

1. City Council Meeting Agenda

Documents:

[REGULAR COUNCIL - 01 OCT 2019 - AGENDA.PDF](#)

2. City Council Meeting Packet

Documents:

[REGULAR COUNCIL - 01 OCT 2019 - PACKET.PDF](#)



**CITY OF YPSILANTI  
REGULAR COUNCIL MEETING  
Tuesday, October 1, 2019 @ 7:00 PM  
Council Chambers  
One South Huron, Ypsilanti, MI 48197**

Page

**I. CALL TO ORDER**

**II. ROLL CALL**

**III. INVOCATION**

**IV. PLEDGE OF ALLEGIANCE**

- A. I pledge allegiance to the flag, of the United States of America, and to the Republic for which it stands, one nation, under God, indivisible, with liberty and justice for all.

**V. AGENDA APPROVAL**

**VI. INTRODUCTIONS**

**VII. PUBLIC COMMENT (3 MINUTES)**

**VIII. CONSENT AGENDA**

**IX. RESOLUTIONS/MOTIONS/DISCUSSIONS**

- A. Resolution No. 2019-224, approving Ordinance 1342 entitled, "an ordinance to amend City Code adding Chapter 79, Article I Ypsilanti Arts Commission".  
**(Second Reading)**
- B. Resolution No. 2019-225, awarding the 2019 METRO Ramps Contract to GM & Sons, Inc for the bid amount of \$61,500.

**X. LIAISON REPORTS**

1. SEMCOG Update
2. Washtenaw Area Transportation Study
3. Urban County
4. Ypsilanti Downtown Development Authority
5. Friends of Rutherford Pool
6. Housing Equity Leadership Team

**XI. COUNCIL PROPOSED BUSINESS**

**XII. COMMUNICATIONS FROM THE MAYOR**

**XIII. COMMUNICATIONS FROM THE CITY MANAGER**

**XIV. COMMUNICATIONS**

- A. Washtenaw County Model Pet Acquisition Ordinance

**XV. PUBLIC COMMENT (3 MINUTES)**

**XVI. REMARKS FROM THE MAYOR**

**XVII. ADJOURNMENT**

- A. Resolution No. 2019-226, adjourning the City Council Meeting.



**CITY OF YPSILANTI  
REGULAR COUNCIL MEETING  
Tuesday, October 1, 2019 @ 7:00 PM  
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**(Second Reading)**  
[2019-224 - Pdf](#)

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1. SEMCOG Update
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**XIII. COMMUNICATIONS FROM THE CITY MANAGER**

**XIV. COMMUNICATIONS**

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- A. Washtenaw County Model Pet Acquisition Ordinance  
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**XV. PUBLIC COMMENT (3 MINUTES)**

**XVI. REMARKS FROM THE MAYOR**

**XVII. ADJOURNMENT**

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- A. Resolution No. 2019-226, adjourning the City Council Meeting.  
[2019-226 - Pdf](#)



Resolution No. 2019-224  
October 1, 2019

**RESOLVED BY THE COUNCIL OF THE CITY OF YPSILANTI:**

**The certain ordinance entitled "Art, Ypsilanti Art Commission" to add Chapter 79 to the Ypsilanti City Code, be adopted on Second and Final Reading.**

OFFERED BY: \_\_\_\_\_

SECONDED BY: \_\_\_\_\_

YES:                                      NO:                                      ABSENT:                                      VOTE:

This resolution is adopted by the Council of the City of Ypsilanti and approved by the Mayor this  
1 day of October 2019

#Resolution No. 2019-224



**CITY OF YPSILANTI  
NOTICE OF ADOPTED ORDINANCE  
ORDINANCE NO. 1342**

An Ordinance Entitled "Arts Commission Ordinance 2nd"

THE CITY OF YPSILANTI ORDAINS:

**Chapter 79**

**ART**

**ARTICLE I. YPSILANTI ART COMMISSION**

**Sec. 79.00 Intent**

The state of Michigan has recognized, through the enactment of The Faxon-McNamee Art in Public Places Act (MCL 18.71 et. seq.), the importance of promoting art in government spaces and facilities. City council has determined that the creation and presence of public art will advance the interests of the City, aid in enhancement of property values, improve the aesthetic quality of public spaces and structures, provide cultural and recreational opportunities, contribute to the local heritage, stimulate economic activity and promote the general welfare of the community. City council recognizes the responsibility of government to foster the development of culture and the arts. It is therefore declared to be municipal policy to promote public art.

- (1) Public art definition. *Public art* means works of art created, purchased, produced or otherwise acquired for display in public spaces or facilities. Public art may include artistic design features incorporated into the architecture, layout, design or structural elements of the space or facility. Public art may be any creation, production, conception or design with an aesthetic purpose, including freestanding objects d'art, sculptures, murals, mosaics, ornamentation, painting, paint or decoration schemes, use of particular structural materials for aesthetic effect, spatial arrangement of structures, architectural design features, mixed media, digital art, photography, and performance art and music.
- (2) Diversity. The City of Ypsilanti is a diverse community as reflected in the City Logo, Pride, Diversity, Heritage. The policy of the City of Ypsilanti is to celebrate Pride, Diversity and Heritage and the Ypsilanti Art Commission is charged to recognize this policy and promote the policy in the work and selections of the Commission.

#Ordinance No. 1342-Arts Commission Ordinance 2nd

**Sec. 79.01 Creation; Composition; Appointment**

The Ypsilanti Art Commission is created and shall consist of not less than five and not more than nine members, and two non-voting youth members appointed by the mayor, subject to the confirmation of city council.

**Sec. 79.02 Purpose, Objectives, Powers and Duties**

- (1) Purpose. The purpose of the Ypsilanti Art Commission (YAC) is to act as an advisory body to the mayor, city council and city manager for all things art in the City of Ypsilanti.
- (2) Objectives. The YAC shall promote art in the City of Ypsilanti and promote the City policy of Pride, Diversity and Heritage. To educate the public why the arts, culture and creative industries are important to the City of Ypsilanti and to cultivate a community culture and environment that embraces and nurtures artistic and creative assets. To promote and further diversity, equity and inclusion of all of Ypsilanti in the arts.
- (3) Powers. The YAC shall have the following powers:
  - (A) Promulgate guidelines, subject to the approval of City Council, to support art in the City of Ypsilanti and provide procedures for soliciting and selecting public art and artistic events and for determining suitable locations for events and the display of art within the City.
  - (B) By April 1 of each year, submit to City Council a plan detailing potential projects and desirable goals to be pursued in the next fiscal year;
  - (C) Make determinations, subject to the approval of the City Manager, for each proposed project as to whether it is eligible for public art funding and, if so, calculate the total costs of the project and the total amount of City art funding required;
  - (D) Make recommendations, subject to the approval of the City Manager, regarding disbursement of public art funds to promote, show, acquire, produce, install, maintain, alter, relocate or remove art;
  - (E) Make recommendations to the City Manager and City Council regarding proposed art for urban art, billboards, parks, DDA area, alleyways, bridges, overpasses, Border to Border Trail, undeveloped and underdeveloped property or foreclosed properties.
  - (F) Raise funds for public, identify grant opportunities, interact with donors of funds or art works on behalf of the city, and foster public/private partnerships to support public art;
  - (G) Investigate and promote cooperative ventures, collaboration, joint ventures and partnerships for art, art projects and art installations with the State of Michigan,

County of Washtenaw, Eastern Michigan University, Ypsilanti Community Schools, Washtenaw Intermediate School District, Ann Arbor Area Transportation Authority, Huron River Water Council, Ozone House and other entities, subject to final approval of the City Council.

