

TABLE OF CONTENTS

SECTION I - SPECIAL INFORMATION FOR BIDDERS	3
SECTION II – OFFER TO CONTRACT	5
SECTION III - CONTRACTOR'S BID FORMS	10
SECTION IV - CONTRACTOR'S CONTRACT FORMS	15
SECTION V - SPECIAL CONDITIONS	20
SECTION VI - SPECIAL PROVISIONS AND NOTICE TO BIDDERS.....	21
SECTION VII – PREVAILNG WAGES	34
ATTACHMENT A – SIDEWALK RAMP DETAIL.....	63
ATTACHMENT B – STATE OF MICHIGAN.....	64

**CITY OF BATTLE CREEK, MICHIGAN
 NOTICE OF INVITATION FOR BIDS
 2018 LAFAYETTE ST WIDENING
 IFB #2018-065B**

IFB DUE DATE and TIME: April 20, 2018 at 2:00 pm local time (office hours 8-12 and 1-5) **NOTE!** City Hall now has Security on the 1st floor. Please allow extra time to get through Security when dropping off your bid.

BID SUBMITTAL: Bids must be submitted in a sealed envelope with the IFB number, the due date/time and the bidder's name and address clearly indicated on the envelope. Bids must be in the actual possession of the Purchasing Department Room 214, City Hall, 10 N. Division Street, Battle Creek, Michigan 49014 on or prior to the exact time and date indicated above. The prevailing clock shall be www.time.gov. Late bids will not be considered. All bids will be publicly opened and read aloud at the aforementioned address. All interested parties are invited to attend.

PROJECT DESCRIPTION: The City of Battle Creek will accept sealed bids for the 2018 Lafayette St. Widening project. This project consists of removing existing road material down to subgrade and widen new road to match The City of Springfield's road profile.

<p>PRE-BID CONFERENCE: NONE</p>	<p>FUNDING: This project has state funding. All project funding is provided by the City of Battle Creek. None of the CDBG requirements are applicable for this contract.</p>
<p>TECHNICAL QUESTIONS OR SITE VISITATION: Eric Campbell 269-966-3343</p>	<p>PREVAILING WAGES: Required for this project. See attached wage rates at the end of this document. Contractor shall abide by all the requirements set forth in Section 208.09, PREVAILING WAGES ON CITY PROJECTS, of the City's Administrative Code.</p>
<p>COPIES OF IFB and PLANHOLDERS LIST: Engineering Division 150 S. Kendall Battle Creek, MI 49014 269-966-3343</p>	<p>FEE: Non-refundable 0.00 per complete set. (only check or money order made payable to the City of Battle Creek)</p> <p>IFB ISSUE DATE: March 29, 2018</p>
<p>DOCUMENT EXAMINATION: City of Battle Creek, Purchasing Division Dodge Corporation in Kalamazoo, Michigan Builders Exchange in Grand Rapids, Kalamazoo & Lansing, Michigan</p>	<p>ADDENDA: Each addendum will be on file in the Office of the Purchasing Agent. To the extent possible, copies will be mailed to each person registered as having received a set of bid documents. It shall be the bidder's responsibility to make inquiry as to addenda issued. All such addenda shall become a binding part of the contract.</p>
<p>BID BOND: Each bid must be accompanied by a certified check, cashier's check, or standard form bid bond, made payable to the City of Battle Creek, in an amount of not less than five (5%) percent of the base bid submitted. Failure of any accepted bidder to enter into a contract for the work will cause forfeit of the bid security. After contracts for the work have been signed, all bid securities will be returned.</p>	<p>PERFORMANCE/LABOR/MATERIALS BONDS: The accepted bidder will be required to furnish a satisfactory performance bond and labor/materials payment bond, each in an amount equal to 100% of the contract and insurance certificate upon forms acceptable to the City.</p>
<p>BID VALID: Bids may be withdrawn up to the time and date of the bid opening. After the bid opening, bids may not be withdrawn for a period of ninety (90) days thereafter. The City of Battle Creek reserves the right to waive any irregularity or informality in bids, to reject any and/or all bids, in whole or in part, or to award any contract to other than the low bidder, should it be deemed in its best interest to do so.</p>	

SECTION I - SPECIAL INFORMATION FOR BIDDERS

1. General Contract Specification

The following sections of the General Contract Specifications BC-19-08, will be applicable for this contract General Instructions to Bidders and General Conditions of City Contracts.

2. Order Of Precedence

The plans and specifications shall be considered to be one complete document and what is called for in one shall be considered as being called for in all. In the event that there is a conflict between the parts, the following order of precedence shall govern:

Addenda to bidding documents
The Contract Drawings
The Contract Special Provisions
The Contract Special Instructions
The Contract Special Conditions
The City of Battle Creek General Contract 19-08

3. Special Conditions

The purpose of Special Conditions, Special Instructions, and Project Specifications are to change, delete, clarify or add to General Conditions, General Instructions or General Specifications found in GENERAL CONTRACT SPECIFICATIONS BC 19-08, issued 1998. Only those items addressed in Special Conditions, Special Instructions, or Project Provisions are affected. All other conditions in General Conditions, General Instructions and General Specifications still apply. Special Conditions, Special Instructions, Project Specifications, supersedes General Conditions, General Instructions and General Specifications, and in all cases shall take precedence.

4. Registration Requirements for Contractors

All bidders, including General Contractors and Specialty Contractors, shall hold or obtain such Contractors or Business Licenses as required State and Local statutes.

5. Currency

Prices calculated by the bidder shall be stated in U.S. dollars.

6. Unit Price

When the Bid for the work is to be submitted on a unit price basis, unit price Bids will be accepted on all items of work set forth in the Bid, except those designated to be paid for as a lump sum. The estimated of quantities of work to be done is tabulated in the Bid and although stated with as much accuracy as possible, are approximate only and is assumed solely for the basis of calculation upon which the award of Contract shall be made. Payment to the Contractor will be made on the measurement of the work actually performed by the Contractor as specified in the Contract Documents. Unit prices will prevail in event of discrepancy and in bid tabulations.

7. Liquidated Damages

Failure of the Contractor to complete the work within the time allowed will result in damages being sustained by the City. Such damages are, and will continue to be, impracticable and extremely difficult to determine. Unless otherwise provided in the Special Conditions, the Contractor will pay to the City for the liquidated damages and not as penalty six hundred dollars (\$600.00) for each calendar day of delay in finishing the work in excess of the time specified for completion, plus any Contractor will pay the City for the liquidated damages herein before mentioned are in lieu of the actual damages arising from such breaches of this contract; which said sums the City shall have the right to deduct from any monies in its hands, otherwise due, or to become due, to said Contractor or to sue for and recover compensation or damages for non performance of this Contract at the time stipulated herein and provided for. The attention of bidders is directed to the provisions and the General Conditions of contract requiring the Contractor to pay for all excess cost of field engineering and inspection as therein defined.

8. Listing of Subcontractors

Failure to list subcontractors and major suppliers, where feasible, may be cause for rejection of the Bidder's Bid as non-responsive.

9. Non-collusion:

By signing the Offer to Contract, the bidder, by its officers and authorized agents or representatives present at the time of filing this bid, being duly sworn on their oaths say, that neither they nor any of them have in any way, directly or indirectly entered into any arrangement or agreement with any other bidder or with any public officer of such City of Battle Creek, Michigan, whereby such affidavit or affiants or either of them has paid or is to pay to such other bidder or public officer any sum of money, or has given or is to give to such other bidder or public officer anything of value whatever, or such affidavit or affiants or either of them has not directly or indirectly, entered into any arrangement or agreement with any other bidder or bidders, which tends to or does lessen or destroy free competition in the letting of the contract sought for by the attached bids, that no inducement of any form or character other than that which appears on the face of the bid will be suggested, offered, paid or delivered to any person whomsoever to influence the acceptance of the bid or awarding of the contract, nor has this bidder any agreement or understanding of any kind whatsoever, with any person whomsoever to pay, deliver to, or share with any other person in any way or manner, any of the proceeds of the contract sought by this bid.

10. Contractor's Insurance

a. The Contractor shall at the time of execution of this contract, file with the City the Certificate of Insurance, which shall cover all of his insurance as required herein, including evidence of payment of premiums thereon, and the policy or policies or insurance covering said City and their officers, agents and employees. Each such policy and certificate shall be satisfactory to the City. Nothing contained in these insurance requirements is to be construed as limiting the extent of the Contractor's responsibility for payment of damages resulting from his operations under this Contract. The contractor shall maintain insurances in force at all times during the term of this agreement at the minimum amounts and types as indicated.

<u>Coverage Afforded</u>	<u>Limits of Liability</u>
Workers' Compensation:	\$ 100,000 or statutory limit
Commercial General Liability: Bodily Injury	\$1,000,000 each occurrence
(including XCU if appropriate) Property Damage	\$1,000,000 each occurrence
	or Combined Single Limit \$2,000,000
Automobile Liability: Bodily Injury	\$ 300,000 each person
	Liability \$ 500,000 each occurrence
	Property Damage \$ 500,000
	or Combined Single Limit \$ 500,000

The City of Battle Creek shall be listed as an **additional insured on general liability coverage**, and shall be provided with a Certificate of Insurance that reflects this additional insured status. A 30-day notice of cancellation or material change shall be provided to the City and so noted on the Certificate of Insurance. All certificates and notices shall be sent to City of Battle Creek, 10 N. Division, Suite 214, Battle Creek, MI 49014.

11. Vendor Evaluation: Experience with the City shall be taken into consideration when evaluating responsibility of the vendor.

12. Permits: Contractor shall secure all necessary permits to complete the work as described in this IFB. These costs shall be included in the bid price.

13. Michigan Constitutional Requirement:

a). Notwithstanding any provision in this Contract to the contrary, and in accordance with Article I, Section 26 of the Michigan Constitution as adopted by the electorate November 7, 2006, the City and its general contractors shall not discriminate against, or grant preferential treatment to, any individual or group on the basis of race, sex, color, ethnicity, or national origin in the operation of this Contract.

b). This section shall not prohibit any action that must be taken to establish or maintain eligibility for any federal program if ineligibility would result in a loss of federal funds in connection with this Contract, nor shall this section be interpreted as prohibiting bona fide qualifications based on sex that are reasonable necessary to the execution of this Contract.

c). In the event of conflict between any term of this Contract and this section, the language of this section shall control.

d) "Any party bringing a legal action or proceeding against any other party arising out of or relating to this Agreement or the transactions it contemplates shall bring the legal action or proceeding: (i) in the United States District Court for the Western District of Michigan; or (ii) in any court of the State of Michigan sitting in Calhoun County, if there is no federal subject matter jurisdiction."

SECTION II – OFFER TO CONTRACT

DATE: _____

NAME OF BIDDER: _____

BUSINESS ADDRESS: _____

To: The City of Battle Creek, Michigan

The undersigned, as Bidder, declares that the only person or parties interested in this bid as principals are those named herein; that this bid is made without collusion with any person, firm or corporation; that he has carefully examined the location of the proposed work, the proposed forms of Agreement and Bonds, and the Contract Drawings and Specifications for the above designated work, all other documents referred to or mentioned in the Contract Documents, the Contract Drawings and Specifications, including Addenda issued thereto; and he proposes and agrees if this bid is accepted that he will contract with the City of Battle Creek, Michigan, in the form of the copy of the Agreement included in these Contract Documents, to provide all necessary machinery, tools, apparatus, and other means of construction, including utility and transportation services necessary to do all the work and furnish all materials and equipment specified or referred to in the Contract Documents, in the manner and time therein prescribed and according to the requirements of the City of Battle Creek, Michigan, as therein set forth and to furnish the Contractor's Bonds and Insurance, and to do all other things required of the Contractor by the Contract Documents, and that he will take in full payment therefore the sums set forth BELOW;

A bid must be made on each item with no qualifying statement(s). Bidder acknowledges that quantities are not guaranteed and final payment will be based on actual quantities determined as provided in the Contract Documents. All specific cash allowances are included in the prices set forth below and have been computed in accordance with the Contract Documents.

Acknowledgement of addenda: _____; _____; _____; _____; _____; _____

PRICE PAGE

2018-065B LAFAYETTE ST WIDENING

Pay Item	DESCRIPTION	EST. QTY.	UNITS	UNIT PRICE	EXTENDED AMOUNT
1500001	Mobilization, Max 10%	1	LSUM		
2040020	Curb and Gutter, Rem	75	Ft		
2040055	Sidewalk, Rem	30	Syd		
2047011	_ Pavt, Rem, Modified	3,150	Syd		
2050041	Subgrade Undercutting, Type II	50	Cyd		
2057002	_ Machine Grading, Modified	11	Sta		
2090001	Project Cleanup	1	LSUM		
3020008	Aggregate Base, 3 inch	1,965	Syd		
3020022	Aggregate Base, 9 inch	3,250	Syd		
3070125	Shoulder, CI II, 3 inch	475	Syd		
4010012	Culv End Sect, 12 inch	8	Ea		
4010607	Culv, CI F, 12 inch	170	Ft		
5010025	Hand Patching	2	Ton		
5010031	HMA, 3C	585	Ton		
5010703	HMA, LVSP	605	Ton		
6020017	Conc Base Cse, Nonreinf, 7 inch	17	Syd		
8020038	Curb and Gutter, Conc, Det F4	75	Ft		
8030010	Detectable Warning Surface	10	Ft		
8030036	Sidewalk Ramp, Conc, 6 inch	270	Sft		
8070095	Post, Mailbox	3	Ea		

8100371	Post, Steel, 3 lb	104	Ft		
8100404	Sign, Type IIIA	50.5	Sft		
8110049	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	6.0	Ea		
8110058	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	6	Ea		
8110197	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	90	Ft		
8110218	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	32	Ft		
8110231	Pavt Mrkg, Waterborne, 4 inch, White	2,100	Ft		
8110232	Pavt Mrkg, Waterborne, 4 inch, Yellow	2,060	Ft		
8120010	Barricade, Type III, High Intensity, Double Sided, Furn	10	Ea		
8120011	Barricade, Type III, High Intensity, Double Sided, Oper	10	Ea		
8120140	Lighted Arrow, Type C, Furn	2	Ea		
8120141	Lighted Arrow, Type C, Oper	2	Ea		
8120170	Minor Traf Devices	1	LSUM		
8120250	Plastic Drum, High Intensity, Furn	50	Ea		
8120251	Plastic Drum, High Intensity, Oper	50	Ea		
8120350	Sign, Type B, Temp, Prismatic, Furn	300	Sft		
8120351	Sign, Type B, Temp, Prismatic, Oper	300	Sft		
8167011	_ Turf Establishment, Special	1,200	Syd		

TOTAL BASE BID \$ _____

Engineer's Estimate

Project Number: 2018-065B	Location: Lafayette St. between Angell and Springfield City Limits	Total
	Total:	\$203,341.75
		Contract Total: \$203,341.75

BID CONDITIONS

It is expressly understood and agreed that the total base bid as reflected on the attached Bidding Schedule is the basis for establishing the amount of the bid security on this bid and that this total base bid is not to be construed a Lump Sum Bid. It is further understood that quantities in the Bidding Schedule for unit price items are approximate only, and that payment of a contract will be made only on the actual quantities or work completed in place, measured on the basis defined in the General Provisions, Contract Specifications or other Contract Documents.

The undersigned has carefully checked the attached Bidding Schedule against the Contract Drawings and Specifications and other Contract Documents before preparing this Bid and accepts the said quantities to be substantially correct, both as to classification and amount, and as correctly listing the complete work to be done in accordance with the Contract Drawings, Specifications and other Contract Documents.

BID SECURITY

Accompanying this bid is a _____ in the amount of five percent (5%) or _____ Dollars (\$_____). The total amount of bid security is based on the total base bid of this Bid.

COMPLETION

If awarded a contract under this Bid, the undersigned agrees to start work at the site June 1, 2018. The undersigned further agrees to complete the project by August 31, 2018.

LIQUIDATED DAMAGES

Liquidated damages of \$600.00 per calendar day will be assessed for failure to meet any deadline, as noted in the Project Specifications.

BIDDER'S SIGNATURE: Complete the applicable paragraph below.

I certify, under penalty of perjury, that I have the legal authorization to bind the firm hereunder, and that our firm is not debarred from doing business under the Federal Excluded Parties List System (epls.gov).

I, the Contractor or Contractor's legally authorized signer, further certify compliance with the City of Battle Creek Ordinance Chapter 214, Discrimination Prohibited. I further acknowledge and agree that the Contractor's violation of Chapter 214 shall be a material breach of this contract. In addition, Contractor acknowledges and agrees that it shall be liable for any costs or expenses incurred by the City in obtaining from other sources, the work and services to be rendered or performed or the goods or properties to be furnished or delivered to the City under the contract as a result of a material breach in the Contract for violations of Chapter 214.

(a) Corporation

The bidder is a corporation organized and existing under the State of _____, which operates under the legal name of _____, and the full names of its officers are as follows:

President: _____
Secretary: _____
Treasurer: _____
Manager: _____

(b) Co-Partnership

The bidder is a co-partnership consisting of individual partners whose full names are as follows:

(c) Individual

The bidder is an individual whose full name is _____ and, if operating under a trade name, said trade name is _____.

NAME: _____
ADDRESS: _____
CITY & STATE: _____

THIS BID OFFERED BY:

SIGNATURE: _____
NAME: _____
TITLE: _____
PHONE: _____
FAX: _____
EMAIL: _____

(SEAL)

Subscribed and sworn to before me this ____ day of _____, 2018.

Notary Public
County of _____
Commission Expires: _____

SECTION III - CONTRACTOR'S BID FORMS
THESE FORMS MUST BE RETURNED WITH THE BID

TABLE OF CONTENTS

CONTRACTOR'S BID BOND
CORPORATION CERTIFICATE
SUBCONTRACTOR AND DBE FORM
STATEMENT OF EXPERIENCE OF BIDDERS

CONTRACTOR'S BID BOND

KNOW ALL MEN BY THESE PRESENTS, That we, _____, (hereinafter called the "Principal"), and _____ (hereinafter called the "Principal"), and _____ hereinafter called the "Surety"), a corporation chartered and existing under the laws of the State of _____, with its principal offices in the City of _____ and authorized to do business in the State of Michigan, are held and firmly bound unto the City of Battle Creek (hereinafter called the "Owner"), in the full and just sum of _____ Dollars (\$ _____) good and lawful money of the United States of America, to be paid upon demand of the Owner, to which payment well and truly to be made, the Principal and Surety bind themselves, their heirs, executors, administrators, and assigns, jointly and severally and firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted to the Owner, a Bid for furnishing all labor, materials, equipment and incidentals necessary to complete this contract.

