

**RUSSELL TOWNSHIP
GEAUGA COUNTY, OHIO**
Bid Specifications

The Asphalt Resurfacing of Various Roads

Including:

Stillwater Drive –	TR 152	Deepwood Drive –	TR 326
South Deepwood Lane –	TR 324	Fox Run –	TR 327
North Deepwood Lane –	TR 325		

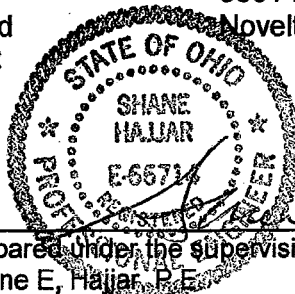
Contract RUS-RS-15

Bids Received Until - April 10, 2015
1:45 P.M.

Russell Administration Bldg.
c/o Charles Walder
8501 Kinsman Road
Novelty, OH 44072

Bid Opening - April 10, 2015
2:00 P.M.

Russell Administration Bldg.
8501 Kinsman Road
Novelty, OH 44072



Prepared under the supervision of
Shane E. Hajjar, P.E. P.E. 66714
Date 3/13/15 Geauga County Deputy Engineer

**Plans/Specifications Approved by
Russell Township Board of Trustees**

Gary G. Gabram Date 3/18/15
Gary G. Gabram

Justin Madden Date 3/18/15
Justin Madden

James Mueller Date 3/18/15
James Mueller

Resolution No. 2015-04
RESOLUTION TO ORDER THE IMPROVEMENT OF VARIOUS ROADS
Russell Township, Geauga County

WHEREAS, the Russell Township Board of Trustees, Geauga County, has determined by unanimous vote in Resolution #2015-01 that the public convenience and welfare require the improvement of the entire lengths of Stillwater Drive (TR 152), South Deepwood Lane (TR 324), North Deepwood Lane (TR 325), Deepwood Drive (TR 326) and Fox Run (TR 327) and authorized the Geauga County Engineer to prepare engineering plans in accordance with Section 5573.01 of the Ohio Revised Code; and

WHEREAS, the Geauga County Engineer has completed the plans, profiles, cross sections, estimates, and specifications for the improvement of the entire lengths of Stillwater Drive (TR 152), South Deepwood Lane (TR 324), North Deepwood Lane (TR 325), Deepwood Drive (TR 326) and Fox Run (TR 327) in Russell Township, and has filed the specifications with the Board; and

WHEREAS, the Russell Township Board of Trustees has reviewed the plans, profiles, cross sections, estimates, and specifications and finds them acceptable; and

WHEREAS, the cost of such improvement will not be excessive in view of the public utility thereof; and

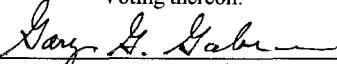

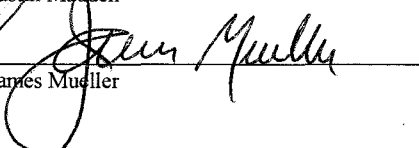
WHEREAS, the Russell Township Board of Trustees is satisfied that the public convenience and welfare require the proposed improvement of the entire lengths of Stillwater Drive (TR 152), South Deepwood Lane (TR 324), North Deepwood Lane (TR 325), Deepwood Drive (TR 326) and Fox Run (TR 327).

NOW THEREFORE, BE IT RESOLVED that the Russell Township Board of Trustees in accordance with Section 5573.06 of the Ohio Revised Code hereby orders that such improvement proceed.

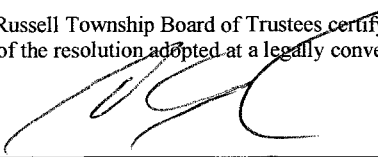
BE IT FURTHER RESOLVED that the Russell Township Board of Trustees hereby adopts the surveys, plans, profiles, cross sections, estimates, and specifications for such improvement, the costs of which shall be paid from local funding sources in accordance with Section 5573.07 of the Ohio Revised Code.

BE IT FURTHER RESOLVED that the Fiscal Officer of the Russell Township Board of Trustees is hereby ordered to let this project for bids in accordance with Section 5575.02 of the Revised Code. The bids shall be let upon a unit price basis. Bids shall be received by Charles Walder, Fiscal Officer, until 1:45 P.M. official local time on April 10, 2015. Bids received will be publicly opened and read aloud at 2:00 P.M. the same day.

BE IT FURTHER RESOLVED that the Fiscal Officer of the Russell Township Board of Trustees is hereby instructed to transmit a certified copy of this resolution to the Geauga County Engineer.

Voting thereon:	Vote
 _____ Gary G. Graham	<u>Yes</u>
 _____ Justin Madden	<u>yes</u>
 _____ James Mueller	<u>aye</u>

I, Charles Walder, the Fiscal Officer of the Russell Township Board of Trustees certify that the foregoing is a true and correct copy of the acceptance of the resolution adopted at a legally convened Board meeting held on March 18, 2015.



Charles Walder, Fiscal Officer

**Office of the Geauga County Engineer
ESTIMATE OF COST
Russell Township, Geauga County
RUS-RS-15**

MAJ 3/10/2015

S. Deepwood, N. Deepwood, Deepwood and Fox Run - TR 324, 325, 326, 327

Full Width Overlay 3" 301 / 1.25" 448-1

length -	0.85 MILES		
width -	18 FEET	shoulder width -	2 FEET
# of drives -	30 EACH	# of cul-de-sacs -	3 OPEN

Stillwater Lane TR 152

Full Width Overlay 3" 301 / 1.25" 448-1

length -	0.29 MILES		
width -	16 FEET	shoulder width -	2 FEET
# of drives -	15 EACH	# of cul-de-sacs -	1 CLOSED

<i>Item</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Total Price</i>
103	Contract Performance Bond and Premium	1 LUMP	\$ 2,400.00	\$ 2,400.00
202	Wearing Course Removed	150.0 SY	\$ 10.00	\$ 1,500.00
301	Asphalt Concrete Base, PG 64-22	1125.0 CY	\$ 110.00	\$ 123,750.00
301	Asphalt Concrete Base, PG 64-22 (Driveways)	25.0 CY	\$ 200.00	\$ 5,000.00
407	Tack Coat, As Per Plan	1480 GAL	\$ 2.50	\$ 3,700.00
441	Asphalt Concrete Surface Course, Type 1, (448) PG64-22 (Driveways)	45.0 CY	\$ 200.00	\$ 9,000.00
441	Asphalt Concrete Surface Course, Type 1, (448) PG64-22, APP	530.0 CY	\$ 150.00	\$ 79,500.00
614	Maintaining Traffic	1 LUMP	\$ 6,000.00	\$ 6,000.00
617	Compacted Aggregate (RACP), As Per Plan	360.0 CY	\$ 35.00	\$ 12,600.00
624	Mobilization	1 LUMP	\$ 5,750.00	\$ 5,750.00
644	Stop Line	40.0 FEET	\$ 20.00	\$ 800.00
			TOTAL	\$ 250,000.00

LEGAL NOTICE

Russell Township

Notice is hereby given that sealed bids will be received by the Russell Township Board of Trustees, c/o Charles Walder, Fiscal Officer, 8501 Kinsman Road, Novelty, Ohio 44072 until 1:45 P.M. official local time on April 10, 2015. Bids received will be publicly opened and read aloud at 2:00 P.M. the same day at the same location, for **The Asphalt Resurfacing of Various Roads in Russell Township**. The Engineer's estimate for this project is **\$250,000.00**.

Copies of the plans and/or specifications may be obtained digitally online at <http://www.co.geauga.oh.us/Departments/Engineer/OnlinePlans.aspx> or a hardcopy is available at the Geauga County Engineer's Office, 470 Center Street, Building 5, Chardon, OH 44024.

A bid guaranty in the amount of one hundred percent (100%) of the bid amount or a certified check, cashier's check or letter of credit pursuant to Chapter 1305 of the Ohio Revised Code in the amount of ten percent (10%) of the total bid amount shall accompany each bid. The bid shall be let upon a unit price basis.

Bids may be held by the Russell Township Board of Trustees for a period not to exceed sixty (60) days from the date of opening, for the purpose of reviewing the bids and investigating the qualifications of bidders, prior to awarding the contract.

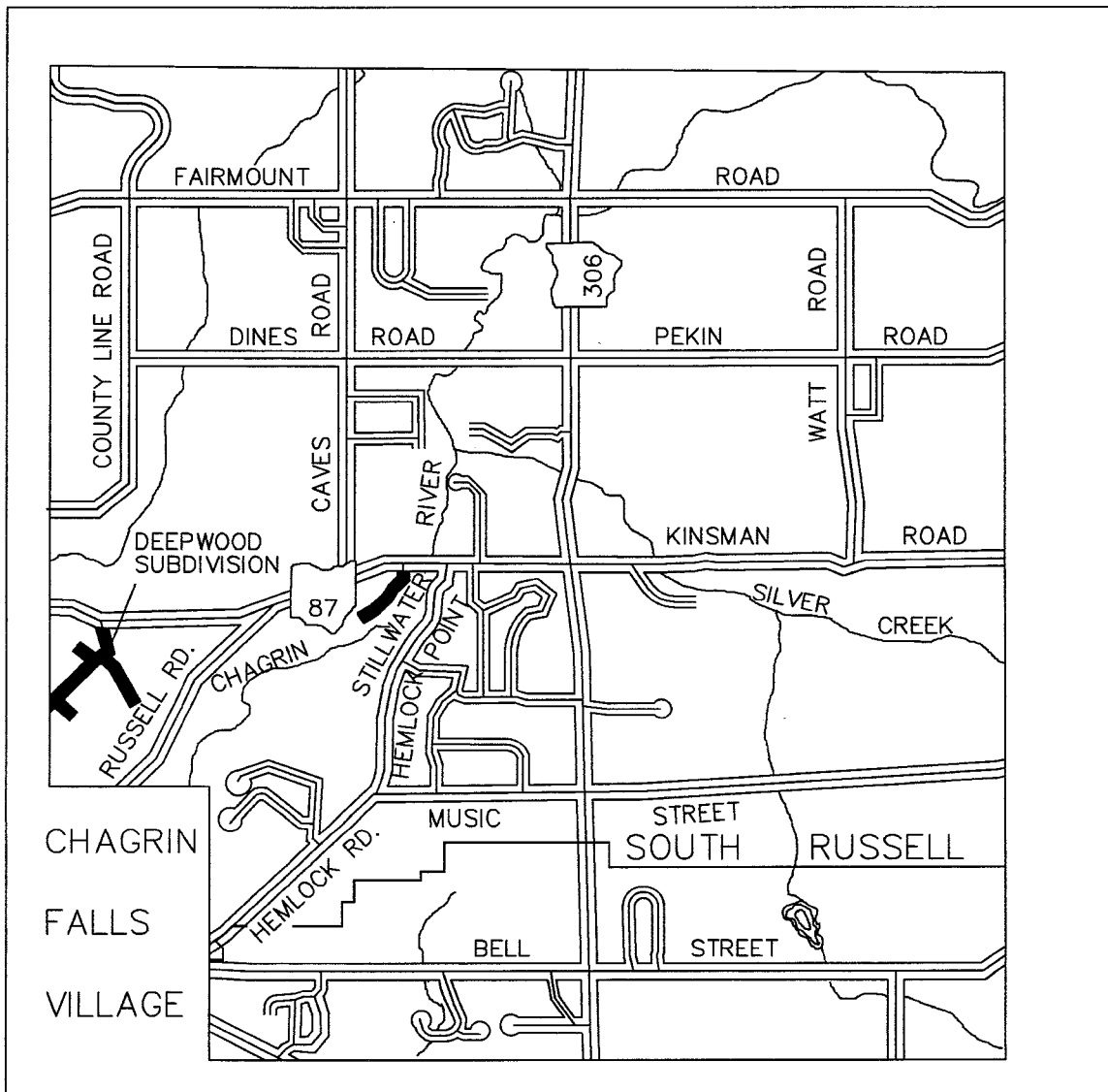
The Russell Township Board of Trustees reserves the right to reject any and all bids, to waive any informalities or irregularities in the bids received, and to accept any bid or bids which are deemed most favorable to the Board at the time and under conditions stipulated, all in accord with the applicable provisions of laws of the State of Ohio governing the conduct of the Russell Township Board of Trustees.

