 29.47 21.20

IRON0055-003 07/01/2018

CRAWFORD (Area Between lines drawn from where Hwy #598 & #30 meet through N. Liberty to the northern border & from said Hwy junction point due west to the border), DEFIANCE (S. of a line drawn from where Rte. #66 meets the northern line through Independence to the eastern county border), ERIE (Western 1/3), FULTON, HANCOCK, HARDIN (North of a line drawn from Maysville to a point 4 miles south of the northern line on the eastern line), HENRY, HURON (West of a line drawn from the northern border through Monroeville & Willard), LUCAS, OTTAWA, PUTNAM (East of a line drawn from the northern border down through Miller City to where #696 meets the southern border), SANDUSKY, SENECA, WILLIAMS (East of a line drawn from Pioneer through Stryker to the southern border), WOOD & WYANDOT (North of Rte. #30)

	Rates	Fringes
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IRONWORKER

Fence Erector.....	\$ 21.30	20.92
Flat Road Mesh.....	\$ 29.77	21.30
Tunnels & Caissons Under		
Pressure.....	\$ 29.77	21.30
All Other Work.....	\$ 30.13	23.25

IRON0147-002 06/01/2015

ALLEN (Northern half), DEFIANCE (Northern part, excluding south of a line drawn from where Rte. #66 meets the northern line through Independence to the eastern county border), MERCER (Northern half), PAULDING, PUTNAM (Western part, excluding east of a line drawn from the northern border down through Miller City to where #696 meets the southern border), VAN WERT, and

WILLIAMS (Western part, excluding east of a line drawn from Pioneer through Stryker to the southern border) COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 25.39	20.64

IRON0172-002 06/01/2019

CHAMPAIGN (Eastern one-third), CLARK (Eastern one-fourth), COSHOCTON (West of a line beginning at the northwestern county line going through Walhonding & Tunnel Hill to the southern county line), CRAWFORD (South of Rte. #30), DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, HARDIN (Excluding a line drawn from Roundhead to Maysville), HIGHLAND (Eastern one-fifth), HOCKING, JACKSON (Northern half), KNOX, LICKING, LOGAN (Eastern one-third), MADISON, MARION, MORROW, MUSKINGUM (West of a line starting at Adams Mill going to Adamsville & going from Adamsville through Blue Rock to the southern border), PERRY, PICKAWAY, PIKE (Northern half), ROSS, UNION, VINTON and WYANDOT (South of Rte. #30) COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 30.00	20.70

IRON0207-004 06/01/2018

ASHTABULA (Southern part starting at the Geauga County line), COLUMBIANA (E. of a line from Damascus to Highlandtown), MAHONING (N. of Old Route #224), PORTAGE (E. of a line from Middlefield to Shalersville to Deerfield) & TRUMBULL

	Rates	Fringes
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IRONWORKER

Layout; Sheeter.....\$ 29.92	25.61
Ornamental; Reinforcing;	
Structural.....\$ 28.06	24.70
Ornamental; Reinforcing.....\$ 28.92	25.61

IRON0290-002 06/01/2019

ALLEN (Southern half), AUGLAIZE, BUTLER (North of a line drawn from east to the west county line going through Oxford, Darrtown & Woodsdale), CHAMPAIGN (Excluding east of a line drawn from Catawla to the point where #68 intersects the northern county line), CLARK (Western two-thirds), CLINTON (Excluding south of a line drawn from Blanchester to Lynchburg), DARKE, GREENE, HIGHLAND (Inside lines drawn from Marshall to Lynchburg & from the northern county line through East Monroe to Marshall), LOGAN (West of a line drawn from West Liberty to where the northern county line meets the western county line of Hardin), MERCER (Southern half), MIAMI, MONTGOMERY, PREBLE, SHELBY & WARREN (Excluding south of a line drawn from Blanchester through Morrow to the western county line) COUNTIES

	Rates	Fringes
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IRONWORKER.....\$ 29.23	33.35
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IRON0549-003 12/01/2018

BELMONT, GUERNSEY, HARRISON, JEFFERSON, MONROE & MUSKINGUM (Excluding portion west of a line starting at Adams Mill going to Adamsville and going from Adamsville through Blue Rock to the south border)

	Rates	Fringes
IRONWORKER.....	\$ 33.34	20.81

IRON0550-004 05/01/2018

ASHLAND, CARROLL, COLUMBIANA (W. of a line from Damascus to Highlandtown), COSHOCTON (E. of a line beginning at NW Co. line going through Walbonding & Tunnel Hill to the South Co. line), HOLMES, HURON (S. of Old Rte. #224), MAHONING (S. of Old Rte. #224), MEDINA (S. of Old Rte. #224), PORTAGE (S. of Old Rte. #224), RICHLAND, STARK, SUMMIT (S. of Old Rte. #224, Excluding city limits of Barberton), TUSCARAWAS, & WAYNE

	Rates	Fringes
Ironworkers:Structural, Ornamental and Reinforcing.....	\$ 27.60	19.61

IRON0769-004 06/01/2019

ADAMS (Eastern Half), GALLIA, JACKSON (Southern Half), LAWRENCE & SCIOTO

	Rates	Fringes
IRONWORKER.....	\$ 32.00	25.95

IRON0787-003 12/01/2017

ATHENS, MEIGS, MORGAN, NOBLE, and WASHINGTON COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 29.68	21.55

LABOC265-008 05/01/2018

	Rates	Fringes
LABORER		
ASHTABULA, ERIE, HURON,		
LORAIN, LUCAS, MAHONING,		
MEDINA, OTTAWA, PORTAGE,		
SANDUSKY, STARK, SUMMIT,		
TRUMBULL & WOOD COUNTIES		
GROUP 1.....	\$ 31.05	10.95
GROUP 2.....	\$ 31.22	10.95
GROUP 3.....	\$ 31.55	10.95
GROUP 4.....	\$ 32.00	10.95
CUYAHOGA AND GEAUGA		
COUNTIES ONLY: SEWAGE		
PLANTS, WASTE PLANTS,		
WATER TREATMENT		
FACILITIES, PUMPING		
STATIONS, & ETHANOL PLANTS		
CONSTRUCTION.....	\$ 33.66	10.95
CUYAHOGA, GEAUGA & LAKE		
COUNTIES		
GROUP 1.....	\$ 32.28	10.95
GROUP 2.....	\$ 32.45	10.95
GROUP 3.....	\$ 32.78	10.95
GROUP 4.....	\$ 33.23	10.95
REMAINING COUNTIES OF OHIO		
GROUP 1.....	\$ 30.62	10.95
GROUP 2.....	\$ 30.79	10.95
GROUP 3.....	\$ 31.12	10.95
GROUP 4.....	\$ 31.57	10.95
LABORER CLASSIFICATIONS		

GROUP 1 - Asphalt Laborer; Carpenter Tender; Concrete Curing

Applicator; Dump Man (Batch Truck); Guardrail and Fence Installer; Joint Setter; Laborer (Construction); Landscape Laborer; Mesh Handlers & Placer; Right-of-way Laborer; Riprap Laborer & Grouter; Scaffold Erector; Seal Coating; Surface Treatment or Road Mix Laborer; Sign Installer; Slurry Seal; Utility Man; Bridge Man; Handyman; Waterproofing Laborer; Flagperson; Hazardous Waste (level D); Diver Tender; Zone Person & Traffic Control

GROUP 2 - Asphalt Raker; Concrete Puddler; Kettle Man Pipeline); Machine Driven Tools (Gas, Electric, Air); Mason Tender; Brick Paver; Mortar Mixer; Power Buggy or Power Wheelbarrow; Paint Striper; Sheeting & Shoring Man; Surface Grinder Man; Plastic Fusing Machine Operator; Pug Mill Operator; & Vacuum Devices (wet or dry); Rodding Machine Operator; Diver; Screwman or Paver; Screed Person; Water Blast, Hand Held Wand; Pumps 4" & Under (Gas, Air or Electric) & Hazardous Waste (level C); Air Track and Wagon Drill; Bottom Person; Cofferdam (below 25 ft. deep); Concrete Saw Person; Cutting with Burning Torch; Form Setter; Hand Spiker (Railroad); Pipelayer; Tunnel Laborer (without air) & Caisson; Underground Person (working in Sewer and Waterline, Cleaning, Repairing & Reconditioning); Sandblaster Nozzle Person; & Hazardous Waste (level B)

GROUP 3 - Blaster; Mucker; Powder Person; Top Lander; Wrencher (Mechanical Joints & Utility Pipeline); Yarnier; Hazardous Waste (level A); Concrete Specialist; Concrete Crew in Tunnels (With Air-pressurized - \$1.00 premium); Curb Setter & Cutter; Grade Checker; Utility Pipeline Tapper; Waterline; and Caulker

GROUP 4 - Miner (With Air-pressurized - \$1.00 premium); & Guniting Nozzle Person

TUNNEL LABORER WITH AIR-PRESSURIZED ADD \$1.00 TO BASE RATE

SIGNAL PERSON WILL RECEIVE THE RATE EQUAL TO THE RATE PAID
THE LABORER CLASSIFICATION FOR WHICH HE OR SHE IS SIGNALING.

PAIN0006-002 05/01/2018

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, PORTAGE (N. of the
East-West Turnpike) & SUMMIT (N. of the East-West Turnpike)

	Rates	Fringes
PAINTER		
COMMERCIAL NEW WORK;		
REMODELING; & RENOVATIONS		
GROUP 1.....	\$ 27.90	16.16
GROUP 2.....	\$ 28.30	16.16
GROUP 3.....	\$ 28.60	16.16
GROUP 4.....	\$ 34.16	16.16
COMMERCIAL REPAINT		
GROUP 1.....	\$ 26.40	16.16
GROUP 2.....	\$ 26.80	16.16
GROUP 3.....	\$ 27.10	16.16

PAINTER CLASSIFICATIONS - COMMERCIAL NEW WORK; REMODELING; &
RENOVATIONS

GROUP 1 - Brush; & Roller

GROUP 2 - Sandblasting & Buffing

GROUP 3 - Spray Painting; Closed Steel Above 55 feet; Bridges
& Open Structural Steel; Tanks - Water Towers; Bridge
Painters; Bridge Riggers; Containment Builders

GROUP 4 - Bridge Blaster

PAINTER CLASSIFICATIONS - COMMERCIAL REPAINT

GROUP 1 - Brush; & Roller

GROUP 2 - Sandblasting & Buffing

GROUP 3 - Spray Painting

PAIN0007-002 07/01/2018

FULTON, HENRY, LUCAS, OTTAWA (Excluding Allen, Bay, Bone,
Catawba Island, Clay Center, Curtice, Danbury, Eagle Beach,
Elliston, Elmore, Erie, Fishback, Gem Beach & Genova) & WOOD

Rates

Fringes

PAINTER

NEW COMMERCIAL WORK

GROUP 1.....	\$ 25.89	17.09
GROUP 2.....	\$ 26.89	17.09
GROUP 3.....	\$ 26.89	17.09
GROUP 4.....	\$ 26.89	17.09
GROUP 5.....	\$ 26.89	17.09
GROUP 6.....	\$ 26.89	17.09
GROUP 7.....	\$ 26.89	17.09
GROUP 8.....	\$ 26.89	17.09
GROUP 9.....	\$ 26.89	17.09