WHEREAS, the Principal desires to file this bond in accordance with law, in lieu of a certified bidder's check otherwise required to accompany this Bid.

NOW, THEREFORE: The conditions of this obligation are such that if the Bid be accepted, the Principal shall, within ten (10) days after the date of receipt of a written notice of award of contract, execute a contract in accordance with the Bid and upon the terms, conditions and price(s) set forth therein, of the form and manner required by the Owner, and execute a sufficient and satisfactory contract performance bond payable to the Owner, and in an amount of One Hundred Percent (100%) of the total contract price in the form and with security satisfactory to said Owner, then this obligation to be void; otherwise to be and remain in full force and virtue in law; and the Surety shall, upon failure of the Principal to comply with any or all of the foregoing requirements within the time specified above, immediately pay to the aforesaid Owner, upon demand, the amount hereof in good and lawful money of the United States of America, not as a penalty but as liquidated damages.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and sealed this _
___ day of _____, 2018.

Principal

By: _____
(Seal)

Surety

By: _____
(Seal)

Countersigned: _____

CERTIFICATE TO BE EXECUTED

IF

CONTRACTOR IS A CORPORATION

I, _____, certify that I am the _____ of the Corporation named as Contractor hereinabove; that _____ who signed the foregoing Agreement on behalf of the Contractor was then the _____ of said Corporation; that said Agreement was duly signed for and in behalf of said Corporation by authority of its governing body and is within the scope of its corporate powers.

(Corporate Seal)

SUBCONTRACTOR AND DBE FORM – submit with bid

I. YOUR FIRM'S BACKGROUND:

Is your firm an MBE (at least 51% minority ownership)? YES NO

Is your firm a WBE (at least 51% woman ownership)? YES NO

Are you subcontracting any part of this project? YES NO

II. SUBCONTRACTING INFORMATION: If subcontracting any part of the project, the bidder/contractor expressly agrees that:

- (1) If awarded a contract as a result of this bid, the major subcontractors used in the prosecution of the work will be those listed below, and
- (2) The following list includes all subcontractors who will perform work representing approximately five percent (5%) or more of the Total Base Bid.
- (3) The Bidder represents that the subcontractors listed below are financially responsible and are qualified to do the work required.

SUBCONTRACTOR NAME	City/State	Trade or Commodity	MBE	WBE	Approximate dollar value
_____	_____	_____	Y/N	Y/N	\$ _____
_____	_____	_____	Y/N	Y/N	\$ _____
_____	_____	_____	Y/N	Y/N	\$ _____
_____	_____	_____	Y/N	Y/N	\$ _____
_____	_____	_____	Y/N	Y/N	\$ _____
_____	_____	_____	Y/N	Y/N	\$ _____
_____	_____	_____	Y/N	Y/N	\$ _____
_____	_____	_____	Y/N	Y/N	\$ _____

III. DBE RECRUITMENT ACTIVITY LOG: List the MBE's and WBE's that were approached about being a subcontractor for this job, but who are NOT listed above as a subcontractor.

NAME OF FIRM APPROACHED, BUT NOT USED ON THIS PROJECT	City/State	Trade or Commodity	MBE	WBE	Reason not used on this project
_____	_____	_____	Y/N	Y/N	_____
_____	_____	_____	Y/N	Y/N	_____
_____	_____	_____	Y/N	Y/N	_____
_____	_____	_____	Y/N	Y/N	_____

STATEMENT OF EXPERIENCE OF BIDDER

The Bidder shall state below the work of similar magnitude or character that he has done, and shall give references that will enable the City of Battle Creek to judge his experience, skill and business standing and of his ability to conduct the work as completely and as rapidly as required under the terms of this contract.

PROJECT AND LOCATION

REFERENCES (include name and phone number)

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

(9)

SECTION IV - CONTRACTOR'S CONTRACT FORMS

THESE FORMS WILL BE REQUIRED FOR AWARD

CONTRACT FORM

PERFORMANCE BOND

LABOR AND MATERIAL BOND

CONTRACT FORM
CONTRACT NO. #2018-065B
2018 LAFAYETTE ST WIDENING

THIS AGREEMENT, made and entered into this _____ day of _____, 2018, by and between _____ hereinafter called the "Contractor" and the City of Battle Creek, hereinafter called the "Owner."

WITNESSETH: In consideration for the mutual covenants hereinafter stated, the parties agree for themselves, their personal representatives, successors, assigns as follows:

I. The Contractor promises and agrees:

A. To furnish all materials, construction water, equipment, tools, dewatering devices, skill and labor of every description necessary or reasonable incidental to carrying forth and completing in good, firm, substantial and workmanlike manner, the work specified, in strict conformity with the true intent of the NOTICE TO BIDDERS, SPECIAL INSTRUCTIONS, GENERAL INSTRUCTIONS, BID, SPECIAL CONDITIONS, GENERAL CONDITIONS, AGREEMENT, BONDS, GENERAL SPECIFICATIONS, and Project Specifications, and other contract documents and addenda thereto, which are hereby made a part hereof as fully and to the same effect as though they had been set forth at length herein.

B. To commence work under this contract on or before a date to be specified by the owner in a written Notice to Proceed and complete the project by the date specified in Bid.

C. Requirements for a specific trade or contract will generally be described in that portion of the specifications or drawings related to that trade or contract. Such requirements may, however, be described in other sections of the Contract Documents. The Contractor will be held responsible for having carefully examined all drawings and read all requirements of the specifications and all Contract Documents to avoid omissions or duplications and to insure a complete job.

D. The Contractor must be fully informed about conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of his obligation to furnish all material and labor necessary to carry out the provisions of his contract.

E. Any claim by the Contractor of an inability to meet any requirement set forth in the Contract Documents, or that any requirement of these documents is impractical or unreasonable, will not be recognized, unless the claim was made at the time his Bid was submitted, and specific provision is made for such claim in the Agreement between Owner and Contractor (Bid and Agreement).

F. Warranty: Contractor shall remove and replace at no additional cost to the City any defects in workmanship or materials that may be apparent or may develop within a period of one (1) year from the date of final acceptance.

G. NON-DISCRIMINATION CLAUSE: The bidder agrees not to discriminate against any employee or applicant for employment, to be employed in the performance of such contract with respect to hire tenure, terms, conditions or privileges, of employment, or any matter directly or indirectly related to employment because of his or her actual or perceived race, color, religion, national origin, sex, age, height, weight, marital status, physical or mental disability, family status, sexual orientation, or gender identity. Breach of this covenant may be regarded as a material breach of the contract as provided for in Act 220 and Act 453 of the Public Acts of 1976, as amended, entitled "Michigan Handicapper's Civil Rights Act" and/or the "Michigan Elliott Larson Civil Rights Act" and/or City of Battle Creek Chapter 214 "Discrimination Prohibited" Ordinance. The bidder further agrees to require similar provisions from any subcontractors, or suppliers. The bidder agrees to comply with the Executive Order 11246 of September 24, 1965, entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967, as supplemented in Department of Labor regulations (41 CFR, Chapter 60).

II. The Owner promises and agrees:

A. To pay the Contractor for said work when completed in accordance with the provisions of these contract documents, and for the contract sum of: _____ dollars (\$ _____).

Payment for work is subject to additions provided therein and for the authorized work complete in place and accepted by the Owner or its authorized representatives.

III. It is further understood and agreed between the parties hereto as follows:

A. The said work is to be done in accordance with the laws of the State of Michigan to the entire satisfaction and approval of the Owner or its duly authorized representatives.

B. The decision of said Owner's authorized representative upon any questions connected with the execution of this Agreement or any failure or delay in the prosecution of the work by said Contractor shall be final and conclusive.

C. If, at any time after the execution of the Agreement and the Bond for its faithful performance, the Owner shall deem the surety or sureties then upon said bond to be unsatisfactory or, if, for any reason said bond shall cease to be adequate security for the performance of the work, the Contractor shall, at his expense, within fifteen (15) calendar days after receipt of written notice from the Owner to do so, furnish an additional bond or bonds in such form and amount and with such surety or sureties as shall be satisfactory to the Owner. In such event, no further payment to the Contractor shall be deemed to be due under this Agreement until such new or additional security for the faithful performance of the work shall be furnished in a manner and form satisfactory to the Owner.

D. VENUE: Any party bringing a legal action or proceeding against any other party arising out of or relating to this Agreement or the transactions it contemplates shall bring the legal action or proceeding:

- (i) in the United States District Court for the Western District of Michigan; or
- (ii) in any court of the State of Michigan sitting in Calhoun County, if there is no federal subject matter jurisdiction.

E. GOVERNING LAW: This agreement shall be enforced under the laws of the State of Michigan. Contractor must comply with all applicable federal, state, county, and City laws, ordinances, and regulations. Contractor shall ensure payment of all taxes, licenses, permits, and other expenses of any nature associated with the provision of services herein. Contractor shall maintain in current status all Federal, State and Local licenses and permits required for the operation of the business conducted by the Contractor.

IN WITNESS WHEREOF, the said parties have hereunto set their hands and affixed their seals, the day and year first above written.

STATE OF MICHIGAN)
) ss
COUNTY OF CALHOUN)

SIGNED, SEALED, AND
EXECUTED BY CONTRACTOR:

I certify, under penalty of perjury, that I have the legal authorization to bind the firm hereunder, and that our firm is not debarred from doing business under the Federal Excluded Parties List System (epls.gov):

By: _____

Title: _____

SIGNED, SEALED, & EXECUTED
BY CITY OF BATTLE CREEK

In the Presence of:

Notary Public

CONTRACT FORM APPROVED BY:

City Attorney

City Manager

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that _____, as Principal, and _____, as Surety, are held and firmly bound unto the City of Battle Creek in the full and just sum of _____ Dollars (\$_____) lawful money of the United States of America for the payment of which sum of money well and truly to be made, we bind ourselves, heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract dated the _____ day of _____, 2018 for the _____ complete, as described in the foregoing Bid and Agreement.

NOW THE CONDITIONS OF THIS OBLIGATION ARE SUCH, that if the said Principal shall in all respects well and truly keep and perform the said contract, and shall pay all sums of money due or to become due, for any labor, materials, apparatus, fixtures or equipment furnished for the purpose of constructing the work provided in said contract, and shall defend, indemnify and save harmless said City of Battle Creek against any liens, encumbrances, damages, claims, demands, expenses, costs and charges of every kind except as otherwise provided in said specifications and other Contract Documents arising out of or in relation to the performance of said work and the provisions of said contract, and shall remove and replace any defects in workmanship or materials which may be apparent or may develop within a period of one (1) year from the date of final acceptance, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

And the said Surety, for value received, hereby stipulates and agreed that no change, extension of time, alteration or addition to the terms of the contract or to work to be performed thereunder or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Agreement or to the work or to the specifications.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this _____ day of _____, 2018.

PRINCIPAL ATTEST:

Principal Business Name

Principal Secretary Signature & Seal

Address

Principal Secretary Printed Name

City, State, Zip

Witness of Principal

SURETY ATTEST:

Surety Business Name

BY: _____
Attorney-in-Fact Signature & Seal

Address

Attorney-in-Fact Printed Name

City, State, Zip

LABOR AND MATERIALS BOND

KNOW ALL MEN BY THESE PRESENT, that we, the undersigned, _____, hereinafter called the "Principal," and _____, a corporation organized and existing under the laws of the State of _____, having its principal office at _____, hereinafter called the "Surety," are held and firmly bound unto the City of Battle Creek, hereinafter called the "Owner," for use of any and every person, co-partnership, association or corporation interested in the full and just sum of _____ Dollars (\$_____), lawful money of the United States of America, to be paid to the said obligees or its or their assigns, to which payment well and truly to be made we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents. Sealed with our respective seals and dated this ____ day of _____, 2018.

WHEREAS, the above bounded _____, Principal, has entered into a contract with the City of Battle Creek.

Dated the _____ day of _____, 2018, for the _____.

NOW, THEREFORE, THE CONDITION OF THIS CONDITION IS SUCH, that if the above bounded Principal shall and will promptly pay or cause to be paid all sums of money which may be due any person, co-partnership, association or corporation for all material furnished and labor supplied or performed in the prosecution of the work, whether or not the said material or labor enter into and become component parts of the work or improvement contemplated, then this obligation to be void; otherwise to remain in full force and effect.

The Principal and Surety further jointly and severally agree with the obligee herein that every person, co-partnership, association or corporation who, whether as subcontractor or otherwise, has furnished material or supplied or performed labor in the prosecution of the work as above provided and who has not been paid therefore may sue in assumption on this bond in the name of the Owner for his, their, or its use, prosecute the same to final judgment for such sum or sums as may be justly due him, them, or it, and have execution thereon, provided, however, that the Owner shall not be liable for payment of any costs or expenses of any such suit.

IT IS FURTHER AGREED, that any alterations which may be made in the terms of the contract or in the work to be done or materials to be furnished or labor to be supplied or performed under it or the giving by the Owner or any extension of time for the performance of the contract or any other forbearance on the part of either the Owner or the Principal to the other, shall not in any way release the Principal and Surety or Sureties or either or any of them their heirs, executors, administrators, successors or assigns, from their liability hereunder, notice to the Surety or Sureties of any such alteration, extension or forbearance being hereby waived.

IN WITNESS WHEREOF, the said Principal and Surety have duly executed this bond under the seal and day and year first above written.

ATTEST:

(Seal)

Principal

BY: _____

Surety

BY: _____
Attorney-in-Fact

ATTEST

(SEAL)

SECTION V - SPECIAL CONDITIONS

1. Supplementary Definitions: The following additional definitions supplement the definitions included in the General Contract Specifications BC 19-08, Paragraph I-1 of the General Conditions of Contract:

(a) "Owner" or "City of Battle Creek" or "City" shall mean the City of Battle Creek, MI, acting through the City Commission or any other board official, or officials to which or whom the power belonging to the Commission shall, by virtue of any act or acts thereafter passed are held to appertain.

(b) "Engineer" shall mean the City Engineer, or other persons designated by the City acting directly or through authorized agents.

(c) "Contract Drawings" The drawings applicable to the work to be performed under this contract and that are referred to in this documents as the plans or as the contract drawings.

SECTION VI - SPECIAL PROVISIONS AND NOTICE TO BIDDERS

PAVT, REM, MODIFIED22
MACHINE GRADING, MODIFIED23
TURF ESTABLISHMENT, SPECIAL24
MAINTAINING TRAFFIC25
LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC26
MDOT SPECIFICATION27
STORM WATER REQUIREMENTS28
UTILITY COORDINATION30
HMA APPLICATION RATES31
ELECTRONIC DOCUMENTS32
PROGRESS CLAUSE33

CITY OF BATTLE CREEK
SPECIAL PROVISION
FOR

PAVT, REM, MODIFIED

1 of 1

krt/City of Battle Creek

April, 2012

a. DESCRIPTION

This work shall be per Section 204 of the MDOT 2012 Standard Specifications for Construction with the exception that the pavement between the main line curb and gutter and asphalt driveways will be considered as one entity with no distinction of material type or thickness. Asphalt pavements with underlying materials of concrete, brick, stone, or other pavement composites will be considered as part of the entire pavement entity and removal will be directed by the Engineer within the project limits. This item shall be paid one time only regardless of the types or thicknesses encountered. This item shall also include full depth saw cutting of all edges where pavement is to remain. Saw cutting will be considered part of this item and will not be paid as an extra item.

Disposal of materials shall be per Section 204.03.B 205 of the MDOT 2012 Standard Specifications for Construction.

Main line concrete curb and gutter removal will be paid separately under the Curb and Gutter, Rem pay item.

All removal of drives and concrete sidewalks as shown on the plans will be paid under the Sidewalk, Rem, Modified pay item.

b. MEASUREMENT AND PAYMENT

The completed work as measured will be paid for at the contract unit price for the following contract items (pay items). The price shall be payment in full for furnishing all necessary labor, equipment and materials. No additional payment will be made for pavement depths that vary from those indicated.

Pay Item

Pay Unit

Pavt, Rem, ModifiedSyd

CITY OF BATTLE CREEK
SPECIAL PROVISION
FOR

MACHINE GRADING, MODIFIED

1 of 1

a. DESCRIPTION

The work of "Machine Grading, Modified" shall consist of clearing, salvaging and stockpiling topsoil; as is necessary to construct the proposed cross section; and the furnishing, placing and compacting of backfill required outside of the roadway. The work shall be performed using suitable equipment. All items included under "Machine Grading, Modified" shall be constructed in accordance with Section 205 of the 2012 Standard Specifications for Construction. "Machine Grading, Modified" includes that portion of the project from R.O.W. to R.O.W. and through intersecting crossroads which are in the construction influence area, up to 100' from the mainline centerline, or as shown on the plans. This work includes the grading necessary for all driveway approaches and lawn areas behind the curbs or walks, and shall be graded as shown or as directed by the Engineer. This work shall also include all cutting or filling necessary to achieve the proposed road cross section. Payment for this work will not be covered by any other items, and should be included in the Machine Grading, Modified item. Payment for cutting below the proposed section will be paid separately through the Subgrade Undercutting Item.

"Machine Grading, Modified" shall include all necessary scarifying, plowing, disking, moving, hauling, shaping and compacting the earth to develop the cross section shown on the plans.

All Surplus Material, unless otherwise noted, is the property of the Contractor and will be removed from the site.

b. MEASUREMENT AND PAYMENT

This item shall be paid by the station, with a station including both sides of the road. The completed work as measured will be paid for at the contract unit price for the following contract items (pay items). The price shall be payment in full for furnishing all necessary labor, equipment and materials.

<u>Pay Item</u>	<u>Pay Unit</u>
Machine Grading, Modified	Station

CITY OF BATTLE CREEK
SPECIAL PROVISION
FOR
TURF ESTABLISHMENT, SPECIAL

ESC/City of BC

December, 2016

a. Description

Turf Establishment, Special shall be per Section 816 of the 2012 Standard Specifications for Construction and will include placement of 3 inches topsoil, Chemical Fertilizer Nutrient-Class C, Seeding Mixture TUF, Mulch (straw), and Anchoring Mulch at the specified rates.