- (H) Promote awareness of art through all available methods including education, marketing, events, social media, and other tools as appropriate
- (I) Promote economic development in art by encouraging and promoting opportunities and business that engage and/or employ artists, performers and other people in the arts.
- (J) Identify public functions and services and non-profit and profit business and cultural opportunities to support local artists and artistic services.
- (K) Create an Arts Plan for the City with goals and vision for the work of the Commission and City related to supporting and fostering Arts in Ypsilanti.
- (L) Present an annual report to City Council within 60 days after the end of each fiscal year containing:
  - (i) A report on the status of all art incorporated into or funded by City projects in progress or completed during the preceding fiscal year;
  - (ii) A maintenance report on each work of public art presently under City management detailing maintenance costs for the preceding fiscal year, anticipated maintenance costs for the next fiscal year, and any significant future maintenance concerns, including prioritized recommendations for the maintenance, repair or renovation of particular works;
  - (iii) A review of the City's public art.
  - (iv) A report on YAC's efforts to promote awareness of public art;
  - (v) A report on donations of art and where such art was placed;
  - (vi) A report on additional funds raised and how such funds were used; and
  - (vii) Any other matter of substantial financial or public importance relating to the art in the City.
- (M) Perform any related duty delegated by City Council; and
- (N) Provide advice to and assist both potential donors of art and other governmental entities regarding possible public locations for placement of art when such art

cannot be placed on any City property or incorporated into a capital project of the City.

(O) Act as City liaison with the general public for City public art projects.

**Sec 79.03**      **Limitations on powers.** YAC does not have authority to enter into contracts or otherwise create a contractual obligation for the City. The selection of public works of art, artists and contractors to design, create, maintain or perform work otherwise related to public works of art, and all contracts for such works of art and work, shall be done and awarded in accordance with City Charter, City Code and City policies and procedures governing the award of contracts.

#### **Sec 79.04      Membership**

Section 1. The YAC shall consist of not less than five nor more than nine voting members, and two non-voting youth members nominated by the Mayor and approved by City Council. The City Manager or her designee shall be a nonvoting ex-officio member of YAC. Appointments of the voting members shall be made from candidates who have the following expertise or affiliation:

- Persons who, insofar as possible, have experience and/or an interest in the placement, creation, or design of public art.

Section 2. All members of YAC, including members of its subcommittees, shall serve without compensation.

Section 3. All voting members of YAC shall be appointed for a three-year term. In order to ensure that approximately one third of the voting members' appointments expire each year, initial appointments shall be one third of members for a one-year term, One third of members for a two-year term, and one third of members for a three-year term.

Section 4. Recognizing that art has no geographical boundaries, one member of the YAC shall be a non-resident of the City. Consistent with City Code sec. 2.111, all other members of YAC shall be residents of the City of Ypsilanti, unless an exception is granted by a resolution of City Council with an affirmative vote of at least 5 members.

Section 5. Any vacancy on YAC occurring in the middle of a term shall be filled for the remainder of the term in the same manner as for full-term appointments.

Section 6. Members are expected to attend regularly scheduled meetings and to notify the Chair and the City Clerk in advance if they expect to be tardy or absent. If a member misses more than three (3) regularly scheduled meetings in a twelve (12) month period, the Chair shall notify the Mayor and may recommend removal of the member.

Section 7. A member of YAC may be removed by City Council for cause following notice and a hearing.

## **Section 79.05 Ethics and Conflicts of Interest**

Section 1. A member of YAC shall abstain from discussion or voting on any matter where that member is involved in a real or apparent conflict of interest.

Section 2. A member of YAC shall neither solicit nor accept gratuities, favors, or anything of monetary value from persons or entities in a position to benefit from a decision of YAC.

Section 3. A member of YAC shall not obtain, for himself/herself or for any person with whom he/she has business or family ties, any financial or beneficial interest in a matter which may be affected by a decision of YAC. This restriction shall apply during the member's tenure on YAC and for one year thereafter.

Section 4. A member of YAC shall abstain from discussion or voting on any matter from which that member, any member of his/her immediate family, his/her partner, or a person with whom the member has family or business ties may obtain a financial interest or other benefit.

Section 5. Except where it violates a confidence, a member of YAC shall disclose all pertinent facts regarding any possible conflict, real or apparent, and those facts shall be recorded in the minutes of the proceedings. The member may then abstain from discussion and voting on the matter.

Section 6. Members of YAC shall complete an annual disclosure of organization affiliations and shall update this disclosure in writing at any time during the year when such affiliations change.

Section 7. Members of YAC shall comply with the above ethical requirements and the City of Ypsilanti Ethics Ordinance, Ypsilanti City Code sec. 46.71 et seq. and all applicable laws governing conflicts of interest.

Section 8. Employment by or membership in an educational organization, art association, art museum, library, art gallery, or any art associated business shall not be a conflict of interest per se that would prohibit being a member of YAC.

Section 8: A member of YAC shall not use his/her position on YAC to advance his/her own personal gain or advantage.

**Sec. 79.06 Meetings.** The YAC shall hold meetings not less than every 30 days. All meetings of YAC and its subcommittees shall be open to the public and conducted in accordance with the Michigan Open Meetings Act (PA 267 of 1976), as amended. Closed sessions may be called for purposes listed in the Open Meetings Act.

**Sec. 79. 06 Bylaws.** The YAC shall adopt bylaws subject to the approval of the City Attorney and City Council on or before the YAC third meeting.

MADE, PASSED, AND ADOPTED BY THE YPSILANTI CITY COUNCIL THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2019

\_\_\_\_\_  
Andrew Hellenga, City Clerk

Attest

I do hereby confirm that the above Ordinance No. \_\_\_\_\_ was published in the Washtenaw Legal News on the \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Andrew Hellenga, City Clerk

CERTIFICATE OF ADOPTING

I hereby certify that the foregoing is a true copy of the Ordinance passed at the regular meeting of the City Council held on the \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Andrew Hellenga, City Clerk

Notice Published: \_\_\_\_\_

First Reading: \_\_\_\_\_

Second Reading: \_\_\_\_\_

Published: \_\_\_\_\_

Effective Date: \_\_\_\_\_

#Ordinance No. 1342-Arts Commission Ordinance 2nd



## REQUEST FOR LEGISLATION

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**TO:** Mayor and City Council  
**FROM:** Ron Akers  
**DATE:** October 1, 2019  
**SUBJECT:** 2019 METRO Ramps

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**DESCRIPTION:**  
2019 METRO Ramps

**SUMMARY:**

As part of a Consent Decree entered into by the City of Ypsilanti in 2005, the City is required to spend \$100,000 each year retrofitting existing sidewalk ramps to ADA standards until all of the sidewalk ramps in the City have been retrofitted. This is accomplished by utilizing Community Development Block Grant (CDBG) funds and METRO Act funds that we receive from the State of Michigan. The Department of Public Services administers these as two (2) separate contracts and this proposal before council is the METRO contract for sidewalk ramp improvements. The proposed locations of the sidewalk ramps to be retrofitted are as follows:

S. Hamilton St. @ Ferris St. – Northeast Corner – 1 Ramp  
S. Hamilton St. @ Ferris St. – Northwest Corner – 1 Ramp  
S. Hamilton St. @ Ferris St. – Southwest Corner – 1 Ramp

Hawkins St. @ Frederick St. – Northwest Corner – 1 Ramp  
Hawkins St. @ Frederick St. – Southwest Corner – 1 Ramp