REPAINT IS 90% OF JR

PAINTER CLASSIFICATIONS

GROUP 1 - Brush; Spray & Sandblasting Pot Tender

GROUP 2 - Refineries & Refinery Tanks; Surfaces 30 ft. or

over where material is applied to or labor performed on
above ground level (exterior), floor level (interior)

GROUP 3 - Swing Stage & Chair

GROUP 4 - Lead Abatement

GROUP 5 - All Methods of Spray

GROUP 6 - Solvent-Based Catalized Epoxy Materials of 2 or
More Component Materials, to include Solvent-Based
Conversion Varnish (excluding water based)

GROUP 7 - Spray Solvent Based Material; Sand & Abrasive
Blasting

GROUP 8 - Towers; Tanks; Bridges; Stacks Over 30 Feet

GROUP 9 - Epoxy Spray (excluding water based)

* PAIN0012-008 05/01/2019

BUTLER COUNTY

	Rates	Fringes
PAINTER		
GROUP 1.....	\$ 21.95	20.17
GROUP 2.....	\$ 25.30	20.17
GROUP 3.....	\$ 25.80	20.17
GROUP 4.....	\$ 26.05	20.17
GROUP 5.....	\$ 26.30	20.17

PAINTER CLASSIFICATIONS

GROUP 1: Bridge Equipment Tender; Bridge/Containment Builder

GROUP 2: Brush & Roller

GROUP 3: Spray

GROUP 4: Sandblasting; & Waterblasting

GROUP 5: Elevated Tanks; Steeplejack Work; Bridge; & Lead
Abatement

* PAIN0012-010 05/01/2019

BROWN, CLERMONT, CLINTON, HAMILTON & WARREN

	Rates	Fringes
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PAINTER

HEAVY & HIGHWAY BRIDGES-

GUARDRAILS-LIGHTPOLES-

STRIPING

Bridge Equipment Tender and Containment Builder....	\$ 21.95	20.17
Bridges when highest point of clearance is 60 feet or more; & Lead Abatement Projects.....	\$ 26.30	20.17
Brush & Roller.....	\$ 25.30	20.17
Sandblasting & Hopper Tender; Water Blasting.....	\$ 26.05	20.17
Spray.....	\$ 25.80	20.17

PAIN0093-001 12/01/2018

ATHENS, GUERNSEY, HOCKING, MONROE, MORGAN, NOBLE and
WASHINGTON COUNTIES

	Rates	Fringes
PAINTER		
Bridges; Locks; Dams;		
Tension Towers; &		
Energized Substations.....\$ 34.04		18.50
Power Generating Facilities.\$ 30.89		18.50

PAIN0249-002 05/01/2019

CLARK, DARKE, GREENE, MIAMI, MONTGOMERY & PREBLE

	Rates	Fringes
PAINTER		
GROUP 1 - Brush & Roller....\$ 23.67		11.50
GROUP 2 - Swing, Scaffold		
Bridges; Structural Steel;		
Open Acid Tank; High		
Tension Electrical		
Equipment; & Hot Pipes.....\$ 23.67		11.50
GROUP 3 - Spray;		
Sandblast; Steamclean;		
Lead Abatement.....\$ 24.42		11.50
GROUP 4 - Steeplejack Work..\$ 24.62		11.50
GROUP 5 - Coal Tar.....\$ 25.17		11.50
GROUP 6 - Bridge Equipment		
Tender & or Containment		
Builder.....\$ 32.38		11.50
GROUP 7 - Tanks, Stacks &		
Towers.....\$ 27.31		11.50
GROUP 8 - Bridge Blaster,		
Rigger.....\$ 35.38		11.50

 PAIN0356-002 09/01/2009

KNOX, LICKING, MUSKINGUM, and PERRY

	Rates	Fringes
PAINTER		
Bridge Equipment Tenders and Containment Builders.....	\$ 27.93	7.25
Bridges; Blasters; and Riggers.....	\$ 34.60	7.25
Brush and Roller.....	\$ 20.93	7.25
Sandblasting; Steam Cleaning; Waterblasting; and Hazardous Work.....	\$ 25.82	7.25
Spray.....	\$ 21.40	7.25
Structural Steel and Swing Stage.....	\$ 25.42	7.25
Tanks; Stacks; and Towers...	\$ 28.63	7.25

 PAIN0438-002 12/01/2018

BELMONT, HARRISON and JEFFERSON COUNTIES

	Rates	Fringes
PAINTER		
Bridges, Locks, Dams, Tension Towers & Energized Substations.....	\$ 32.80	17.68
Power Generating Facilities.	\$ 29.65	17.68

 PAIN0476-001 06/01/2019

COLUMBIANA, MAHONING, and TRUMBULL COUNTIES

	Rates	Fringes
PAINTER		
GROUP 1.....	\$ 25.82	16.58
GROUP 2.....	\$ 32.45	16.58
GROUP 3.....	\$ 26.03	16.58
GROUP 4.....	\$ 26.47	16.58
GROUP 5.....	\$ 26.47	16.58
GROUP 6.....	\$ 26.72	16.58
GROUP 7.....	\$ 27.82	16.58

PAINTER CLASSIFICATIONS:

GROUP 1: Painters, Brush & Roller

GROUP 2: Bridges

GROUP 3: Structural Steel

GROUP 4: Spray, Except Bar Joist/Deck

GROUP 5: Epoxy/Mastic; Spray- Bar Joist/Deck; Working Above
50 Feet; and Swingstages

GROUP 6: Tanks; Sandblasting

GROUP 7: Towers; Stacks

PAIN0555-002 06/01/2019

ADAMS, HIGHLAND, JACKSON, PIKE & SCIOTO

	Rates	Fringes
PAINTER		
GROUP 1.....	\$ 31.04	16.31

GROUP 2.....	\$ 32.50	16.31
GROUP 3.....	\$ 33.96	16.31
GROUP 4.....	\$ 36.62	16.31

PAINTER CLASSIFICATIONS

GROUP 1 - Containment Builder

GROUP 2 - Brush; Roller; Power Tools, Under 40 feet

GROUP 3 - Sand Blasting; Spray; Steam Cleaning; Pressure Washing; Epoxy & Two Component Materials; Lead Abatement; Hazardous Waste; Toxic Materials; Bulk & Storage Tanks of 25,000 Gallon Capacity or More; Elevated Tanks

GROUP 4 - Stacks; Bridges

PAIN0639-001 05/01/2011

	Rates	Fringes
Sign Painter & Erector.....	\$ 20.61	3.50+a+b+c

FOOTNOTES: a. 7 Paid Holidays: New Year's Day; Memorial Day; July 4th; Labor Day; Thanksgiving Day; Christmas Day & 1 Floating Day

b. Vacation Pay: After 1 year's service - 5 days' paid vacation; After 2, but less than 10 years' service - 10 days' paid vacation; After 10, but less than 20 years' service - 15 days' paid vacation; After 20 years' service - 20 days' paid vacation

c. Funeral leave up to 3 days maximum paid leave for death of mother, father, brother, sister, spouse, child, mother-in-law, father-in-law, grandparent and inlaw provided employee attends funeral

PAIN0788-002 06/01/2019

ASHLAND, CRAWFORD, ERIE, HANCOCK, HURON, MARION, MORROW, OTTAWA
(Allen, Bay, Bono, Catawba Island, Clay Center, Curtice,
Danbury, Eagle Beach, Elliston, Elmore, Erie, Fishback, Gem
Beach & Genoa), RICHLAND, SANDUSKY, SENECA & WYANDOT

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 24.66	14.05
Structural Steel.....	\$ 26.26	14.05

WINTER REPAINT: Between December 1 to March 31 - 90%JR

\$.50 PER HOUR SHALL BE ADDED TO THE RATE OF PAY FOR THE
CLASSIFICATION OF WORK:

While working swingstage, boatswain chair, needle beam and
horizontal cable. While operating sprayguns, sandblasting,
cobblasting and high pressure waterblasting (4000psi).

\$1.00 PER HOUR SHALL BE ADDED TO THE RATE OF PAY FOR THE
CLASSIFICATION OF WORK:

For the application of catalized epoxy, including latex epoxy
that is deemed hazardous, lead abatement, or for work on
material where special precautions beyond normal work
duties must be taken. For working on stacks, tanks, and
towers over 40 feet in height.

PAIN0813-005 12/01/2008

GALLIA, LAWRENCE, MEIGS & VINTON

	Rates	Fringes
PAINTER		
Base Rate.....	\$ 24.83	10.00
Bridges, Locks, Dams &		
Tension Towers.....	\$ 27.83	10.00

PAIN0841-001 06/01/2018

MEDINA, PORTAGE (South of and including Ohio Turnpike), and
 SUMMIT (South of and including Ohio Turnpike) COUNTIES

	Rates	Fringes
Painters:		
GROUP 1.....	\$ 25.75	14.35
GROUP 2.....	\$ 26.40	14.35
GROUP 3.....	\$ 26.50	14.35
GROUP 4.....	\$ 26.60	14.35
GROUP 5.....	\$ 27.00	14.35
GROUP 6.....	\$ 39.20	11.75
GROUP 7.....	\$ 27.00	14.35

PAINTER CLASSIFICATIONS:

GROUP 1 - Brush, Roller & Paperhanger

GROUP 2 - Epoxy Application

GROUP 3 - Swing Scaffold, Bosum Chair, & Window Jack

GROUP 4 - Spray Gun Operator of Any & All Coatings

GROUP 5 - Sandblast, Painting of Standpipes, etc. from
 Scaffolds, Bridge Work and/or Open Structural Steel,

Standpipes and/or Water Towers

GROUP 6 - Public & Commerce Transportation, Steel or
Galvanized, Bridges, Tunnels & Related Support Items
(concrete)

GROUP 7 - Synthetic Exterior, Drywall Finisher and/or Taper,
Drywall Finisher and Follow-up Man Using Automatic Tools

PAIN0841-002 06/01/2018

CARROLL, COSHOCTON, HOLMES, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
PAINTER		
Bridges; Towers, Poles &		
Stacks; Sandblasting		
Steel; Structural Steel &		
Metalizing.....	\$ 22.78	13.63
Brush & Roller.....	\$ 21.77	13.63
Spray; Tank Interior &		
Exterior.....	\$ 22.60	13.63

PAIN1020-002 04/01/2019

ALLEN, AUGLAIZE, CHAMPAIGN, DEFIANCE, HARDIN, LOGAN, MERCER,
PAULDING, PUTNAM, SHELBY, VAN WERT, and WILLIAMS COUNTIES

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 24.57	15.03
Drywall Finishing & Taping..	\$ 23.27	15.03
Lead Abatement.....	\$ 26.32	15.03

Spray, Sandblasting		
Pressure Cleaning, &		
Refinery.....	\$ 25.32	15.03
Swing Stage, Chair,		
Spiders, & Cherry Pickers...	\$ 24.82	15.03
Wallcoverings.....	\$ 22.17	15.03

All surfaces 40 ft. or over where material is applied to or
labor performed on, above ground level (exterior), floor
level (interior) - \$.50 premium

Applying Coal Tar Products - \$1.00 premium

PAIN1275-002 05/01/2019

DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, MADISON, PICKAWAY, ROSS
& UNION