The salvaged topsoil material shall be free of rock and wood debris. Visible rocks, roots, branches, and other debris will be removed by the Contractor and considered included with this item. When salvaged topsoil is not suitable or there is not a sufficient amount for establishment, it is the contractor's responsibility to bring screened-topsoil as part of the pay-item.

Payment for watering turf will be not be paid separately, but considered included and necessary in this item to establish the turf once the seed has germinated.

A one-year period of establishment commencing at the completion of the initial planting season will be required for all grass. A growing season is defined as the months of June, July and August. All grass shall be in a healthy growing condition at the start of the establishment period. The Engineer will inspect the grass at the end of the first growing season to determine if grass is unacceptable. Unacceptable grass is defined as being dead, missing, unhealthy, or otherwise unsatisfactory at the time of inspection, or grass that was not planted in conformance with these specifications. At the contractor's cost, replacement grass shall be replanted after September 15 following the initial growing season or prior to May 10 of the following spring planting season. This replacement grass shall remain the responsibility of the general contractor of the original contract with no additional payment.

The Contractor will also be responsible for preparing the topsoil a second time prior to the re-establishment of grass following the initial growing season in any unacceptable areas. This will include complete removal of weeds, raking and leveling the prepared soil along with the removal of any rocks or roots.

b. Measurement and payment

Turf establishment will be paid up to 2 Ft on either side of sidewalk unless agreed upon by the engineer. All work to prepare and place topsoil for the establishment of turf shall be paid at the appropriate contract unit prices for the following contract items (pay items):

<u>Pay Item</u>	<u>Pay Unit</u>
Turf Establishment, Special	Syd

**SPECIAL PROVISIONS
FOR
MAINTAINING TRAFFIC**

1 of 1

DJC/City of BC

February, 2018

DESCRIPTION

Maintaining traffic shall be in accordance with Section 104.7 and 104.11 and 812 of the Michigan Department of Transportation 2012 Standard Specifications for Construction and these Special Provisions. All signing shall conform to the 2011 edition of the Michigan Manual of Uniform Traffic Control Devices (MMUTCD).

Payment for each traffic control device will be made based on the maximum number of each item required at any one time during the life of the project (per section 812.04 of the 2012 Standard Specifications for Construction). Barricade contractor shall provide an invoice to the Engineer, detailing the work performed each time devices are added to or removed from the construction area.

Lane closures with traffic regulators will be allowed for construction operation. No lane closures will be allowed on Sundays or Holidays, unless directed otherwise by the Project Engineer. At all times during construction, the Contractor is responsible for maintaining the traffic during construction and maintaining access to adjoining properties for emergency vehicles, employees, residents and customers. All construction activities are to be done during normal business hours (7 am to 7 pm).

The Construction Influence Area (CIA) will be defined as including the area 500-feet before the POB of the project to a point 500-feet beyond the POE of the project and 500-feet down cross streets. Within the CIA, the Contractor shall provide, erect and maintain barricades, signs and flasher lights and take all necessary precautions for the protection of the public in accordance with the MMUTCD and the 2012 Standard Specifications for Construction, Subsection 104.7 and Section 812, or as directed by the Engineer.

At signalized intersections during milling and paving operations, City of Battle Creek personnel will place signals in flash mode for traffic control purposes, having been given 48 hours' notice before operation.

PAYMENT

All work for Maintaining Traffic shall be paid at the appropriate contract unit prices for the contract items (pay items) per 2012 Specifications.

NOTICE TO BIDDER

LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

krt/City of Battle Creek

August, 2006

DESCRIPTION

Before every construction operation that will substantially affect area residents and businesses adjacent to the project site, (such as driveway closures, mailbox relocation, etc.) the contractor will notify those residents and businesses affected.

Notification will be by door hanger notices. The City will provide preprinted door hanger material to carry the Contractor's message. The responsibility for filling out the door hangers and distributing them will be the Contractor's. Payment for this work will not be paid for separately, but payment will be considered as having been included in the contract unit prices bid for other contract items.

CITY OF BATTLE CREEK,

MDOT SPECIFICATION

NOTICE TO BIDDERS

All work completed within The City of Battle Creek shall be done in accordance with the *2012 Standard Specifications for Construction* of the Michigan Department of Transportation and the following Special Provisions and Supplemental Specifications as included herein. The *2012 Standard Specifications for Construction* of the Michigan Department of Transportation shall govern all technical specifications of this contract.

NOTICE TO BIDDERS

STORM WATER REQUIREMENTS

The City of Battle Creek has a storm sewer system that is separate from its sanitary system. Storm water from the city's system drains directly to local waterways without typically being cleaned. The City of Battle Creek is subject to the requirements of the Phase II Storm Water Regulations (the "Phase II Regulations"), 33 USC 1251, et seq., published by the United States Environmental Protection Agency ("EPA") in the Federal Register on December 8, 1999. One of the requirements is to ensure that contractors performing work for the city be trained in illicit discharges and pollution prevention and good housekeeping. The following are the items each employee performing work for the City of Battle Creek must be trained on by his/her employer prior to work commencing.

a. General Requirements

- Block or add best management practices to storm drains in all construction or project areas prior to any work commencing.
- A Soil Erosion and Sedimentation Control (SESC) permit is required for all sites within 500 feet of a lake, stream, or county drain; or if a site disturbs more than one acre of land. Any sedimentation and erosion control practices shall be well defined and all expectations should be clarified in all projects.
- Clean or rinse all equipment in areas with a secure rinse pad or where wash water will not run off into storm drains or surface waters.
- Inspect equipment daily and repair any leaks. Use drip pans or absorbent materials to contain leaks until repairs are made.
- Implement spill control and clean-up practices for leaks and spills from fueling, oil, or use of hazardous materials. Never allow a spill to enter the storm drain system.
- Use the least hazardous material available for all projects. When the use of hazardous materials is necessary, ensure proper use, storage, and disposal of these materials.
- Protect and maintain as much natural vegetation as possible during the project by phasing the project.
- Properly dispose of all debris and excavated soil material – do not place near storm drains, rivers, streams, wetlands, or any environmentally sensitive areas.
- Minimize water use and control all storm water discharge where possible.
- Schedule activities for dry weather.

b. Illicit Discharges – all illicit discharges and illicit connections

- Illicit discharges means any discharge to, or seepage into, a separate storm sewer that is not composed entirely of storm water or uncontaminated groundwater. Illicit discharges include non-storm water discharges through pipes or other physical connections; the dumping of motor vehicle fluids, household hazardous wastes, domestic animal wastes, or leaf litter; the collection and intentional dumping of grass clippings or leaf litter; or unauthorized discharges of sewage, industrial waste, restaurant wastes, or any other non-storm water waste directly into a separate storm sewer.
- Illicit connection means a physical connection to the MS4 that 1) primarily conveys illicit discharges into the MS4, or 2) is not authorized or permitted by the local authority.

c. Bridge and Stream Crossing

- Use suspended netting or tarps to capture paint, rust, paint-removing agents, or other materials to prevent discharge of materials to surface waters.
- Properly manage concrete slurry produced from diamond grinding, concrete sawing, or drilling activities using as little water as possible. Cover storm drains completely with filter fabric or plastic during the activity and contain the slurry using straw bales, sandbags, or gravel dams around the storm drains. Slurry management for diamond grinding can often be handled on site, such as reusing the solids from the grinding process while the water is infiltrated in the road right-of-way. For sawing and drilling activities, prevent wastewater from entering storm drains and surface by directing it to vegetated areas or vacuuming it for proper disposal.
- Do not use coal tar emulsions to seal asphalt surfaces

d. Managing Vegetated Properties

- Sweep grass clippings and leaves onto turf areas. Do not allow clippings or leaves to go into the City's municipal separate storm sewer system (MS4).
- The Manufactured Fertilizer Ordinance, Ordinance 13-07 – Chapter 650, must be adhered to should any project properties be fertilized.

CITY OF BATTLE CREEK

NOTICE TO BIDDER

UTILITY COORDINATION

The contractor shall cooperate and coordinate construction activities with the owners of utilities as stated in Section 104.07 of the 2012 MDOT Standard Specifications for Construction. In addition, for the protection of underground utilities, the contractor shall follow the requirements in Section 107.12 of the 2012 MDOT Standard Specifications for Construction. Contractor delay claims, resulting from a utility, will be determined based upon Section 109.03 of the 2012 MDOT Standard Specifications for Construction.

PUBLIC UTILITIES

The "Miss Dig" alert number is 800-482-7171. The following Public Utilities have facilities located within the Right-of-Way:

AMERITECH / SBC
(telephone)
2919 Millcork
Kalamazoo, MI 49001
269-384-4490
JEFF SAYLOR

CONSUMER ENERGY CO.
(electric)
311 E. Michigan Ave.
Battle Creek, MI 49017
269-969-8595
MATTHEW KOEPKE

SEMCO ENERGY
(gas)
15851 Helmer Road
Battle Creek, MI 49015
269-420-7458
JULIE CONANT

COMCAST
(cable TV)
350 N. 22nd St.
Battle Creek, MI 49015
269-788-1150
JOE SCHOPT

CITY OF BATTLE CREEK
(Water Division)
150 S. Kendall St.
Battle Creek, MI 49015
269-966-3496
MATTHEW MILLER

CITY OF BATTLE CREEK
(Sewer Division)
2000 W. River Rd.
Battle Creek, MI 49017
269-966-3513
BRYAN CRAWFORD

CITY OF BATTLE CREEK
(Signs and Signals Division)
150 S. Kendall St.
Battle Creek, MI 49015
269-966-3527
JAMES TOBIAS

The owners of the existing service facilities that are within the grading or structure limits will move them, as shown on plans, to locations designated by the Engineer or will move them entirely from the Right-of-Way. Owners of Public Utilities will not be required by the City to move additional poles or structure in order to facilitate the operation of construction equipment unless it is determined by the Engineer that such poles or structures constitute a hazard to the public or are extraordinarily dangerous to the Contractor's operations.

Krt/1-22-18

CITY OF BATTLE CREEK
SPECIAL PROVISION
FOR
HMA APPLICATION RATES

1 OF 1

esc/City of Battle Creek

March, 2018

DESCRIPTION

This work shall be done in accordance with the requirements of Division 5 of the MDOT 2012 Standard Specifications for Construction except as herein specified.

MATERIALS

Lafayette St shall receive a base course of **HMA, 3C**, shall have a yield of 330 pounds per square yard, and placed in lifts with a maximum thickness of **3.0 inches**. The Performance Grade shall be **PG 64-28**.

Lafayette St shall also receive a wearing course of **HMA, LVSP**, shall have a yield of 220 pounds per square yard, and placed in lifts with a maximum thickness of **2.0 inches**. The Performance Grade shall be **PG 58-28**. The air voids for HMA, LVSP shall be **3.5%**.

MEASUREMENT AND PAYMENT

Measurement and Payment shall be at the contract unit price per ton.

NOTICE TO BIDDER
ELECTRONIC DOCUMENTS

cef/City of Battle Creek

March 2018

DESCRIPTION

This project will utilize electronic distribution of plans and specifications. In order to distribute information about the project and any addendums, the bidder is required to contact the City of Battle Creek's Office of the Purchasing Agent to be added to the official bidder list at 269.966.3390.

PROGRESS CLAUSE

Start work on **June 1, 2018**. This shall be the date designated as the starting date in the Detailed Progress Schedule. In no case, shall any work be commenced prior to receipt of formal notice of award by the department.

The entire project shall be completed on **August 31, 2018**. Workdays are considered Monday through Friday per Section 108.06 of the Michigan Department of Transportation 2012 Standard specifications for Construction.

The approved low bidder(s) for the work covered by this proposal will be required to participate in a pre-construction meeting with local agency owner and/or department representatives to work out a Detailed Progress Schedule. The schedule for this meeting will be set within one week after the approved low bidder is determined.

The City of Battle Creek will arrange the time and place for the meeting.

The Progress Schedule shall include, as a minimum, the controlling work items for the completion of the project and the planned dates (or work day for a work day project) that these work items will be controlling operations. When specified in the bidding proposal, the date the project is to be opened to traffic as well as the final project completion date shall also be included in the Detailed Progress Schedule.

If the bidding proposal specifies other controlling dates, these shall also be included in the Progress Schedule.

esc
03/19/18

SECTION VII – PREVAILNG WAGES

State of Michigan

WHPWRequest@michigan.gov

Official Request 94

Requestor: MDOT

Project Resurfacing Lafayette Street from the west Battle Creek city limit to Angell Street

Project Number: MDOT Job Number is 200531

**Official 2018 Prevailing Wage Rate Schedule
 for Parking Lot, Road, Highway, Bridge and Airport Construction**

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 1 of 29

Construction Mechanic Classification		Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
CARPENTERS					
RBCZ1	6/6/2017				
CARPENTERS ZONE 1		\$56.90	\$81.18	X X H X X X H H Y	
Apprentice Rates:					
1ST 6 MONTHS		\$29.71	\$40.40		
2ND 6 MONTHS		\$35.05	\$48.41		
YEAR 2		\$39.90	\$55.68		
YEAR 3		\$44.76	\$62.97		
YEAR 4		\$49.61	\$70.25		

Comment

For all hours worked on Memorial Day, July 4, Labor Day, Thanksgiving Day, Christmas Day and New Years Day, double time is due

County information:

CARPENTERS ZONE 1
 Wayne, Oakland, Macomb, Sanilac, St. Clair, Monroe and the following townships of Livingston County
 Brighton, Deerfield, Genoa, Hartland, Osceola and Tyrone

RBCZ1_CW	6/6/2017				
CARPENTER - CERTIFIED WELDERS ZONE 1		\$58.52	\$83.61	X X H X X X H H Y	

Comment

For all hours worked on Memorial Day, July 4, Labor Day, Thanksgiving Day, Christmas Day and New Years Day, double time is due

County information:

CARPENTERS ZONE 1
 Wayne, Oakland, Macomb, Sanilac, St. Clair, Monroe and the following townships of Livingston County
 Brighton, Deerfield, Genoa, Hartland, Osceola and Tyrone

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 2 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
--------------------------------------	--------------------------	------------------------------	---------------------	---------------

RBCZ1_LH CARPENTER - LOFTSMAN HEIGHTS OVER 150 FT. ZONE 1	6/6/2017	\$58.52	\$83.61	X X H X X X H H Y
--	----------	---------	---------	-------------------

Comment

For all hours worked on Memorial Day, July 4, Labor Day, Thanksgiving Day, Christmas Day and New Years Day, double time is due

County information:

CARPENTERS ZONE 1
 Wayne, Oakland, Macomb, Sanilac, St. Clair, Monroe
 and the following townships of Livingston County
 Brighton, Deerfield, Genoa, Hartland, Osceola and
 Tyrone

RBCZ1_LS CARPENTER - LOFTSMAN & STICKER UNDER 150 FT. ZONE 1	6/6/2017	\$58.12	\$83.01	X X H X X X H H Y
---	----------	---------	---------	-------------------

Comment

For all hours worked on Memorial Day, July 4, Labor Day, Thanksgiving Day, Christmas Day and New Years Day, double time is due

County information:

CARPENTERS ZONE 1
 Wayne, Oakland, Macomb, Sanilac, St. Clair, Monroe
 and the following townships of Livingston County
 Brighton, Deerfield, Genoa, Hartland, Osceola and
 Tyrone

RBCZ1_PD CARPENTER - PILEDRIVER CARPENTERS ZONE 1	6/6/2017	\$60.29	\$86.27	X X H X X X H H Y
--	----------	---------	---------	-------------------

Comment

For all hours worked on Memorial Day, July 4, Labor Day, Thanksgiving Day, Christmas Day and New Years Day, double time is due

County information:

CARPENTERS ZONE 1
 Wayne, Oakland, Macomb, Sanilac, St. Clair, Monroe
 and the following townships of Livingston County
 Brighton, Deerfield, Genoa, Hartland, Osceola and
 Tyrone

Official Request #: 94
 Requestor: MDOT

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 3 of 29

Construction Mechanic Classification		Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
RBCZ2	6/6/2017				
CARPENTERS ZONE 2		\$46.41	\$59.75	X X H X X X H H Y	
Apprentice Rates:					
1ST YEAR		\$35.74	\$43.74		
2ND YEAR		\$38.41	\$47.74		
3RD YEAR		\$41.08	\$51.75		
4TH YEAR		\$42.41	\$53.74		

Comment

SUNDAYS PAID TIME AND ONE HALF
 HOLIDAYS PAID DOUBLE

County information:

CARPENTERS ZONE 2
 The entire state except those counties and townships listed in Zone 1

CEMENT MASONS

RBCMZ1	6/6/2017				
CEMENT MASONS ZONE 1		\$44.53	\$60.00	X X H X X H H H Y	
Apprentice Rates:					
1ST YEAR		\$32.05	\$41.28		
2ND YEAR		\$36.18	\$47.47		
3RD YEAR		\$40.32	\$53.69		

Comment

If only Sat & Sun worked, time and one-half due

County information:

CEMENT MASONS ZONE 1
 Genesee, Oakland, Macomb, Monroe, Washtenaw,
 Wayne, Livingston and Saginaw Counties.

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 4 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
RBCMZ2				
6/6/2017				
CEMENT MASONS ZONE 2	\$43.03	\$57.75		X X H X X H H H Y
Apprentice Rates:				
1ST YEAR	\$31.22	\$40.03		
2ND YEAR	\$35.17	\$45.96		
3RD YEAR	\$39.34	\$52.21		

Comment

If only Sat & Sun worked, time and one-half due

County information:

CEMENT MASONS ZONE 2
 All counties not listed in Zone 1

IRONWORKER

IR-55-MF

10/3/2017

Metal Fence & Guard Rail

\$39.87 \$59.81 \$79.74 H H D H H H H DY

Comment Make up day allowed

Four Tens allowed M-Th. Friday make-up day allowed if M-Th schedule not worked due to weather conditions or holiday.