BY THE ORDER OF THE RUSSELL TOWNSHIP BOARD OF TRUSTEES

Charles Walder, Fiscal Officer

Publish: March 26, 2015

LOCATION MAP
VARIOUS ROADS IN RUSSELL TOWNSHIP
RUS-RS-15
RUSSELL TOWNSHIP
GEAUGA COUNTY



TYPICAL SECTION

THE ASPHALT RESURFACING OF VARIOUS ROADS IN RUSSELL TOWNSHIP

RUS-RS-15

RUSSELL TOWNSHIP, GEAUGA COUNTY

INCLUDING:

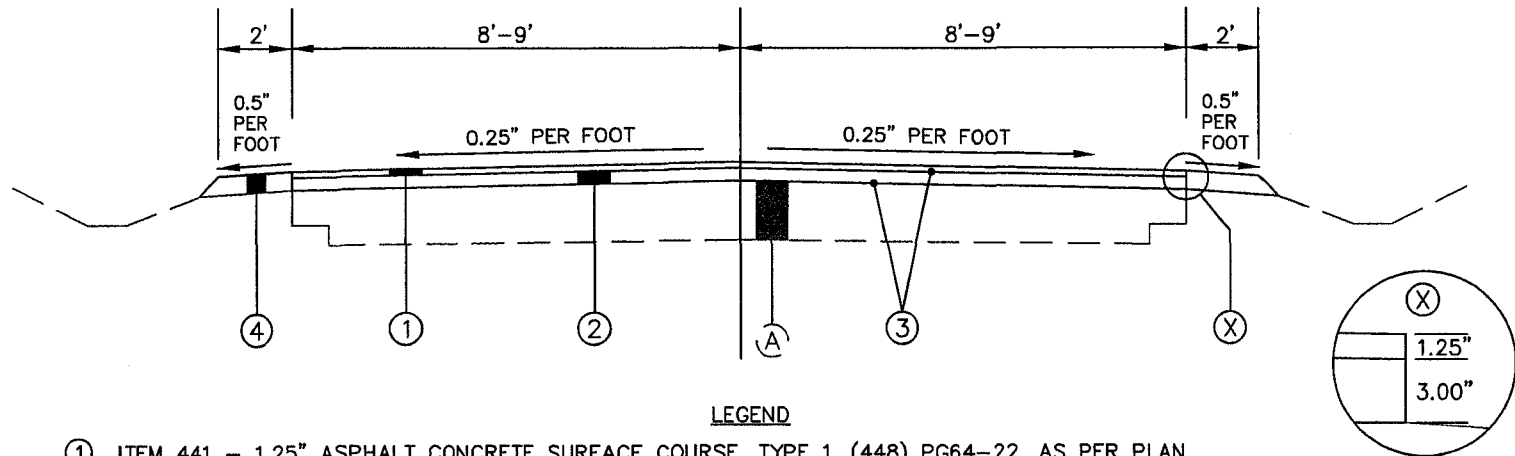
STILLWATER DRIVE (TR 152)

DEEPWOOD DRIVE (TR 326)

NORTH DEEPWOOD LANE (TR 324)

FOX RUN (TR 327)

SOUTH DEEPWOOD LANE (TR 325)



LEGEND

- ① ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG64-22, AS PER PLAN
- ② ITEM 301 - 3" ASPHALT CONCRETE BASE, PG64-22
- ③ ITEM 407 - TACK COAT, AS PER PLAN
- ④ ITEM 617 - 4.25" COMPACTED AGGREGATE (RACP), AS PER PLAN
- Ⓐ EXISTING ASPHALT PAVEMENT

* STATION 0+00 IS LOCATED AT THE INTERSECTION OF THE CROSSING ROADWAY

DESCRIPTION OF WORK
**The Asphalt Resurfacing of Various Roads
in Russell Township,
Geauga County**

Section 1 General

The Construction and Material Specifications dated 2013 published by the Ohio Department of Transportation (ODOT) and the *Modifications to the Ohio Department of Transportation's 2013 Construction and Material Specifications for Geauga County* dated 2015 shall govern this project except where otherwise noted in this Specification Booklet. The *Standard Contract Provisions for Contracts Prepared by the Geauga County Engineer's Office* dated 2015 shall govern the contractual agreement for this project. These Documents are available on the Geauga County Engineer's Web Site, go to <http://www.co.geauga.oh.us/Departments/Engineer/Documents.aspx> to view these documents or they may be picked up at the Engineer's Office. The requirements of Section 4115 of the Ohio Revised Code with regards to prevailing wages shall be followed for this project.

The project shall include the asphalt resurfacing of entire lengths of Stillwater Lane (TR 152), South Deepwood Lane (TR 324), North Deepwood Lane (TR 325), Deepwood Drive (TR 326), from the County Line to SR 87, and Fox Run (TR 327), in Russell Township. The project limits are generally shown on the location map. The project includes approximately 1.14 miles of roadway and four (4) cul-de-sacs.

Section 2 Inspection and Notification

A pre-construction conference shall be scheduled by the Engineer with the Contractor prior to the start of construction. The Contractor shall submit a detailed Schedule of Operations for approval prior to the pre-construction meeting. The Contractor shall notify the Engineer at least seven (7) days in advance of the beginning of construction, so the Engineer may schedule the inspection.

The Contractor shall notify the local fire department, police and other appropriate agencies that may require the use of the road during emergency situations of the anticipated road work. If any area becomes inaccessible at any time, the Contractor shall immediately notify the agencies of these locations. The Contractor shall schedule his work and coordinate with the local schools as listed below to accommodate the pick-up and delivery of school students if applicable.

PHONE NUMBERS FOR LOCAL OFFICIALS:

Geauga County Sheriff	(440) 635-1234
State Highway Patrol	(440) 635-1381
Novelty Post Office	(440) 338-3746
West Geauga School District	(440) 729-5951
Russell Twp. Road Department	(440) 338-5309
Russell Twp. Fire Department	(440) 338-6161

The Contractor shall notify all utility companies with facilities within the project area at least two days prior to commencing construction at each location. The utilities listed below may have facilities within the project areas.

UTILITY OWNERS AND CONTACT PERSONNEL

Orwell Natural Gas	Jeff Heidnik	(440) 413-9809
Dominion East Ohio Gas	Bryan Dayton	(330) 664-2409
The Illuminating Co.	Mark Robinson	(440) 717-6845
Windstream	Jon Hobby	(440) 285-5474
Suddenlink	Jerry Walsh	(330) 207-0894
AT&T	James Janis	(216) 476-6142
Enervest Gas Pipelines	Kenneth Kreager	(330) 877-6747
Summit Petroleum	Linda Mahne	(330) 487-5494
Dry Hole	Eric Lindberg	(330) 720-8185

Section 3 Maintaining Traffic

ODOT Item 614 – Maintaining Traffic

Traffic shall be maintained for the duration of the project. The Contractor shall furnish at least two (2) employees to serve as traffic control flaggers and the work zone shall follow the specifications set forth in ODOT SCD MT-97.11. The Contractor may need to use three (3) flaggers when working at major intersections in order to properly maintain traffic.

All traffic control devices shall be placed at the direction of the Engineer. Additional signs may be required and installed as directed by the Engineer. The Contractor shall furnish and maintain six (6) "BUMP" signs (minimum of 2) at all butt joints for one (1) in each direction of travel until the asphalt surface course is placed. All work and traffic control devices shall be in accordance with ODOT Item 614 and other applicable portions of the specifications, as well as the Ohio Manual of Uniform Traffic Control Devices. Payment for all labor, equipment and materials shall be included in the Lump Sum contract price for ODOT Item 614, Maintaining Traffic, unless separately itemized in the plan.

Section 4 Construction

◆ ◆ ◆ Stillwater Drive – T.R. 152 [0.29 Miles] ◆ ◆ ◆

ODOT Item 202 – Wearing Course Removed [50.0 SY]

Butt joints, per ODOT SCD BP-3.1, shall be required at the following locations, as marked by the Engineer:

- Kinsman Road, SR 87 (50 SY)

ODOT Item 301 - Asphalt Concrete Base, PG64-22 [300.0 CY]

The Contractor shall place an asphalt concrete base course in one pass of full width of sixteen feet (16') at an average depth of three inches (3"). Minimal driveway aprons for vehicle access shall be paved with this course at the direction of the Engineer. Two (2) rollers shall be used when compacting this course in order to get proper compaction and proper finish. A vibratory roller shall serve as the breakdown and finish roller and compact the course with vibration used in only one direction of travel. A pneumatic roller shall be the second roller. A contingency quantity has been included to be used as directed by the Engineer to achieve proper cross slope.

ODOT Item 301 - Asphalt Concrete Base, PG64-22 (Driveways) [10.0 CY]

The Contractor shall place up to a ten feet (10') long apron at each driveway as directed by the Engineer. This operation shall be performed after the mainline base course and prior to the application of the mainline surface course. The lengths of aprons are subject to change at the direction of the Engineer.

ODOT Item 407 – Tack Coat, As Per Plan [280 GAL]

Tack coat shall be applied to the existing asphalt surface prior to the placement of the base course. The Engineer may adjust the application rate of 0.09 gallons per square yard. An additional quantity of tack coat to be placed on the base course of asphalt prior to the placement of the surface course is included in the total quantity for this item. This quantity has been calculated at the application rate of 0.04 gallons per square yard and shall only be used at direction of the Engineer.

ODOT Item 441 – Asphalt Concrete Surface Course, Type 1, (448) PG64-22 (Driveways) [15.0 CY]

The Contractor shall place up to a ten feet (10') long apron at all drives as directed by the Engineer. The paving of these driveways shall be a separate operation from the mainline paving. The lengths of aprons are subject to change at the direction of the Engineer. Driveway aprons shall be placed after the placement of the base course and before the placement of the surface course.

ODOT Item 441 – Asphalt Concrete Surface Course, Type 1, (448) PG64-22, As Per Plan [130.0 CY]

The Contractor shall place a surface course in one pass of full width of sixteen feet (16') consisting of an average compacted depth of one and one-quarter inches (1.25"). Mailbox approaches will be paved with this course at the direction of the Engineer. The Contractor shall use two (2) rollers to compact the surface course including one vibratory roller and one tandem roller. The vibratory roller shall be used to breakdown and compact the course with vibration used in only one direction of travel. The tandem roller shall be used as the finish roller. The surface course shall not be placed the same day as the base course. A contingency quantity has been included to be used as directed by the Engineer to achieve proper cross slope.