	Rates	Fringes
PAINTER		
Bridges.....	\$ 34.24	14.20
Brush; Roller.....	\$ 24.76	14.20
Sandblasting;		
Steamcleaning;		
Waterblasting (3500 PSI or		
Over)& Hazardous Work.....	\$ 25.46	14.20
Spray.....	\$ 25.26	14.20
Stacks; Tanks; & Towers.....	\$ 28.27	14.20
Structural Steel & Swing		
Stage.....	\$ 25.06	14.20

PLAS0109-001 05/01/2018

MEDINA, PORTAGE, STARK, and SUMMIT COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.86	17.11

PLAS0109-003 05/01/2018

CARROLL, HOLMES, TUSCARAWAS, and WAYNE COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.21	17.11

PLAS0132-002 05/01/2018

BROWN, BUTLER, CLERMONT, HAMILTON, HIGHLAND, WARREN COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.86	17.11

PLAS0404-002 05/01/2018

ASHTABULA, CUYAHOGA, GEAUGA, AND LAKE COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 29.63	17.11

PLAS0404-003 05/01/2018

LORAIN COUNTY

	Rates	Fringes
PLASTERER.....	\$ 28.86	17.11

PLAS0526-022 05/01/2018

COLUMBIANA, MAHONING, and TRUMBULL COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.86	17.11

PLAS0526-023 05/01/2018

BELMONT, HARRISON, and JEFFERSON COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.21	17.11

PLAS0886-001 05/01/2018

FULTON, HANCOCK, HENRY, LUCAS, PUTNAM, and WOOD COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 29.63	17.11

PLAS0886-003 05/01/2018

DEFIANCE, ERIE, HURON, OTTAWA, PAULDING, SANDUSKY, and SENECA
COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.86	17.11

PLAS0886-004 05/01/2018

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, and VAN WERT COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.21	17.11

PLUM0042-002 07/01/2018

ASHLAND, CRAWFORD, ERIE, HURON, KNOX, LORAIN, MORROW, RICHLAND
& WYANDOT

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 34.20	22.07

PLUM0050-002 07/01/2019

DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA, PAULDING,
PUTNAM, SANDUSKY, SENECA, WILLIAMS & WOOD

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 42.00	26.73

PLUM0055-003 04/29/2019

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA (N. of Rte. #18 &
Smith Road) & SUMMIT (N. of Rte. #303, including the corporate
limits of the city of Hudson)

	Rates	Fringes
PLUMBER.....	\$ 36.55	26.74

PLUM0083-001 07/01/2017

BELMONT & MONROE (North of Rte. #78)

	Rates	Fringes
Plumber and Steamfitter.....	\$ 32.16	31.51

PLUM0094-002 05/01/2019

CARROLL (Northern Half), STARK, and WAYNE COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 35.78	20.14

PLUM0120-002 04/30/2018

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN (the C.E.I. Power House in Avon Lake), MEDINA (N. of Rte. #18) & SUMMIT (N. of #303)

	Rates	Fringes
PIPEFITTER.....	\$ 37.67	22.42

PLUM0162-002 06/17/2019

CHAMPAIGN, CLARK, CLINTON, DARKE, FAYETTE, GREENE, MIAMI, MONTGOMERY & PREBLE

	Rates	Fringes
Plumber, Pipefitter,		

Steamfitter.....\$ 31.25 24.37

PLUM0168-002 06/01/2018

MEIGS, MONROE (South of Rte. #78), MORGAN (South of Rte. #78)
& WASHINGTON

Rates Fringes

PLUMBER/PIPEFITTER.....\$ 34.17 31.08

PLUM0189-002 06/01/2018

DELAWARE, FAIRFIELD, FRANKLIN, HOCKING, LICKING, MADISON,
MARION, PERRY, PICKAWAY, ROSS & UNION

Rates Fringes

Plumber, Pipefitter,
Steamfitter.....\$ 36.20 23.74

PLUM0219-002 05/31/2018

MEDINA (Rte. #18 from eastern edge of Medina Co., west to
eastern corporate limits of the city of Medina, & on the county
road from the west corporate limits of Medina running due west
to and through community of Risley to the western edge of
Medina County - All territory south of this line), PORTAGE, and
SUMMIT (S. of Rte. #303) COUNTIES

Rates Fringes

Plumber and Steamfitter.....\$ 37.02 23.79

PLUM0392-002 06/01/2019

BROWN, BUTLER, CLERMONT, HAMILTON & WARREN

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 32.81	21.27

PLUM0396-001 06/01/2019

COLUMBIANA (Excluding Washington & Yellow Creek Townships & Liverpool Twp. - Secs. 35 & 36 - West of County Road #427), MAHONING and TRUMBULL COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 34.00	25.46

PLUM0495-002 06/01/2018

CARROLL (Rose, Monroe, Union, Lee, Orange, Perry & Loudon Townships), COLUMBIANA (Washington & Yellow Creek Townships & Liverpool Township, Secs. 35 & 36, West of County Rd. #427), COSHOCTON, GUERNSEY, HARRISON, HOLMES, JEFFERSON, MORGAN (South to State Rte. #78 & from McConnelssville west on State Rte. #37 to the Perry County line), MUSKINGUM, NOBLE, and TUSCARAWAS COUNTIES

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 38.24	23.09

PLUM0577-002 06/01/2019

ADAMS, ATHENS, GALLIA, HIGHLAND, JACKSON, LAWRENCE, PIKE,
SCIOTO & VINTON

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 34.90	24.11

PLUM0776-002 07/01/2018

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, SHELBY and VAN WERT
COUNTIES

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 35.75	23.88

TEAM0377-003 05/01/2019

STATEWIDE, EXCEPT CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 28.04	15.70
GROUP 2.....	\$ 28.46	15.70

TRUCK DRIVER CLASSIFICATIONS

GROUP 1 - Asphalt Distributor; Batch; 4- Wheel Service;
4-Wheel Dump; Oil Distributor & Tandem

GROUP 2 - Tractor-Trailer Combination; Fuel; Pole Trailer;
Ready Mix; Semi-Tractor; & Asphalt Oil Spraybar Man When

Operated From Cab; 5 Axles & Over; Belly Dump; End Dump;
 Articulated Dump; Heavy Duty Equipment; Low Boy; & Truck
 Mechanic

 TEAM0436-002 05/01/2019

CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 28.40	16.95
GROUP 2.....	\$ 28.90	16.95

GROUP 1: Straight & Dump, Straight Fuel

GROUP 2: Semi Fuel, Semi Tractor, Euclids, Darts, Tank,
 Asphalt Spreaders, Low Boys, Carry-All, Tourna-Rockers,
 Hi-Lifts, Extra Long Trailers, Semi-Pole Trailers, Double
 Hook-Up Tractor Trailers including Team Track & Railroad
 Siding, Semi-Tractor & Tri-Axle Trailer, Tandem Tractor &
 Tandem Trailer, Tag Along Trailer, Expandable Trailer or
 Towing Requiring Road Permits, Ready-Mix (Agitator or
 Non-Agitator), Bulk Concrete Driver, Dry Batch Truck,
 Articulated End Dump

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

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 Note: Executive Order (EO) 13706, Establishing Paid Sick Leave
 for Federal Contractors applies to all contracts subject to the
 Davis-Bacon Act for which the contract is awarded (and any

solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

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"

SECTION 01010
DEFINITION OF CONTRACT ITEMS

PART 1 GENERAL

1.01 FOREWORD

- A. This Section describes the various Contract Items listed in the Bid.

1.02 WORK INCLUDED

- A. Under each Item the Contractor shall furnish all labor, materials, tools, plant equipment, supplies, maintenance of equipment, heating, lighting and power, insurance and bonds, coordination, and all Work and in accordance with the Specifications Parts A, B, and Divisions 1 through 16 of Part C and necessary to complete the Work in accordance with the obvious or expressed intent of the Contract Documents.

1.03 WORKMANSHIP AND MATERIALS

- A. The quality of workmanship and materials entering into any and all of the Items and the Work included shall conform to pertinent sections, paragraphs, sentences, and clauses, both directly and indirectly applicable thereto, contained in the Contract Documents, whether or not direct reference to such occurs under each Item in this Section.

1.04 PAYMENT

- A. The lump sum and unit prices stated in the Bid shall be payment in full for the completion of all Work specified and described or required to be included in the Contract, complete, and ready for use.

PART 2 PRODUCTS

Not used.

PART 3 EXECUTION

Not used.

PART 4 SPECIAL PROVISIONS

4.01 CONTRACT ITEMS

- A. The contract items are defined on the following pages.

ITEM 1

MOBILIZATION AND DEMOBILIZATION

1.01 DESCRIPTION

- A. This Item is intended to pay non-recurring cost to the Contractor not recovered under other pay Items of the Contract.
- B. This Item shall include, but not be limited to, the cost for moving equipment in and out, performance and payment bonds, insurance, permits, utility connection cost, and other expenses associated with preparation for construction in accordance with the requirements of the Contract Documents.
- C. This Item is intended to be in accordance with the Supplemental Conditions SC 15.01 A.

1.02 WORK NOT INCLUDED

- A. Any work specifically included under other Bid Items.

1.03 DEFINITION OF ITEM

- A. Item 1 - Includes Mobilization and Demobilization.

1.04 MEASUREMENT

- A. The lump sum stated in the Bid shall be full compensation for all work required under Item 1.
- B. In accordance with Supplemental Conditions SC 15.01 A.

1.05 PAYMENT

- A. Payment shall be in accordance with Supplements Conditions SC 15.01 A. The Engineer may reduce the amount to be paid under Item 1 if the percentage requested is not represented by the actual amount performed.

ITEM 2

AUDIO-VIDEO RECORDING OF THE ZONE OF INFLUENCE

2.01 DESCRIPTION

- A. Under this Item, the Contractor shall produce and deliver to the Owner, color audio-video recordings of existing topography within the zone of influence along all sewer routes and audio-video recordings of designated buildings and dwellings as specified and directed.

2.02 DEFINITION OF ITEM

- A. Item 2 - Includes Audio-Video Recording of the Zone of Influence.

2.03 MEASUREMENT

- A. The quantities to be paid for under Item 2 shall be a lump sum for audio-video recording of the defined zone of influence along specified routes.

2.04 PAYMENT

- A. The unit price stated in the Bid for Item 2 shall be full compensation for all audio-video recording production.

ITEM 3

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

3.01 DESCRIPTION

- A. This Item shall include all work specified in the SWPPP including preparation of a Storm Water Pollution Prevention Plan, installation, maintenance, and removal of all Storm Water Pollution Prevention measures.
- B. The weekly inspection and reporting of all Storm Water Pollution Prevention measures shall be included under this Item.

3.02 DEFINITION OF ITEM

- A. Item 3 - Includes Storm Water Pollution Prevention Plan (SWPPP).

3.03 MEASUREMENT

- A. The quantities to be paid for under Item 3 shall be lump sum for all storm water pollution prevention measures.

3.04 PAYMENT

- A. The lump sum stated in the Bid shall be full compensation for all work required under Item 3.
- B. Payment shall be made in the amount of 20 percent of the lump sum Bid price for Item 3 for the first monthly estimate and 5 percent for each monthly estimate thereafter until the lump sum Bid amount for Item 3 has been paid.
- C. The Engineer may reduce the amount to be paid under Item 3 if the percentage requested is not represented by the actual amount performed.