Hawkins St. @ Hill St. – Northwest Corner – 1 Ramp  
Hawkins St. @ Hill St. – Southwest Corner – 1 Ramp

Hawkins St. @ Franklin St. – Northeast Corner – 1 Ramp  
Hawkins St. @ Franklin St. – Northwest Corner – 1 Ramp  
Hawkins St. @ Franklin St. – Southeast Corner – 2 Ramps  
Hawkins St. @ Franklin St. – Southwest Corner – 2 Ramps

Harriet St. @ 1st Ave. – Northwest Corner – 1 Ramp  
Harriet St. @ 1st Ave. – Southwest Corner – 1 Ramp

2nd Ave. @ Small Pl. – Northwest Corner – 1 Ramp  
2nd Ave. @ Small Pl. – Southwest Corner – 1 Ramp

A sealed bid for the project was received at 11:00 am on September 25, 2019 in the City of Ypsilanti Council Chambers. GM & Sons, Inc was the lowest responsive bidder at \$61,500 and it has been recommended by the City Engineer to award this contract to them. The proposed contract will be submitted to the City Attorney for review and any approval should be conditioned upon City Attorney approval.

**RECOMMENDED ACTION:**

Based on the recommendation from the City Engineer staff recommends City Council award the 2019 METRO Ramps contract to GM & Sons, Inc. for the bid amount of \$61,500.

ATTACHMENTS: Engineer Recommendation Letter; Bid Tabulation; Proposed Construction Contract/Documents;

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CITY MANAGER APPROVAL: \_\_\_\_\_ COUNCIL AGENDA DATE: \_\_\_\_\_

CITY MANAGER COMMENTS: \_\_\_\_\_

FISCAL SERVICES DIRECTOR APPROVAL: \_\_\_\_\_



Resolution No. 2019-225  
October 1, 2019

**RESOLVED BY THE COUNCIL OF THE CITY OF YPSILANTI:**

**WHEREAS, funding has been programmed for the retrofitting of existing sidewalk ramps in the City of Ypsilanti; and,**

**WHEREAS, the City of Ypsilanti has solicited sealed bids for the project and conducted a bid opening at 11:00 am on September 25, 2019; and,**

**WHEREAS, two (2) bids were received for the project and the lowest bid received was from GM & Sons, Inc. in an amount of \$61,500; and,**

**WHEREAS, GM & Sons, Inc. has met the qualifications to perform the above mentioned work;**

**NOW THEREFORE BE IT RESOLVED THAT that the City of Ypsilanti awards the 2019 METRO Ramps contract to GM & Sons, Inc. for the bid amount of \$61,500.**

**THAT the Mayor and City Clerk are authorized to sign this contract, subject to approval by the City Attorney, to facilitate the completion of this work and any change orders shall be approved by the City Manager.**

OFFERED BY: \_\_\_\_\_

SECONDED BY: \_\_\_\_\_

YES:                                      NO:                                      ABSENT:                                      VOTE:

This resolution is adopted by the Council of the City of Ypsilanti and approved by the Mayor this  
1 day of October 2019

#Resolution No. 2019-225



ARCHITECTS. ENGINEERS. PLANNERS.

September 25, 2019

City of Ypsilanti  
One Huron Street  
Ypsilanti MI 48197

Attention: Ron Akers, AICP  
Director of Public Services  
City of Ypsilanti

Regarding: Recommendation of Award  
2019 Ramp Program

Dear Mr. Akers:

Sealed bids for the 2019 Ramp Program were received and publicly read aloud at 11:00 am on Wednesday, September 25, 2019 in the City of Ypsilanti Council Chambers. Two proposals were received with bid prices ranging from \$61,500 to \$63,000. The detailed bid tabulation is attached.

GM & Sons, Inc bid was \$61,500 and is the lowest responsive bidder on the project. All required information, including bond surety, Iran Linked Business Certification, statement of qualifications, and subcontractor listing, has been provided.

It appears GM & Sons, Inc is capable of performing the work based on past experiences, referenced projects, and information provided with the statement of qualifications in the bid package. Based on the submitted information, it is recommended that the City of Ypsilanti, 2019 Ramp Program contract be awarded to GM & Sons, Inc. for the bid amount of \$61,500.

Should there be any questions, please contact this office at (734) 522-6711.

Sincerely,  
OHM Advisors

A black rectangular redaction box covering the signature of Rachel Jackson.

Rachel Jackson, P.E.

CC: Frances McMullan, City Manager

P:\0000\_0100\0094190030\_2019\_CDBG\_Ramps\PM\Correspondence\2019 CDBG Bid Award Recommendation Letter.docx\

Attachment: Bid Tab

**OHM Advisors**  
34000 PLYMOUTH ROAD  
LIVONIA, MICHIGAN 48150

T 734.522.6711  
F 734.522.6427

OHM-Advisors.com

Tabulation for Bids Received on 9/25/19  
 2019 Ramp Program  
 City of Ypsilanti, Washtenaw County, State of Michigan  
 OHM Job No.: 0094-19-0051

GM & Sons, Inc.  
 6784 Whitmore Lake Road  
 Whitmore Lake, MI 48189

Saladino Construction Co., Inc  
 3303 North Territorial Rd. W.  
 Ann Arbor, MI 48105

Phone: (734) 929-1259

Phone: (734) 665-5913

| Item<br>No.      | Description                             | Estimated<br>Quantity |     | Unit<br>Price | Amount             | Unit<br>Price | Amount             |
|------------------|-----------------------------------------|-----------------------|-----|---------------|--------------------|---------------|--------------------|
| 1)               | Mobilization, Max 10%                   | 1                     | LS  | \$5,255.00    | \$5,255.00         | \$5,500.00    | \$5,500.00         |
| 2)               | Traffic Control and Maintenance         | 1                     | LS  | \$1,500.00    | \$1,500.00         | \$2,000.00    | \$2,000.00         |
| 3)               | Curb and Gutter, Rem                    | 250                   | Ft  | \$20.00       | \$5,000.00         | \$12.00       | \$3,000.00         |
| 4)               | Pavt, Rem                               | 40                    | Syd | \$40.00       | \$1,600.00         | \$16.00       | \$640.00           |
| 5)               | Sidewalk, Rem                           | 125                   | Syd | \$32.00       | \$4,000.00         | \$18.00       | \$2,250.00         |
| 6)               | HMA, 13A, Repair                        | 20                    | Ton | \$425.00      | \$8,500.00         | \$200.00      | \$4,000.00         |
| 7)               | Curb and Gutter, Conc, Det F3           | 120                   | Ft  | \$30.00       | \$3,600.00         | \$50.00       | \$6,000.00         |
| 8)               | Curb Ramp Opening, Conc                 | 150                   | Ft  | \$30.00       | \$4,500.00         | \$60.00       | \$9,000.00         |
| 9)               | Detectable Warning Surface              | 125                   | Ft  | \$50.00       | \$6,250.00         | \$50.00       | \$6,250.00         |
| 10)              | Sidewalk Ramp, Conc, 6 inch             | 780                   | Sft | \$8.50        | \$6,630.00         | \$13.00       | \$10,140.00        |
| 11)              | Sidewalk, Conc, 4 inch                  | 650                   | Sft | \$8.50        | \$5,525.00         | \$12.00       | \$7,800.00         |
| 12)              | Pavt Mrkg, Polyurea, 6 inch, Crosswalk  | 550                   | Ft  | \$4.00        | \$2,200.00         | \$6.00        | \$3,300.00         |
| 13)              | Pavt Mrkg, Polyurea, 12 inch, Crosswalk | 180                   | Ft  | \$8.00        | \$1,440.00         | \$10.00       | \$1,800.00         |
| 14)              | Surface Restoration                     | 220                   | Syd | \$25.00       | \$5,500.00         | \$6.00        | \$1,320.00         |
| TOTAL BID AMOUNT |                                         |                       |     |               | <u>\$61,500.00</u> |               | <u>\$63,000.00</u> |