ODOT Item 617 – Compacted Aggregate (RACP), As Per Plan [85.0 CY]

Upon the completion of the paving, the Contractor shall place the shoulder material along the roadway. The shoulder material shall not be placed on the same day as the placement of the surface course. The stabilized shoulder shall have a width of two feet (2') and an average depth of four and one-quarter inches (4.25").

The Contractor shall place shoulder back up material along the edges of new aprons back to the ditch-line, as directed by the Engineer. The shoulder material shall wrap all the way around the drive apron on gravel driveways. The shoulder material shall be comprised of recycled asphalt concrete pavement approved by the Engineer. The Contractor shall use a compaction method approved by the Engineer.

ODOT Item 644 – Stop Line [20.0 FEET]

One (1) stop bar, per ODOT SCD TC71.10, shall be placed as listed at the location below. The Engineer will mark the exact location.

- Stillwater Drive (20 FEET)

- ◆ ◆ ◆ *South Deepwood Lane – T.R. 324 [0.16 Miles]* ◆ ◆ ◆
- ◆ ◆ ◆ *North Deepwood Lane – T.R. 325 [0.16 Miles]* ◆ ◆ ◆
- ◆ ◆ ◆ *Deepwood Drive – T.R. 326 [0.43 Miles]* ◆ ◆ ◆
- ◆ ◆ ◆ *Fox Run – T.R. 327 [0.10 Miles]* ◆ ◆ ◆

ODOT Item 202 – Wearing Course Removed [100.0 SY]

Butt joints, per ODOT SCD BP-3.1, shall be required at the following locations, as marked by the Engineer:

- Deepwood Drive at the intersection with Kinsman Road, SR 87 (50 SY)
- County-Line Location on Deepwood Drive (50 SY)

ODOT Item 301 - Asphalt Concrete Base, PG64-22 [825.0 CY]

The Contractor shall place an asphalt concrete base course in one pass of full width of eighteen feet (18') at an average depth of three inches (3"). Minimal driveway aprons for vehicle access shall be paved with this course at the direction of the Engineer. Two (2) rollers shall be used when compacting this course in order to get proper compaction and proper finish. A vibratory roller shall serve as the breakdown and finish roller and compact the course with vibration used in only one direction of travel. A pneumatic roller shall be the second roller. A contingency quantity has been included to be used as directed by the Engineer to achieve proper cross slope.

ODOT Item 301 - Asphalt Concrete Base, PG64-22 (Driveways) [15.0 CY]

The Contractor shall place up to a ten feet (10') long apron at each driveway as directed by the Engineer. This operation shall be performed after the mainline base course and prior to the application of the mainline surface course. The lengths of aprons are subject to change at the direction of the Engineer.

ODOT Item 407 – Tack Coat, As Per Plan [1200 GAL]

Tack coat shall be applied to the existing asphalt surface prior to the placement of the base course. The Engineer may adjust the application rate of 0.09 gallons per square yard. An additional quantity of tack coat to be placed on the base course of asphalt prior to the placement of the surface course is included in the total quantity for this item. This quantity has been calculated at the application rate of 0.04 gallons per square yard and shall only be used at direction of the Engineer.

ODOT Item 441 – Asphalt Concrete Surface Course, Type 1, (448) PG64-22 (Driveways) [30.0 CY]

The Contractor shall place up to a ten feet (10') long apron at all drives as directed by the Engineer. The paving of these driveways shall be a separate operation from the mainline paving. The lengths of aprons are subject to change at the direction of the Engineer. Driveway aprons shall be placed after the placement of the base course and before the placement of the surface course.

ODOT Item 441 – Asphalt Concrete Surface Course, Type 1, (448) PG64-22, As Per Plan [400.0 CY]

The Contractor shall place a surface course in one pass of full width of sixteen feet (16') consisting of an average compacted depth of one and one-quarter inches (1.25"). Mailbox approaches will be paved with this course at the direction of the Engineer. The Contractor shall use two (2) rollers to compact the surface course including one vibratory roller and one tandem roller. The vibratory roller shall be used to breakdown and compact the course with vibration used in only one direction of travel. The tandem roller shall be used as the finish roller. The surface course shall not be placed the same day as the base course. A contingency quantity has been included to be used as directed by the Engineer to achieve proper cross slope.

ODOT Item 617 – Compacted Aggregate (RACP), As Per Plan [275.0 CY]

Upon the completion of the paving, the Contractor shall place the shoulder material along the roadway. The shoulder material shall not be placed on the same day as the placement of the surface course. The stabilized shoulder shall have a width of two feet (2') and an average depth of four and one-quarter inches (4.25").

The Contractor shall place shoulder back up material along the edges of new aprons back to the ditch-line, as directed by the Engineer. The shoulder material shall wrap all the way around the drive apron on gravel driveways. The shoulder material shall be comprised of recycled asphalt concrete pavement approved by the Engineer. The Contractor shall use a compaction method approved by the Engineer.

ODOT Item 644 – Stop Line [20.0 FEET]

One (1) stop bar, per ODOT SCD TC71.10, shall be placed as listed at the location below. The Engineer will mark the exact location.

- Deepwood Drive (20 FEET)

Section 5 Quantity Breakdown

ITEM 103	Contract Performance Bond and Premium	1 Lump
ITEM 614	Maintaining Traffic	1 Lump
ITEM 624	Mobilization	1 Lump

Stillwater Drive, TR 152

Length -----	0.29 MILES		
Pavement Width-----	16 FEET	No. of Drives -----	15 EACH
Shoulder Width -----	2 FEET	No. of Cul-de-sacs -----	1 EACH

ITEM 202	Wearing Course Removed	50.0 SY
ITEM 301	Asphalt Concrete Base, PG 64-22	300.0 CY
ITEM 301	Asphalt Concrete Base, PG 64-22 (Driveways)	10.0 CY
ITEM 407	Tack Coat, As Per Plan	280 GAL
ITEM 441	Asphalt Concrete Surface Course, Type 1, (448) PG64-22 (Driveways)	15.0 CY
ITEM 441	Asphalt Concrete Surface Course, Type 1, (448) PG64-22, As Per Plan	130.0 CY
ITEM 617	Compacted Aggregate (RACP), As Per Plan	85.0 CY
ITEM 644	Stop Line	20.0 FEET

S. Deepwood Ln. (TR 324)

Length -----	0.16 MILES		
Pavement Width-----	18 FEET	No. of Drives -----	8 EACH
Shoulder Width -----	2 FEET	No. of Cul-de-sacs -----	1 EACH

ITEM 301	Asphalt Concrete Base, PG64-22	155.0 CY
ITEM 301	Asphalt Concrete Base, PG 64-22 (Driveways)	4.0 CY
ITEM 407	Tack Coat, As Per Plan	225 GAL
ITEM 441	Asphalt Concrete Surface Course, Type 1, PG64-22 (Driveways)	8.0 CY
ITEM 441	Asphalt Concrete Surface Course, Type 1, PG64-22, As Per Plan	75.0 CY
ITEM 617	Compacted Aggregate (RACP), As Per Plan	50.0 CY

N. Deepwood Ln. (TR 325)

Length ----- 0.16 MILES
Pavement Width----- 18 FEET No. of Drives ----- 8 EACH
Shoulder Width ----- 2 FEET No. of Cul-de-sacs ----- 1 EACH

ITEM 301 Asphalt Concrete Base, PG64-22 155.0 CY
ITEM 301 Asphalt Concrete Base, PG 64-22 (Driveways) 4.0 CY
ITEM 407 Tack Coat, As Per Plan 225 GAL
ITEM 441 Asphalt Concrete Surface Course, Type 1,
PG64-22 (Driveways) 8.0 CY
ITEM 441 Asphalt Concrete Surface Course, Type 1,
PG64-22, As Per Plan 75.0 CY
ITEM 617 Compacted Aggregate (RACP), As Per Plan 50.0 CY

Deepwood Dr. (TR 326)

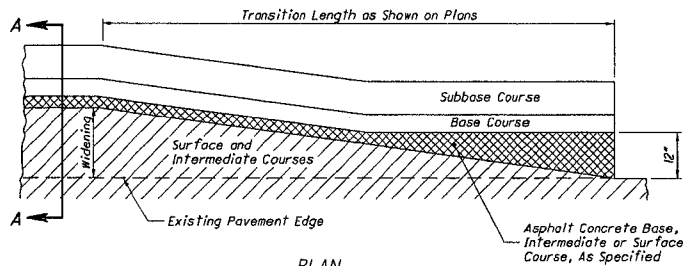
Length ----- 0.43 MILES
Pavement Width----- 18 FEET No. of Drives ----- 9 EACH
Shoulder Width ----- 2 FEET

ITEM 202 Wearing Course Removed 100.0 SY
ITEM 301 Asphalt Concrete Base, PG64-22 415.0 CY
ITEM 301 Asphalt Concrete Base, PG 64-22 (Driveways) 5.0 CY
ITEM 407 Tack Coat, As Per Plan 610 GAL
ITEM 441 Asphalt Concrete Surface Course, Type 1,
PG64-22 (Driveways) 9.0 CY
ITEM 441 Asphalt Concrete Surface Course, Type 1,
PG64-22, As Per Plan 200.0 CY
ITEM 617 Compacted Aggregate (RACP), As Per Plan 130.0 CY
ITEM 644 Stop Line 20.0 FEET

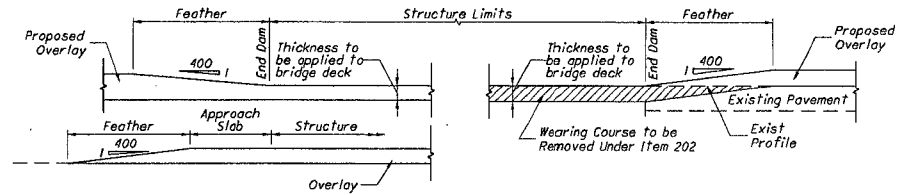
Fox Run (TR 327)

Length ----- 0.10 MILES
Pavement Width----- 18 FEET No. of Drives ----- 5 EACH
Shoulder Width ----- 2 FEET No. of Cul-de-sacs ----- 1 EACH

ITEM 301 Asphalt Concrete Base, PG64-22 100.0 CY
ITEM 301 Asphalt Concrete Base, PG 64-22 (Driveways) 2.0 CY
ITEM 407 Tack Coat, As Per Plan 140 GAL
ITEM 441 Asphalt Concrete Surface Course, Type 1,
PG64-22 (Driveways) 5.0 CY
ITEM 441 Asphalt Concrete Surface Course, Type 1,
PG64-22, As Per Plan 50.0 CY
ITEM 617 Compacted Aggregate (RACP), As Per Plan 45.0 CY

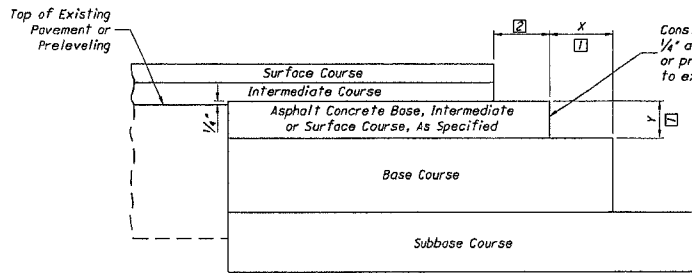


PLAN
MERGING EDGE OF PAVEMENT WIDENING
WITH EDGE OF EXISTING PAVEMENT

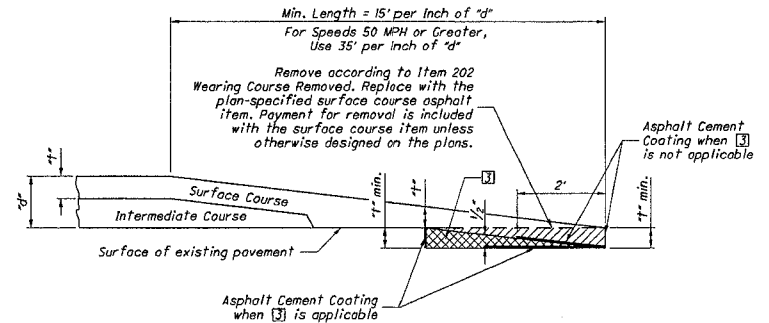


Details assume non-settled approach slabs. Smoothing of the profile for Settlement is required per plan grades or as directed by the Engineer.