ITEM 4

SANITARY LATERAL LOCATING

4.01 DESCRIPTION

- A. This Item includes field verification of the plan location and depth of each active sanitary lateral(s) from each building and/or residence to the existing main line sewer. Sanitary laterals may drain into private sewers in back lots. This work shall include additional effort such as, but not limited to, internal television inspection and/or passing a locating sensor through the sanitary lateral from the main line sewer to the building or

residence. This work shall be documented and marked in the field. This work shall be completed in advance of the sewer rehabilitations.

- B. A post-lateral locate meeting prior to the sewer rehabilitation is included with the Owner and Engineer.
- C. Under this Item, the Contractor shall furnish all materials, equipment, labor, supervision, and coordination as specified, shown on the Drawings, or otherwise required to complete the work for the Contract.
- D. This Item shall include the removal and disposal of debris generated by the cleaning, and root removal operations.
- E. Under this Item, the Contractor shall televise the existing lateral sewer from the main to the specified limits. The production of television records for lateral sewer inspections shall be included under this Item.

4.02 WORK NOT INCLUDED

- A. Pre-Construction video of existing sewers to be rehabilitated is included under other Items.
- B. Post CCTV inspection of sewers is included under other Items.

4.03 DEFINITION OF ITEM

- A. Item 4 - Includes Sanitary Lateral Locating.

4.04 MEASUREMENT

- A. The quantity to be paid for under the respective Item shall be for each sanitary lateral located from the main line sewer to each building and/or residence.

4.05 PAYMENT

- A. The unit price stated in the Bid for Item 4 shall be full compensation for each sanitary lateral located, complete as specified, so measured.

ITEMS 5A THROUGH 5M

SEWER PIPE

5.01 DESCRIPTION

- A. Under these Items, the Contractor shall furnish and perform all Work necessary for the installation of the sewer pipe as scheduled, shown on the Drawings and specified, in conformance with relevant sections of the Specifications.
- B. These Items shall include all Work to install the sewers, including but not limited to the following: excavation, hauling excess spoil material from Site, compaction; pipe bedding; pipe materials; fittings; trench maintenance and removal of temporary access to the Work area; and related Work such as performing material testing; deflection and infiltration tests.

- C. Connections of new sewers to new and existing manholes or new and existing sewers shall be included under these Items, unless specifically included under other Items.
- D. Sewer tap connection, for existing or new sewer pipe, to the new sewer shall be included under these Items.
- E. Maintaining existing sewers in operation and temporary flow stoppage, diversions and sewer flow by-pass connections shall be included under these Items.
- F. All Work required to dewater trenches is included under these Items.
- G. Temporary supporting existing utilities, locating of existing utilities, exploratory excavation and backfill required by the utility owner for existing utilities encountered during sewer construction is included under these Items.
- H. The removal of existing sewer manholes along the alignment of new sewers shall be included under these Items.
- I. Vertical pipe sections and riser pipes for 6-inch lateral sewers shall be included under these Items.
- J. No addition compensation shall be considered for sewers installed within 2 feet of the elevation shown on the Drawings.
- K. The placement, compaction and grading of fill required for backfilling drainage ways enclosed in pipes is included under these Items.
- L. The backfilling of excavated trenches is included in these items, including furnishing and placing of special backfill in areas specified under Section 02200. Backfill material for trenches shall be included under this item to the bottom of the pavement section (temporary or final) or to the bottom of topsoil in non-paved areas.
- M. Under these Items, the Contractor shall install new cleanouts.
- N. The construction of bedding and backfill for trench construction as scheduled, shown on the Drawings and specified herein is included in these Items. The proper compaction including testing to confirm acceptable construction shall be included in these Items.

5.02 WORK NOT INCLUDED

- A. Pavement removal and replacement within the Contract limits is included under other Items.
- B. Sewers installed to convey flow or maintain sewer operation on a temporary basis around or through the Work during construction will not be measured for payment.

5.03 DEFINITION OF ITEMS

- A. Item 5a - Includes 6-Inch House Leads, Both Sanitary and Storm Type B.
- B. Item 5b - Includes 6-Inch House Leads, Both Sanitary and Storm Type C.
- C. Item 5c - Includes 12-Inch Sanitary Sewer, All Depths Type B.
- D. Item 5d - Includes 12-Inch Storm Sewer, All Depths Type B.

- E. Item 5e - Includes 12-Inch Storm Sewer, All Depths Type C.
- F. Item 5f - Includes 15-Inch Storm Sewer, All Depths Type B.
- G. Item 5g - Includes 15-Inch Storm Sewer, All Depths Type C.
- H. Item 5h - Includes 18-Inch Storm Sewer, All Depths Type B.
- I. Item 5i - Includes 18-Inch Storm Sewer, All Depths Type C.
- J. Item 5j - Includes 21-Inch Storm Sewer, All Depths Type C.
- K. Item 5k - Includes 24-Inch Storm Sewer, All Depths Type B.
- L. Item 5l - Includes 4-Inch Underdrains.
- M. Item 5m - Includes Cleanouts.

5.04 MEASUREMENT

- A. The quantities to be paid under Items 5a through 5L shall be the horizontal length in linear feet of pipe measured parallel to the axis of the line along the surface of the ground, with no deduction for laying length of fittings for the specified sizes and trench detail. The depth of the pipe shall be the average depth below the original ground surface of the pipe along a section between manholes.
- B. Measurement will be to the center of existing and new manholes and the inside face of poured chambers. No deduction will be made for precast manholes on lines of the same size. Where branches or lines of different diameters enter such manholes, each will be measured to the center thereof.
- C. Vertical portions of sewers (cleanouts or risers) shall not be measured for payment.
- D. The quantities to be paid for Item 5m shall be full compensation for each cleanout installed.

5.05 PAYMENT

- A. The unit prices stated in the Bid for Items 5a through 5L shall be full compensation for each linear foot of pipe of the sizes furnished and installed as specified, so measured.
- B. The unit prices stated in the Bid for Item 5m shall be full compensation for each cleanout furnished and installed, so measured.

ITEMS 6A THROUGH 6D MANHOLES

6.01 DESCRIPTION

- A. Under these Items, the Contractor shall perform all work necessary for the removal, construction of new or replacement manholes and drops in locations and of types shown and scheduled, shown on the Drawings, and specified herein.
- B. These Items shall include all work to install the manholes, including but not limited to, the following: excavation; pavement removal; removal of existing manholes to install

new manholes; saw-cutting; concrete drive, curb, and walk removal; removal and hauling excess spoil material from project site; backfill; compaction; bedding; pipe materials; fittings; connections to new and existing sewers; construction, maintenance, and removal of temporary access to the work area; and related work such as performing material testing.

- C. The modification and connection of existing drop sewers to connect new sewers to existing manholes shall be included under these Items.
- D. The furnishing and placing of special backfill in areas specified under Section 02200 shall be included under these Items.
- E. Work beyond the specified pay limits for the pipe trench, but necessary for the placement of the manholes, shall be included under these Items. Such work shall include excavation of any material encountered, special backfill material, and pavement replacement.
- F. The temporary support of utilities as required to complete the work, shall be included under these Items.
- G. The construction of shafts as needed to complete the work shall be included under these Items.
- H. Under these Items, the Contractor shall provide all labor, equipment, and materials to install Type III, Manhole 4-2, including the 18-inch heavy-duty flap gate, as shown on the Drawings.
- I. Under these Items, the Contractor shall provide all labor, equipment, and materials required to adjust manholes to grade. This work shall include manhole frame and cover replacement, chimney seals, and adjustment rings as shown and scheduled on the Drawings.

6.02 WORK NOT INCLUDED

- A. Replacement of existing manholes or catch basins removed or damaged for Contractor convenience of construction and which were not planned to be removed shall be done at the Contractor's expense.
- B. Pipe connections to manholes shall be included under other Items.
- C. Manholes damaged as a result of the Contractor's operations shall be replaced at the Contractor's expense.

6.03 DEFINITION OF ITEMS

- A. Item 6a - Includes Type I Manholes.
- B. Item 6b - Includes Type II Manholes.
- C. Item 6c - Includes Type III Manhole 4-2.
- D. Item 6d - Includes Casting Adjusted to Grade.

6.04 MEASUREMENT

- A. The quantities to be paid for under Items 6a through 6c shall be the measured height of manholes, as built, measured from the invert of the deepest pipe to the top of the manhole casting to which 1 foot will be added for the base.
- B. The quantities to be paid for under Item 6d shall be for each casting adjusted to grade, as shown on the Drawings.

6.05 PAYMENT

- A. The unit price stated in the Bid for Items 6a through 6c shall be full compensation for each vertical foot of manhole and drop connection complete as specified, so measured.
- B. The unit price stated in the Bid for Item 6d shall be full compensation for each casting adjusted to grade, complete as specified, so measured.

ITEMS 7A AND 7B

CATCH BASINS

7.01 DESCRIPTION

- A. Under these Items, the Contractor shall perform all work necessary for the removal, construction of new or replacement of catch basins and abandonment of catch basins as scheduled, shown on the Drawings, and specified herein.
- B. These Items shall include all work to install the catch basins, including but not limited to the following: excavation; removal of existing catch basins to install new catch basins, catch basin abandonment; removal and hauling excess spoil material from project site; backfill; compaction; bedding; pipe materials; fittings; connections to new and existing sewers; construction, maintenance and removal of temporary access to the work area; and related work such as performing material testing.
- C. These Items include the catch basin lead and connection to existing sewer for new catch basins.
- D. All work required to dewater trenches shall be included under these Items.
- E. Temporary supporting existing utilities, locating of existing utilities, exploratory excavation and backfill required by the utility owner for existing utilities encountered during construction shall be included under these Items.
- F. These Items include performing all work necessary, including but not limited to, the materials and labor to reconnect leads to catch basins designated to be removed and replaced.
- G. The furnishing and placing of special backfill specified under Section 02200 shall be included under these Items.

7.02 WORK NOT INCLUDED

- A. Pavement replacement within the Contract Limits is included under other Items.

7.03 DEFINITION OF ITEMS

- A. Item 7a - Includes Flat Grate Catch Basin.
- B. Item 7b - Includes Curb Inlet Catch Basin.

7.04 MEASUREMENT

- A. The quantities to be paid under Items 7a and 7b shall be the measured quantity of each catch basin removed and replaced, or abandoned, furnished and installed in accordance with the Specifications and Drawings.

7.05 PAYMENT

- A. The unit prices stated in the Bid for Items 7a and 7b shall be full compensation for each catch basin removed and replaced or abandoned, furnished, and installed in accordance with the Specifications and Drawings and so measured.

ITEM 8

EXCAVATION AND BACKFILL OF UNSUITABLE MATERIAL

8.01 DESCRIPTION

- A. Under this Item, the Contractor shall over excavate and dispose of any material that the Engineer determines to be unsuitable.
- B. Only the removal of unsuitable material below the elevation of the planned work is included and will be paid for under this Item.
- C. Disposal of excavated unsuitable material is included under this Item.
- D. Backfill of over excavated area with Special Backfill is included under this Item.