**CONTRACT DOCUMENTS  
FOR  
2019 RAMP PROGRAM**

**CITY OF YPSILANTI  
YPSILANTI, MI 48197**

**OHM Advisors**  
34000 Plymouth Road  
Livonia, Michigan 48150

0094-19-0050  
September 11, 2018

2019 Ramp Program  
City of Ypsilanti  
0094-19-0050  
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## ADVERTISEMENT FOR BID

2019 Ramp Program  
City of Ypsilanti  
September 11, 2019

Sealed Bids for 2019 Ramp Program will be received at the office of the City of Ypsilanti until 11:00 am local time, on September 25, 2019, by the office of the City Clerk located at 1 South Huron Street, Ypsilanti, MI 48197. The major items of work involved are as follows:

Construct ADA-compliant curb ramps at several locations within the City of Ypsilanti.

Bidding Documents may be obtained after September 11, 2019 at 2:00 pm on BidNet Direct website (formerly MITN). Neither Owner nor ENGINEER will be responsible for full or partial sets of Bidding Documents, including Addenda if any, obtained from sources other than BidNet Direct website. Bidders should direct correspondence to the ENGINEER at [rachel.jackson@ohm-advisors.com](mailto:rachel.jackson@ohm-advisors.com).

Bid Security in the form of a Bid Bond for a sum no less than five percent (5%) of the amount of the Bid will be required with each Bid.

The OWNER reserves the right to accept any Bid, reject any Bid, or waive irregularities in Bids.

No Bid may be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receipt of the Bids.

No pre-bid meetings are scheduled for this project.

Andrew Hellenga, City Clerk  
City of Ypsilanti

## INSTRUCTIONS TO BIDDERS

### 1. BIDS

- A. Sealed Bids will be received as per Advertisement for Bids.
- B. Bid Forms shall be submitted only on forms provided by the ENGINEER and shall be of the type specified in the Bid Form.
- C. Bid Forms must be completed legibly in ink or by typewriter. In case of a discrepancy between the unit price and the extended amount, the unit price shown shall govern. Illegibility of any figure or word in the Bid Form may be sufficient cause for rejection of the Bid by the OWNER.
- D. Bid Forms shall be enclosed in sealed envelopes marked with the name of the project and Bidder and shall be delivered to the OWNER at the place specified in the Advertisement for Bids on or before the time specified in the Advertisement for Bids.
- E. Bid Forms shall be made in full conformity with all the conditions set forth in the drawings and in these specifications

### 2. NAME AND STATUS OF BIDDER

- A. The name and legal status of Bidder, that is, as a corporation, partnership or individual, shall be stated in the Bid Form.
- B. Anyone signing a Bid Form as an agent of another or others must submit with the Bid Form legal evidence of his authority to do so.
- C. The place of residence of each Bidder, or the office address in the case of a firm or company, with county and state, must be

given after his signature. Phone and fax numbers are also required.

### 3. BID SECURITY

Each Bid must be in the form requested in the Advertisement for Bid. The CONTRACTOR shall complete and sign the Bid Guarantee form (page BG-1). If a Bid Bond is requested, it must be from a Treasury Listed surety company licensed to do business in the state of Michigan in the amount as stated in the Advertisement for Bid, payable to the OWNER as a guarantee on the part of the Bidder that he will, if called upon, enter into the attached Agreement.

### 4. BONDS

- A. CONTRACTOR will be required to furnish performance and payment bonds each equal to one-hundred percent (100%) of the Contract Sum. The bonds shall be the OWNER's guarantee of the faithful performance and payment of all the CONTRACTOR's obligations under the Agreement. These bonds shall remain in effect for the period as stated in each bond's provisions.
- B. Maintenance and Guarantee Bonds shall be required.

### 5. INSPECTION OF SITE

- A. Before submitting a Bid Form, each Bidder shall personally inspect the site of the proposed work to arrive at a clear understanding of the conditions under which the work is to be done.
- B. Each Bidder shall be held to have compared the premises with the Bid documents and to have satisfied himself as to conditions of the premises, existing construction and any other conditions

affecting the carrying out of the work before delivery of his Bid Form.

- C. No allowance or extra consideration on behalf of the CONTRACTOR will subsequently be allowed by reason of error or oversight on the part of the CONTRACTOR or on account of interference by the OWNER's or other CONTRACTOR's activities.

#### 6. TIME OF COMPLETION

Time of completion will be as stated in the Agreement.

#### 7. EXPLANATION TO BIDDERS BY ADDENDA

- A. Neither the OWNER nor the ENGINEER will give verbal answers to inquiries regarding the meaning or intent of the Contract Documents prior to award of the Contract. Any verbal statements regarding same by any person prior to the award shall be without legal effect.
- B. Explanations desired by Bidders shall be requested of the ENGINEER in writing and, if explanations are necessary, a reply will be made in the form of an addendum, a copy of which will be forwarded to each Bidder of Record whose work is affected.
- C. Addenda issued to Bidders prior to date of receipt of Bid Forms shall become a part of the Contract Documents, and all Bid Forms shall include the work described in the Addenda.
- D. No inquiry received within four (4) business days of the date fixed for opening of the Bids will be given consideration.
- E. Failure of the ENGINEER to send, or the Bidder to receive, any such interpretations shall not relieve the Bidder from obligation under his Bid as submitted.

- F. Bidder of Record is defined as an individual, partnership or corporation having purchased a set of Bid Documents from the ENGINEER.

#### 8. EXPERIENCE AND FINANCIAL STATEMENT

- A. It is the intention of the OWNER to award the Contract to a contractor fully capable, both financially and as regards to experience to perform and complete the work in a satisfactory manner. Each Bidder must complete the Statement of Qualifications, which follows the Bid Form. If required by the OWNER, each Bidder under consideration may be required to submit additional evidence of qualifications.
- B. Each Bidder under consideration must be able to demonstrate that the Bidder has successfully completed projects of a similar nature and scope within the last two years.

#### 9. SUBCONTRACTORS

Bidder shall submit to OWNER a list of all subcontractors and other persons and organizations (including those who are to furnish the principal items of material and equipment) proposed for those portions of work as to which such identification is so required. If requested by the OWNER, the apparent successful Bidder and any other Bidder so requested, will, within ten (10) days after the day of Bid opening, submit a Statement of Qualifications with pertinent information as to similar projects and other evidence of qualification for each such subcontractor, person and organization if requested by the OWNER. If the OWNER or ENGINEER, after due investigation, has reasonable objection to any proposed subcontractor, other person or organization, OWNER may request the apparent successful Bidder to submit an acceptable substitute without an increase in Bid price. If the apparent successful Bidder declines to make any such substitutions, the Contract shall not

be awarded to such Bidder, but his declining to make any such substitution will not constitute grounds for sacrificing his Bid Security. Any subcontractor, other person or organization so listed and to whom the OWNER or ENGINEER does not make written objection prior to signing of the Agreement will be deemed acceptable to the OWNER and ENGINEER.