County information:

Road Builder Lenawee

Road Builder Monroe

Official Request #: 94
 Requestor: MDOT

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018
 Contract must be awarded by: 6/13/2018

Page 5 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBIRZ1 6/14/2016				
IRONWORKERS ZONE 1: Fence, sound barrier and guardrail erection/installation work, and exterior signage	\$35.55	\$47.55	\$59.55	X X H X X X H DY
Apprentice Rates:				
60%	\$25.15	\$32.35	\$39.55	
65%	\$26.45	\$34.25	\$42.05	
70%	\$27.76	\$36.16	\$44.56	
75%	\$29.05	\$38.05	\$47.05	
80%	\$30.35	\$39.95	\$49.55	
85%	\$31.65	\$41.85	\$52.05	

Comment Make up day allowed
 Four 10 hour work days may be worked Monday-Saturday.

County information:
 IRONWORKERS ZONE 1
 Genesee, Oakland, Macomb, Washtenaw and Wayne Counties

RBIRZ2 6/14/2016				
IRONWORKERS ZONE 2: Fence, sound barrier and guardrail erection/installation work, and exterior signage work.	\$31.55	\$41.55	\$51.55	X X H X X X H DY
Apprentice Rates:				
60%	\$22.75	\$28.75	\$34.75	
65%	\$23.85	\$30.35	\$36.85	
70%	\$24.96	\$31.96	\$38.96	
75%	\$26.05	\$33.55	\$41.05	
80%	\$27.15	\$35.15	\$43.15	
85%	\$28.25	\$36.75	\$45.25	

Comment Make up day allowed
 Four 10 hour work days may be worked Monday-Saturday.

County information:
 IRONWORKERS ZONE 2
 The entire state except those counties listed in Zone 1: Genesee, Oakland, Macomb, Monroe, Washtenaw and Wayne and Lenawee

Official Request #: 94
 Requestor: MDOT

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

**Official 2018 Prevailing Wage Rate Schedule
 for Parking Lot, Road, Highway, Bridge and Airport Construction**

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 6 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
LABORERS				
RBLABC1Z1	6/6/2017			
LABORERS CLASS 1 ZONE 1	\$38.89	\$51.76	X X X X X X X	H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$33.24	\$43.28		
1001-2000 WORK HOURS	\$34.37	\$44.98		
2001-3000 WORK HOURS	\$35.50	\$46.68		
3001-4000 WORK HOURS	\$37.76	\$50.06		

County information:

LABORERS ZONE 1
 Genesee, Macomb, Monroe, Oakland, Washtenaw
 and Wayne

RBLABC1Z2	6/6/2017			
LABORERS CLASS 1 ZONE 2	\$36.84	\$48.68	X X X X X X X	H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$31.68	\$40.94		
1001-2000 WORK HOURS	\$32.72	\$42.50		
2001-3000 WORK HOURS	\$33.75	\$44.05		
3001-4000 WORK HOURS	\$35.81	\$47.13		

County information:

LABORERS ZONE 2
 Allegan, Barry, Bay, Berrien, Branch, Calhoun, Cass,
 Clinton, Eaton, Gratiot, Hillsdale, Huron, Ingham,
 Jackson, Kalamazoo, Lapeer, Lenawee, Livingston,
 Midland, Muskegon, Saginaw, Sanilac, Shiawassee,
 St. Clair, St. Joseph, Tuscola, and Van Buren

Official Request #: 94
 Requestor: MDOT

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 7 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLABC1Z3	6/6/2017			
LABORERS CLASS 1 ZONE 3 & 4	\$36.09	\$47.56	X	X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$31.11	\$40.09		
1001-2000 WORK HOURS	\$32.10	\$41.57		
2001-3000 WORK HOURS	\$33.10	\$43.07		
3001-4000 WORK HOURS	\$35.09	\$46.06		

County information:

LABORERS ZONE 3
 Alcona, Alpena, Antrim, Arenac, Benzie, Charlevoix,
 Cheboygan, Clare, Crawford, Emmet, Gladwin, Grand
 Traverse, Ionia, Iosco, Isabella, Kalkaska, Kent,
 Lake, Leelanau, Manistee, Mason, Mecosta,
 Missaukee, Montcalm, Montmorency, Newaygo,
 Oceana, Ogemaw, Osceola, Oscoda, Otsego, Ottawa,
 Presque Isle, Roscommon and Wexford

LABORERS ZONE 4
 Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic,
 Houghton, Iron, Keweenaw, Luce, Mackinac,
 Marquette, Menominee, Ontonagon and Schoolcraft

RBLABC2Z1	6/6/2017			
LABORERS CLASS 2 ZONE 1	\$39.02	\$51.96	X	X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$33.34	\$43.44		
1001-2000 WORK HOURS	\$34.47	\$45.13		
2001-3000 WORK HOURS	\$35.61	\$46.84		
3001-4000 WORK HOURS	\$37.88	\$50.24		

County information:

LABORERS ZONE 1
 Genesee, Macomb, Monroe, Oakland, Washtenaw
 and Wayne

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 8 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLABC2Z2	6/6/2017			
LABORERS CLASS 2 ZONE 2	\$37.04	\$48.98	X	X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$31.84	\$41.18		
1001-2000 WORK HOURS	\$32.88	\$42.74		
2001-3000 WORK HOURS	\$33.92	\$44.30		
3001-4000 WORK HOURS	\$36.00	\$47.42		

County information:

LABORERS ZONE 2
 Allegan, Barry, Bay, Berrien, Branch, Calhoun, Cass,
 Clinton, Eaton, Gratiot, Hillsdale, Huron, Ingham,
 Jackson, Kalamazoo, Lapeer, Lenawee, Livingston,
 Midland, Muskegon, Saginaw, Sanilac, Shiawassee,
 St. Clair, St. Joseph, Tuscola, and Van Buren

RBLABC2Z4	6/6/2017			
LABORERS CLASS 2 ZONES 3 & 4	\$36.30	\$47.88	X	X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$31.26	\$40.31		
1001-2000 WORK HOURS	\$32.27	\$41.83		
2001-3000 WORK HOURS	\$33.28	\$43.35		
3001-4000 WORK HOURS	\$35.29	\$46.36		

County information:

LABORERS ZONE 3
 Alcona, Alpena, Antrim, Arenac, Benzie, Charlevoix,
 Cheboygan, Clare, Crawford, Emmet, Gladwin, Grand
 Traverse, Ionia, Iosco, Isabella, Kalkaska, Kent,
 Lake, Leelanau, Manistee, Mason, Mecosta,
 Missaukee, Montcalm, Montmorency, Newaygo,
 Oceana, Ogemaw, Osceola, Oscoda, Otsego, Ottawa,
 Presque Isle, Roscommon and Wexford

LABORERS ZONE 4
 Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic,
 Houghton, Iron, Keweenaw, Luce, Mackinac,
 Marquette, Menominee, Ontonagon and Schoolcraft

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 9 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLABC3Z1	6/6/2017			
LABORERS CLASS 3 ZONE 1	\$39.20	\$52.23	X X X X X X X	H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$33.47	\$43.63		
1001-2000 WORK HOURS	\$34.62	\$45.36		
2001-3000 WORK HOURS	\$35.76	\$47.06		
3001-4000 WORK HOURS	\$38.05	\$50.50		

County information:
 LABORERS ZONE 1
 Genesee, Macomb, Monroe, Oakland, Washtenaw
 and Wayne

RBLABC3Z2	6/6/2017			
LABORERS CLASS 3 ZONE 2	\$37.28	\$49.34	X X X X X X X	H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$32.02	\$41.45		
1001-2000 WORK HOURS	\$33.07	\$43.03		
2001-3000 WORK HOURS	\$34.12	\$44.60		
3001-4000 WORK HOURS	\$36.23	\$47.77		

County information:
 LABORERS ZONE 2
 Allegan, Barry, Bay, Berrien, Branch, Calhoun, Cass,
 Clinton, Eaton, Gratiot, Hillsdale, Huron, Ingham,
 Jackson, Kalamazoo, Lapeer, Lenawee, Livingston,
 Midland, Muskegon, Saginaw, Sanilac, Shiawassee,
 St. Clair, St. Joseph, Tuscola, and Van Buren

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 10 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLABC3Z3	6/6/2017			
LABORERS CLASS 3 ZONES 3 & 4	\$36.59	\$48.31		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$31.48	\$40.65		
1001-2000 WORK HOURS	\$32.50	\$42.17		
2001-3000 WORK HOURS	\$33.52	\$43.71		
3001-4000 WORK HOURS	\$35.57	\$46.78		

County information:

LABORERS ZONE 3
 Alcona, Alpena, Antrim, Arenac, Benzie, Charlevoix,
 Cheboygan, Clare, Crawford, Emmet, Gladwin, Grand
 Traverse, Ionia, Iosco, Isabella, Kalkaska, Kent,
 Lake, Leelanau, Manistee, Mason, Mecosta,
 Missaukee, Montcalm, Montmorency, Newaygo,
 Oceana, Ogemaw, Osceola, Oscoda, Otsego, Ottawa,
 Presque Isle, Roscommon and Wexford

LABORERS ZONE 4
 Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic,
 Houghton, Iron, Keweenaw, Luce, Mackinac,
 Marquette, Menominee, Ontonagon and Schoolcraft

RBLABC4Z1	6/6/2017			
LABORERS CLASS 4 ZONE 1	\$39.28	\$52.35		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$33.53	\$43.72		
1001-2000 WORK HOURS	\$34.68	\$45.44		
2001-3000 WORK HOURS	\$35.83	\$47.17		
3001-4000 WORK HOURS	\$38.13	\$50.62		

County information:

LABORERS ZONE 1
 Genesee, Macomb, Monroe, Oakland, Washtenaw
 and Wayne

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 11 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLABC4Z2	6/6/2017			
LABORERS CLASS 4 ZONE 2	\$37.63	\$49.86		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$32.28	\$41.84		
1001-2000 WORK HOURS	\$33.35	\$43.45		
2001-3000 WORK HOURS	\$34.42	\$45.05		
3001-4000 WORK HOURS	\$36.56	\$48.26		

County information:

LABORERS ZONE 2

Allegan, Barry, Bay, Berrien, Branch, Calhoun, Cass,
 Clinton, Eaton, Gratiot, Hillsdale, Huron, Ingham,
 Jackson, Kalamazoo, Lapeer, Lenawee, Livingston,
 Midland, Muskegon, Saginaw, Sanilac, Shiawassee,
 St. Clair, St. Joseph, Tuscola, and Van Buren

RBLABC4Z3

6/6/2017

LABORERS CLASS 4 ZONES 3 & 4

\$37.03 \$48.97

X X X X X X X H Y

Apprentice Rates:

0-1000 WORK HOURS	\$31.81	\$41.14
1001-2000 WORK HOURS	\$32.85	\$42.70
2001-3000 WORK HOURS	\$33.90	\$44.27
3001-4000 WORK HOURS	\$35.99	\$47.41

County information:

LABORERS ZONE 3

Alcona, Alpena, Antrim, Arenac, Benzie, Charlevoix,
 Cheboygan, Clare, Crawford, Emmet, Gladwin, Grand
 Traverse, Ionia, Iosco, Isabella, Kalkaska, Kent,
 Lake, Leelanau, Manistee, Mason, Mecosta,
 Missaukee, Montcalm, Montmorency, Newaygo,
 Oceana, Ogemaw, Osceola, Oscoda, Otsego, Ottawa,
 Presque Isle, Roscommon and Wexford

LABORERS ZONE 4

Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic,
 Houghton, Iron, Keweenaw, Luce, Mackinac,
 Marquette, Menominee, Ontonagon and Schoolcraft

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 12 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLABC5Z1	6/6/2017			
LABORERS CLASS 5 ZONE 1	\$39.49	\$52.66		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$33.69	\$43.96		
1001-2000 WORK HOURS	\$34.85	\$45.70		
2001-3000 WORK HOURS	\$36.01	\$47.44		
3001-4000 WORK HOURS	\$38.33	\$50.92		

County information:

LABORERS ZONE 1
 Genesee, Macomb, Monroe, Oakland, Washtenaw
 and Wayne

RBLABC5Z2	6/6/2017			
LABORERS CLASS 5 ZONE 2	\$37.50	\$49.67		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$32.18	\$41.69		
1001-2000 WORK HOURS	\$33.24	\$43.28		
2001-3000 WORK HOURS	\$34.31	\$44.89		
3001-4000 WORK HOURS	\$36.44	\$48.08		

County information:

LABORERS ZONE 2
 Allegan, Barry, Bay, Berrien, Branch, Calhoun, Cass,
 Clinton, Eaton, Gratiot, Hillsdale, Huron, Ingham,
 Jackson, Kalamazoo, Lapeer, Lenawee, Livingston,
 Midland, Muskegon, Saginaw, Sanilac, Shiawassee,
 St. Clair, St. Joseph, Tuscola, and Van Buren

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

**Official 2018 Prevailing Wage Rate Schedule
 for Parking Lot, Road, Highway, Bridge and Airport Construction**

Issue Date: 3/15/2018
 Contract must be awarded by: 6/13/2018

Page 13 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLABC5Z3	6/6/2017			
LABORERS CLASS 5 ZONES 3 & 4	\$36.65	\$48.40		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$31.53	\$40.72		
1001-2000 WORK HOURS	\$32.55	\$42.25		
2001-3000 WORK HOURS	\$33.57	\$43.78		
3001-4000 WORK HOURS	\$35.62	\$46.85		

County information:

LABORERS ZONE 3
 Alcona, Alpena, Antrim, Arenac, Benzie, Charlevoix,
 Cheboygan, Clare, Crawford, Emmet, Gladwin, Grand
 Traverse, Ionia, Iosco, Isabella, Kalkaska, Kent,
 Lake, Leelanau, Manistee, Mason, Mecosta,
 Missaukee, Montcalm, Montmorency, Newaygo,
 Oceana, Ogemaw, Osceola, Oscoda, Otsego, Ottawa,
 Presque Isle, Roscommon and Wexford

LABORERS ZONE 4
 Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic,
 Houghton, Iron, Keweenaw, Luce, Mackinac,
 Marquette, Menominee, Ontonagon and Schoolcraft

RBLABC6Z1	6/6/2017			
LABORERS CLASS 6 ZONE 1	\$39.79	\$53.11		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$33.91	\$44.29		
1001-2000 WORK HOURS	\$35.09	\$46.06		
2001-3000 WORK HOURS	\$36.26	\$47.82		
3001-4000 WORK HOURS	\$38.61	\$51.34		

County information:

LABORERS ZONE 1
 Genesee, Macomb, Monroe, Oakland, Washtenaw
 and Wayne

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018
 Contract must be awarded by: 6/13/2018

Page 14 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLABC6Z2	6/6/2017			
LABORERS CLASS 6 ZONE 2	\$37.84	\$50.18		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$32.44	\$42.08		
1001-2000 WORK HOURS	\$33.52	\$43.70		
2001-3000 WORK HOURS	\$34.60	\$45.32		
3001-4000 WORK HOURS	\$36.76	\$48.56		

County information:

LABORERS ZONE 2
 Allegan, Barry, Bay, Berrien, Branch, Calhoun, Cass,
 Clinton, Eaton, Gratiot, Hillsdale, Huron, Ingham,
 Jackson, Kalamazoo, Lapeer, Lenawee, Livingston,
 Midland, Muskegon, Saginaw, Sanilac, Shiawassee,
 St. Clair, St. Joseph, Tuscola, and Van Buren

RBLABC6Z3	6/6/2017			
LABORERS CLASS 6 ZONES 3 & 4	\$37.08	\$49.05		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$31.85	\$41.20		
1001-2000 WORK HOURS	\$32.89	\$42.76		
2001-3000 WORK HOURS	\$33.94	\$44.33		
3001-4000 WORK HOURS	\$36.03	\$47.47		

County information:

LABORERS ZONE 3
 Alcona, Alpena, Antrim, Arenac, Benzie, Charlevoix,
 Cheboygan, Clare, Crawford, Emmet, Gladwin, Grand
 Traverse, Ionia, Iosco, Isabella, Kalkaska, Kent,
 Lake, Leelanau, Manistee, Mason, Mecosta,
 Missaukee, Montcalm, Montmorency, Newaygo,
 Oceana, Ogemaw, Osceola, Oscoda, Otsego, Ottawa,
 Presque Isle, Roscommon and Wexford

LABORERS ZONE 4
 Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic,
 Houghton, Iron, Keweenaw, Luce, Mackinac,
 Marquette, Menominee, Ontonagon and Schoolcraft

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018
 Contract must be awarded by: 6/13/2018

Page 15 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLABC72	6/6/2017			
LABORERS CLASS 7 ZONES 2, 3, 4	\$40.41	\$54.03		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$34.36	\$44.96		
1001-2000 WORK HOURS	\$35.57	\$46.77		
2001-3000 WORK HOURS	\$36.78	\$48.59		
3001-4000 WORK HOURS	\$39.20	\$52.22		

County information:

LABORERS ZONE 2
 Allegan, Barry, Bay, Berrien, Branch, Calhoun, Cass,
 Gogetic,
 Clinton, Eaton, Gratiot, Hillsdale, Huron, Ingham,
 Jackson, Kalamazoo, Lapeer, Lenawee, Livingston,
 Schoolcraft
 Midland, Muskegon, Saginaw, Sanilac, Shiawassee,
 St. Clair, St. Joseph, Tuscola, and Van Buren

LABORERS ZONE 3
 Alcona, Alpena, Antrim, Arenac, Benzie, Charlevoix,
 Cheboygan, Clare, Crawford, Emmet, Gladwin, Grand
 Traverse, Ionia, Iosco, Isabella, Kalkaska, Kent,
 Lake, Leelanau, Manistee, Mason, Mecosta,
 Missaukee, Montcalm, Montmorency, Newaygo,
 Oceana, Ogemaw, Osceola, Oscoda, Otsego, Ottawa,
 Presque Isle, Roscommon and Wexford

LABORERS ZONE 4
 Alger, Baraga, Chippewa, Delta, Dickinson,
 Houghton, Iron, Keweenaw, Luce, Mackinac,
 Marquette, Menominee, Ontonagon and

RBLABC7Z1	6/6/2017			
LABORERS CLASS 7 ZONE 1	\$40.86	\$54.72		X X X X X X X H Y
Apprentice Rates:				
0-1000 WORK HOURS	\$34.72	\$45.50		
1001-2000 WORK HOURS	\$35.95	\$47.35		
2001-3000 WORK HOURS	\$37.17	\$49.18		
3001-4000 WORK HOURS	\$39.63	\$52.87		