8.02 WORK NOT INCLUDED

- A. Trench and structural excavation and backfill, within the limits required to construct the work shown on the Drawings.
- B. Removal of sidewalks, pavement, and aggregate base of surface courses, where required, for sewer installation.
- C. Removal of unsuitable material due to excess moisture, whether a result of Contractor's work, rain/snow events, or naturally occurring in material, shall not be included unless independent laboratory, Owner, and Engineer authorize the removal of material.

8.03 DEFINITION OF ITEM

- A. Item 8 - Includes Excavation and Backfill of Unsuitable Material.

8.04 MEASUREMENT

- A. The estimated quantity provided for this item is a contingency.
- B. The quantity to be paid for under Item 8 will be the measured volume of material in the original position. Excavated and backfilled material shall be measured by using average-end areas or using topographic surveying methods, if so directed by the Engineer.

8.05 PAYMENT

- A. The unit price stated in the Bid for Item 8 shall be full compensation for each cubic yard of unsuitable material excavated, backfilled, and disposed of as specified, so measured.

ITEMS 9A AND 9B

WATER SERVICE AND WATER MAIN RELOCATIONS

9.01 DESCRIPTION

- A. Under these Items, the Contractor shall furnish and perform all work necessary to relocate water lines and water services due to direct elevation conflicts, with new sewer as directed by the Engineer, scheduled, shown on the Drawings, and specified herein.
- B. These Items shall include all work to install the water lines, including but not limited to the following: excavation;; backfill; special backfill material; compaction; bedding; pipe materials; fittings; maintenance of trenches; temporary pavement; connections to existing water mains; and related work and materials such as blow offs to perform disinfection, flushing, performing pressure, and bacteriological tests as shown on the Drawings and in conformance with relevant Sections of the Specifications.
- C. All work required to connect to existing water services to the relocated water main shall be included under these Items.
- D. Maintaining existing water services in operation and making connections to new water mains shall be included under these Items.
- E. Work required to dewater trenches shall be included under these Items.
- F. This Item shall also include work necessary to construct and maintain traffic control.

9.02 WORK NOT INCLUDED

- A. Water lines or services cut for Contractor's convenience.

9.03 DEFINITION OF ITEMS

- A. Item 9a - Includes Water Service Relocation, 2-Inch Diameter or Smaller.
- B. Item 9b - Includes Water Main Relocation, Greater Than 2-Inch Diameter.

9.04 PAYMENT

- A. The unit prices stated in the Bid for Items 9a and 9b shall be full compensation for each water service or water main relocated in accordance with the Specifications and Drawings.

- B. For Item 9a, the Contractor shall assume 5 relocations each at 10 linear feet each for purposes of Bid.
- C. For Item 9b, the Contractor shall assume ~~5~~ **2 (Addendum 1, September 2019)** relocations each at 10 linear feet each for purposes of Bid.

ITEM 10

SANITARY LATERAL RELOCATIONS

10.01 DESCRIPTION

- A. Under this Item, the Contractor shall furnish and perform all work necessary to relocate sanitary laterals due to direct elevation conflicts, with new sewer as directed by the Engineer, scheduled, shown on the Drawings, and specified herein.
- B. This Item shall include all work to relocate the sanitary lateral, including but not limited to the following: excavation; backfill; special backfill material; compaction; bedding; pipe materials; fittings; temporary pavement; ~~and related work such as performing pressure tests and disinfection tests~~ material testing. **(Addendum 1, September 2019)**
- C. All work required to connect to existing sanitary lateral to the existing sanitary lateral shall be included under this Item.
- D. Maintaining existing sanitary lateral in operation and making connections to sanitary laterals is included under this Item.
- E. Work required to dewater trenches shall be included under this Item.
- F. This Item shall also include work necessary to construct and maintain traffic control.

10.02 WORK NOT INCLUDED

- A. Repairing sanitary service laterals which were damaged and not planned to be replaced by Contractor as a result of the Contractor's means and methods of construction, will be at the Contractor's expense. Temporary reconnection of sanitary service lateral will be at Contractor's expense.
- B. ~~Sanitary or storm sewer laterals specifically called out on the drawings to be relocated shall be included for payment under items 5a or 5b.~~ **(Addendum 1, September 2019)**

10.03 DEFINITION OF ITEM

- A. Item 10 - Includes Sanitary Lateral Relocations.

10.04 PAYMENT

- A. The unit prices stated in the Bid for Item 10 shall be full compensation for each sanitary lateral relocated in accordance with the Specifications and Drawings.
- B. The Contractor shall assume 5 relocations at 20 linear feet each for purposes of Bid.

ITEM 11A AND 11B
SEWER AND MANHOLE ABANDONMENT

11.01 DESCRIPTION

- A. Under these Items, the Contractor shall abandon existing manholes, force mains, catch basin, and sewers where specified, shown on the drawings and in accordance with the relevant sections of the Specifications.
- B. The excavation and backfill necessary to expose and access the existing sewer for the abandonment shall be included under these Items.
- C. All pipe fittings, materials and accessories required to abandon the existing sewers shall be included under these Items.
- D. Restoration of landscape surface improvements including seeding, mulching, and fertilizing all disturbed lawn areas shall be included under these Items.
- E. The delivery of salvaged materials and equipment, including but not limited to, manhole castings on abandoned sewers to the Owner's designated location shall be included under these Items.
- F. Sewer plugs required to abandon sewers shall be included under these Items.

11.02 WORK NOT INCLUDED

- A. Sewers which are removed shall be paid for under other Items.
- B. The furnishing and placing of special backfill in areas specified under Section 02200, is included under other Items.

11.03 DEFINITION OF ITEMS

- A. Item 11a - Includes Sewer Abandonment.
- B. Item 11b - Includes Regulator Manhole Abandonment.

11.04 MEASUREMENT

- A. The quantities to be paid for under Item 11a shall be the measured horizontal length, at the ground surface, of the specified sizes and abandoned in conformance with the specifications and drawings, except, as directed by the Engineer. No deduction will be made for any structures in the abandoned line or sections removed to gain access to perform abandonment.
- B. Sewers installed to bypass sewage during construction that are abandoned in place, will not be measured for payment.
- C. The quantities to be paid for under 11b shall be for each manhole abandoned in accordance with the Specifications and Drawings.

11.05 PAYMENT

- A. The unit price stated in the Bid for Item 11a and shall be full compensation for each lineal foot of existing sewer pipe of the sizes stated abandoned as specified, so measured.
- B. The unit price stated in the Bid for Item 11b shall be full compensation for each manhole abandoned in accordance with the Specifications and Drawings.

ITEM 12

CONCRETE CURBS

12.01 DESCRIPTION

- A. Under this Item, the Contractor shall furnish and construct concrete curbs and gutters, curbs, sidewalk pedestrian ramps, and concrete sidewalks to replace those damaged by construction and additional areas as scheduled, shown on the Drawings, and specified herein.

12.02 WORK NOT INCLUDED

- A. Curb, gutters, and sidewalks damaged or destroyed beyond the specified limits shall be replaced at the Contractor's expense.
- B. The removal of curbs is included under other items

12.03 DEFINITION OF ITEM

- A. Item 12 - Includes Type 2 Concrete Curb and Gutter.

12.04 MEASUREMENT

- A. The quantities to be paid under Item 12 shall be the length measured along the front of the curb or curb and gutter replaced as ordered. Where the pipeline crosses the curb, the pay limits shall be 5-feet plus the nominal diameter of the pipe.

12.05 PAYMENT

- A. The unit prices stated in the Bid for Item 12 shall be full compensation for each linear foot of concrete curb and gutter, so measured, as specified and required.

ITEMS 13A THROUGH 13D

CURED-IN-PLACE PIPE REHABILITATION

13.01 DESCRIPTION

- A. Under these Items, the Contractor shall furnish and perform all Work necessary for the installation of all Cured-in-Place Pipe (CIPP) as specified in conformance with relevant Sections of the Specifications.
- B. These Items shall include all Work to install the CIPP, including but not limited to the following: CIPP materials, fittings, connections to existing sewers, removal of protrusions; reinstatement of laterals; removal of manhole casting; and related Work such as sewer

cleaning, acceptance testing, testing for infiltration and Pre-video inspections of the sewers.

- C. Connections of new CIPP to existing or new manholes shall be paid for under these Items.
- D. Tap connection for existing or new sewer pipe and to re-establish existing service connections to the new CIPP sewer shall be paid for under these Items.
- E. Maintaining existing sewers in operation and bypass pumping operation and making connections to new CIPP is included under these Items.
- F. Public Notification and Traffic Control are included under these Items.

13.02 WORK NOT INCLUDED

- A. Pavement, curb, walks, damaged, or destroyed shall be replaced at the Contractor's expense.

13.03 DEFINITION OF ITEMS

- A. Item 13a - Includes 12-Inch Cured-in-Place Pipe.
- B. Item 13b - Includes 18-Inch Cured-in-Place Pipe.
- C. Item 13c - Includes 21-Inch Cured-in-Place Pipe.
- D. Item 13d - Includes Lateral Service Reinstated.

13.04 MEASUREMENT

- A. The quantities to be paid for under the Items 13a through 13c shall be the measured length of sewers of the specified sizes.
- B. Payment will be to the center of existing and new manholes and the inside face of poured chambers. No deduction will be made for precast manholes on lines of the same size. Where branches or lines of different diameters enter such manholes, each will be measured to the center thereof.
- C. Sewers installed to bypass sewage during construction will not be measured for payment.
- D. No pipe will be included in these measurements if specifically included for payment under other Items.
- E. The quantities to be paid for under the Item 13d shall be measured as each lateral service reinstated.

13.05 PAYMENT

- A. The unit prices stated in the bid for Items 13a through 13c shall be full compensation for each linear foot of pipe of the rehabilitated as specified, so measured.
- B. The unit prices stated in the Bid for Item 13d shall be full compensation for each lateral service reinstated, so measured.

ITEMS 14A THROUGH 14J
PAVEMENT REPLACEMENT

14.01 DESCRIPTION

- A. Under these Items, the Contractor shall construct new roadway and pavements as shown and specified.
- B. Under these Items, the Contractor shall remove existing material including flexible or rigid pavement, roadway base material, curbs, gutters or subgrade material as necessary down to the top of the subgrade. The disposal of removed materials shall be included under these Items.
- C. The preparation of the subgrade material prior to the placement of roadway base is included in these Items.
- D. The construction of pavement base and flexible and rigid pavement courses as scheduled, shown on the Drawings and specified herein are included in these items. The proper compaction including testing to confirm acceptable construction shall be included in these Items.
- E. Bonding coats such as prime and tack coats shall be included under these Items.
- F. Pavement markings are not necessarily shown on the Drawing but the replacement of such shall be included under these Items.

14.02 WORK NOT INCLUDED

- A. Pavement replacement required beyond specified pay limits for construction of manholes and chambers is included for payment under other Items.
- B. Pavement and curb and gutters damaged or destroyed beyond specified pay limits shall be replaced at the Contractor's expense.