#### 10. AWARD OF CONTRACT

The OWNER reserves the right to accept any Bid, to reject any or all Bids, and to waive defects or irregularities in any Bid for any reason or no reason at all. The OWNER also reserves the right to award some, none, or all of the Contract.

*End of Section*

#### 11. LIQUIDATED DAMAGES/INCENTIVES

- A. If the CONTRACTOR fails to complete all the work within the time stipulated, he will be assessed liquidated damages as set forth in the Agreement.
- B. If set forth in the Agreement, incentives will be paid by OWNER to CONTRACTOR at the rate specified in the Agreement, when the work is completed prior to the time specified in the Agreement.

#### 12. TAXES

The Bidder shall include in the base Bid and shall pay all applicable federal, state and local taxes of whatever character and description.

## SUPPLEMENTAL INSTRUCTIONS TO BIDDERS

These Supplemental Instructions to Bidders (SIB) amend or supplement the Instructions to Bidders. All provisions that are not so amended or supplemented remain in full force and effect.

### A. Time of Completion & Construction Schedule

Prior to the execution of the Contract, the CONTRACTOR shall submit an outline of his proposed order of work and indicate dates for completing the major items of work. Major items shall be considered to be removal of existing curb and sidewalk, pavement repairs, construction of ADA compliant sidewalk ramps, and surface restoration. This schedule, when approved by the OWNER, shall become part of the Contract.

A pre-construction meeting shall be arranged prior to the start of work. The CONTRACTOR shall bring a tentative schedule to the pre-construction meeting. At this time, all Contract requirements shall be reviewed.

It is anticipated that construction will begin on October 21, 2019. The CONTRACTOR shall complete the proposed work, including final tests thereof, in order to have the sidewalk, all pavement and curb repairs and pavement markings finished as of the substantial completion date. Final cleanup and restoration shall be finished by the project completion date, unless otherwise directed in writing by the OWNER or its ENGINEER.

Summary of anticipated dates:

|                               |                   |
|-------------------------------|-------------------|
| Contract Award .....          | October 1, 2019   |
| Construction Start Date ..... | October 21, 2019  |
| Substantial Completion .....  | December 15, 2019 |
| Project Completion.....       | April 30, 2020    |

All requests for extensions of time shall be submitted in writing in accordance with Section 15 of the General Conditions. Such requests shall:

1. Detail the reason for the request.
2. Provide a realistic revised completion date.
3. Indicate any other areas that may be impacted by such an extension.

The CONTRACTOR shall request a deadline extension as soon as it has become apparent the completion date is unreasonable. In no case will a request be considered if it is submitted after the originally required completion date has passed.

The OWNER and the CONTRACTOR may, upon mutual agreement, extend the contract to complete additional ramp replacements.

B. Project Financial Information

**MINIMUM WAGE FOR EMPLOYEES OF CONTRACTORS  
PERFORMING WORK OR SERVICES FOR THE CITY OF YPSILANTI**

All CONTRACTORS, including subcontractors, performing work or services for the City shall be required to pay not less than the prevailing wages and fringe benefits to all employee "construction mechanics", as determined by the Davis-Bacon Division of the United States Dept. of Labor for the Washtenaw County area.

"Construction Mechanic" is defined as a skilled or unskilled mechanic, laborer, worker, helper, assistant or apprentice working on a City project, but shall not include executive, administrative, professional, office or custodial employees.

**Record Keeping and Verification:**

Every CONTRACTOR shall keep an accurate record showing the name, social security number, occupation, and actual wages and benefits paid to each construction mechanic employed by him in connection with this contract. The CONTRACTOR shall submit a copy of this record for the work period covered by each construction pay estimate period. The copy of the wages and benefits record shall be submitted by the CONTRACTOR with each request for payment.

Payment of less than prevailing wages, termination of contract, liability for excess costs: The Authority, by written notice to the CONTRACTOR and sureties of the CONTRACTOR known to the City, may terminate the CONTRACTOR'S right to proceed with that part of the contract for which less than prevailing rates of wages and benefits have been 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.

**MINIMUM WAGE FOR EMPLOYEES OF CONTRACTORS  
PERFORMING SERVICES FOR THIS CONTRACT**

a. This section is ordained for the purpose of establishing a procedure to insure that CONTRACTORS performing services on City buildings, parks or water and sewer lines shall pay employees in accordance with the prevailing wage rates.

b. No contract, agreement, understanding or other arrangement, whether oral or written, for the construction or substantial remodeling of any building or part thereof, for or on behalf of or owned by the City, involving craftsmen, mechanics and laborers employed directly upon the site of work, shall be entered into, approved or executed, unless such contract, agreement, understanding or arrangement shall provide and require that all craftsmen, mechanics and laborers so employed shall receive at least the prevailing wages and fringe benefits of the building trades department for corresponding classes of craftsmen, mechanics and laborers, as determined and published by the Davis-Bacon Division of the United States Department of Labor for the Washtenaw County area.

c. Such contract, agreement, understanding or arrangement shall provide that all subcontracts entered into by the CONTRACTOR shall contain the provisions set forth above with respect to the contractor and all such contracts, agreements, arrangements or understandings shall provide that all contractors and subcontractors engaged in performance of service or work for the City to which this section applies shall, at the request of the City, furnish proof satisfactory to the City that the foregoing provisions of such contract or

subcontract are being complied with. It shall be the responsibility of the City, on demand, to post at an appropriate place in the City Clerk's office, prevailing wages and fringe benefits that may be in effect in accordance with the foregoing, and the City is directed to see that the requirements of this section are contained in and complied with in all contracts, agreements, understandings or arrangements for work or services to be performed for the City.

#### LIVING WAGE

- A. (1) Living wages be paid according to the Ypsilanti Living Wage Ordinance No. 892 (The Ordinance), and
    - (2) Suitable notices be posted in the work place; and
    - (3) Evidence of compliance including payroll records be provided to the Ypsilanti Personnel Department within 10 days of written request from the Ypsilanti Personnel Department.
  - B. In the event of violation of the provision of The Ordinance or this Contract this Contract may be modified or terminated to comply with the provisions of The Ordinance, including withholding of moneys in amount equal to Living Wages not paid in accordance with The Ordinance and the City may also take action to recover the amount of the Contract provided to any person found to have violated The Ordinance.
  - C. Any employee shall have a separate cause of action to enforce the provisions of this Contract and The Ordinance and any rights conferred under The Ordinance, in law and or equity, and any court of competent jurisdiction upon proper proof and the prevailing of the employee in such action, shall award actual damages, wage restitution, interest and actual attorney fees.
  - D. The City shall have the right to enforce this Contract and The Ordinance in law or equity by court process including specific performance.
  - E. The CONTRACTOR has knowledge of and agrees to comply with the provisions of the Ypsilanti City Ordinance 892, Living Wage. The documents are included in the Appendix. They must be completed and returned for the bid to be considered complete.
- C. Equal Opportunity
- The CONTRACTOR has knowledge of and agrees to comply with the provisions of the Ypsilanti City Ordinance 538, Affirmative Action. The documents are included in the Appendix. They must be completed and returned with each bid.