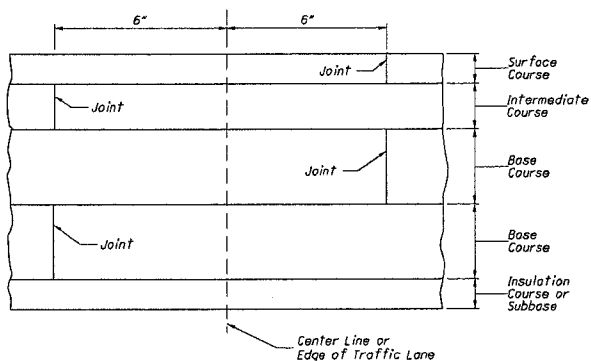
FEATHERING AT STRUCTURES



SECTION A-A
COURSE DETAIL FOR WIDENING



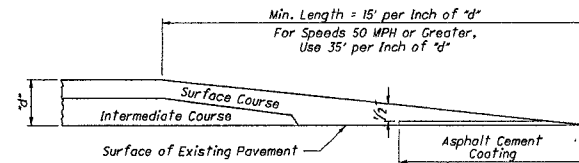
BUTT JOINT TYPE



Lapping Longitudinal Joints

LEGEND

- 1 The extended width (X) of a base or subbase lift shall be equal to the depth (Y) of the overlying lift or 6', whichever is greater, or as shown on the plans.
- 2 The extended width shall be equal to the combined thickness of the surface and intermediate courses, or 4', whichever is greater.
- 3 Permissible removal and replacement

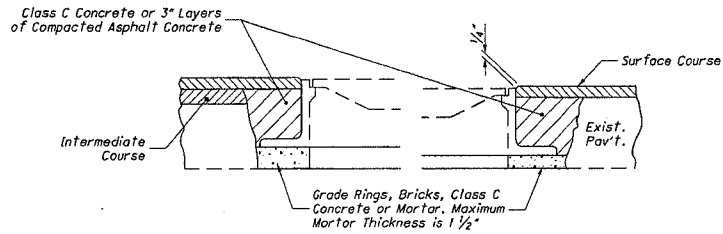


TAPER EDGE TYPE

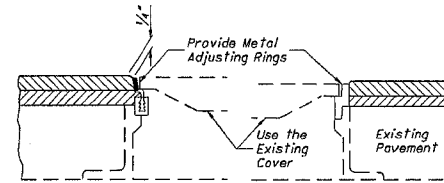
NOTE: Butt joint is required unless the taper edge is specified in the plans or approved by the Engineer

PLACING FEATHERED AREAS

Values for "r" and "d" are obtained from the plan.



USING CONCRETE OR MORTAR



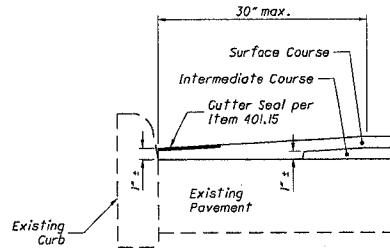
USING METAL ADJUSTING RINGS

Metal adjusting rings shall:

- (a) Attach securely to the existing frame by welding or mechanical devices;
- (b) Consist either of cast metal having an integral rim and seat, or be fabricated metal with a sturdy connection between the seat and rim; and
- (c) Provide an even seat for the manhole cover.

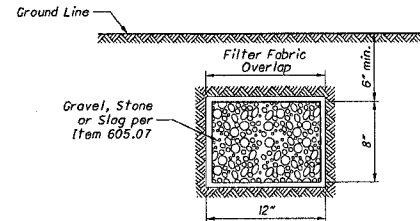
In addition, the adjusting ring type shall be a design acceptable to the local governmental agency responsible for street and sewer maintenance. Any installation unacceptable to the Engineer shall be replaced by the Contractor at his expense.

MANHOLES ADJUSTED TO GRADE



Special care shall be taken during construction to obtain maximum compaction of asphalt concrete in gutters.

GUTTER FINISH



Aggregate drains to be placed where and as directed by Engineer. Provide Filter Fabric when specified as a separate pay item.

AGGREGATE DRAIN

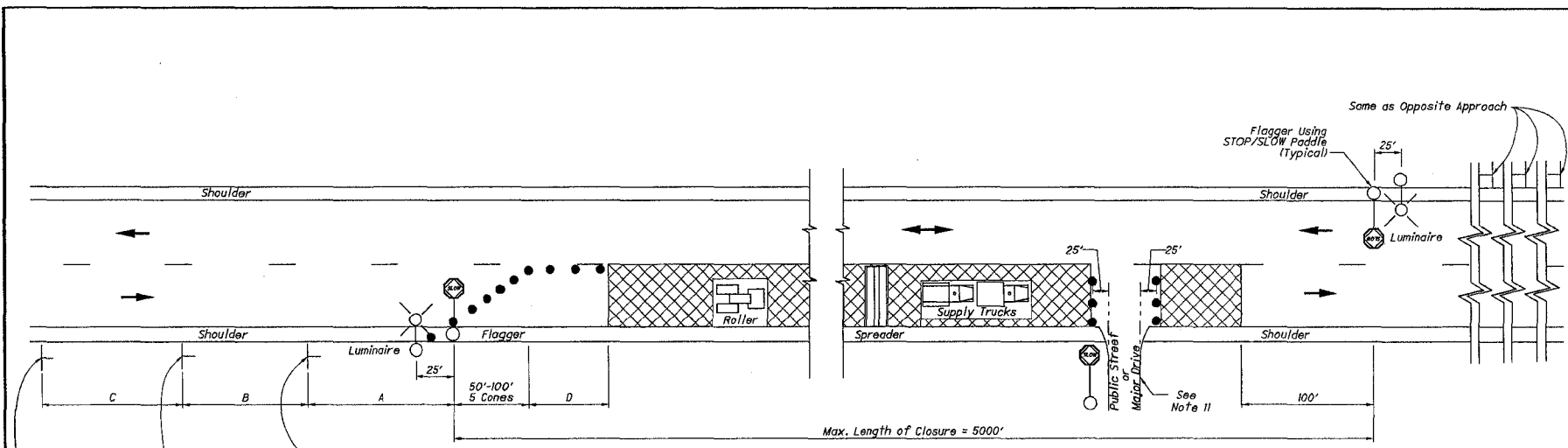


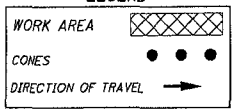
TABLE I (SIGN SPACING)

ROAD TYPE	DISTANCE BETWEEN SIGNS (FT)		
	A	B	C
Two Lane ≤ 40 MPH	100	100	100
Two Lane 45-50 MPH	350	350	350
Two Lane 55-60 MPH	500	500	500

TABLE II

SPEED LIMIT (MPH)	BUFFER (D) (FT) MIN.
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570

LEGEND



THIS DRAWING REPLACES MT-97.11 DATED 07-19-2013.
 STANDARD ROADWAY CONSTRUCTION DRAWING
 FLAGGER CLOSING 1 LANE OF A 2-LANE HIGHWAY FOR PAVING OPERATIONS (NON-FED ONLY)
 MT-97.11
 1 / 2

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
 CLASS ENGINEER
 Soisson
 ADMINISTRATOR
 07-18-2014
 DATE
 Raphael Stengel

NOTES:

FLAGGERS

- 1. Flaggers, one for each direction, shall be used to control traffic continuously for as long as a one lane operation is in effect. The flaggers shall be able to communicate with each other at all times.

LENGTH OF CLOSURE

- 2. It is required that the length of closure be kept to a minimum at all times, as directed by the Engineer, with a maximum allowable length of 5000'.

When the ambient temperature exceeds 80 degrees Fahrenheit the Engineer may increase the maximum allowable length of closure to allow for sufficient cooling of new pavement.

The Engineer may shorten the maximum allowable length of closure to relieve excessive traffic backups or to improve traffic operation.

SIGN LOCATION AND SPACING

- 3A. The minimum spacing between work zone signs is shown in Table I. Maximum spacing should not be greater than 1.5 times the distances shown in Table I.
- 3B. Sign spacing should be adjusted to avoid conflict with existing signs. Minimum spacing to existing signs shall be 200' for speeds of 45 mph or less and a minimum of 400' for speeds of 50 mph or greater.
- 3C. The location of the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.

ADJUSTMENTS FOR SIGHT DISTANCE

- 4. The location of the flagger station and the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.

BASIC SIGNING

- 5A. ROAD WORK AHEAD (W20-1) signs shall be provided on entrance ramps or roadways entering the work limits.
- 5B. END ROAD WORK (G20-2) signs are only required for lane closures of more than 1 day. If it is intended that these signs be placed on the mainline, on all exit ramps, and on roadways exiting the work limits.
- 5C. Overlapping of signing for adjacent projects should be avoided where the messages could be confusing. Any ROAD WORK AHEAD or END ROAD WORK sign which falls within the limits of another traffic control zone shall be omitted or covered during the period when both projects are active.

SIGNING DETAILS

- 6A. The Advisory Speed (W13-1P) plaque shall be used when specified in the plan.
- 6B. 36" warning signs may be used when the approach speed limit is 40 mph or less.

FLASHING WARNING LIGHTS

- 7. Type A flashing warning lights shown on the ROAD WORK AHEAD (W20-1) signs and on the LANE CLOSED AHEAD (W20-5) signs are required whenever a night lane closure is necessary.

CONES

- 8A. Cone spacing shall be as follows:
 - a) Spacing along the buffer shall be 40' center-to-center.
 - b) Spacing along the approach taper shall be 10' center-to-center.
- 8B. Cone sizes shall be as follows:
 - a) Cones used for daytime traffic control shall have a minimum height of 28".
 - b) Cones used for nighttime traffic control shall have a minimum height of 42".
- 8C. Provisions shall be made to stabilize the cones to prevent them from blowing over.
- 8D. A minimum of two cones shall be used to close the paved shoulder.