County information:

LABORERS ZONE 1
 Genesee, Macomb, Monroe, Oakland, Washtenaw
 and Wayne

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018
 Contract must be awarded by: 6/13/2018

Page 16 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLANDLABCB1Z1 6/6/2017 LANDSCAPE LABORER CLASS B1 ZONE 1 Skilled Landscape Operator includes air, gas and diesel equipment operators, lawn sprinkler installers, skid steer/track loaders, mini excavators, off-road dump vehicle, articulated haulers, hydroseeder, backhoe loaders, wheel loaders, excavators, ride and walk-behind trenchers and telescope handlers.	\$27.04	\$37.20		X X X X X X X H Y

County information:
 Road Builder Statewide

RBLANDLABCB2Z1 6/6/2017 LANDSCAPE LABORER CLASS B2 Skilled Landscape Laborer includes small power tool operator, lawn sprinkler installers' tender, irrigation installers' tender and material mover.	\$25.04	\$34.20		X X X X X X X H Y
---	---------	---------	--	-------------------

County information:
 Road Builder Statewide

RBLANDLABCCZ1 6/6/2017 LANDSCAPE LABORER CLASS C: Landscape Laborer with ninety (90) plus calendar days worked	\$22.90	\$30.99		X X X X X X X H Y
--	---------	---------	--	-------------------

County information:
 Road Builder Statewide

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 17 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBLANDLABCDZ1 6/6/2017				
LANDSCAPE LABORER CLASS D: Inexperienced	\$13.78	\$27.39		X X X X X X X H Y
Landscape Laborer is an individual who has not worked ninety (90) calendar days				

County information:
 Road Builder Statewide

Operating Engineer Underground

EN-324A1-UC1 9/7/2017				
Class I Equipment -Backfiller Tamper, Backhoe, Batch Plant Operator, Clamshell, Concrete Paver 2 drums or larger, Conveyor Loader Euclid type, Crane (crawler, truck type or pile driving), Dozer, Dragline, Elevating Grader, endloader, gradall, grader, hydro excavator, power shovel, roller asphalt, scraper self-propelled or tractor drawn, side boom tractor, slip form paver, slope paver, trencher over 8 ft. digging capacity, well drilling rig, concrete pump with boom operator	\$55.54	\$71.56	\$87.57	H H H H H H H D Y

Apprentice Rates:

0-999 hours	\$44.09	\$55.30	\$66.52
1,000-1,999 hours	\$45.68	\$57.70	\$69.70
2,000-2,999 hours	\$47.28	\$60.09	\$72.90
3,000-3,999 hours	\$48.88	\$62.49	\$76.10
4,000-4,999 hours	\$50.49	\$64.91	\$79.32
5,000-5,999 hours	\$52.09	\$67.30	\$82.52

County information:
 Opert Eng Underground Area 1
 Genesee, Lapeer, Livingston, Macomb, Monroe,
 Oakland, St. Clair, Washtenaw, Wayne

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 18 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
EN-324A1-UC2 9/6/2017				
Class II Equipment -Boom Truck, Crusher, Hoist, Pump 6 inch discharge or larger, side boom tractor, Tractor (pneu-tired other than backhoe or front end loader), Trencher 8 ft. digging capacity and smaller, Vac Truck	\$50.81	\$64.46	\$78.11	H H H H H H HDY

County information:

Opert Eng Underground Area 1
 Genesee, Lapeer, Livingston, Macomb, Monroe,
 Oakland, St. Clair, Washtenaw, Wayne

EN-324A1-UC3 9/6/2017				
Class III Equipment - Air Compressors 600 cfm or larger, Air Compressors 2 or more less than 600 dfm, Boom Truck non-swinging non-powered type boom, Concrete Breaker self-propelled or truck mounted, Concrete paver 1 drum 1/2 yd. or larger, Elevator other than passenger, Pump 4 inch to 6 inch discharge, pumpcrete machine, wagon drill, welding machine or generator 2 or more 300 amp or larger	\$50.08	\$63.37	\$76.65	H H H H H H HDY

County information:

Opert Eng Underground Area 1
 Genesee, Lapeer, Livingston, Macomb, Monroe,
 Oakland, St. Clair, Washtenaw, Wayne

EN-324A1-UC4 9/6/2017				
Class IV Equipment - Boiler, Concrete Saw 40 hp or over, curing machine self propelled, end dumps, extend a boom forklift, farm tractor with attachment, finishing machine concrete, firemen, hydraulic pipe pushing machine, mulching equipment, oiler, pumps up to 4 inch discharge, roller other than asphalt, stump remover, sweeper wayne type, trencher, vibrating compaction equipment self propelled 6 ft. wide or over, water wagon.	\$49.51	\$62.52	\$75.51	H H H H H H HDY

County information:

Opert Eng Underground Area 1
 Genesee, Lapeer, Livingston, Macomb, Monroe,
 Oakland, St. Clair, Washtenaw, Wayne

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

**Official 2018 Prevailing Wage Rate Schedule
 for Parking Lot, Road, Highway, Bridge and Airport Construction**

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 19 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
EN-324A1-UMM Master Mechanic	9/6/2017 \$55.79	\$71.93	\$88.07	H H H H H H HDY

County information:

Opert Eng Underground Area 1
 Genesee, Lapeer, Livingston, Macomb, Monroe,
 Oakland, St. Clair, Washtenaw, Wayne

EN-324A2-UC1 Class I Equipment - Backfiller Tamper, Backhoe, Batch Plant Operator, Clamshell, Concrete Paver 2 drums or larger, Conveyor Loader Euclid type, Crane (crawler, truck type or pile driving), Dozer, Dragline, Elevating Grader, endloader, gradall, grader, hydro excavator, power shovel, roller asphalt, scraper self-propelled or tractor drawn, side boom tractor, slip form paver, slope paver, trencher over 8 ft. digging capacity, well drilling rig, concrete pump with boom operator	9/7/2017 \$53.29	\$68.46	\$83.62	H H H H H H HDY
---	---------------------	---------	---------	-----------------

Apprentice Rates:

0-999 hours	\$42.89	\$53.50	\$64.12
1,000-1,999 hours	\$44.41	\$55.78	\$67.16
2,000-2,999 hours	\$45.93	\$58.06	\$70.20
3,000-3,999 hours	\$47.43	\$60.32	\$73.20
4,000-4,999 hours	\$48.95	\$62.60	\$76.24
5,000-5,999 hours	\$50.47	\$64.88	\$79.28

County information:

Opert Eng Underground Area 2
 All Counties except: Genesee, Lapeer, Livingston,
 Macomb, Monroe, Oakland, St. Clair, Washtenaw,
 Wayne

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 20 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
EN-324A2-UC2 9/6/2017 Class II Equipment - Boom Truck, Crusher, Hoist, Pump 6 inch discharge or larger, side boom tractor, Tractor (pneu-tired other than backhoe or front end loader), Trencher 8 ft. digging capacity and smaller, Vac Truck	\$48.39	\$61.11	\$73.82	H H H H H H HDY

County information:

Opert Eng Underground Area 2
 All Counties except: Genesee, Lapeer, Livingston,
 Macomb, Monroe, Oakland, St. Clair, Washtenaw,
 Wayne

EN-324A2-UC3 9/6/2017 Class III Equipment - Air Compressors 600 cfm or larger, Air Compressors 2 or more less than 600 dfm, Boom Truck non-swinging non-powered type boom, Concrete Breaker self-propelled or truck mounted, Concrete paver 1 drum 1/2 yd. or larger, Elevator other than passenger, Pump 4 inch to 6 inch discharge, pumpcrete machine, wagon drill, welding machine or generator 2 or more 300 amp or larger	\$47.89	\$60.36	\$72.82	H H H H H H HDY
--	---------	---------	---------	-----------------

County information:

Opert Eng Underground Area 2
 All Counties except: Genesee, Lapeer, Livingston,
 Macomb, Monroe, Oakland, St. Clair, Washtenaw,
 Wayne

EN-324A2-UC4 9/6/2017 Class IV Equipment - Boiler, Concrete Saw 40 hp or over, curing machine self propelled, end dumps, extend a boom forklift, farm tractor with attachment, finishing machine concrete, firemen, hydraulic pipe pushing machine, mulching equipment, oiler, pumps up to 4 inch discharge, roller other than asphalt, stump remover, sweeper wayne type, trencher, vibrating compaction equipment self propelled 6 ft. wide or over, water wagon.	\$47.60	\$59.93	\$72.24	H H H H H H HDY
---	---------	---------	---------	-----------------

County information:

Opert Eng Underground Area 2
 All Counties except: Genesee, Lapeer, Livingston,
 Macomb, Monroe, Oakland, St. Clair, Washtenaw,
 Wayne

Official Request #: 94 **Official Rate Schedule**
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

**Official 2018 Prevailing Wage Rate Schedule
 for Parking Lot, Road, Highway, Bridge and Airport Construction**

Issue Date: 3/15/2018
 Contract must be awarded by: 6/13/2018

Page 21 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
OPERATING ENGINEERS				
RBOEC1Z1	6/6/2017			
OPERATING ENGINEERS CLASS I ZONE 1 & 2	\$55.67	\$71.78		H H H H H H H H Y
Apprentice Rates:				
1ST 6 MONTHS	\$46.73	\$58.64		
2ND 6 MONTHS	\$48.13	\$60.74		
3RD 6 MONTHS	\$49.53	\$62.84		
4TH 6 MONTHS	\$50.92	\$64.93		
5TH 6 MONTHS	\$52.32	\$67.03		
6TH 6 MONTHS	\$53.72	\$69.13		

Comment Make up day allowed
 4 tens allowed M-Th or T-F. If work cannot be performed due to weather during the M-Th schedule, Friday may be worked as a make-up day.

County information:

OPERATING ENGINEERS ZONE 1
 Genesee, Oakland, Macomb, Monroe, Washtenaw and Wayne counties

OPERATING ENGINEERS ZONE 2
 The entire state except those counties listed in Zone 1: Genesee, Oakland, Macomb, Monroe, Washtenaw and Wayne

RBOEC2Z1	6/6/2017			
OPERATING ENGINEERS CLASS II ZONE 1	\$48.94	\$61.68		H H H H H H H H Y

Comment Make up day allowed
 4 tens allowed M-Th or T-F. If work cannot be performed due to weather during the M-Th schedule, Friday may be worked as a make-up day.

County information:

OPERATING ENGINEERS ZONE 1
 Genesee, Oakland, Macomb, Monroe, Washtenaw and Wayne counties

Official Request #: 94
 Requestor: MDOT

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 22 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
--------------------------------------	--------------------------	------------------------------	---------------------	---------------

RBOEC2Z1GT	6/6/2017			
OPERATING ENGINEERS GREASE TRUCK CLASS II ZONE	\$50.24	\$63.63		H H H H H H H H Y

Comment Make up day allowed

4 tens allowed M-Th or T-F. If work cannot be performed due to weather during the M-Th schedule, Friday may be worked as a make-up day.

County information:

OPERATING ENGINEERS ZONE 1
 Genesee, Oakland, Macomb, Monroe, Washtenaw
 and Wayne counties

RBOEC2Z2	6/6/2017			
OPERATING ENGINEERS CLASS 2 ZONE 2	\$48.79	\$61.46		H H H H H H H H Y

Comment Make up day allowed

4 tens allowed M-Th or T-F. If work cannot be performed due to weather during the M-Th schedule, Friday may be worked as a make-up day.

County information:

OPERATING ENGINEERS ZONE 2
 The entire state except those counties listed in Zone
 1: Genesee, Oakland, Macomb, Monroe, Washtenaw
 and Wayne

RBOEC2Z2GT	6/6/2017			
OPERATING ENGINEERS GREASE TRUCK CLASS 2 ZONE 2	\$50.09	\$63.41		H H H H H H H H Y

Comment Make up day allowed

4 tens allowed M-Th or T-F. If work cannot be performed due to weather during the M-Th schedule, Friday may be worked as a make-up day.

County information:

OPERATING ENGINEERS ZONE 2
 The entire state except those counties listed in Zone
 1: Genesee, Oakland, Macomb, Monroe, Washtenaw
 and Wayne

Official Request #: 94
 Requestor: MDOT

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 23 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
RBOEC3Z1 OPERATING ENGINEERS CLASS III ZONE 1	6/6/2017 \$48.38	\$60.84		H H H H H H H H Y
Comment Make up day allowed 4 tens allowed M-Th or T-F. If work cannot be performed due to weather during the M-Th schedule, Friday may be worked as a make-up day.				
<i>County information:</i> OPERATING ENGINEERS ZONE 1 Genesee, Oakland, Macomb, Monroe, Washtenaw and Wayne counties				

RBOEC3Z2 OPERATING ENGINEERS CLASS III ZONE 2	6/6/2017 \$48.23	\$60.62		H H H H H H H H Y
Comment Make up day allowed 4 tens allowed M-Th or T-F. If work cannot be performed due to weather during the M-Th schedule, Friday may be worked as a make-up day.				
<i>County information:</i> OPERATING ENGINEERS ZONE 2 The entire state except those counties listed in Zone 1: Genesee, Oakland, Macomb, Monroe, Washtenaw and Wayne				

RBOEC4Z1 OPERATING ENGINEERS CLASS IV ZONE 1	6/6/2017 \$48.21	\$60.59		H H H H H H H H Y
Comment Make up day allowed 4 tens allowed M-Th or T-F. If work cannot be performed due to weather during the M-Th schedule, Friday may be worked as a make-up day.				
<i>County information:</i> OPERATING ENGINEERS ZONE 1 Genesee, Oakland, Macomb, Monroe, Washtenaw and Wayne counties				

Official Request #: 94
 Requestor: MDOT

Official Rate Schedule

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 25 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
TM247-2 Tap cutter/CCTV Tech/Grout Equipment Operator: unit driver and operator of CCTV; grouting equipment and tap cutting equipment	\$32.70	\$44.95		H H H H H H H H N

County information:
 Statewide

TM247-3 CCTV Technician/Combo Unit Operator: unit driver and operator of cctv unit or combo unit in connection with normal cleaning and televising work	\$31.45	\$43.07		H H H H H H H H N
--	---------	---------	--	-------------------

County information:
 Statewide

TM247-4 Boiler Operator: unit driver and operator of steam/water heater units and all ancillary equipment associated	\$33.20	\$45.70		H H H H H H H H N
---	---------	---------	--	-------------------

County information:
 Statewide

TM247-5 Combo Unit driver & Jetter-Vac Operator	\$33.20	\$45.70		H H H H H H H H N
--	---------	---------	--	-------------------

County information:
 Statewide

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018
 Contract must be awarded by: 6/13/2018

Page 26 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
TM247-6 Pipe Bursting & Slip-lining Equipment Operator	\$34.20	\$47.20		H H H H H H H H N

County information:
 Statewide

Roadway Electrical

EC-17A Operator A - operates at least 3 of the following: backhoe, excavator, directional bore or boom/digger truck.	\$47.63	\$68.40	\$89.16	H H H H H H H D Y
---	---------	---------	---------	-------------------

Comment Make up day allowed
 4 10s allowed M-Th; F make-up day

County information:
 Road Builder Statewide

EC-17B Operator B - operates any 2 of the following: backhoe, excavator, directional bore or boom/digger truck	\$44.88	\$64.27	\$83.66	H H H H H H H D Y
---	---------	---------	---------	-------------------

Apprentice Rates:

\$0.00

Comment Make up day allowed
 4 10s allowed M-Th; F make up day

County information:
 Road Builder Statewide

EC-17G Groundman	\$42.14	\$60.16	\$78.18	H H H H H H H D Y
---------------------	---------	---------	---------	-------------------

Comment Make up day allowed
 4 10s allowed M-Th; F make up day

County information:

Official Request #: 94
 Requestor: MDOT

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 27 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
Y Signal Tech, Communication Tech, Tower Tech, Fiber Optic Splicer	\$55.22	\$79.77	\$104.33	H H H H H H H D Y
Comment Make up day allowed 4 10s allowed M-Th; F make up day County information:				

TRUCK DRIVERS

TD1 TRUCK DRIVERS ZONE 1 EUCLID TYPE EQUIPMENT	\$45.08	\$57.66		H H H H H H H H Y
Comment 4 tens allowed M-F For hours after 40 per week, the OT rate is \$38.23 per hour wages & fringes combined.				

County information:

TRUCK DRIVERS ZONE 1
 Genesee, Oakland, Macomb, Monroe, Livingston,
 Washtenaw and Wayne

TD2 TRUCK DRIVERS ZONE 2 EUCLID TYPE EQUIPMENT	\$44.98	\$57.51		H H H H H H H H Y
Comment 4 tens allowed M-F For hours after 40 per week, the OT rate is \$38.08 per hour wages & fringes combined.				

County information:

TRUCK DRIVERS ZONE 2
 The entire state except those counties listed in Zone
 1: Genesee, Oakland, Macomb, Monroe, Livingston,
 Washtenaw and Wayne

Official Request #: 94
 Requestor: MDOT

Official Rate Schedule

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 28 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
--------------------------------------	--------------------------	------------------------------	---------------------	---------------

<p>TD81 6/6/2017 TRUCK DRIVERS ZONE 1 8 YARD CAPACITY OR GREATER</p>	\$44.93	\$57.43	H H H H H H H H	Y
--	---------	---------	-----------------	---

Comment
 4 tens allowed M-F
 For hours after 40 per week, the OT rate is \$38 per hour wages & fringes combined.

County information:
 TRUCK DRIVERS ZONE 1
 Genesee, Oakland, Macomb, Monroe, Livingston,
 Washtenaw and Wayne

<p>TD82 6/6/2017 TRUCK DRIVERS ZONE 2 8 YARD CAPACITY OR GREATER</p>	\$44.83	\$57.28	H H H H H H H H	Y
--	---------	---------	-----------------	---

Comment
 4 tens allowed M-F
 For hours after 40 per week, the OT rate is \$37.85 per hour wages & fringes combined.