D. Permits

The following permits will be required for project construction. The CONTRACTOR is required to comply with all terms and conditions of the permit as incidental to the unit prices bid and no extra compensation will be allowed.

a. Permitting Agency: Ypsilanti City Right of Way Permit

Contact at Agency: Ron Akers, AICP

Phone number: 734-483-1421

Permit Fee: Waived

Bond Amount (if applicable): None

Date of Application: \_\_\_\_\_

Person Responsible for Acquiring the Permit: Contractor

Date Permit issued if already in hand: \_\_\_\_\_

Application has been made by the Engineer for the permits identified above. Unless otherwise indicated, the CONTRACTOR must secure the permits prior to the start of construction and shall be responsible for all associated fees, deposits, bonds, proof of insurance, etc. The Contractor shall also be responsible for arranging for inspection by the governing agencies.

Work cannot proceed until all permits are obtained.

E. Pre-bid Meeting

No pre-bid meeting is scheduled for this project.

F. Contractor Qualifications

Pages SQ-1-3 must be filled out by the bidder. If all of these pages are not complete the bid will be treated as incomplete and will not be considered.

## INSURANCE SPECIFICATIONS

### 1. LIABILITY OF CONTRACTOR

The Contractor shall take all responsibility for the work and shall provide barricades, watchmen and lights, and take all precautions for preventing injuries to persons and property on or about the work; shall bear all losses resulting to him on account of the amount or character of the work or because the nature of the ground in which the work is done is different from what was estimated or expected, or on account of weather, floods, elements or other cause; and shall assume defense of, indemnify and save harmless the party of the first part and its individual officers and agents from all claims relating to labor, equipment and materials furnished for the work, inventions, patents and patent rights used in doing the work, also to injuries to any person or property received or sustained by or from the CONTRACTOR, his agents or employees.

The mention of any specific duty or liability of the CONTRACTOR in any part of the specifications shall not be construed as a limitation or restriction upon any general liability or duty imposed upon the CONTRACTOR by the specifications.

#### INDEMNIFICATION - HOLD HARMLESS AGREEMENT

The CONTRACTOR agrees to indemnify, defend, and save harmless the OWNER and ENGINEER, their consultants, agents, and employees, from and against all loss or expense (including costs and attorney's fees) by reason of liability imposed by law upon the OWNER and ENGINEER, their consultants, agents, and employees for damages to property and for damages because of bodily injury, including death at any time resulting therefrom, arising out of or in consequence of the performance of this work, whether such injuries to persons or damage to property is due, or claimed to be due, to the negligence of the CONTRACTOR, his subcontractors, the OWNER, the ENGINEER, and their consultants, agents, and employees, except only such injury or damage as shall have been occasioned by the sole negligence of the OWNER, the ENGINEER, and their agents and/or consultants.

### COMPOSITION OF THE CONTRACTOR

If the CONTRACTOR hereunder is comprised of more than one legal entity, each such entity shall be jointly and severally liable hereunder.

### 2. INSURANCE

#### 2.1. Insurance Required of the CONTRACTOR:

Prior to commencement of work, the CONTRACTOR shall purchase and maintain during the term of the project such insurance as will protect him, the OWNER(s), and Orchard, Hiltz & McCliment, Inc., Consulting Engineers, from claims arising out of the work described in this Contract and performed by the CONTRACTOR, subcontractor(s) or sub-subcontractor(s) consisting of:

2.1.1. Workers' Compensation Insurance including Employer's Liability to cover employee injuries or disease compensable under the Workers' Compensation Statutes of the states in which work is conducted under this Contract; disability benefit laws, if any; or Federal compensation acts such as U.S. Longshoremen or Harbor Workers', Maritime Employment, or Railroad Compensation Act(s), if applicable. Self-insurance plans approved by the regulatory authorities in the state in which work on this project is performed are acceptable.

2.1.2. A Comprehensive General Liability policy to cover bodily injury to persons other than employees and for damage to tangible property including loss of use thereof, including the following exposures:

- A. All premises and operations.
- B. Explosion, collapse and underground damage.

- C. Contractor's Protective coverage for independent contractors or subcontractors employed by him.
  - D. Contractual Liability for the obligation assumed in the Indemnification or Hold Harmless agreement found under Part I of this Section.
  - E. The usual Personal Injury Liability endorsement with no exclusions pertaining to employment.
  - F. Products and Completed Operations coverage. This coverage shall extend through the contract guarantee period.
- 2.1.3. A Comprehensive Automobile Liability policy to cover bodily injury and property damage arising out of the ownership, maintenance or use of any motor vehicle, including owned, non-owned and hired vehicles. In light of the standard policy provisions concerning (a) loading and unloading, and b) definitions pertaining to motor vehicles licensed for road use vs. unlicensed or self-propelled construction equipment, it is strongly recommended that Comprehensive General Liability and Comprehensive Auto Liability be written by the same insurance carrier, though not necessarily in one policy.
- 2.1.4. CONTRACTOR will purchase for the OWNER an Owner's Protective Liability policy to protect the OWNER; the ENGINEER (Orchard, Hiltz & McClimment, Inc.); their consultants, agents, employees and such public corporations in whose jurisdiction the work is located for their contingent liability for work performed by the CONTRACTOR, the subcontractor(s) or the sub-subcontractor(s) under this Contract.
- 2.1.5. CONTRACTOR shall purchase a Builder's Risk-Installation Floater in a form acceptable to the OWNER covering property of the project for the full cost of replacement as of the time of any loss which shall include, as named insureds, (a) the CONTRACTOR, (b) all

subcontractors, (c) all sub-subcontractors, (d) the OWNER, and Orchard, Hiltz & McClimment, Inc., Consulting Engineers, as their respective interests may prove to be at the time of loss, covering insurable property which is the subject of this Contract, whether in place, stored at the job site, stored elsewhere, or in transit at the risk of the insured(s). Coverage shall be effected on an "All Risk" form, including but not limited to the perils of fire, wind, collapse, vandalism, theft and earthquake, with exclusions normal to the cover. The CONTRACTOR may arrange for such deductibles as he deems to be within his ability to self-assume, but he will be held solely responsible for the amount of such deductible and for any co-insurance penalties. Any insured loss shall be adjusted with the OWNER and CONTRACTOR and paid to the OWNER and CONTRACTOR as Trustee for the other insureds.

#### 2.1.6. Umbrella or Excess Liability

The OWNER or its representative may, for certain projects, require limits higher than those stated in paragraph. 2.2 that follows. CONTRACTOR is granted the option of arranging coverage under a single policy for the full limit required or by a combination of underlying policies with the balance provided by an Excess or Umbrella Liability policy equal to the total limit(s) requested. Umbrella or Excess policy wording shall be at least as broad as the primary or underlying policy(ies) and shall apply both to the CONTRACTOR's general liability and to his automobile liability insurance.

#### 2.1.7. Railroad Protective Liability

Where such an exposure exists, the CONTRACTOR will provide coverage in the use of each railroad company having jurisdiction over rights-of-way across which work under the Contract is to be performed. The form of policy and limits

of liability shall be determined by the railroad company(ies) involved.