(RESERVED FOR FUTURE USE)

- 9A. (intentionally blank)

AREA ILLUMINATION

- 10A. Adequate area illumination of each flagger station shall be provided at night. Use of portable flood lighting is acceptable.
- 10B. To ensure the adequacy of floodlight placement and the elimination of glare, the Contractor and the Engineer shall drive through the worksite each night when the lighting is in place. Light placement and shielding shall be adjusted to the satisfaction of the Engineer.

INTERSECTION / DRIVEWAY ACCESS

- 11. Within the length of closure, provision shall be made to control traffic entering from intersecting streets and major drives as necessary to prevent wrong-way movements and to keep vehicles off of new pavement not ready for traffic. The Contractor shall:
 - a) Place across the closed lane, either three cones or barricades, and/or
 - b) Provide an additional flagger at every public street intersection and major driveway.
- Cones placed across the closed lane shall be located 25' beyond the projected pavement edges of the driveway or cross highway. For barricades, see Standard Construction Drawing MT-101.60.
- Existing STOP signs shall be relocated as necessary to assure proper location for the traffic conditions.
- The method of control shall be subject to the approval of the Engineer.

CHIP SEAL OPERATION

- 12. For chip seal operations, additional signing shall be incorporated in the advance warning area.
 - a) The LOOSE GRAVEL (W8-7) and FRESH TAR (W21-2) signs shall both be used in advance of the chip seal operation.
 - b) Repeat the LOOSE GRAVEL sign with a 35 mph Advisory Speed (W13-1) plaque every half mile per CMS 422.09.
 - c) The LOOSE GRAVEL and FRESH TAR signs shall both be used for signing of side roads intersecting the work area.

THIS DRAWING REPLACES MT-97.11 DATED 07-19-2013.
 STANDARD ROADWAY CONSTRUCTION DRAWING
 FLAGGER CLOSING 1 LANE OF A 2-LANE HIGHWAY FOR PAVING OPERATIONS (NON-FED ONLY)
 MT-97.11
 2 / 2

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
 ENGINEER
 SOISSON
 ADMINISTRATOR
 07-18-2014 DATE

STATE

WAGE

RATES

Prevailing Wage Determination Cover Letter

County:

GEAUGA

Determination Date: 03/09/2015

Expiration Date: 06/09/2015

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

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

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

The contract between the letting authority and the successful bidder shall contain a statement requiring that mechanics and laborers be paid a prevailing rate of wage as required in Section 4115.06, Ohio Revised Code. The contractor or subcontractor is required to file with the contracting public authority upon completion of the project and prior to final payment therefore an affidavit stating that he has fully complied with Chapter 4115 of the Ohio Revised Code.

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

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

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

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

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

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

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

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

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 16

Change # : LCN01-2014fbLoc16

Craft : Bricklayer Effective Date : 05/01/2014 Last Posted : 04/16/2014

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Bricklayer	\$31.69	\$7.00	\$6.65	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.00	\$61.85
Cement Masons	\$31.69	\$7.00	\$6.65	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.00	\$61.85
Pointer Caulker Cleaner	\$31.69	\$7.00	\$6.65	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.00	\$61.85
Plasterers	\$31.69	\$7.00	\$6.65	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.00	\$61.85
Mason Trainees											
1-90 Days	\$14.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14.26	\$21.39
91-365 Days	\$14.26	\$7.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.26	\$28.39
366 plus days	\$15.85	\$7.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.85	\$30.77
Apprentice	Percent										
1st 6 months	45.00	\$14.26	\$7.00	\$1.75	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$23.67	\$30.80
2nd 6 months	51.00	\$160.16	\$7.00	\$1.75	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$25.57	\$33.65
3rd 6 months	58.00	\$18.38	\$7.00	\$1.75	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$27.79	\$36.98
4th 6 months	66.00	\$20.92	\$7.00	\$1.75	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$30.33	\$40.78
5th 6 months	75.00	\$23.77	\$7.00	\$1.75	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$33.18	\$45.09
6th 6 months	85.00	\$26.94	\$7.00	\$1.75	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$36.35	\$49.81
7th 6 months	90.00	\$28.52	\$7.00	\$1.75	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$37.93	\$52.19
8th 6 months	95.00	\$30.11	\$7.00	\$1.75	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$39.52	\$54.57

Special Calculation Note : Improver Classification is 50% to 80% of the journeyman rate with full fringes except pension is at (\$1.00)Until such time as the joint apprentice board determines he is a qualified Journeyman, this should not exceed the Apprentice training period. Improvers may not constitute more than 20% of the work force

Ratio :

- 1-2 Journeymen to 1 Apprentice 1 Trainee
- 3-4 Journeymen to 1 Apprentice 1 Trainee
- 5-6 Journeymen to 2 Apprentice 2 Trainee
- 7-10 Journeymen to 3 Apprentice 2 Trainee

Special Jurisdictional Note :

Jurisdiction (* denotes special

jurisdictional note) : ASHTABULA, GEAUGA, LAKE

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter & Floorlayer NE District D

Change # : LCN01-2014fbfbLocNEClevelanddistD

Craft : Carpenter Effective Date : 07/30/2014 Last Posted : 07/30/2014

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Carpenter	\$31.61	\$6.32	\$5.64	\$0.45	\$0.00	\$2.05	\$0.00	\$0.00	\$0.00	\$46.07	\$61.88
Floorlayer	\$31.61	\$6.32	\$5.64	\$0.47	\$0.00	\$2.05	\$0.00	\$0.00	\$0.00	\$46.09	\$61.89
Apprentice	Percent										
1st 3 months	40.00	\$12.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.64	\$18.97
2nd 3 months	45.00	\$14.22	\$6.32	\$0.00	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$20.99	\$28.11
2nd 6 months is 1st year	50.00	\$15.81	\$6.32	\$0.00	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$22.57	\$30.48
3rd 6 months	55.00	\$17.39	\$6.32	\$0.00	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$24.16	\$32.85
4th 6 months is 2nd year	60.00	\$18.97	\$6.32	\$0.00	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$25.74	\$35.22
5th 6 months	70.00	\$22.13	\$6.32	\$3.95	\$0.45	\$0.00	\$1.44	\$0.00	\$0.00	\$34.29	\$45.35
6th 6 months is 3rd year	75.01	\$23.71	\$6.32	\$4.23	\$0.45	\$0.00	\$1.54	\$0.00	\$0.00	\$36.25	\$48.11
7th 6 months	80.00	\$25.29	\$6.32	\$4.51	\$0.45	\$0.00	\$1.64	\$0.00	\$0.00	\$38.21	\$50.85
8th 6 months is 4th year	85.00	\$26.87	\$6.32	\$4.79	\$0.45	\$0.00	\$1.74	\$0.00	\$0.00	\$40.17	\$53.60

Special Calculation Note : Floorlayers Apprentice App. Tr. is \$0.02 more an hour for a total of \$0.47.

Ratio :

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Pile Driver Local 1871 NE District M

Change # : LCN02-2014fbLoc1871M

Craft : Carpenter Effective Date : 07/30/2014 Last Posted : 07/30/2014

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Carpenter Pile Driver	\$29.71	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$0.00	\$46.07	\$60.93
Diver	\$44.57	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$0.00	\$60.93	\$83.21
Certified Welder	\$30.76	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$0.00	\$47.12	\$62.50
Apprentice	Percent										
1st 6 months	55.00	\$16.34	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$32.70	\$40.87
2nd 6 months	58.50	\$17.38	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$33.74	\$42.43
3rd 6 months	62.00	\$18.42	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$34.78	\$43.99
4th 6 months	65.50	\$19.46	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$35.82	\$45.55
5th 6 months	69.00	\$20.50	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$36.86	\$47.11
6th 6 months	72.50	\$21.54	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$37.90	\$48.67
7th 6 months	76.00	\$22.58	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$38.94	\$50.23
8th 6 months	80.00	\$23.77	\$6.32	\$5.99	\$0.45	\$0.00	\$3.60	\$0.00	\$0.00	\$40.13	\$52.01

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

Ratio : 3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

Special Jurisdictional Note :

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

Details

If certain projects warrant a larger percentage of apprentices, it will be agreed to increase the ratio of apprentices to journeymen, but Not to exceed (1) Apprentice to (2) Journeymen. Employees working with creosoted, chemically treated or toxic materials shall receive \$.50 in addition to regular rate. Pile Drivers duties shall include but not limited to: Pile driving, milling, fashioning, joining assembling, erecting, fastening, or dismantling of all material of wood, plastic, metal, fiber, cork and composition and all other substitute materials: pile driving, cutting, fitting and placing of lagging, and the handling, cleaning, erecting, installing and dismantling of

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

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Local 132 HwyHwy District I (A)

Change # : LCN01-2014fbHvyHwy

Craft : Cement Mason Effective Date : 05/21/2014 Last Posted : 05/21/2014

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason (A)	\$27.50		\$6.94	\$5.50	\$0.55	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$42.59	\$56.34
Apprentice Percent												
1st Year	60.00	\$16.50	\$6.94	\$5.50	\$0.55	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$31.59	\$39.84
2nd Year	75.00	\$20.63	\$6.94	\$5.50	\$0.55	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$35.72	\$46.04
3rd Year	90.00	\$24.75	\$6.94	\$5.50	\$0.55	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$39.84	\$52.21

Special Calculation Note : Work performed in accordance with detail (B) please see Cement Mason HwyHwy District 1 (B) wage sheet

Ratio :

2 Journeymen to 1 Apprentice
Company Wide

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, FULTON,
GEAUGA, HANCOCK, HENRY, LAKE,
LUCAS, PUTNAM, WOOD

Special Jurisdictional Note :

Details :

(A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site, Heavy Construction, Airport Construction Or Railroad Construction Work.

(B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Local 132 HwyHwy District I (B)

Change # : LCN01-2014fbHvyHwy

Craft : Cement Mason Effective Date : 05/21/2014 Last Posted : 05/21/2014

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason (B)	\$28.97		\$6.94	\$5.50	\$0.55	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$44.06	\$58.54
Apprentice		Percent										
1st Year	60.00	\$17.38	\$6.94	\$5.50	\$0.55	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$32.47	\$41.16
2nd Year	75.00	\$21.73	\$6.94	\$5.50	\$0.55	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$36.82	\$47.68
3rd Year	90.00	\$26.07	\$6.94	\$5.50	\$0.55	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$41.16	\$54.20

Special Calculation Note : Work performed in accordance with detail (A) please see Cement Mason HwyHwy District 1 (A) wage sheet

Ratio :

2 Journeymen to 1 Apprentice
Company Wide

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, FULTON,
GEAUGA, HANCOCK, HENRY, LAKE,
LUCAS, PUTNAM, WOOD

Special Jurisdictional Note :

Details :

(A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site, Heavy Construction, Airport Construction Or Railroad Construction Work.