14.03 DEFINITION OF ITEMS

- A. Item 14a - Includes ODOT Item 254 Pavement Planing - Parkside Drive.
- B. Item 14b - Includes ODOT Item 202 Driveway Removed.
- C. Item 14c - Includes ODOT Item 203 Roadway Excavation.
- D. Item 14d - Includes ODOT Item 204 Subgrade Compaction.
- E. Item 14e - Includes ODOT Item 301 Asphalt Concrete Base.
- F. Item 14f - Includes ODOT Item 304 Aggregate Base.
- G. Item 14g - Includes ODOT Item 407 Tack Coat.
- H. Item 14h - Includes ODOT Item 441 Asphalt Concrete Leveling Course Type I (448) – Parkside Drive.
- I. Item 14i - Includes ODOT Item 441 Asphalt Concrete Intermediate Course Type II (448)
- J. Item 14j - Includes ODOT Item 441 Asphalt Concrete Surface Course Type I (448).

- K. Item 14k - Includes ODOT Item 452, 6-Inch Concrete Driveway.

14.04 MEASUREMENT

- A. Quantities to be paid for under these Items shall be the actual quantity constructed, measured in place within the limits as defined below, and scheduled on the Drawings, unless otherwise authorized by the Engineer; in which case, measurement will be made to the authorized limits. When uniform courses are specified, the volume to be paid for shall not exceed the quantity calculated from plan lines and dimensions. Bituminous materials will be measured in gallons at 60 degrees F applied at the specified rates and within the pay limits.
- B. Pay Limits:
1. Depth - As specified, scheduled, or directed by the Engineer. To differentiate from special backfill material, Aggregate Base under Item 14a shall only be measured for the thickness shown on the Drawings or directed by the Engineer.
 2. Length - The actual length measured.
 3. Width:
 - a. Except as otherwise scheduled on the Drawings, the width of replacement over pipe trenches shall not exceed the nominal diameter of the pipe plus 2-1/2 feet on each side for trench depths of 16 feet and less; and 4 feet on each side for trench depths greater than 16 feet. No additional width will be allowed for precast manholes or manhole chamber construction.
- C. Trench depth as used herein shall mean the distance from the original surface of the pavement to the invert grade of the main line pipe.

14.05 PAYMENT

- A. The unit prices stated in the Bid for Items 14a shall be full compensation for each square yard of asphalt planed within the prescribed limits as specified, so measured.
- B. The unit prices stated in the Bid for Items 14b and 14k shall be full compensation for each square foot of pavement removed or placed within the prescribed limits as specified, so measured.
- C. The unit prices stated in the Bid for Items 14c, 14e and 14f, and 14h through 14j shall be full compensation for each cubic yard of material removed, excavated or placed within the prescribed limits as specified, so measured.
- D. The unit price stated in the Bid for Item 14d full compensation for each square yard of compaction within the prescribed limits as specified, so measured.
- E. The unit price stated in the Bid for Item 14g shall be full compensation for each gallon of tack coat applied within the prescribed limits as specified, so measured.

ITEM 15

POST CONSTRUCTION - CCTV INSPECTION OF INSTALLED SEWERS

15.01 DESCRIPTION

- A. Under this Item, the Contractor shall perform closed circuit television inspection of new sewers 8-inches and larger, installed as part of the work, as specified.
- B. Cleaning of the sewers prior to the CCTV inspection shall be included under this Item.
- C. The preparation and submittal of video records and submission to the Owner and Engineer shall be included under this Item.

15.02 WORK NOT INCLUDED

None.

15.03 DEFINITION OF ITEM

- A. Item 15 - Includes Post Construction CCTV Inspection of Installed Sewers (8-Inch and Larger).

15.04 MEASUREMENT

- A. The quantities to be paid for under Item 15 shall be the horizontal length of sewer inspected as measured, parallel to the axis of the sewer line along the surface of the ground from the center of manholes. No deduction shall be made for manholes along the length of the sewer inspected.

15.05 PAYMENT

- A. The unit price stated in the Bid for Item 15 shall be full compensation for each linear foot inspected, as specified, so measured.

ITEM 16

TOPSOIL, SEEDING, AND MULCHING

16.01 DESCRIPTION

- A. This Item shall include all work specified to prepare and place the topsoil and placing of sod or seed and mulch to permanently stabilize disturbed areas as shown on the Drawings and specified in conformance with relevant sections of the Specifications.
- B. Restoration of landscape surface improvements including seeding, mulching, and fertilizing all disturbed lawn areas shall be included under this Item, unless specifically included under other Items.

16.02 DEFINITION OF ITEM

- A. Item 16 - Includes Topsoil, Seeding, and Mulching.

16.03 MEASUREMENT

- A. The quantities to be paid for under Item 16 shall be for each square yard of seeding and mulching, so measured, as specified and required.

16.04 PAYMENT

- A. The unit price stated in the Bid for Item 16 shall be full compensation for each square yard of seeding and mulching, so measured, as specified and required.

END OF SECTION

SECTION 01320
ELECTRONIC PROJECT MANAGEMENT SYSTEM (EPMS)

PART 1 GENERAL

1.01 SCOPE

- A. This Section describes the requirements for the Electronic Project Management System (EPMS) which will be required on this project.
- B. The Engineer will be responsible for setting up and paying for the cost of the EPMS.
 - 1. The EPMS shall be provided through eCommunication by Eastern Engineering, 866-884-4115; www.easternengineering.com. **(Addendum 1, September 2019)**
- C. Engineer will implement an internet/web site based Electronic Project Management System (EPMS) for the administration of the Contract on this project. Owner, Contractors and Engineer shall be responsible to interface with EPMS and collaborating via the EPMS on this project. The EPMS is intended to supplement the Contract Documents and the provisions of the Contract Documents shall not be superseded by the EPMS.
 - 1. The EPMS is intended to provide a mode of communication which is electronic and to reduce the reliance upon printed documents. Printed documents transmitted will not be reviewed, and electronic documents emailed outside of the EPMS will not be reviewed. The Owner, Contractor and Engineer will collaborate on unique situations or circumstances in order to preserve the project electronic records.
- D. The Owner, Contractor and Engineer shall be required to provide project related information/documents via EPMS. In general, the EPMS will receive information via uploaded documents as PDF documents, in their native format (when permitted or required), or other electronic formats designated or required for functionality. The EPMS shall be a central repository for information to all project team members. The EPMS will provide viewing, printing, up/down loading of various information/documents.
- E. In general, the following is a partial list of information/documents which shall be tracked through the EPMS:
 - 1. Drawings, Specifications and Addendums (included revisions as necessary).
 - 2. Insurance.
 - 3. General Project Communication, Emails, Letters, Correspondence and Collaboration or any other document any participant wishes to make part of the project records.
 - 4. Request for Information (RFI).

5. Submittals (Shop Drawings, Operation and maintenance manuals, color selections etc.)
 6. Work Change Directives, Change Request and Change Orders.
 7. Schedule of Values, Pay Requests and Certified Payroll Reports.
 8. Reports and Photos (daily, monthly, etc.).
 9. Schedules (project, weekly and monthly).
 10. Meeting Agendas and Minutes.
 11. Permits and Special Inspections Reports.
 12. Laboratory Services (testing and reporting).
 13. Closeout procedures (deficiency list, warranty, substantial completion).
 14. Record Drawings.
- F. In an effort to protect proprietary information and prohibit unauthorized use or modifications, levels of access security will be assigned in order to provide safe and secure access to information with respects to involvement and responsibility on the project. The Owner, Contractor and Engineer shall establish these levels of access and rights which are appropriate for this project.
- G. Owner, Contractor and Engineer shall utilize the mark-up tool integral within the EMPS or have a PDF review software that includes the ability to mark up and apply electronic stamps (such as Adobe Acrobat, or Bluebeam PDF Revu).
- H. A high-speed internet connection is required.
- I. The EPMS will provide notifications regarding new or updated documents through an existing Email account outside of the EPMS.

PART 2 PRODUCTS

Not used.

PART 3 EXECUTION

3.01 CONTRACT REQUIREMENTS

- A. All provisions of the Contract Documents are in full effect and enforcement. The submittal procedures specified in the Contract Documents are applicable with the understanding that they will be electronic documents and submitted via the EPMS.

3.02 PRINTING, REPRODUCTION AND DISTRIBUTION

- A. The Engineer will not be responsible for printing reproduction or preparation of any hard copy documents, or the cost of doing so.

- B. Contractor shall produce printed copies of all submittals as required in Section 01300 and in the Contract Documents.

3.03 TRAINING

- A. One training session by the Engineer and Eastern Engineering, Inc. will be provided to the team members at the beginning of the EPMS implementation. Training will be coordinated with the Preconstruction meeting and held at the same location. There are many tutorials, help features and technical support options located on the Eastern Engineering web site.
- B. Engineer will provide project related support as needed within their ability to provide it. Technical support will be available to all project team members from Eastern Engineering, Inc.

3.04 OPERATION

- A. Contractor and all Subcontractors shall maintain a Windows-based computer system including high speed internet access and ability to create/mark-up documents using Adobe Acrobat (pdf) and to scan documents.
- B. Engineer will facilitate the implementation and overall operation of the EPMS with Eastern Engineering. Eastern Engineering will provide and maintain the EPMS server and will back up the information.

3.05 ARCHIVE PROJECT CLOSE OUT

- A. All files on the EPMS web site will be archived at the end of the project. These archives will be made available to the Owner, Contractors and Engineer for download over the internet, at the end of the warranty period.

3.06 ELECTRONIC SUBMITTAL FILE NAMING CONVENTION

- A. The Contractor shall utilize the following file name convention for PDF files submitted through eComm:
 - 1. Spec Section - Number of Submittal from Section - Number of Times Submitted.
 - a. Example: 02552-01-03.
 - 2. The example represents the first submittal from Specification Section 02552 and the third time this Submittal has been submitted.

PART 4 SPECIAL PROVISIONS

Not used.

END OF SECTION

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**SECTION 02600
PAVEMENTS, CURBING AND WALKS**

PART 1 GENERAL

1.01 SCOPE

- A. This Section includes the construction of sidewalks, curbing pavements, and berms of various designated types as shown or scheduled on the Drawings, specified or directed.
- B. This Section includes preparation of the base and subgrade construction of walks, curbs, pavements and base courses, adjustment of manhole castings, and valve boxes to conform to new pavement courses, and other work and materials incidental to the construction of pavements, curbing and walks.
- C. Existing curbs and walks of stone or concrete shall be replaced using concrete.
- D. This Section includes temporary and restoration of permanent pavement markings as they exist at the time of bidding unless otherwise shown on the Drawings, specified or directed.

1.02 OWNER'S STANDARDS AND SPECIFICATIONS

- A. Sidewalks, curbs, driveways, parking areas, and street pavement and berms disturbed by construction shall be restored in accordance with the Owner's present standards and specifications.

1.03 SUBMITTALS

- A. Submittals shall be in accordance with the requirements of Section 01300 and shall include:
 - 1. Shop Drawings for Review:
 - a. Manufacturers' and suppliers' material certificates.
 - b. A sieve analysis (ASTM C136) shall be furnished for each material source.
 - 2. Information for the Record:
 - a. Delivery tickets from the asphalt and aggregate suppliers shall be given to the inspector at the unloading site. Tickets shall include (as a minimum) name of source, date, type of material, and weight.
 - b. Test results and certificates.

PART 2 PRODUCTS

2.01 AGGREGATE BASE AND SURFACE

- A. The aggregate shall meet the requirements of ODOT Item 304 and Item 411, respectively.