## 2.2. Limits of Liability

The required limits of liability for insurance coverages requested in Section 2.1 shall be not less than the following:

### 2.2.1. Worker's Compensation

|                      |           |
|----------------------|-----------|
| Coverage A           |           |
| Compensation         | Statutory |
| Coverage B           |           |
| Employer's Liability | \$100,000 |

### 2.2.2. Comprehensive General Liability

|                                  |             |
|----------------------------------|-------------|
| Bodily Injury -                  |             |
| Each Occurrence                  | \$500,000   |
| Bodily Injury -                  |             |
| Aggregate (Completed Operations) | \$500,000   |
| Property Damage -                |             |
| Each Occurrence                  | \$100,000   |
| Property Damage -                |             |
| Aggregate                        | \$500,000   |
| or combined single limit         | \$1,000,000 |

### 2.2.3. Comprehensive Automobile Liability

|                          |             |
|--------------------------|-------------|
| Bodily Injury            | \$500,000   |
| Property Damage          | \$200,000   |
| or combined single limit | \$1,000,000 |

### 2.2.4. Owner's Protective

|                          |             |
|--------------------------|-------------|
| Bodily Injury-           |             |
| Each Occurrence          | \$1,000,000 |
| Property Damage-         |             |
| Each Occurrence          | \$250,000   |
| Property Damage-         |             |
| Aggregate                | \$500,000   |
| or combined single limit | \$1,500,000 |

### 2.2.5. Builder's Risk-Installation Floater

Cost to replace at time of loss

### 2.2.6. Umbrella or Excess Liability

\$2,000,000

## 2.3. Insurance - Other Requirements

### 2.3.1. Notice of Cancellation or Intent Not to Renew

Policies will be endorsed to provide that at least thirty (30) days written notice shall be given to the OWNER and the ENGINEER of cancellation or of intent not to renew.

### 2.3.2. Evidence of Coverage

Prior to the commencement of work, the CONTRACTOR shall furnish to the OWNER, Certificates of Insurance in force on the Owner's Form of Certificate provided. Other forms of certificate are acceptable only if (1) they include all items prescribed in the Owner's Form of Certificate, including agreement to cancellation provisions outlined in Paragraph 2.3.1 above, and (2) they have the written approval of the OWNER and ENGINEER. The OWNER reserves the right to request complete copies of the policies if deemed necessary to ascertain details of coverage not provided by the certificates. Such policy copies shall be "Originally Signed Copies," and so designated.

A. Insurance Required for the CONTRACTOR

- i. Workers' Compensation and Employers' Liability Comprehensive General Liability, including:
  - a. All premises and operations.
  - b. Explosion, collapse, and underground damage.
  - c. Contractors' Protective.
  - d. Contractual Liability for obligations assumed in the Indemnification-Hold Harmless agreement of this contract.
  - e. Personal Injury Liability.
  - f. Products and Completed Operations.
- ii. Comprehensive Automobile Liability, including owned, non-owned, and hired vehicles.
- iii. Umbrella or Excess Liability.

B. Insurance Required for the OWNER

Owners' Protective Liability which names as insured(s) the OWNER; the ENGINEER, Orchard, Hiltz & McCliment, Inc.; their consultants, agents, employees and such public corporations in whose jurisdiction the work is located.

C. Insurance Required for the CONTRACTOR and the OWNER

Builders Risk-Installation Floater which names as insured(s) the OWNER; the ENGINEER, Orchard, Hiltz & McCliment, Inc.; their consultants, agents and employees; the CONTRACTOR and all subcontractors.

2.3.3. Qualification of Insurers

In order to determine the financial strength and reputation of insurance carriers, all companies providing coverages required shall be licensed or approved by the Office of Financial and Insurance Services of the State of Michigan. The company shall also have a financial rating not lower than X and a policyholder's service rating no lower than A as listed in A.M. Best's Key Rating Guide, current edition. Companies with ratings lower than A:X will be acceptable only upon the written consent of the OWNER

*End of Section*

## BID FORM

2019 Ramp Program  
City of Ypsilanti

THIS BID IS SUBMITTED TO:

City of Ypsilanti  
1 South Huron Street  
Ypsilanti, MI 48197

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

Bidder accepts all of the terms and conditions of the Advertisement to Bid, Instructions to Bidders and Supplemental Instructions to Bidders.

In submitting this Bid, Bidder represents, as set forth in the Agreement, that:

- A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of all which is hereby acknowledged.

| Addendum No. | Addendum Date | Signature |
|--------------|---------------|-----------|
|--------------|---------------|-----------|

|       |       |       |
|-------|-------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

- B. Bidder has visited the site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site (except underground facilities) that have been identified in the Supplemental Instructions to Bidders, and (2) reports and drawings of a hazardous environmental condition, if any, that has been identified in the Supplemental Instructions to Bidders.
- E. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and underground facilities) at or contiguous to the site that may affect cost, progress, or performance of the Work or that relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by

BF - 1

0094-19-0050

Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.

- F. Bidder does not consider that any further examinations, investigations, exploration, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by OWNER and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- I. Bidder has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by ENGINEER is acceptable to Bidder.
- J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

Bidder further represents that this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any individual or entity to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.

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

**BID FORM for**  
**2019 CDBG Ramps**  
**City of Ypsilanti, Washtenaw County, State of Michigan**  
**OHM Job No.: 0094-19-0050**

| Item | Description                             | Estimated<br>Quantity | Unit | Price | Amount |
|------|-----------------------------------------|-----------------------|------|-------|--------|
| 1    | Mobilization, Max 10%                   | 1                     | LS   | \$    | \$     |
| 2    | Traffic Control and Maintenance         | 1                     | LS   | \$    | \$     |
| 3    | Curb and Gutter, Rem                    | 250                   | Ft   | \$    | \$     |
| 4    | Pavt, Rem                               | 40                    | Syd  | \$    | \$     |
| 5    | Sidewalk, Rem                           | 125                   | Syd  | \$    | \$     |
| 6    | HMA, 13A, Repair                        | 20                    | Ton  | \$    | \$     |
| 7    | Curb and Gutter, Conc, Det F3           | 120                   | Ft   | \$    | \$     |
| 8    | Curb Ramp Opening, Conc                 | 150                   | Ft   | \$    | \$     |
| 9    | Detectable Warning Surface              | 125                   | Ft   | \$    | \$     |
| 10   | Sidewalk Ramp, Conc, 6 inch             | 780                   | Sft  | \$    | \$     |
| 11   | Sidewalk, Conc, 4 inch                  | 650                   | Sft  | \$    | \$     |
| 12   | Pavt Mrkg, Polyurea, 6 inch, Crosswalk  | 550                   | Ft   | \$    | \$     |
| 13   | Pavt Mrkg, Polyurea, 12 inch, Crosswalk | 180                   | Ft   | \$    | \$     |
| 14   | Surface Restoration                     | 220                   | Syd  | \$    | \$     |

**Total Bid Amount (ITEM 1-14 incl.):** \$ \_\_\_\_\_

BF-03

0094-19-0050

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price bid items will be based on actual quantities constructed in accordance with the Contract Documents.

Bidder agrees that the Work will be Substantially Complete on or before December 15, 2019, and completed and ready for final payment in accordance with the General Conditions on or before April 30, 2020.

Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified above, which shall be stated in the Agreement.

The following documents are attached to and made a condition of this Bid:

- Bid Guarantee: Bid Bond
- Statement of Qualifications
- Subcontractor Listing
- Legal Status of Bidder

SUBMITTED on \_\_\_\_\_, 20 \_\_\_\_\_

State Contractor License No. \_\_\_\_\_ . (If applicable)

If Bidder is:

**An Individual**

Name (typed or printed): \_\_\_\_\_

By: \_\_\_\_\_ (SEAL)  
(Individual's signature)

Doing business as: \_\_\_\_\_

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

**A Partnership**

Partnership Name: \_\_\_\_\_ (SEAL)

By: \_\_\_\_\_  
(Signature of general partner – attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

**A Corporation**

Corporation Name: \_\_\_\_\_ (SEAL)

State of Incorporation: \_\_\_\_\_

Type (General Business, Professional, Service, Limited Liability): \_\_\_\_\_

By: \_\_\_\_\_  
(Signature – attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

Attest: \_\_\_\_\_ (CORPORATE SEAL)  
(Signature of Corporate Secretary)

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

Date of Qualification to do business is: \_\_\_\_\_

**A Joint Venture**

Joint Venture Name: \_\_\_\_\_ (SEAL)

By: \_\_\_\_\_  
(Signature of joint venture partner – attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title:

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

Joint Venture Name: \_\_\_\_\_ (SEAL)

By: \_\_\_\_\_  
(Signature of joint venture partner – attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title:

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

Phone and FAX Number, and Address for receipt of official communications.