(B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 38

Change # : LCN01-2014fbLoc38

Craft : Electrical Effective Date : 05/21/2014 Last Posted : 05/21/2014

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrician	\$36.78		\$8.40	\$9.80	\$0.42	\$0.00	\$0.00	\$1.10	\$0.00	\$0.00	\$56.50	\$74.89
Apprentice	Percent											
1st 6 Months	35.00	\$12.87	\$8.40	\$0.00	\$0.42	\$0.00	\$0.00	\$0.39	\$0.00	\$0.00	\$22.08	\$28.52
2nd 6 Months	40.00	\$14.71	\$8.40	\$0.00	\$0.42	\$0.00	\$0.00	\$0.44	\$0.00	\$0.00	\$23.97	\$31.33
3rd 6 Months	45.00	\$16.55	\$8.40	\$6.37	\$0.42	\$0.00	\$0.00	\$0.50	\$0.00	\$0.00	\$32.24	\$40.52
4th 6 Months	50.00	\$18.39	\$8.40	\$6.37	\$0.42	\$0.00	\$0.00	\$0.55	\$0.00	\$0.00	\$34.13	\$43.32
5th 6 Months	55.00	\$20.23	\$8.40	\$6.37	\$0.42	\$0.00	\$0.00	\$0.61	\$0.00	\$0.00	\$36.03	\$46.14
6th 6 Months	60.00	\$22.07	\$8.40	\$6.37	\$0.42	\$0.00	\$0.00	\$0.66	\$0.00	\$0.00	\$37.92	\$48.95
7th 6 Months	65.00	\$23.91	\$8.40	\$6.37	\$0.42	\$0.00	\$0.00	\$0.72	\$0.00	\$0.00	\$39.82	\$51.77
8th 6 Months	70.00	\$25.75	\$8.40	\$6.37	\$0.42	\$0.00	\$0.00	\$0.77	\$0.00	\$0.00	\$41.71	\$54.58
9th 6 Months	75.02	\$27.59	\$8.40	\$6.37	\$0.42	\$0.00	\$0.00	\$0.83	\$0.00	\$0.00	\$43.61	\$57.41
10th 6 Months	80.00	\$29.42	\$8.40	\$6.37	\$0.42	\$0.00	\$0.00	\$0.88	\$0.00	\$0.00	\$45.49	\$60.21

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

Jurisdiction (* denotes special jurisdictional note) :

Ratio :

CUYAHOGA, GEAUGA*, LORAIN*

1 to 3 Journeyman to 2 Apprentice
4 to 6 Journeymen to 4 Apprentice
7 to 9 Journeymen to 6 Apprentice
and continue as above per job site

Special Jurisdictional Note : In Geauga County the following townships are included: (Bainbridge, Chester and Russell). In Lorain County the following township is included (Columbia).

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Outside Utility Power

Change # : LCN01-2013fbLoc7

Craft : Lineman Effective Date : 01/16/2013 Last Posted : 01/16/2013

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate	
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)			
Classification												
Electrical Lineman	\$35.38	\$5.00	\$1.06	\$0.35	\$0.00	\$7.08	\$0.15	\$0.00	\$0.00	\$49.02	\$66.71	
Substation Technician	\$35.38	\$5.00	\$1.06	\$0.35	\$0.00	\$7.08	\$0.15	\$0.00	\$0.00	\$49.02	\$66.71	
Cable Splicer	\$37.02	\$5.00	\$1.11	\$0.37	\$0.00	\$7.40	\$0.15	\$0.00	\$0.00	\$51.05	\$69.56	
Operator A	\$31.82	\$5.00	\$0.95	\$0.32	\$0.00	\$6.36	\$0.15	\$0.00	\$0.00	\$44.60	\$60.51	
Operator B	\$28.22	\$5.00	\$0.85	\$0.28	\$0.00	\$5.64	\$0.15	\$0.00	\$0.00	\$40.14	\$54.25	
Operator C	\$22.86	\$5.00	\$0.69	\$0.23	\$0.00	\$4.57	\$0.15	\$0.00	\$0.00	\$33.50	\$44.93	
Groundman 0-12 months Exp	\$19.46	\$5.00	\$0.53	\$0.18	\$0.00	\$3.54	\$0.15	\$0.00	\$0.00	\$27.09	\$35.94	
Groundman 0-12 months Exp w/CDL	\$19.46	\$5.00	\$0.58	\$0.19	\$0.00	\$3.89	\$0.15	\$0.00	\$0.00	\$29.27	\$39.00	
Groundman 1 yr or more	\$19.46	\$5.00	\$0.58	\$0.19	\$0.00	\$3.89	\$0.15	\$0.00	\$0.00	\$29.27	\$39.00	
Groundman 1 yr or more w/CDL	\$23.00	\$5.00	\$0.69	\$0.23	\$0.00	\$4.60	\$0.15	\$0.00	\$0.00	\$33.67	\$45.17	
Equipment Mechanic A	\$28.23	\$5.00	\$0.85	\$0.28	\$0.00	\$5.65	\$0.15	\$0.00	\$0.00	\$40.16	\$54.28	
Equipment Mechanic B	\$25.55	\$5.00	\$0.77	\$0.26	\$0.00	\$5.11	\$0.15	\$0.00	\$0.00	\$36.84	\$49.62	
Equipment Mechanic C	\$22.86	\$5.00	\$0.69	\$0.23	\$0.00	\$4.57	\$0.15	\$0.00	\$0.00	\$33.50	\$44.93	
Line Truck w/uuger	\$25.18	\$5.00	\$0.76	\$0.25	\$0.00	\$5.04	\$0.15	\$0.00	\$0.00	\$36.38	\$48.97	
Apprentice	Percent											
1st 1000 hrs	60.00	\$21.23	\$5.00	\$0.63	\$0.21	\$0.00	\$4.25	\$0.15	\$0.00	\$0.00	\$31.47	\$42.08
2nd 1000 hrs	65.00	\$23.00	\$5.00	\$0.69	\$0.23	\$0.00	\$4.60	\$0.15	\$0.00	\$0.00	\$33.67	\$45.17
3rd 1000 hrs	70.00	\$24.77	\$5.00	\$0.74	\$0.25	\$0.00	\$4.95	\$0.15	\$0.00	\$0.00	\$35.86	\$48.24
4th 1000 hrs	75.00	\$26.54	\$5.00	\$0.80	\$0.27	\$0.00	\$5.31	\$0.15	\$0.00	\$0.00	\$38.07	\$51.33

5th 1000 hrs	80.00	\$28.30	\$5.00	\$0.85	\$0.28	\$0.00	\$5.66	\$0.15	\$0.00	\$0.00	\$40.24	\$54.40
6th 1000 hrs	85.00	\$30.07	\$5.00	\$0.90	\$0.30	\$0.00	\$6.01	\$0.15	\$0.00	\$0.00	\$42.43	\$57.47
7th 1000 hrs	90.00	\$31.84	\$5.00	\$0.96	\$0.32	\$0.00	\$6.37	\$0.15	\$0.00	\$0.00	\$44.64	\$60.56

Special Calculation Note :

Operator "A"

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

Operator "B"

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

Operator "C"

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

Ratio :

(1) Journeyman Lineman to (1) Apprentice

Jurisdiction (* denotes special jurisdictional note) :

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

Special Jurisdictional Note :

Details :

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

Prevailing Wage Rate Skilled Crafts

Name of Union: Ironworker Local 17

Change # : LCN01jc2010Loc17

Craft : Ironworker Effective Date : 07/21/2010 Last Posted : 07/21/2010

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Ironworker	\$29.65		\$5.60	\$9.50	\$0.38	\$0.00	\$2.35	\$0.00			\$47.48	\$62.31
Apprentice	Percent											
1st 6 Months	60.00	\$17.79	\$5.60	\$9.50	\$0.38	\$0.00	\$2.35	\$0.00			\$35.62	\$44.52
2nd 6 Months	65.00	\$19.27	\$5.60	\$9.50	\$0.38	\$0.00	\$2.35	\$0.00			\$37.10	\$46.74
2nd Year 1st 6 Months	70.00	\$20.75	\$5.60	\$9.50	\$0.38	\$0.00	\$2.35	\$0.00			\$38.59	\$48.96
2nd Year 2nd 6 Months	75.00	\$22.24	\$5.60	\$9.50	\$0.38	\$0.00	\$2.35	\$0.00			\$40.07	\$51.19
3rd Year 1st 6 Months	80.00	\$23.72	\$5.60	\$9.50	\$0.38	\$0.00	\$2.35	\$0.00			\$41.55	\$53.41
3rd Year 2nd 6 Months	85.00	\$25.20	\$5.60	\$9.50	\$0.38	\$0.00	\$2.35	\$0.00			\$43.03	\$55.63
4th Year 1st 6 Months	90.00	\$26.68	\$5.60	\$9.50	\$0.38	\$0.00	\$2.35	\$0.00			\$44.52	\$57.86
4th Year 2nd 6 Months	95.00	\$28.17	\$5.60	\$9.50	\$0.38	\$0.00	\$2.35	\$0.00			\$46.00	\$60.08

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

Ratio :

4 Journeymen to 1 Apprentice on Structural Work
3 Journeymen to 1 Apprentice on Rod Work
2 Journeymen to 1 Apprentice on ALL Finishing, Steel Sash, Stairway and Ornamental Work

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE, LORAIN, MEDINA, PORTAGE, SUMMIT

Special Jurisdictional Note : West Boundary Line :Sandusky, Ohio: Boundary lines between Local 17 & Local 55 are as follows: Columbus Ave north to Sandusky Bay (and/or Lake Erie): Columbus Ave South to present Route 4: Route 4 South to present Route 99: from Route 99 south to old Route 224-all territory to the west of the boundary line to be the jurisdiction of Local 55.All territory to the East of the boundary line to be the jurisdiction of Local 17.Kelly's Island to be within jurisdiction of Local 17.All bridges,tunnels,viaducts,etc, relative to these boundary lines shall be the jurisdiction of Local 17

South Boundary Line:Canton, Ohio: Boundary lines between Local 17 & Local 550 are as follows: All territory north of old Route 224 line to be the jurisdiction of Local 17. All bridges,tunnels,viaducts,signs,etc, relative to old Route 224 line to be within the jurisdiction of Local 17. All territory south of old Route 224 line is to be within the jurisdiction of Local 550, except for everything within the city limits of Barberton which shall be the jurisdiction of Local 17.

Reading from West to East: Route old 224 line: Greenwich Ave-Wooster Road or East Ave. Route old 224 line: New 224 line including Cloverleaf: East Waterloo Road: New 224 line-Attwood Road-Old 224. This will be considered to be the old Route 224 line,except for the city limits of Barberton, Ohio which shall be the jurisdiction of Local 17

Southeast Boundary : Between local 17 and Local 207 are as follows: West of a line from Middlefield to Shalersville to Deerfield, shall be under the jurisdiction of local 17. East of a line from Middlefield, to Shalersville to Deerfield, shall be under the jurisdiction of Local 207.

Local 17 & Local 207 have agreed that the Ohio County of Ashtabula shall be as follows: Everything North of Route 6, starting at the Geauga County line, proceeding east to State Route 45, shall be under the jurisdiction of Local 17. Everything South, starting at the Geauga County line shall be under local 207.

North Boundary: The East boundary line and the West boundary line continuing North halfway across Lake Erie.