County information:
 TRUCK DRIVERS ZONE 2
 The entire state except those counties listed in Zone
 1: Genesee, Oakland, Macomb, Monroe, Livingston,
 Washtenaw and Wayne

<p>TD91 6/6/2017 TRUCK DRIVERS ZONE 1 ALL TRUCKS (except dump trucks of 8 cubic yard capacity or over, tandem axle trucks, transit mix and semis, euclid type equipment, double bottoms and low boys)</p>	\$44.83	\$57.28	H H H H H H H H	Y
--	---------	---------	-----------------	---

Comment
 4 tens allowed M-F
 For hours after 40 per week, the OT rate is \$37.85 per hour wages & fringes combined.

County information:
 TRUCK DRIVERS ZONE 1
 Genesee, Oakland, Macomb, Monroe, Livingston,
 Washtenaw and Wayne

Official Request #: 94
 Requestor: MDOT

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

Official 2018 Prevailing Wage Rate Schedule for Parking Lot, Road, Highway, Bridge and Airport Construction

Issue Date: 3/15/2018

Contract must be awarded by: 6/13/2018

Page 29 of 29

Construction Mechanic Classification	Straight Time Rate	Time and One Half Rate	Double Time Rate	Overtime Code
=====				
TD92				
6/6/2017				
TRUCK DRIVERS ZONE 2 All trucks (except dump trucks of 8 cubic yard capacity or over, tandem axle trucks, transit mix and semis, euclid type equipment, double bottoms and low boys)	\$44.73	\$57.13		H H H H H H H H Y

Comment

4 tens allowed M-F

For hours after 40 per week, the OT rate is \$37.70 per hour wages & fringes combined.

County information:

TRUCK DRIVERS ZONE 2

The entire state except those counties listed in Zone
 1: Genesee, Oakland, Macomb, Monroe, Livingston,
 Washtenaw and Wayne

Official Request #: 94
 Requestor: MDOT

Official Rate Schedule

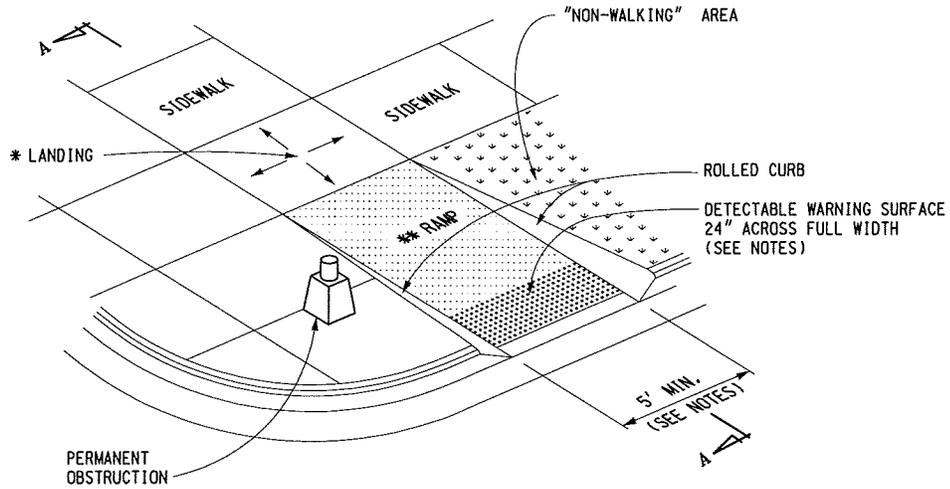
. Every contractor and subcontractor shall keep
 posted on the construction site, in a
 conspicuous place, a copy of all prevailing wage
 and fringe benefit rates prescribed in a
 contract.

Project Description: Resurfacing Lafayette Street from the west Battle Creek city limit to

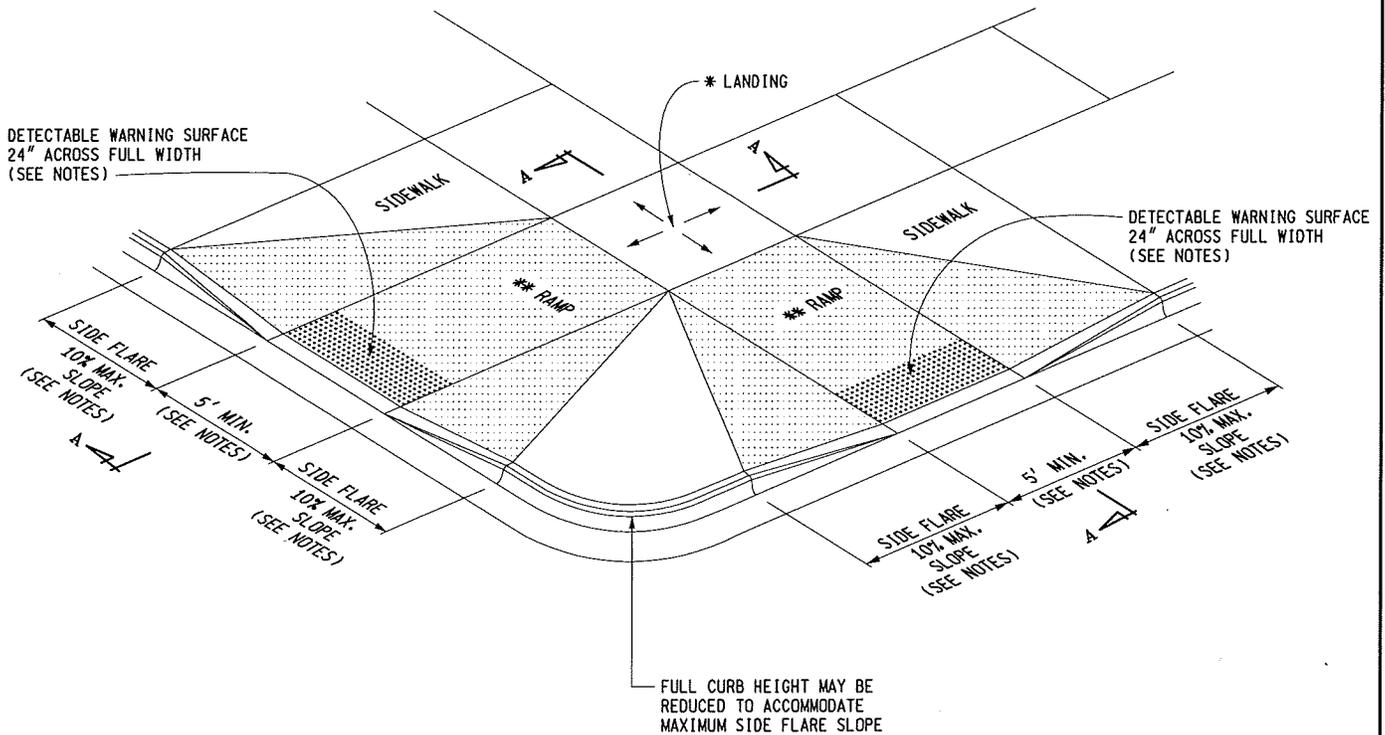
ATTACHMENT A – SIDEWALK RAMP DETAIL

* MAXIMUM LANDING SLOPE IS 2.0% IN EACH DIRECTION OF TRAVEL. LANDING MINIMUM DIMENSIONS 5' x 5'. SEE NOTES.

** MAXIMUM RAMP CROSS SLOPE IS 2.0%, RUNNING SLOPE 5% - 7% (8.3% MAXIMUM). SEE NOTES.



SIDEWALK RAMP TYPE R
(ROLLED SIDES)



SIDEWALK RAMP TYPE F
(FLARED SIDES, TWO RAMPS SHOWN)



PREPARED BY
DESIGN DIVISION

DRAWN BY: B.L.T.

CHECKED BY: W.K.P.

DEPARTMENT DIRECTOR
Kirk T. Stuedle

APPROVED BY: _____
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: _____
DIRECTOR, BUREAU OF DEVELOPMENT

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

**SIDEWALK RAMP AND
DETECTABLE WARNING DETAILS**

F.H.W.A. APPROVAL

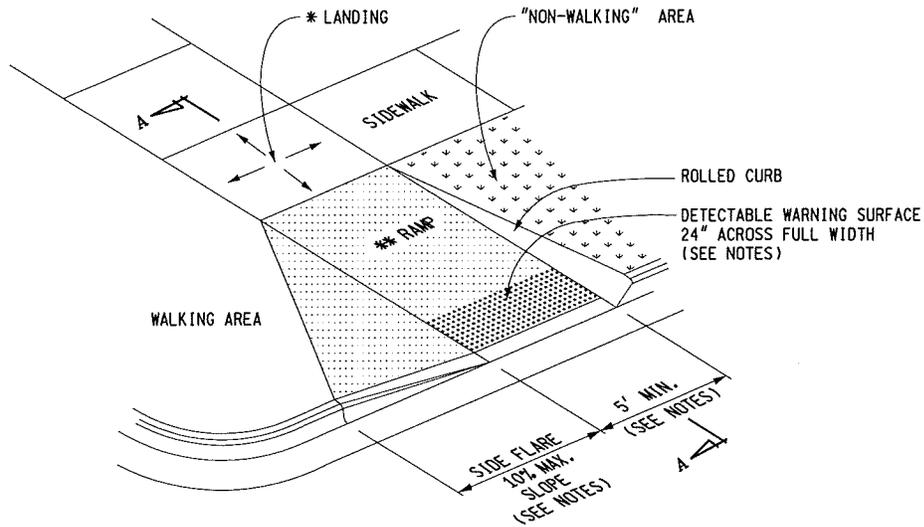
12-11-2017
PLAN DATE

R-28-J

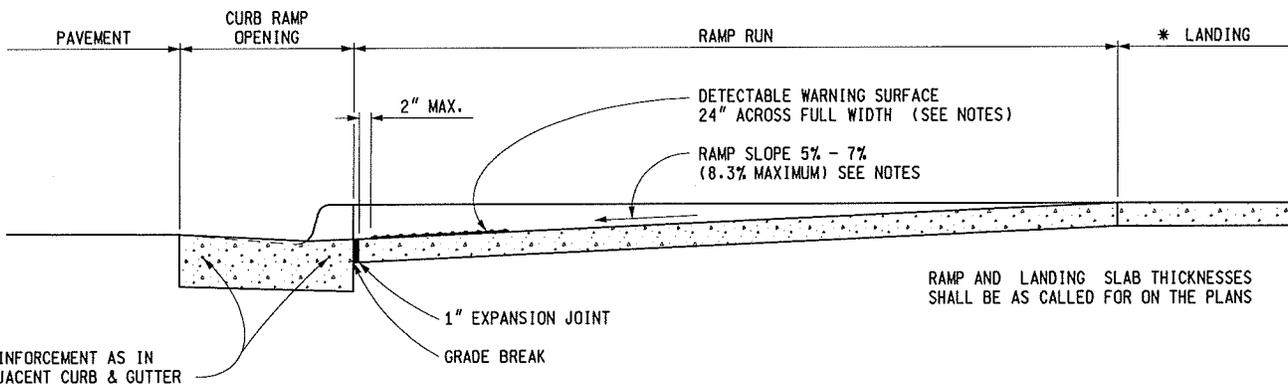
SHEET
1 OF 7

* MAXIMUM LANDING SLOPE IS 2.0% IN EACH DIRECTION OF TRAVEL. LANDING MINIMUM DIMENSIONS 5' x 5'. SEE NOTES.

** MAXIMUM RAMP CROSS SLOPE IS 2.0%. RUNNING SLOPE 5% - 7% (8.3% MAXIMUM). SEE NOTES.



SIDEWALK RAMP TYPE RF
(ROLLED / FLARED SIDES)

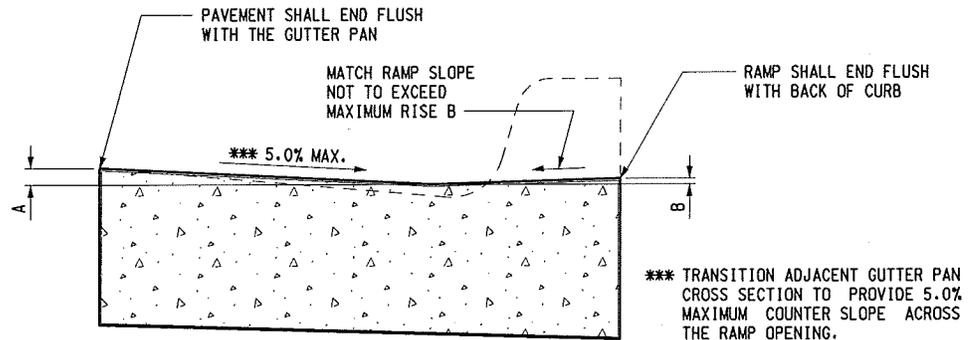


REINFORCEMENT AS IN ADJACENT CURB & GUTTER

CURB TYPE	MAXIMUM RISE (INCHES)	
	A	B
B1	3/4	1
B2	3/4	1
B3	3/4	1
D1	3/4	1
D2	3/4	1
D3	3/4	1
C1	1/2	1/2
C2	1/2	1/2
C3	3/4	1/2
C4	3/4	1/2
C5	1	1/2
C6	1	1/2
F1	1/2	1/2
F2	1/2	1/2
F3	3/4	1/2
F4	3/4	1/2
F5	1	1/2
F6	1	1/2

FOR CURB TYPES SEE STANDARD PLAN R-30-SERIES

SECTION A-A



SECTION THROUGH CURB RAMP OPENING
(TYPICAL ALL RAMP TYPES)

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

**SIDEWALK RAMP AND
DETECTABLE WARNING DETAILS**

F.H.W.A. APPROVAL

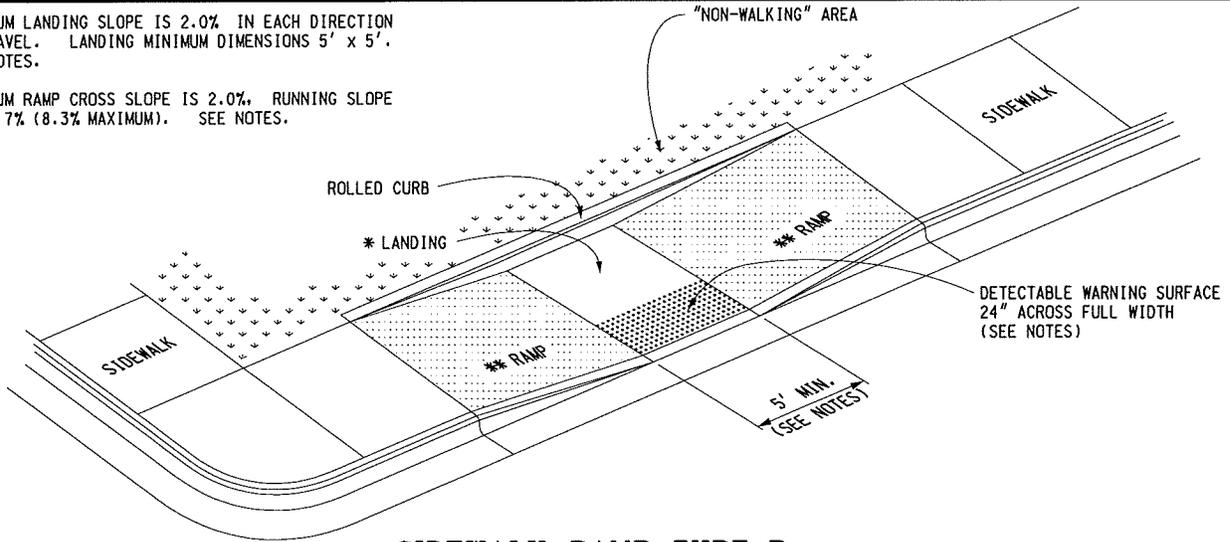
12-11-2017
PLAN DATE

R-28-J

SHEET
2 OF 7

* MAXIMUM LANDING SLOPE IS 2.0% IN EACH DIRECTION OF TRAVEL. LANDING MINIMUM DIMENSIONS 5' x 5'. SEE NOTES.

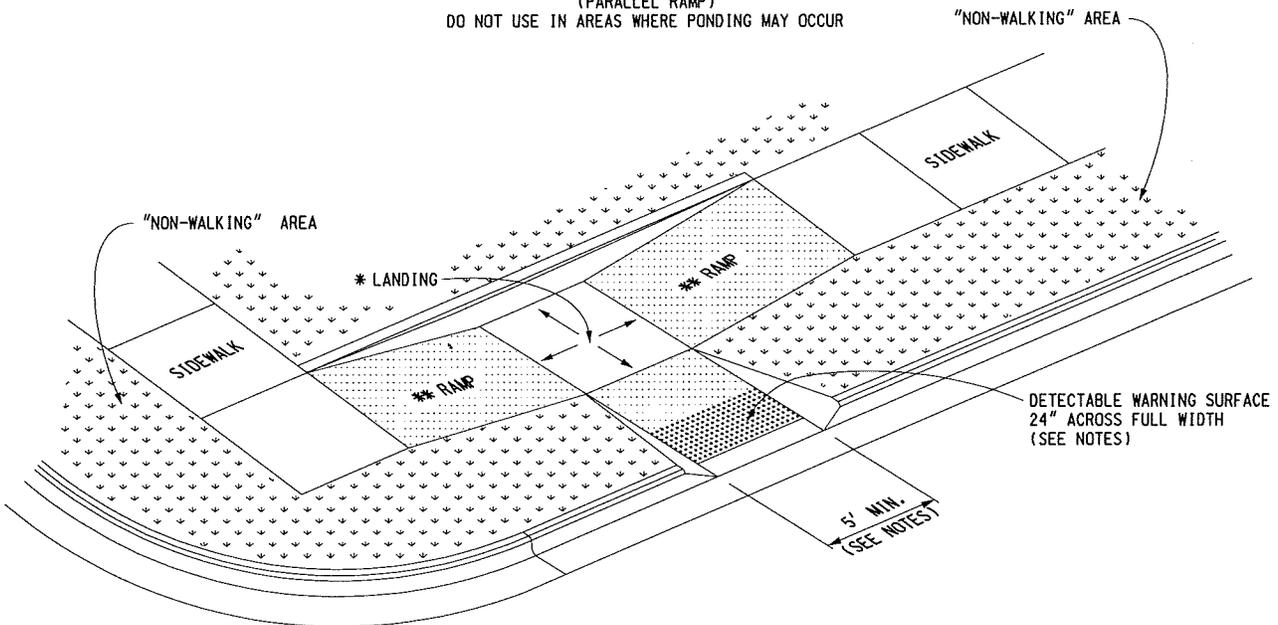
** MAXIMUM RAMP CROSS SLOPE IS 2.0%, RUNNING SLOPE 5% - 7% (8.3% MAXIMUM). SEE NOTES.