2.02 CHIP SEAL

- A. Chip seal with polymer binder shall meet the requirements of ODOT Item 422.
- B. The polymer emulsified binder shall meet the requirements of ODOT Item 702.16, Type A.
- C. The aggregate shall meet the requirements of ODOT Item 703.05 (ODOT 422.02 gradation).

2.03 TACK COAT

- A. The tack coat shall meet the requirements of ODOT Item 407.
- B. The tack coat material shall be RS-1 or SS-1, SH-1h, or CSS-1h, and shall meet the requirements of ODOT Item 702.04.

2.04 PRIME COAT

- A. The prime coat shall meet the requirements of ODOT Item 408.
- B. The prime coat material shall be MC-30 or MC-70 and shall meet the requirements of ODOT Item 702.02.

2.05 ASPHALT CONCRETE BASE, LEVELING AND SURFACE COURSES

- A. Bituminous Material - The asphalt cement shall meet the specified performance grade (design temperature) and shall meet the requirements of ODOT Item 702.01.
- B. Aggregate - The aggregate shall meet the requirements of ODOT Items 301.02 and 703.04 for asphalt concrete base and ODOT Item 703.05 for asphalt concrete.
- C. Design Mix - All bituminous mixes shall meet the requirements of ODOT Item 401.
 - 1. Bituminous aggregate base mix shall meet the requirements of ODOT Item 301.
 - 2. Asphalt concrete mix for leveling course shall meet the requirements of ODOT Item 448.
 - 3. Asphalt concrete mix for surface course and overlays shall meet the requirements of ODOT Item 448.

2.06 CONCRETE (CAST-IN-PLACE)

- A. All concrete used for pavement, curbing, driveways, and sidewalk shall be as specified in ODOT Item 499 and 451 or 452; ODOT Item 499 allows using QC-MS and QC-FS.
- B. Reinforcing steel and dowel bars shall be as specified in ODOT Items 709.09, 709.10, 709.12, and 709.13.
- C. Other materials required for placing concrete shall be as follows:
 - 1. Rubber-Asphalt Joint Sealer:
 - a. Hot Applied Sealer - ODOT Item 705.04.
 - 2. Preformed Elastic Joint Sealer - ODOT Item 705.11.
 - 3. Preformed Filler - ODOT Item 705.03:
 - a. Fiber Filler - ASTM D1751 (AASHTO M213).
 - b. Sponge Filler - ASTM D1752, Type I (AASHTO M153, Type I).
 - 4. Curing Materials:
 - a. Burlap Cloth - ODOT Item 705.5 (AASHTO M182, Class 2).
 - b. Sheet Materials - ODOT Item 705.06.
 - c. Transparent Membrane - ODOT Item 705.07 (ASTM C309 Type I Class B).
 - d. White Membrane - ASTM C309 Type II Class B as modified by ODOT Item 705.07.

2.07 PAVEMENT MARKING

- A. Contractor shall provide temporary and permanent pavement markings equal to those markings that existed on the paved surfaces prior to commencement of the Work unless otherwise shown on the Drawings, specified in Part 4, or directed.
- B. Pavement markings shall be in accordance with the requirements of ODOT Section 640.
- C. Pavement markings shall match existing or adjoining pavement markings, unless noted otherwise.
- D. Pavement markings partially disturbed by construction shall be replaced entirely.
- E. New pavement markings
 - 1. A solid double yellow centerline stripe shall be installed on the new pavement on Brookside from Hallett Avenue to Crestwood. (Addendum 1, September 2019)

PART 3 EXECUTION

3.01 COORDINATION

- A. All soil subgrade under pavements, driveways, curbs, curb and gutter, and walks shall be compacted in accordance with Section 02200.
- B. All service boxes, manholes, inlets and other structures shall be adjusted or reconstructed to the required grades in both new and resurfacing pavement areas.

3.02 PAVEMENT INSTALLATION

- A. All construction shall be in conformance with applicable portions of ODOT Specifications, except as otherwise specified or called for herein.
- B. Unless otherwise directed by Engineer all aggregate bases which are to receive bituminous courses shall be primed as specified.
- C. A tack coat at a rate as specified shall be applied to all existing pavements which are to be overlaid, and between subsequent courses when directed by the Engineer.

3.03 TRANSITION JOINTS FOR BITUMINOUS CONCRETE PAVEMENT OVERLAY

- A. Types of Transition Joints:
 - 1. Transition joints shall be either butt type or feathered type as directed by the Engineer.
 - 2. Butt joints shall be used on State and Federal roads and main thoroughfares and feathered joints used elsewhere unless otherwise specified.
 - 3. Butt Joints:
 - a. When a butt joint is called for on the Drawings or specified, the old surface shall be cut back for at least 3 feet to a depth of at least 1 inch for the full width of the joint and pavement installed.
 - b. A bituminous seal shall be placed on the finished surface at the junction of the new and old pavements.
 - 4. Feathered Joint:
 - a. Feathered joints shall be constructed by manually raking the paving material to a smooth transition from the full depth material to the existing pavement surface.
 - b. Existing pavement surface shall be bond-coated to include the transition area.
 - c. Feathering shall be done by a workman skilled in the operation and shall be approved by the Resident Project Representative.

3.04 CURBING

- A. Curbing shall be constructed in conformance with applicable portions of ODOT Item 609 and the ODOT Standard Construction Drawings.
- B. Place 1-inch dowelled expansion joints at inlets and at spring lines of street and driveway returns. If intersecting streets and driveways are more than 300-feet apart, place expansion joints at 300-foot intervals.
- C. Contraction joints shall be placed at approximately 10-foot intervals.

3.05 CONCRETE SIDEWALK

- A. Sidewalk shall be constructed in conformance with applicable portions of ODOT Item 608.
- B. Unless otherwise indicated on the Drawings, concrete sidewalks shall be a minimum of 4-feet-0-inch wide and 4-inch thickness of concrete. Concrete walk removed and replaced shall be equal to the section removed.
- C. The surface of the walks shall be divided into equally spaced blocks at approximately 5-foot intervals. Expansion joint filler 1/2-inch thick shall be installed between the walk and any fixed structure, at all changes in direction or shape and at intervals of 20-feet maximum. The expansion joint filler shall be 1-inch thick where the walk is installed against the back of curb. The filler shall be recessed 1/2-inch from top of finished surface.
- D. Surface of new sidewalks shall be broomed to slightly roughen surface. On sections of sidewalk to be replaced, the surface texture shall match the adjoining.

3.06 CONCRETE DRIVEWAYS

- A. Concrete driveways shall be constructed in conformance with applicable portions of ODOT Item 452.
- B. Dowelled contraction joints shall be placed at a maximum spacing of 20-feet. Lesser spacing shall be used on irregular areas as directed by the Engineer.
- C. Expansion joint filler 1/2-inch thick shall be installed at intervals of 24-feet maximum. One-inch expansion joint filler shall be installed between the driveway and any fixed structure.

3.07 BITUMINOUS AND AGGREGATE DRIVEWAYS

- A. Bituminous driveways and parking lots shall be constructed as shown on the Drawings and indicated in Part 4 using materials specified for asphalt concrete pavements. Placement shall be in accordance with ODOT Item 401.
- B. Aggregate driveways and parking lots shall be constructed as shown on the Drawings using base aggregate meeting the requirements of ODOT Item 411.

- C. Replacement of bituminous or aggregate driveways and parking lots shall conform to Section 01565 and this Section but in no case, be inferior to that being replaced.

3.08 RESERVED

3.09 INSPECTION

- A. Laboratory services shall be in accordance with the requirements of Section 01410 and shall include:
 - 1. A compaction test on the subgrade, aggregate base, and each layer of asphalt shall be performed for every 300 square yards of material placed.
 - 2. Asphalt Concrete:
 - a. Plant Certification - The laboratory shall certify or furnish recent certification (within one year) from 2019 that the plant meets State requirements.
 - b. Plant Inspection - For the first day of production and for every day when more than 100 cubic yards of material is being delivered to the project, the laboratory shall provide a representative at the plant who will inspect the plant, make mix design adjustments, check the temperature, and take the required samples.
 - c. Quality Control Testing - A sample of the mix shall be taken for each 200-cubic yard of bituminous material or fraction thereof delivered to the project. An extraction test AASHTO T164-70 and a mechanical analysis AASHTO T30-70 shall be performed on the mix samples.
 - 3. Cast-in-Place Concrete:
 - a. Concrete shall be tested in accordance with Section 03305, Cast-in-Place Concrete.

3.10 PROTECTION

- A. No heavy construction vehicle shall operate on any pavement, curbing or walk after it has been installed.
- B. Traffic shall be prohibited on newly installed asphalt pavement until it has cooled sufficiently to avoid marking.
- C. Asphalt Pavements:
 - 1. Bituminous mixtures shall be transported and placed in accordance with ODOT Item 401.
- D. Concrete Pavements, Curbing and Walks:

1. Concrete shall be mixed, transported, placed, and finished in accordance with the temperature and environmental requirements of ODOT Items 451 or 452 depending on the pavement type being placed
2. No concrete shall be mixed, transported, placed, or finished when the temperature of the base, subgrade, or air is below 40 degrees F or whenever, in the opinion of the Engineer, the temperature may fall below 40 degrees F within 24 hours after the concrete has been placed.
3. The Contractor shall take such precautions as are necessary to protect the concrete from rain.
4. The Contractor shall protect the concrete from freezing for no less than seven days or until such time that specimen beams have attained a modulus of rupture of at least 600 psi.

PART 4 SPECIAL PROVISIONS

Not used.