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Labor HevHwy 1B

Change # : LCN01-2014fbLocalHevHwy1B

Craft : Laborer Group 1 Effective Date : 05/01/2014 Last Posted : 04/30/2014

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Laborer Group 1	\$29.38		\$6.40	\$3.00	\$0.40	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$39.28	\$53.97
Group 2	\$29.55		\$6.40	\$3.00	\$0.40	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$39.45	\$54.23
Group 3	\$29.88		\$6.40	\$3.00	\$0.40	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$39.78	\$54.72
Group 4	\$30.33		\$6.40	\$3.00	\$0.40	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$40.13	\$55.39
Watch Person	\$20.45		\$6.40	\$3.00	\$0.40	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$30.35	\$40.57
Apprentice Percent												
0-1000 hrs	60.00	\$17.63	\$6.40	\$3.00	\$0.40	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$27.53	\$36.34
1001-2000 hrs	70.00	\$20.57	\$6.40	\$3.00	\$0.40	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$30.47	\$40.75
2001-3000 hrs	80.00	\$23.50	\$6.40	\$3.00	\$0.40	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$33.40	\$45.16
3001-4000 hrs	90.00	\$26.44	\$6.40	\$3.00	\$0.40	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$36.34	\$49.56
More than 4000 hrs	100.00	\$29.38	\$6.40	\$3.00	\$0.40	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$39.28	\$53.97

Special Calculation Note : Watchman have no Apprentices.

Ratio :

1 Journeymen to 1 Apprentice
4 Journeymen to 1 Apprentice thereafter

Jurisdiction (* denotes special jurisdictional note) :

CUYAHOGA, GEAUGA

Special Jurisdictional Note : Hod Carriers and Common Laborers - Heavy, Highway, Sewer, Waterworks, Utility, Airport, Railroad, Industrial and Building Site

Details :**Group 1**

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

Group 2

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

Group 3

Blast and Powder Person, Muckers (with miners), Wrencher (mechanical joints & utility pipeline), Yarnier, Top Lander, Hazardous Waste (level A), Concrete Specialist, Curb Setter and Cutter, Concrete Crew in Tunnels. Utility pipeline Tappers, Waterline, Caulker, Signal Person, Grade Checker

Group 4

Miner, Welder, Gunite Nozzle Person

Prevailing Wage Rate Skilled Crafts

Name of Union: Operating Engineers - HevHwy I

Change # : LCN01-2014fbLoc18hevhwyI

Craft : Operating Engineer Effective Date : 05/21/2014 Last Posted : 05/21/2014

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Operator Class 1	\$33.93		\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$47.83	\$64.79
Class 2	\$33.83		\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$47.73	\$64.64
Class 3	\$32.79		\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$46.69	\$63.09
Class 4	\$31.57		\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$45.47	\$61.26
Class 5	\$26.28		\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$40.18	\$53.32
Class 6	\$34.18		\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$48.08	\$65.17
Class 7	\$34.18		\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$48.08	\$65.17
Class 8	\$34.43		\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$48.33	\$65.54
Great Lakes Floating Agreement												
Class 1	\$39.70		\$6.91	\$6.00	\$0.60	\$0.00	\$0.00	\$0.04	\$0.00	\$0.00	\$53.25	\$73.10
Class 2A	\$38.20		\$6.91	\$6.00	\$0.60	\$0.00	\$0.00	\$0.04	\$0.00	\$0.00	\$51.75	\$70.85
Class 2B	\$38.20		\$6.91	\$6.00	\$0.60	\$0.00	\$0.00	\$0.04	\$0.00	\$0.00	\$51.75	\$70.85
Class 3	\$34.00		\$6.91	\$6.00	\$0.60	\$0.00	\$0.00	\$0.04	\$0.00	\$0.00	\$47.55	\$64.55
Class 4	\$28.30		\$6.91	\$6.00	\$0.60	\$0.00	\$0.00	\$0.04	\$0.00	\$0.00	\$41.85	\$56.00
Apprentice Percent												
1st Year	50.00	\$16.96	\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$30.87	\$39.35
2nd Year	60.00	\$20.36	\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$34.26	\$44.44
3rd Year	70.00	\$23.75	\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$37.65	\$49.53
4th Year	80.00	\$27.14	\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$41.04	\$54.62
Field Mech Trainee												
1st year	49.88	\$16.92	\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$30.82	\$39.29
2nd year	59.83	\$20.30	\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$34.20	\$44.35
3rd year	69.80	\$23.68	\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$37.58	\$49.42
4th year	79.75	\$27.06	\$7.16	\$6.00	\$0.67	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$40.96	\$54.49

Special Calculation Note : Other: Education & Safety Fund is \$0.04 per hour.

Ratio :

For every (3) Operating Engineer Journeymen employed by the company , there may be employed (1) Registered Apprentice. An apprentice, while employed as part of a crew per Article VIII paragraph 65, will not be subject the apprenticeship ratios in this collective bargaining agreement. On jobs where maintenance engineers are to be employed, for every (2) Class 2 Mechanics there may be (1) Mechanic Trainee & so fourth. Mechanic Trainee rate is a percentage of Class 2 rate.

Jurisdiction (* denotes special jurisdictional note) :

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

Special Jurisdictional Note :**Details :**

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

Class 1 - Air Compressors on Steel Erection; Asphalt Plant Engineers (Cleveland District Only); Barrier Moving Machine; Boiler Operators, Compressor Operators, or Generators, when mounted on a rig; Boom Trucks (all types); Cableways; Cherry Pickers; Combination- Concrete mixers & Towers; Concrete Pumps; Concrete Plants (over 4 yd capacity); Cranes (all types); Derricks (all types); Draglines; Elevating Graders or Euclid Loaders; Gradalls; Helicopter Crew (Operator- hoist or winch); Hoes (all types); Hoisting Engines; Hoisting Engines, on shaft or tunnel work; Hydraulic Gantry (lifting system); Locomotives (standard guage); Maintenance Operators (class A); Mixers, paving (single or double drum); Piledriving Machines (all types); Power Shovels, Prentice Loader; Quad 9 (double pusher); Rail Tamper (with automatic lifting and aligning device); Refrigerating Machines (freezer operation); Rotary Drills, on caisson work; Side Booms; Slip Form Pavers; Tower Dericks; Trench Machines; Truck Mounted Concrete Pumps; Tug Boats; Tunnel Machines and /or Mining Machines; Wheel Excavators;Industrial-type tractors; Jet Engine - Dryer (D8 or D9) Diesel Tractors Mucking Machines; Multiple Scrapers; Tree Shreddes. Rough Terrain Fork-lift with Winch/Hoist; Compact Cranes,track or rubber over 4,000 pound capacity, self-erecting cranes:stationary,track or truck (all configurations) bucket trench machines (over 24 inches wide).

Class 2 - Asphalt Pavers; Automatic Subgrade Machines, self-propelled (CMI-type); Bobcat-type and /or skid steer loader with hoe attachment greater than 7000 lbs.; Boring Machine Operators (more than 48 inches); Bulldozers; ;Endloaders; Hydro Milling Machine; Kolman-type Loaders (production type-dirt); Lead Greasemen; Maintenance Operators, Class B (Portage and Summit Counties only); Pettibone-Rail Equipment; Power Graders; Power Scrapers; Push Cats; Lighting and Traffic Signal Installation Equipment includes all groups or classifications; Trench Machines (24inch wide and under); Vermeer Type Concrete saw. Material Transfer Equipment (Shuttle buggy) Asphalt All rotomills, grinders and planers of all types. Horizontal Directional Drill (Over 50,000 ft.lbs.thrust and over).

Class 3 - A-Frames; Air Compressors, on tunnel work (low Pressure); All Asphalt Rollers; Asphalt Plant Engineers (Portage and Summit Counties only); Bobcat-type and/or skid steer loader with or without attachments; Power Boilers (15 lbs pressure and over); Highway Drills (all types); Pump Operators (installing or operating well Points); Pumps (4 inch and over discharge); Railroad Tie Inserter/Remover; Rotovator (lime-soil Stabilizer); Switch & Tie Tampers (without lifting and aligning device); Locomotives (narrow gage); Mixers, concrete (more than one bag capacity); Mixers, one bag capacity (side loader); Utilities Operators, (small equipment); Welding Machines and Generators; Material hoist/elevators. Articulating/straight bed end dumps if assigned (minus \$4.00 per hour)

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

Class 5 - Compressors (portable, Sewer, Heavy and Highway); Generators; Inboard-Outboard Motor Boat Launches; Masonry Fork Lifts; Oilers/Helpers; Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Signalmen; Drum Fireman (in Asphalt Plant); Oil Heaters (Asphalt Plant); Tire Repairmen; VAC/ALLS; Fueling and greasing (plus \$3.00), compact cranes; track or rubber under 4,000 pounds.

Class 6 - Master Mechanic

Class 7 - Crane Boom 150ft.- 180ft

Class 8 - Crane Boom over 180 ft.

GREAT LAKES FLOATING AGREEMENT

Class 1 -Diver, Wet Tender,Engineer,(hyd.Dredge), Craft Foreman (Master Mechanic)

Class 2A - Crane Backhoe Operator,Mechanic/Welder,Assistant Engineer (Hyd. Dredge), Leverman(Hyd Dredge) Diver Tender, Tug Operator (Tug 70T and over)

Class 2B - Friction Crane, Lattice Boom, any Crane Certification

Class 3-Maintenance of Crane (over 50T capacity) or Backhoe (115,000 lbs or more) Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock Scow.

Class 4 - Deck Equipment Operator, (Machineryman/Fireman)(4 equipment Units or more), Deck Hand, Deck Tug Engineer, Crane Maintenance, 50T and under/Backhoe 115,000lbs or less, Assistant Tug Operator, Off Road Truck.

Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 707

Change # : LCN01-2014fbLoc707

Craft : Painter Effective Date : 05/01/2014 Last Posted : 04/30/2014

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Painter Brush Roll	\$27.57	\$5.54	\$4.05	\$0.35	\$0.00	\$2.75	\$0.00	\$0.00	\$0.00	\$40.26	\$54.05
Paperhanger	\$27.57	\$5.54	\$4.05	\$0.35	\$0.00	\$2.75	\$0.00	\$0.00	\$0.00	\$40.26	\$54.05
Sandblasting & Buffing	\$27.97	\$5.54	\$4.05	\$0.35	\$0.00	\$2.75	\$0.00	\$0.00	\$0.00	\$40.66	\$54.64
Spray Painting	\$28.27	\$5.54	\$4.05	\$0.35	\$0.00	\$2.75	\$0.00	\$0.00	\$0.00	\$40.96	\$55.10
REPAINT Brush Roll & Paperhanger	\$26.07	\$5.54	\$4.05	\$0.35	\$0.00	\$2.75	\$0.00	\$0.00	\$0.00	\$38.76	\$51.80
REPAINT Sandblasting & Buffing	\$26.47	\$5.54	\$4.05	\$0.35	\$0.00	\$2.75	\$0.00	\$0.00	\$0.00	\$39.16	\$52.39
REPAINT Spray Painting	\$26.77	\$5.54	\$4.05	\$0.35	\$0.00	\$2.75	\$0.00	\$0.00	\$0.00	\$39.46	\$52.85
Apprentice - Painter	Percent										
1st 6 months	45.00	\$12.41	\$5.54	\$1.05	\$0.30	\$0.00	\$0.00	\$0.00	\$0.00	\$19.30	\$25.50
2nd 6 months	50.00	\$13.79	\$5.54	\$1.05	\$0.30	\$0.00	\$0.00	\$0.00	\$0.00	\$20.67	\$27.57
3rd 6 months	55.00	\$15.16	\$5.54	\$1.50	\$0.30	\$0.00	\$1.51	\$0.00	\$0.00	\$24.01	\$31.60
4th 6 months	60.00	\$16.54	\$5.54	\$1.50	\$0.30	\$0.00	\$1.65	\$0.00	\$0.00	\$25.53	\$33.80
5th 6 months	65.00	\$17.92	\$5.54	\$1.80	\$0.30	\$0.00	\$1.79	\$0.00	\$0.00	\$27.35	\$36.31
6th 6 months	70.00	\$19.30	\$5.54	\$1.80	\$0.30	\$0.00	\$1.93	\$0.00	\$0.00	\$28.87	\$38.52
7th 6 months	75.00	\$20.68	\$5.54	\$2.50	\$0.30	\$0.00	\$2.06	\$0.00	\$0.00	\$31.08	\$41.42
8th 6 months	80.00	\$22.06	\$5.54	\$2.50	\$0.30	\$0.00	\$2.20	\$0.00	\$0.00	\$32.60	\$43.62

Special Calculation Note : Apprentice pay based on percentage of above appropriate classification.