SIDEWALK RAMP TYPE P

(PARALLEL RAMP)

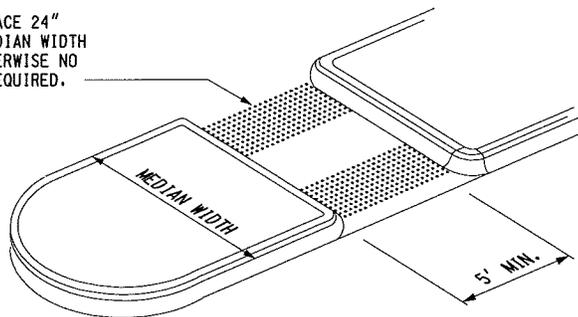
DO NOT USE IN AREAS WHERE PONDING MAY OCCUR



SIDEWALK RAMP TYPE C

(COMBINATION RAMP)

DETECTABLE WARNING SURFACE 24" ACROSS FULL WIDTH IF MEDIAN WIDTH IS AT LEAST 6'-0". OTHERWISE NO DETECTABLE WARNING IS REQUIRED.



SIDEWALK RAMP TYPE M

(MEDIAN ISLAND)

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

**SIDEWALK RAMP AND
DETECTABLE WARNING DETAILS**

F.H.W.A. APPROVAL

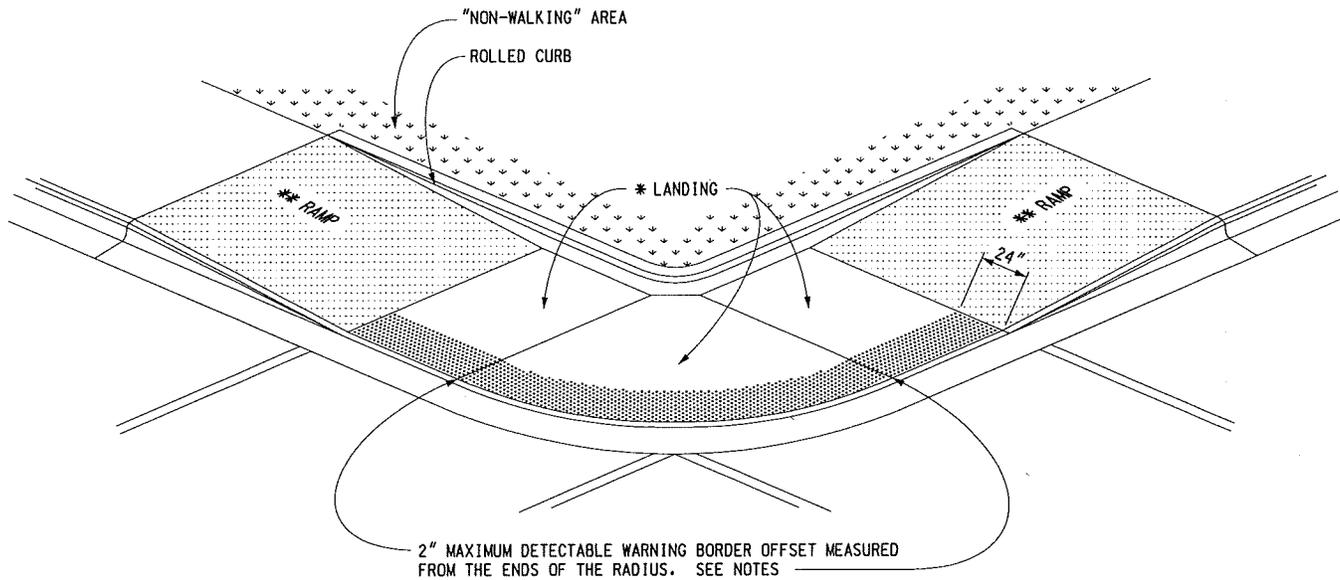
12-11-2017
PLAN DATE

R-28-J

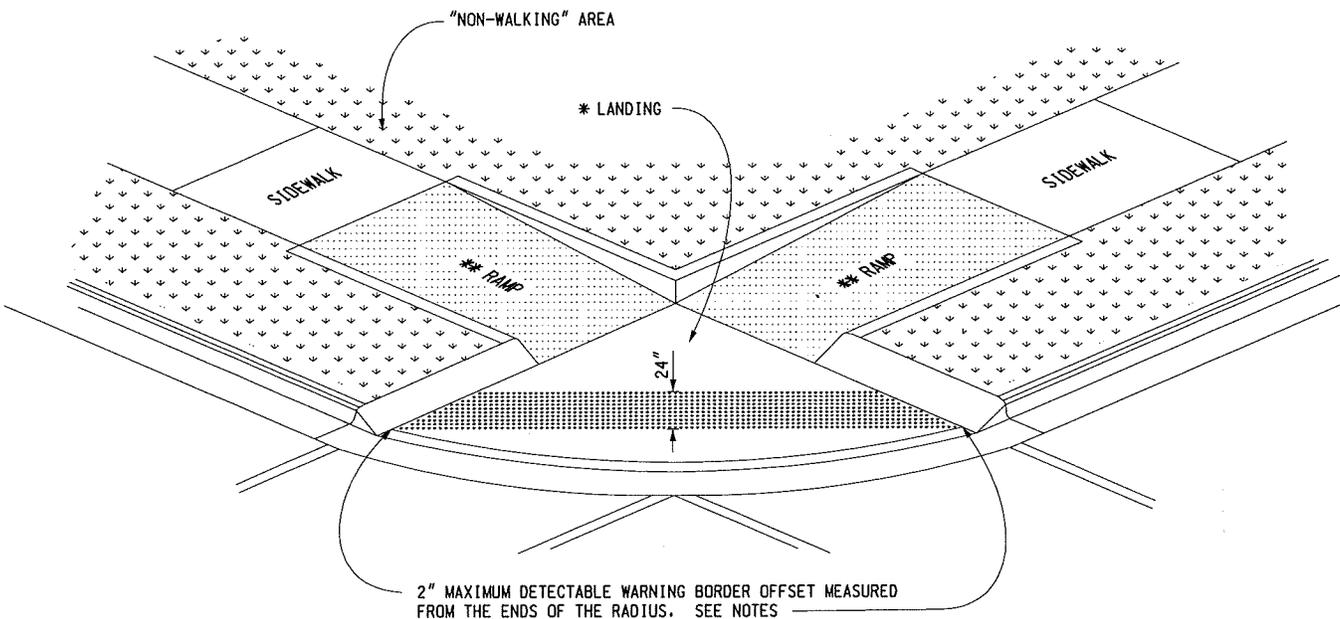
SHEET
3 OF 7

* MAXIMUM LANDING SLOPE IS 2.0% IN EACH DIRECTION OF TRAVEL. LANDING MINIMUM DIMENSIONS 5' x 5'. SEE NOTES.

** MAXIMUM RAMP CROSS SLOPE IS 2.0%. RUNNING SLOPE 5% - 7% (8.3% MAXIMUM). SEE NOTES.



(RADIAL DETECTABLE WARNING SHOWN)



(TANGENT DETECTABLE WARNING SHOWN)

SIDEWALK RAMP TYPE D
(DEPRESSED CORNER)

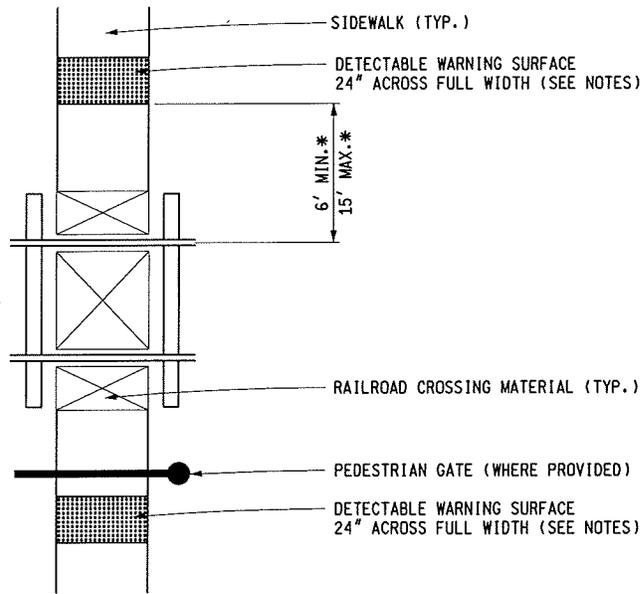
USE ONLY WHEN INDEPENDENT DIRECTIONAL RAMPS CAN NOT BE CONSTRUCTED FOR EACH CROSSING DIRECTION

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

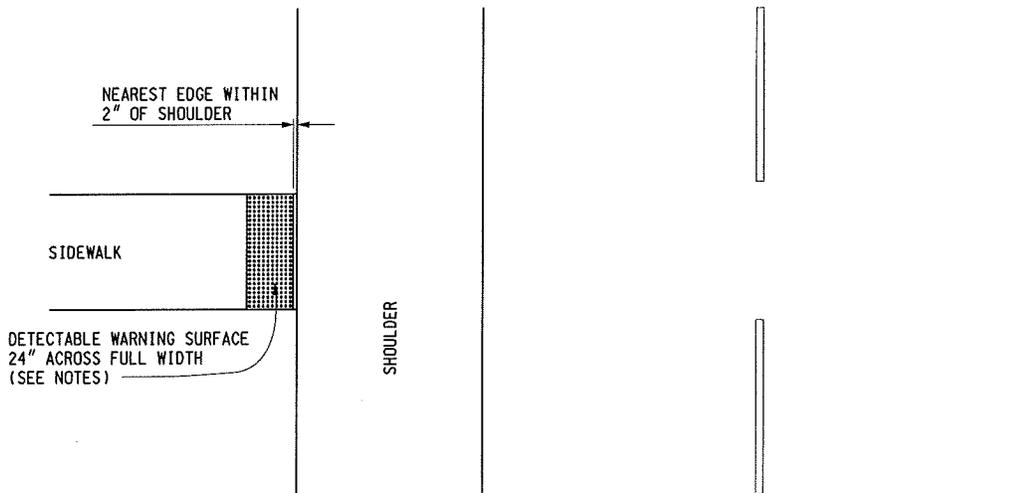
**SIDEWALK RAMP AND
DETECTABLE WARNING DETAILS**

F.H.W.A. APPROVAL	12-11-2017 PLAN DATE	R-28-J	SHEET 4 OF 7
-------------------	-------------------------	--------	-----------------

* THE DETECTABLE WARNING SURFACE SHALL BE LOCATED SO THAT THE EDGE NEAREST THE RAIL CROSSING IS 6' MINIMUM AND 15' MAXIMUM FROM THE CENTERLINE OF THE NEAREST RAIL. DO NOT PLACE DETECTABLE WARNING ON RAILROAD CROSSING MATERIAL.



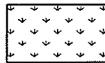
DETECTABLE WARNING AT RAILROAD CROSSING

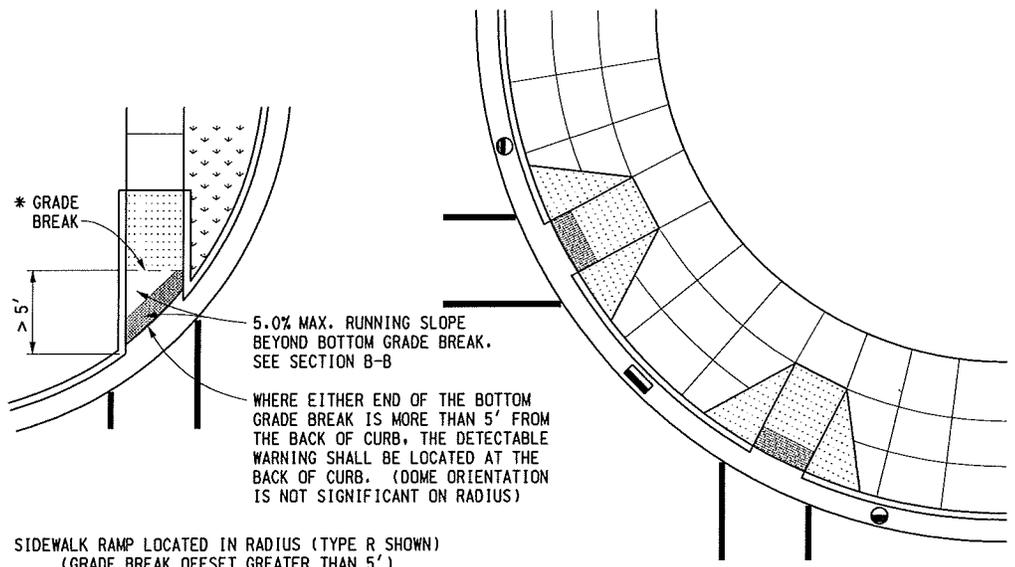


DETECTABLE WARNING AT FLUSH SHOULDER OR ROADWAY

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR			
SIDEWALK RAMP AND DETECTABLE WARNING DETAILS			
F.H.W.A. APPROVAL	12-11-2017 PLAN DATE	R-28-J	SHEET 5 OF 7

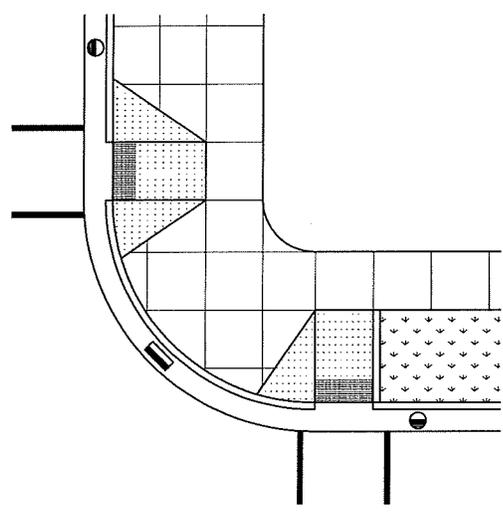
LEGEND

	SLOPED SURFACE
	DETECTABLE WARNING
	"NON-WALKING" AREA
	CROSSWALK MARKING
	PREFERRED LOCATION OF DRAINAGE INLET (TYP.)
	ALTERNATE LOCATION OF DRAINAGE INLET (TYP.)

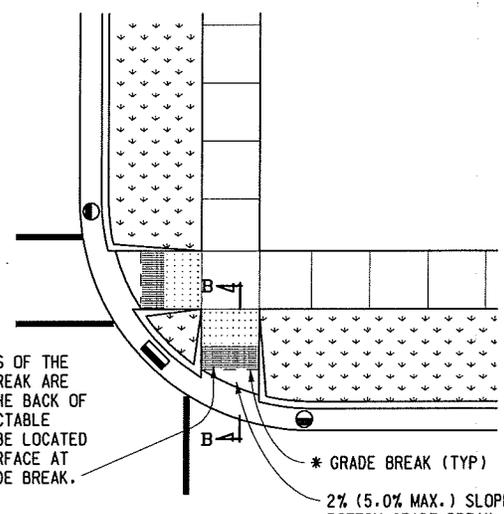


SIDEWALK RAMP LOCATED IN RADIUS (TYPE R SHOWN)
(GRADE BREAK OFFSET GREATER THAN 5')

SIDEWALK RAMP PERPENDICULAR TO RADIAL CURB (TYPE F SHOWN)
(USE WITH RADIAL CURB WHEN THE CROSSWALK AND SIDEWALK RAMP ARE NOT ALIGNED)



SIDEWALK RAMP PERPENDICULAR TO TANGENT CURB (TYPE F AND TYPE RF SHOWN)

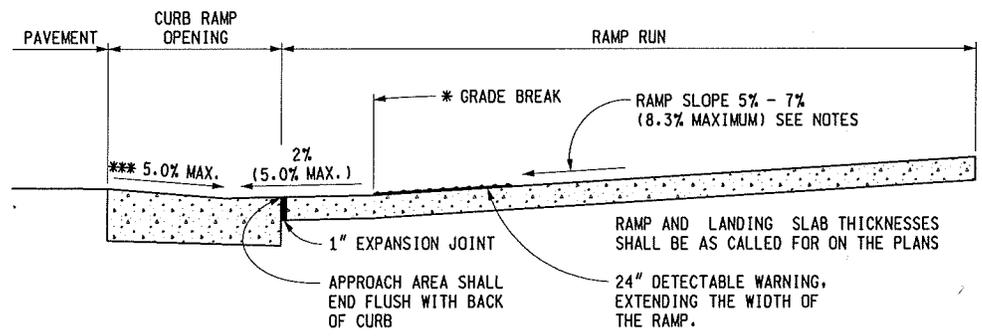


SIDEWALK RAMP LOCATED IN RADIUS (TYPE R SHOWN)
(GRADE BREAK OFFSET LESS THAN 5')

* GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF TRAVEL.

*** TRANSITION ADJACENT GUTTER PAN CROSS SECTION TO PROVIDE 5.0% MAXIMUM COUNTER SLOPE ACROSS THE RAMP OPENING.

SEE SHEET 2 FOR CURB RAMP OPENING DETAILS.



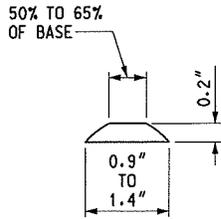
SECTION B-B

SIDEWALK RAMP ORIENTATION

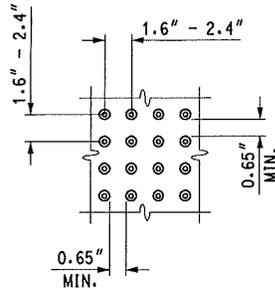
MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

**SIDEWALK RAMP AND
DETECTABLE WARNING DETAILS**

F.H.W.A. APPROVAL	12-11-2017 PLAN DATE	R-28-J	SHEET 6 OF 7
-------------------	-------------------------	--------	-----------------

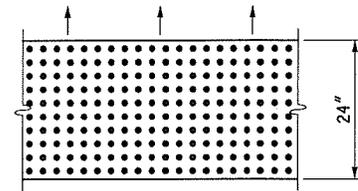


DOME SECTION



DOME SPACING

ALIGNED IN DIRECTION OF TRAVEL AND PERPENDICULAR (OR RADIAL) TO GRADE BREAK



DOME ALIGNMENT

DETECTABLE WARNING DETAILS

NOTES:

DETAILS SPECIFIED ON THIS PLAN APPLY TO ALL CONSTRUCTION, RECONSTRUCTION, OR ALTERATION OF STREETS, CURBS, OR SIDEWALKS IN THE PUBLIC RIGHT OF WAY.