END OF SECTION

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ITEM No.	Plan Quantity	Contingency Quantity	Grand Total	Unit	Description	C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11	C-12	C-13	C-14	C-16	C-17	C-18	C-19	C-20	C-21	C-22	C-23
1	1	0	1	LS	Mobilization and Demobilization	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	1	LS	Audio-Video Recording of the Zone of Influence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	1	LS	Storm Water Pollution Prevention Plan (SWPPP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	13	5	18	EA	Sanitary Lateral Locating	3	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5a	259	25	284	LF	6-Inch House Leads, Both Sanitary and Storm, Type B	0	0	12	0	0	0	127	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5b	30	25	55	LF	6-Inch House Leads, Both Sanitary and Storm, Type C	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5c	937	50	987	LF	12-Inch Sanitary Sewer, All Depths, Type B	0	0	0	0	0	0	15	530	392	0	0	0	0	0	0	0	0	0	0	0	0	0
5d	325	50	375	LF	12-Inch Storm Sewer, All Depths, Type B	0	30	0	0	277	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5e	78	25	103	LF	12-Inch Storm Sewer, All Depths, Type C	0	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5f	348	25	373	LF	15-Inch Storm Sewer, All Depths, Type B	0	0	0	27	291	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5g	14	10	24	LF	15-Inch Storm Sewer, All Depths, Type C	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5h	474	15	489	LF	18-Inch Storm Sewer, All Depths, Type B	0	0	46	54	0	374	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5i	46	5	51	LF	18-Inch Storm Sewer, All Depths, Type C	0	0	29	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5j	20	6	26	LF	21-Inch Storm Sewer, All Depths, Type C	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5k	15	5	20	LF	24-Inch Storm Sewer, All Depths, Type B	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0
5l	2954	50	3004	LF	4-Inch Underdrains	0	0	0	0	0	0	0	0	0	0	0	675	1184	1095	0	0	0	0	0	0	0	0
5m	16	0	16	EA	Cleanouts	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6a	92	0	92	VLF	Type I Manholes	0	8	11	8	0	21	12	22	10	0	0	0	0	0	0	0	0	0	0	0	0	0
6b	14	0	14	VLF	Type II Manholes	7	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0
6c	7	0	7	VLF	Type III Manholes 4-2	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6d	2	2	4	EA	Casting Adjusted to Grade	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
7a	7	0	7	EA	Flat Grate Catch Basin	0	3	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7b	6	0	6	EA	Curb Inlet Catch Basin	0	0	0	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	50	50	CY	Excavation and Backfill of Unsuitable Material	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9a	0	5	5	EA	Water Service Relocation 2-Inch Diameter or Smaller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9b	0	2	2	EA	Water Main Relocation Greater Than 2-Inch Diameter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	5	5	EA	Sanitary Lateral Relocations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11a	60	15	75	LF	Sewer Abandonment	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11b	2	1	3	EA	Regulator Manhole Abandonment	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	2954	50	3004	LF	Concrete Curbs	0	0	0	0	0	0	0	0	0	0	0	675	1184	1095	0	0	0	0	0	0	0	0
13a	584	25	609	LF	12-Inch Cured-in-Place Pipe	0	0	0	0	0	0	565	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13b	878	50	928	LF	18-Inch Cured-in-Place Pipe	0	202	426	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13c	788	50	838	LF	21-Inch Cured-in-Place Pipe	451	337	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13d	13	2	15	EA	Lateral Service Reinstated	3	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14a	3265	100	3365	SY	ODOT Item 254 Pavement Planing - Parkside Drive	0	0	0	0	0	0	0	0	0	2437	828	0	0	0	0	0	0	0	0	0	0	0
14b	7396	70	7466	SF	ODOT Item 202 Driveway Removed	0	0	0	0	0	0	0	0	0	1733	780	336	3051	1496	0	0	0	0	0	0	0	0
14c	3100	50	3150	CY	ODOT Item 203 Roadway Excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	493	455	392	427	525	439	342	27
14d	3601	100	3701	SY	ODOT Item 204 Subgrade Compaction	0	0	0	0	0	0	0	0	0	0	0	886	1422	1293	0	0	0	0	0	0	0	0
14e	301	25	326	CY	ODOT Item 301 Asphalt Concrete Base	0	0	0	0	0	0	0	0	0	0	0	74	119	108	0	0	0	0	0	0	0	0
14f	755	50	805	CY	ODOT Item 304 Aggregate Base	0	0	0	0	0	0	0	0	0	32	32	154	294	243	0	0	0	0	0	0	0	0
14g	184	25	209	GAL	ODOT Item 407 Tack Coat	0	0	0	0	0	0	0	0	0	0	4	44	71	65	0	0	0	0	0	0	0	0
14h	89	10	99	CY	ODOT Item 441 Asphalt Concrete Leveling Course, Type I (448) - Parkside Drive	0	0	0	0	0	0	0	0	0	68	21	0	0	0	0	0	0	0	0	0	0	0
14i	180	15	195	CY	ODOT Item 441 Asphalt Concrete Intermediate Course, Type II (448)	0	0	0	0	0	0	0	0	0	0	5	43	69	63	0	0	0	0	0	0	0	0
14j	273	15	288	CY	ODOT Item 441 Asphalt Concrete Surface Course (448)	0	0	0	0	0	0	0	0	0	108	40	31	49	45	0	0	0	0	0	0	0	0
14k	5597	50	5647	SF	ODOT Item 452 6-Inch Concrete Driveway	0	0	0	0	0	0	0	0	0	658	56	336	3051	1496	0	0	0	0	0	0	0	0
15	2257	50	2307	LF	Post Construction CCTV Inspection of Installed Sewers	10	118	75	112	568	422	15	530	407	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1496	50	1546	SY	Topsoil, Seeding and Mulching	0	0	0	0	0	0	0	0	0	0	0	179	482	535	0	0	0	0	0	0	0	0

TOL-7459001G05-L0001
09/24/19 01-V23
XREF: 7296001SURV

THIS LINE SCALES 1" WHEN
PLOTTED TO NOTED SCALE

VILLAGE OF SWANTON, OHIO
BROOKSIDE, WOODSIDE, PARKSIDE
COMBINED SEWER SEPARATION

5

4

3

2

1

NO.

DATE

STATUS

DATE

9/24/19

ADDENDUM 1

ISSUED FOR BID

SEPTEMBER 2019

DESIGNED

MLK

DRAWN

RHN

CHECKED

TAB

REVISIONS AFTER ISSUED FOR BID

BY

TMB

BY


GENERAL SUMMARY

JOB NO.

479-7459.001

SCALE

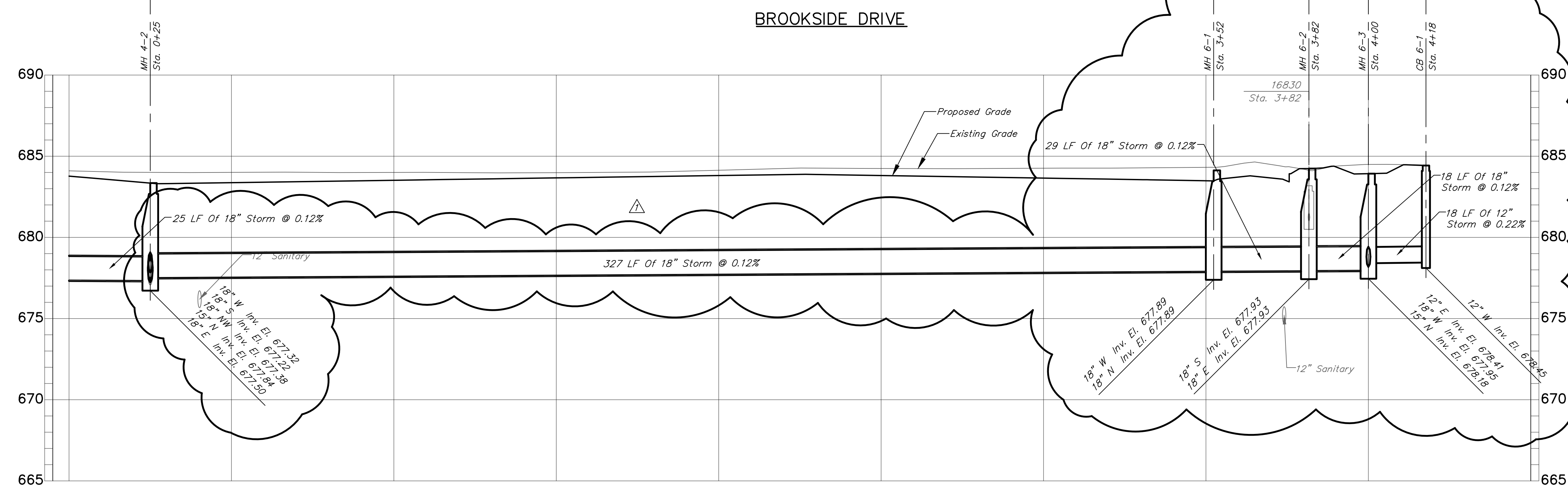
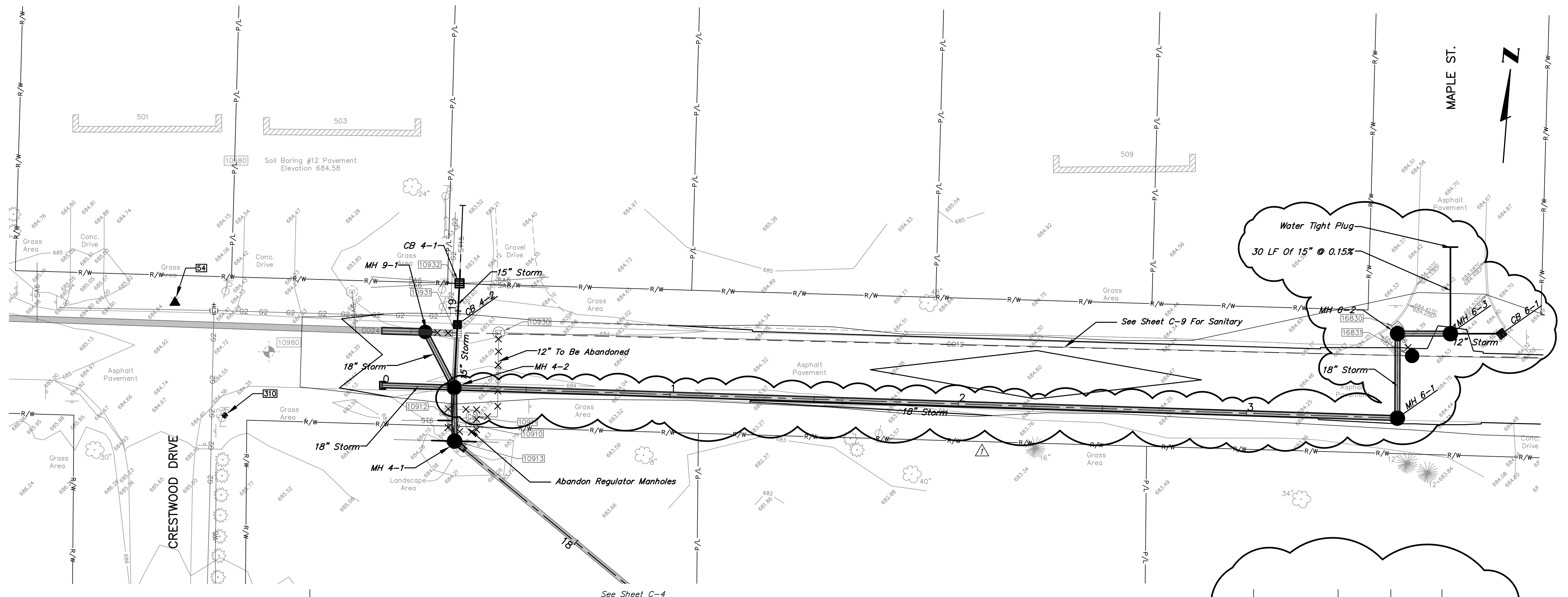
AS NOTED

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SHEET NO.

G-5

5 of 33



VILLAGE OF SWANTON, OHIO BROOKSIDE, WOODSIDE, PARKSIDE COMBINED SEWER SEPARATION				BROOKSIDE DRIVE STORM SEWER PLAN AND PROFILE STA. 0+25 TO 3+83			
NO. DATE REVISIONS AFTER ISSUED FOR BID				JOB NO. 479-7459.001			
1 9/24/19 ADDENDUM 1				SCALE 1"=20' HOR. 1"=4' VERT.			
STATUS: ISSUED FOR BID				DESIGNED MLK DRAWN RHN CHECKED TAB			
DATE: SEPTEMBER 2019				JONES & HENRY ENGINEERS, LTD. www.jheng.com Fluid Thinking®			
THIS LINE SCALES 1" WHEN PLOTTED TO NOTED SCALE				SHEET NO. C-6 11 of 33			

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09/24/19 01-V23
XREF: 7296001SURV