Ratio : 1 Apprentice to 1 Journeyman

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, PORTAGE*, SUMMIT*

Special Jurisdictional Note : Portage & Summit North of the East-West Turnpike.

Details :

Application of Catalytic materials under class 3 hazardous per MSDS - .65 per hour above the Job Classification basic hourly rate.

Application of Catalytic materials under class 4 hazardous per MSDS - 1.00 per hour above the Job Classification basic hourly rate.

Apprentice - Painter	Percent												
1st 6 months	45.00	\$12.72	\$5.54	\$1.05	\$0.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19.66	\$26.02
2nd 6 months	50.00	\$14.14	\$5.54	\$1.05	\$0.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.08	\$28.14
3rd 6 months	55.00	\$15.55	\$5.54	\$1.50	\$0.35	\$0.00	\$1.51	\$0.00	\$0.00	\$0.00	\$0.00	\$24.45	\$32.22
4th 6 months	60.00	\$16.96	\$5.54	\$1.50	\$0.35	\$0.00	\$1.65	\$0.00	\$0.00	\$0.00	\$0.00	\$26.00	\$34.48
5th 6 months	65.00	\$18.38	\$5.54	\$1.80	\$0.35	\$0.00	\$1.79	\$0.00	\$0.00	\$0.00	\$0.00	\$27.86	\$37.04
6th 6 months	70.00	\$19.79	\$5.54	\$1.80	\$0.35	\$0.00	\$1.93	\$0.00	\$0.00	\$0.00	\$0.00	\$29.41	\$39.30
7th 6 months	75.00	\$21.20	\$5.54	\$2.50	\$0.35	\$0.00	\$2.06	\$0.00	\$0.00	\$0.00	\$0.00	\$31.65	\$42.25
8th 6 months	80.00	\$22.62	\$5.54	\$2.50	\$0.35	\$0.00	\$2.20	\$0.00	\$0.00	\$0.00	\$0.00	\$33.21	\$44.51

Special Calculation Note : Apprentice pay based on percentage of above appropriate classification.

Ratio :

1 Apprentice to 1 Journeyman

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, PORTAGE*, SUMMIT*

Special Jurisdictional Note : Portage & Summit North of the East-West Turnpike.

Details :

Painter Bridge Class 1 is Defined as; Bridge Painter, Rigger, Containment Builder

Application of Catalytic materials under class 3 hazardous per MSDS - .65 per hour above the Job Classification basic hourly rate.

Application of Catalytic materials under class 4 hazardous per MSDS - 1.00 per hour above the Job Classification basic hourly rate.

Prevailing Wage Rate Skilled Crafts

Name of Union: Pipefitter Local 120

Change # : LCN2-2014fbLoc120

Craft : Pipefitter Effective Date : 05/01/2014 Last Posted : 04/30/2014

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Pipefitter	\$35.69	\$10.45	\$8.53	\$0.64	\$0.00	\$2.00	\$0.40	\$0.00	\$0.00	\$57.71	\$75.56
Apprentice	Percent										
1st year	47.97	\$17.12	\$0.00	\$0.00	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$17.76	\$26.32
2nd year	44.61	\$15.92	\$10.15	\$4.92	\$0.64	\$0.00	\$0.00	\$0.40	\$0.00	\$32.03	\$39.99
3rd year	52.59	\$18.77	\$10.15	\$4.92	\$0.64	\$0.00	\$0.00	\$0.40	\$0.00	\$34.88	\$44.26
4th year	68.60	\$24.48	\$10.15	\$4.92	\$0.64	\$0.00	\$0.00	\$0.40	\$0.00	\$40.59	\$52.84
5th year	76.58	\$27.33	\$10.15	\$4.92	\$0.64	\$0.00	\$0.00	\$0.40	\$0.00	\$43.44	\$57.11

Special Calculation Note : OTHER IS :SUPPLEMENTAL UNEMPLOYMENT BENEFITS

Ratio :

- 1-2 Journeymen to 1 Apprentice per project
- 3-4 Journeymen to 2 Apprentices per project
- 5-8 Journeymen to 3 Apprentices per project
- 3 to 1 on jobs with 9 or more journeymen

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA*, SUMMIT*

Special Jurisdictional Note : Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of State Route 18 and Smith Road and including work within the corporate limits of the City of Medina.

Details : Under pipefitter duties shall include - steam and hot water heating boilers and related controls such as automatic feedwater and low water cut-offs, safety relief valves and gas trains; steam regulators, traps, steam valves, steam heaters, steam and hot water heating coils; feedwater lines to boilers, condensate pumps, condensate tanks and related piping to boilers, expansion tanks and controls on hot water heating systems; refrigeration and air conditioning systems that are separate from one another and are connected through piping; install, piping for heating and cooling devices; piping, pumps and controls on the fluent water system in water treatment plants; hose cabinets and automatic fire sprinkler systems; underground water supply piping and devices; all fire stopping of piping systems; to operate a pipe cutting machine, to thread pipe by machine or hand dies; to do oxyacetylene and electric welding on iron and steel pipes when required; to perform other tasks when assigned.

Prevailing Wage Rate Skilled Crafts

Name of Union: Plumber Local 55

Change # : LCN0-2014fbLoc55Plum

Craft : Plumber Effective Date : 05/21/2014 Last Posted : 05/21/2014

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Plumber	\$34.60	\$9.50	\$9.35	\$1.02	\$0.00	\$0.50	\$0.55	\$0.00	\$0.00	\$55.52	\$72.82
Yard Piping	\$22.94	\$6.88	\$1.85	\$0.56	\$0.00	\$0.50	\$0.55	\$0.00	\$0.00	\$33.28	\$44.75
Apprentice Initiated BEFORE 5/1/10											
2nd year	\$19.49	\$6.40	\$1.91	\$0.85	\$0.00	\$0.50	\$0.55	\$0.00	\$0.00	\$29.70	\$39.44
3rd year	\$21.95	\$6.50	\$2.61	\$0.95	\$0.00	\$0.50	\$0.55	\$0.00	\$0.00	\$33.06	\$44.03
4th year	\$24.66	\$6.50	\$2.66	\$0.95	\$0.00	\$0.50	\$0.55	\$0.00	\$0.00	\$35.82	\$48.15
5th year	\$27.06	\$6.83	\$2.66	\$1.05	\$0.00	\$0.50	\$0.55	\$0.00	\$0.00	\$38.65	\$52.18
Apprentice Initiated AFTER 5/1/10											
	Percent										
1-6 Months	35.98	\$12.45	\$5.71	\$0.00	\$0.90	\$0.00	\$0.00	\$0.00	\$0.00	\$19.06	\$25.28
7-12 Months	41.80	\$14.46	\$5.76	\$0.16	\$0.95	\$0.00	\$0.00	\$0.55	\$0.00	\$21.88	\$29.11
2nd year	43.58	\$15.08	\$6.36	\$1.76	\$0.95	\$0.00	\$0.00	\$0.55	\$0.00	\$24.70	\$32.24
3rd year	49.03	\$16.96	\$6.36	\$2.56	\$0.95	\$0.00	\$0.00	\$0.55	\$0.00	\$27.38	\$35.87
4th year	55.58	\$19.23	\$6.41	\$2.56	\$0.95	\$0.00	\$0.50	\$0.55	\$0.00	\$30.20	\$39.82
5th year	62.63	\$21.67	\$6.78	\$2.56	\$0.95	\$0.00	\$0.50	\$0.55	\$0.00	\$33.01	\$43.84

Special Calculation Note : OTHER IS: SUPPLEMENTAL UNEMPLOYMENT

Ratio :

1 Apprentice for the first steadily employed journeyman, and thereafter 1 Apprentice for every 2 steadily employed journeymen

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA*, SUMMIT*

Special Jurisdictional Note : Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of Route 18 and Smith Road and the corporate limits of the City of Medina.

Details :

The Plumber Shopman will have charge of the Employer's shop and warehouse containing plumbing and heating supplies and equipment, and perform such duties as are customarily required by a Plumber or a Plumber's Shopman, including casual delivery of tools and equipment necessary for installation of Plumbing and Heating facilities.

Prevailing Wage Rate Skilled Crafts

Name of Union: Truck Driver HevHwy 436

Change # : CN02-2009Loc436

Craft : Truck Driver Effective Date : 05/29/2009 Last Posted : 05/29/2009

Classification	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Truck Driver - Straight and Dump Trucks including Asphalt-Straight Fuel - Warehousemen-Straight Fuel	\$25.60	\$4.80	\$5.55	\$0.00	\$0.00	\$0.00	\$0.00			\$35.95	\$48.75
Semi Fuel-Semi Tractor Drivers-Darts-Tank Asphalt Spreaders-Low Boys	\$26.10	\$4.80	\$5.55	\$0.00	\$0.00	\$0.00	\$0.00			\$36.45	\$49.50
Carryall Drivers-Rockers- Hiliifts-Forklifts-Xtra long Trailers etc.	\$26.10	\$4.80	\$5.55	\$0.00	\$0.00	\$0.00	\$0.00			\$36.45	\$49.50

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

Jurisdiction (* denotes special jurisdictional note) :

CUYAHOGA, LAKE, GEAUGA

**Special Jurisdictional Note :
Details :**

Euclids include: Darts, Tank, Asphalt Spreaders, Low Boys, Carry-All Drivers, Tourna-Rockers, High-Lifts, Fork-Lifts, Extra Long Trailers and Semi-Tractor and Tri-Axle Trailer, Tandem Tractor and Tandem Trailer, Tandem Trailer and Tri-Axle Trailer, Tag Along Trailer, Expandable Trailers or towing requiring road permits. Ready-Mix (Agitator or non-agitator) Bulk Concrete Drivers, dry Batch Trucks, Articulated End Dump, Bus Drivers.

Holiday Pay = 7 holidays X (8 hours X BHR)/2080 hours per year.

This pay is only for those employee's who started driving before 1976.

To be eligible to receive holiday pay an employee must have worked at least one (1) day in the period fourteen (14) calendar days prior to the holiday and/or in the fourteen (14) day calendar period after the holiday.