SIDEWALK RAMPS ARE TO BE LOCATED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

RAMPS SHALL BE PROVIDED AT ALL CORNERS OF AN INTERSECTION WHERE THERE IS EXISTING OR PROPOSED SIDEWALK AND CURB. RAMPS SHALL ALSO BE PROVIDED AT MARKED AND/OR SIGNALIZED MID-BLOCK CROSSINGS.

SURFACE TEXTURE OF THE RAMP SHALL BE THAT OBTAINED BY A COARSE BROOMING, TRANSVERSE TO THE RUNNING SLOPE.

SIDEWALK SHALL BE RAMPED WHERE THE DRIVEWAY CURB IS EXTENDED ACROSS THE WALK.

CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE ON THE RAMP. WHERE CONDITIONS PERMIT, IT IS DESIRABLE THAT THE SLOPE OF THE RAMP BE IN ONLY ONE DIRECTION, PARALLEL TO THE DIRECTION OF TRAVEL.

RAMP WIDTH SHALL BE INCREASED, IF NECESSARY, TO ACCOMMODATE SIDEWALK SNOW REMOVAL EQUIPMENT NORMALLY USED BY THE MUNICIPALITY.

WHEN 5' MINIMUM WIDTHS ARE NOT PRACTICABLE, RAMP WIDTH MAY BE REDUCED TO NOT LESS THAN 4' AND LANDINGS TO NOT LESS THAN 4' x 4'.

CURB RAMPS WITH A RUNNING SLOPE $\leq 5\%$ DO NOT REQUIRE A TOP LANDING. HOWEVER, ANY CONTINUOUS SIDEWALK OR PEDESTRIAN ROUTE CROSSING THROUGH OR INTERSECTING THE CURB RAMP MUST INDEPENDENTLY MAINTAIN A CROSS SLOPE NOT GREATER THAN 2% PERPENDICULAR TO ITS OWN DIRECTION(S) OF TRAVEL.

DETECTABLE WARNING SURFACE COVERAGE IS 24" MINIMUM IN THE DIRECTION OF RAMP/PATH TRAVEL AND THE FULL WIDTH OF THE RAMP/PATH OPENING EXCLUDING CURBED OR FLARED CURB TRANSITION AREAS. A BORDER OFFSET NOT GREATER THAN 2" MEASURED ALONG THE EDGES OF THE DETECTABLE WARNING IS ALLOWABLE. FOR RADIAL CURB THE OFFSET IS MEASURED FROM THE ENDS OF THE RADIUS.

FOR NEW ROADWAY CONSTRUCTION, THE RAMP CROSS SLOPE MAY NOT EXCEED 2.0%. FOR ALTERATIONS TO EXISTING ROADWAYS, THE CROSS SLOPE MAY BE TRANSITIONED TO MEET AN EXISTING ROADWAY GRADE. THE CROSS SLOPE SHALL BE APPLIED UNIFORMLY OVER THE FULL LENGTH OF THE RAMP.

THE MAXIMUM RUNNING SLOPE OF 8.3% IS RELATIVE TO A FLAT (0%) REFERENCE. HOWEVER, IT SHALL NOT REQUIRE ANY RAMP OR SERIES OF RAMPS TO EXCEED 15 FEET IN LENGTH NOT INCLUDING LANDINGS OR TRANSITIONS.

DRAINAGE STRUCTURES SHOULD NOT BE PLACED IN LINE WITH RAMPS. THE LOCATION OF THE RAMP SHOULD TAKE PRECEDENCE OVER THE LOCATION OF THE DRAINAGE STRUCTURE. WHERE EXISTING DRAINAGE STRUCTURES ARE LOCATED IN THE RAMP PATH OF TRAVEL, USE A MANUFACTURER'S ADA COMPLIANT GRATE. OPENINGS SHALL NOT BE GREATER THAN 1/2". ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.

THE TOP OF THE JOINT FILLER FOR ALL RAMP TYPES SHALL BE FLUSH WITH THE ADJACENT CONCRETE.

CROSSWALK AND STOP LINE MARKINGS, IF USED, SHALL BE SO LOCATED AS TO STOP TRAFFIC SHORT OF RAMP CROSSINGS. SPECIFIC DETAILS FOR MARKING APPLICATIONS ARE GIVEN IN THE "MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

FLARED SIDES WITH A SLOPE OF 10% MAXIMUM, MEASURED ALONG THE ROADSIDE CURB LINE, SHALL BE PROVIDED WHERE AN UNOBSTRUCTED CIRCULATION PATH LATERALLY CROSSES THE SIDEWALK RAMP. FLARED SIDES ARE NOT REQUIRED WHERE THE RAMP IS BORDERED BY LANDSCAPING, UNPAVED SURFACE OR PERMANENT FIXED OBJECTS. WHERE THEY ARE NOT REQUIRED, FLARED SIDES CAN BE CONSIDERED IN ORDER TO AVOID SHARP CURB RETURNS AT RAMP OPENINGS.

DETECTABLE WARNING PLATES MUST BE INSTALLED USING FABRICATED OR FIELD CUT UNITS CAST AND/OR ANCHORED IN THE PAVEMENT TO RESIST SHIFTING OR HEAVING.

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

SIDEWALK RAMP AND
DETECTABLE WARNING DETAILS

F.H.W.A. APPROVAL	12-11-2017 PLAN DATE	R-28-J	SHEET 7 OF 7
-------------------	-------------------------	--------	-----------------

ATTACHMENT B – STATE OF MICHIGAN



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

REQUIREMENTS OF THE PREVAILING WAGES ON STATE PROJECTS ACT, PUBLIC ACT 166 OF 1965

The State of Michigan determines prevailing rates pursuant to the Prevailing Wages on State Projects Act, Public Act 166 of 1965, as amended. The purpose of establishing prevailing rates is to provide minimum rates of pay that must be paid to workers on construction projects for which the state or a school district is the contracting agent and which is financed or financially supported by the state. By law, prevailing rates are compiled from the rates contained in collectively bargained agreements which cover the locations of the state projects. The official prevailing rate schedule provides an hourly rate which includes *wage and fringe benefit totals* for designated construction mechanic classifications. The overtime rates also include *wage and fringe benefit totals*. Please pay special attention to the overtime and premium pay requirements. Prevailing wage is satisfied when wages plus fringe benefits paid to a worker are equal to or greater than the required rate.

State of Michigan responsibilities under the law:

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

Contracting agent responsibilities under the law:

- If a contract is not awarded or construction does not start within 90 days of the date of the issuance of rates, a re-determination of rates must be requested by the contracting agent.
- Rates for classifications needed but not provided on the Prevailing Rate Schedule, ***must*** be obtained ***prior*** to contracts being let out for bid on a state project.
- The contracting agent, by written notice to the contractor and the sureties of the contractor known to the contracting agent, may terminate the contractor's right to proceed with that part of the contract, for which less than the prevailing rates have been or will be paid, and may proceed to complete the contract by separate agreement with another contractor or otherwise, and the original contractor and his sureties shall be liable to the contracting agent for any excess costs occasioned thereby.

Contractor responsibilities under the law:

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

Enforcement:

A person who has information of an alleged prevailing wage violation on a state project may file a complaint with the State of Michigan. The department will investigate and attempt to resolve the complaint informally. During the course of an investigation, if the requested records and posting certification are not made available in compliance with Section 5 of Act 166, the investigation will be concluded and a referral may be made to the local prosecuting attorney.



STATE OF MICHIGAN
MICHIGAN PREVAILING WAGE RATE SCHEDULE
For Parking Lot, Road, Highway, Bridge & Airport Construction

General Information Regarding Fringe Benefits

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

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

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

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

Vacation	40 hours X \$14.00 per hour = \$560/2080 =	\$.27
Dental insurance	\$31.07 monthly premium X 12 mos. = \$372.84 /2080 =	\$.18
Vision insurance	\$5.38 monthly premium X 12 mos. = \$64.56/2080 =	\$.03
Health insurance	\$230.00 monthly premium X 12 mos. = \$2,760.00/2080 =	\$1.33
Life insurance	\$27.04 monthly premium X 12 mos. = \$324.48/2080 =	\$.16
Tuition	\$500.00 annual cost/2080 =	\$.24
Bonus	4 quarterly bonus/year x \$250 = \$1000.00/2080 =	\$.48
401k Employer Contribution	\$2000.00 total annual contribution/2080 =	\$.96
Total Hourly Credit		\$3.65

Other examples of the types of fringe benefits allowed:

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

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

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



STATE OF MICHIGAN
MICHIGAN PREVAILING WAGE RATE SCHEDULE
For Parking Lot, Road, Highway, Bridge & Airport Construction

OPERATING ENGINEERS CLASSIFICATION DESCRIPTIONS

- Class I** Asphalt Paver (self-propelled), Asphalt Planer (self-propelled), Asphalt Plant Operator, Auto-Grader, Blade Grader Operator, Batch Plant (concrete-central mix), Backhoe (with over 3/8 yard bucket), Bulldozer Operator, Concrete Pump 3" and over, Conveyor Loader Operator (euclid type), Crane Operator, Dragline Operator, Elevating Grader Operator, End-loader Operator (1 yard capacity or over), Slip Form Paver, Finishing Machine Operator (asphalt), Gradall Operator (and similar type machines), Hoisting Engineer, Hydro demolisher (water blaster), Locomotive Operator, Mechanic, Paver Operator (5 bags or more), Pump Operator (6" discharge or over, gas, diesel powered, or generator of 300 amp or larger), Pile Driving Operator, Roto Mill, Roller Operator (Asphalt), Side Boom Tractor (type D-4, equivalent or larger), Self-Propelled or Tractor Drawn Scraper, Slurry Machine (asphalt), Swinging Boom Truck (over 12 ton capacity), Shouldering or Gravel Distributing Machine Operator (self-propelled), Shovel Operator, Side Boom Tractor (type D-4 or equivalent or larger), Tractor Operator, Trenching Machine Operator (ladder or wheel type), Tube Finisher (slip form paving), Farm type tractor with attached pan
- Class II** Sweeper (wayne type & similar equipment), Screening Plant Operator, Washing Plant Operator, Crusher Operator, Vacuum Truck Operator, Backhoe (with 3/8 yard bucket or less), Side Boom Tractor (smaller than D-4 type or equivalent), Batch Plant (concrete-dry mix)
- Class II** Grease Truck
- Class III** Air Compressor Operator (600 cfm or more), Air Compressor (2 or more, less than 600 cfm), Concrete Breaker, Tractor Operator (farm type with attachments), Wagon Drill Operator
- Class IV** Boiler Fireman, Oiler, Fireman, Mechanic's Helper, Trencher (service), Flexplane Operator, Cleftplane Operator, Grader Operator Self-propelled Fine-Grade or Form (concrete), Finishing Machine Operator (concrete), End-loader Operator (under 1 yard capacity), Roller Operator (other than asphalt), Curing Equipment Operator (self-propelled), Concrete Saw Operator (Over 40 HP), Power Bin Operator, Plant Drier Operator (asphalt), Vibratory Compaction Equipment (6' wide or over), Guard Post Driver Operator (power driven), All Mulching Equipment, Stump Remover, Concrete Pump (under 3"), Mesh Installer (self-propelled), Tractor Operator (Farm Type) End Dumps, Boom or Winch Hoist Truck Operator, Skid Steer



STATE OF MICHIGAN
MICHIGAN PREVAILING WAGE RATE SCHEDULE
For Parking Lot, Road, Highway, Bridge & Airport Construction

LABORERS CLASSIFICATION DESCRIPTIONS

- Class 1** Asphalt Shoveler or Loader, Asphalt Raker Tender, Asphalt Plant Misc., Railroad Track and Trestle Laborer, Burlap Man, Carpenter's Tender, Top Man, Yard Man, Guard Rail Builder's Tender, Earth Retention Barrier and Wall and Mechanically Stabilized Earthen Wall Installers Tender, Highway and Median Barrier Installer's Tender (including Sound, Retaining and Crash Barrier), Fence Erector's Tender, Dumper (wagon, truck, etc.) Joint Filling Labor, Misc., Unskilled Labor, Sprinkler Labor, Form Setting Labor, Form Stripper, Pavement Reinforcing, Handling and Placing (e.g. wire mesh, steel mats, dowel bars, etc.) Mason's or Bricklayer's Tender on Manholes, Manhole Builder, Headwalls, etc., Waterproofing (other than buildings), Seal Coating and Slurry Mix, Shoring, Underpinning, Bridge Painting, etc. (spray, roller and brush) Sandblasting, Pressure Grouting, and Bridge Pin and Hanger Removal, Material Recycling Laborer, Horizontal Paver (brick, concrete, clay, stone and asphalt) Ground Stabilization and Modification Laborer, Grouting, Waterblasting, Sign Installer and remote control operated equipment.
- Class 2** Mix Operator (less than 5 sacks), Air or Electric Tool Operator (jack hammer, etc.), Spreader, Boxman (asphalt, stone, gravel, etc.), Concrete Paddler, Power Chain Saw Operator, Paving Batch Truck Dumper, Tunnel Mucker (highway work only), Concrete Saw Operator (under 40 H.P.), Dry Pack Machine and Roto-Mill Grounds Person.
- Class 3** Tunnel Miner (highway work only), Finishers Tender, Guard Rail Builder, Highway and Median Barrier Installer, Fence Erector, Bottom Man, Powder Man, Wagon Drill and Air Track Operators, Curb and Side Rail Setters' Tender, Diamond & Core Drills, Earth Retention Barriers, Walls and Mechanically Stabilized Earthen Wall Installer (including sound, retaining and crash barrier), grade checker and certified welder.
- Class 4** Asphalt Raker
- Class 5** Pipe Layers, Oxy-gun
- Class 6** Line-Form Setter for Curb or Pavement and asphalt screed checker/screw man on asphalt paving machines.
- Class 7** Concrete Specialist, finishing and troweling, of cast in place or precast concrete by any and all methods.



STATE OF MICHIGAN
MICHIGAN PREVAILING WAGE RATE SCHEDULE
For Parking Lot, Road, Highway, Bridge & Airport Construction
OVERTIME PROVISIONS FOR Road Builder PREVAILING WAGE RATE SCHEDULE

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

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

Overtime for Monday thru Friday after 8 hours:

the 1st character is for time worked in the 9th hour (8.1 - 9 hours)

the 2nd character is for time worked in the 10th hour (9.1 - 10 hours)

the 3rd character is for time worked beyond the 10th hour (10.1 and beyond)

Overtime on Saturday:

the 4th character is for time worked in the first 8 hours on Saturday (0 - 8 hours) the 5th

character is for time worked in the 9th hour on Saturday (8.1 - 9 hours) the 6th character is

for time worked in the 10th hour (9.1 - 10 hours)

the 7th character is for time worked beyond the 10th hour (10.01 and beyond)

Overtime on Sunday & Holidays

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

4 Ten hour days @ Straight Time

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

2. Overtime Indicators Used in the Overtime Provision: H -means

TIME AND ONE-HALF due

D -means DOUBLE PAY due

X means TIME AND ONE HALF due after 40 hours worked

Y means YES an optional 4-day 10-hour per day workweek can be worked without paying overtime after 8 hours worked

N -means NO optional 4-day 10-hour per day workweek can be worked without paying overtime after 8 hours worked

3. EXAMPLES:

HHHHHHDDY - This example shows that the 1½ rate must be used for time worked after 8 hours Monday thru Friday (characters 1 - 3)and for all hours worked on Saturday, (characters 4 - 6), except hours worked after 10 hours on Saturday (7th character). Work done after 10 hours must be paid at the double time rate. Work done on Sunday or holidays must be paid double time (character 8). The Y (character 9) indicates that 4 ten-hour days is an acceptable alternative workweek at regular pay.

HHHHHHHHY means that the 1½ rate must be used for time worked after 8 hours worked Monday thru Friday (characters 1-3); and for any hours worked on Saturdays, Sundays or holidays (characters 4-8). The Y (character 9) indicates that 4 ten-hour days is an acceptable alternative workweek at regular pay.

XXHXXXHDY this example allows 4 ten hour days Monday thru Saturday to be worked. Hours worked beyond ten Monday thru Saturday OR hours worked after 40 hours in one week must be paid at time and one half. Sunday or holiday hours must be paid at double.



STATE OF MICHIGAN
MICHIGAN PREVAILING WAGE RATE SCHEDULE
For Parking Lot, Road, Highway, Bridge & Airport Construction
CARPENTER CRAFT JURISDICTION

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

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

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

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



STATE OF MICHIGAN
MICHIGAN PREVAILING WAGE RATE SCHEDULE
For Parking Lot, Road, Highway, Bridge & Airport Construction
CARPENTER CRAFT JURISDICTION

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



STATE OF MICHIGAN
MICHIGAN PREVAILING WAGE RATE SCHEDULE
For Parking Lot, Road, Highway, Bridge & Airport Construction
CARPENTER CRAFT JURISDICTION

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



STATE OF MICHIGAN
MICHIGAN PREVAILING WAGE RATE SCHEDULE
For Parking Lot, Road, Highway, Bridge & Airport Construction
CARPENTER CRAFT JURISDICTION

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



STATE OF MICHIGAN
MICHIGAN PREVAILING WAGE RATE SCHEDULE
For Parking Lot, Road, Highway, Bridge & Airport Construction
CARPENTER CRAFT JURISDICTION

PILE DRIVING AND CAISSON DRILLING

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

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

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

All cleaning and preparation of all piling prior to driving.

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

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

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

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

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

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



STATE OF MICHIGAN
MICHIGAN PREVAILING WAGE RATE SCHEDULE
For Parking Lot, Road, Highway, Bridge & Airport Construction
CARPENTER CRAFT JURISDICTION

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

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

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

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

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

ASBESTOS ABATEMENT CARPENTERS

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