\_\_\_\_\_

\_\_\_\_\_

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above).

## BID GUARANTEE

The undersigned attaches bid security in the form of a BID BOND / CERTIFIED CHECK / CASHIER'S CHECK (Circle one) in the amount of \_\_\_\_\_

Dollars (\$\_\_\_\_\_).

The undersigned agrees, if awarded the Contract, to deliver the executed Agreement and bonds and furnish evidence of insurance within fourteen (14) business days after the date of the Notice of Award. And to complete the proposed work within the time specified in the Bid Form.

If the Bid is accepted by the OWNER, and the undersigned shall fail to enter into the Agreement as aforesaid and to furnish the required surety bonds within fourteen (14) business days after Notice of Award, the Bid Bond in the amount of \$\_\_\_\_\_ accompanying this Bid shall be considered due and payable to the OWNER.

If the undersigned enters into the Agreement in accordance with this Bid or if his Bid is rejected, then the accompanying Bid Guarantee shall be voided.

In submitting this Bid, it is understood that the right is reserved by the OWNER to reject any or all bids, to waive irregularities and/or formalities and, in general, to make award in any manner deemed by it, in its sole discretion, to be in the best interest of the OWNER.

SIGNED AND SEALED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20 \_\_\_\_\_

Authorized Signature of Bidder:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(TITLE) \_\_\_\_\_

(SEAL)

## BID BOND

BIDDER (Name and Address):

---

---

---

SURETY (Name and Address of Principal Place of Business):

---

---

---

OWNER (Name and Address):

---

City of Ypsilanti

---

1 South Huron Street

---

Ypsilanti, MI 48197

---

BID

BID DUE DATE: September 25, 2019

PROJECT:

Construct ADA-compliant curb ramps at several locations within the City of Ypsilanti.

BOND

BOND NUMBER: \_\_\_\_\_

DATE (Not later than Bid due date): \_\_\_\_\_

PENAL SUM: \_\_\_\_\_  
(Words) (Figures)

IN WITNESS WHEREOF, Surety and Bidder, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER

SURETY

(Seal)

(Seal)

\_\_\_\_\_  
Bidder's Name and Corporate Seal

\_\_\_\_\_  
Surety's Name and Corporate Seal

By: \_\_\_\_\_  
Signature and Title

By: \_\_\_\_\_  
Signature and Title

(Attach Power of Attorney)

Attest: \_\_\_\_\_  
Signature and Title

Attest: \_\_\_\_\_  
Signature and Title

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to OWNER upon default of Bidder the penal sum set forth on the face of this Bond.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by OWNER) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Document.
3. This obligation shall be null and void if:
  - 3.1. OWNER accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by OWNER) the executed Agreement required by the Bidding Documents and any performance and payment Bonds required by the Bidding Documents, or
  - 3.2. All Bids are rejected by OWNER, or
  - 3.3. OWNER fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default by Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from OWNER, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of and any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by OWNER and Bidder, provided that the total time of issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.
6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in paragraph 4 above is received by Bidder and Surety and in no case later than one year after Bid due date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent or representative who executed this Bond on behalf of Surety to execute, seal and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer or proposal as applicable.

*End of Section*

## STATEMENT OF QUALIFICATIONS

Bidder must answer all questions. If more space is needed to complete a question, attach a separate sheet. Bidder may submit any additional information.

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_  
\_\_\_\_\_

Number of years operating under your present name: \_\_\_\_\_

Bonding Capacity: \_\_\_\_\_

Bonding Company: \_\_\_\_\_ Phone: \_\_\_\_\_

Prequalified by MDOT to bid on projects of this magnitude and type of work

(circle one) YES NO Prequalification Number: \_\_\_\_\_

General nature of work performed by your company: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Background and experience of the principal members of your organization including officers:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Major equipment available for this contract: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CURRENT PROJECTS:

|                  | Project | Project | Project |
|------------------|---------|---------|---------|
| Name:            | _____   | _____   | _____   |
| Owner:           | _____   | _____   | _____   |
| Contact Person:  | _____   | _____   | _____   |
| Phone:           | _____   | _____   | _____   |
| Contract Amount: | _____   | _____   | _____   |
| Completion Date: | _____   | _____   | _____   |
| % Complete:      | _____   | _____   | _____   |

COMPLETED PROJECTS:

|                  | Project | Project | Project |
|------------------|---------|---------|---------|
| Name:            | _____   | _____   | _____   |
| Owner:           | _____   | _____   | _____   |
| Contact Person:  | _____   | _____   | _____   |
| Phone:           | _____   | _____   | _____   |
| Contract Amount: | _____   | _____   | _____   |
| Date Completed:  | _____   | _____   | _____   |

Additional information that may be pertinent to demonstrate your ability to complete this project.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Has your company defaulted on a contract? \_\_\_\_\_

If yes, where and why? \_\_\_\_\_

\_\_\_\_\_  
I hereby certify that the above answers are correct and true.

By:

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

Number of additional sheets attached: \_\_\_\_\_

## IRAN LINKED BUSINESS CERTIFICATION

Pursuant to Michigan Public Act 517 of 2012, any Bidder that submits a bid on a request for proposal with the City of Ypsilanti shall certify that Bidder is not an Iran linked business. An Iran linked business is not eligible to submit a bid on a request for proposal with the City. See attached definitions regarding this certification.

The undersigned Bidder does hereby certify, pursuant to Michigan Public Act 517 of 2012, that:

Bidder is not a person engaging in investment activities in the energy sector of Iran, including a person that provides oil or liquefied natural gas tankers, or products used to construct or maintain pipelines used to transport oil or liquefied natural gas, for the energy sector of Iran, or

Bidder is not a financial institution that extends credit to another person if that person will use the credit to engage in investment activities in the energy sector of Iran.

Date: \_\_\_\_\_

By: \_\_\_\_\_

Its: \_\_\_\_\_

Subscribed and sworn to before me, a Notary Public on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

Notary Public \_\_\_\_\_

\_\_\_\_\_ County, Michigan

My Commission Expires: \_\_\_\_\_

## DEFINITIONS

- (A) “Energy sector of Iran” means activities to develop petroleum or natural gas resources or nuclear power in Iran.
- (B) “Investment” means 1 or more of the following:
  - i. A commitment or contribution of funds or property.
  - ii. A loan or other extension of credit.
  - iii. The entry into or renewal of a contract for goods or services.
- (C) “Investment activity” means 1 or more of the following:
  - i. A person who has an investment of \$20,000,000.00 or more in the energy sector of Iran.
  - ii. A financial institution that exceeds \$20,000,000.00 or more in credit to another person, for 45 days or more, if that person will use the credit for investment in the energy sector of Iran.
- (D) “Iran” means any agency or instrumentality of Iran.
- (E) “Iran linked business” means either of the following:
  - i. A person engaging in investment activities in the energy sector of Iran, including a person that provides oil or liquefied natural gas tankers or products used to construct or maintain pipelines used to transport oil or liquefied natural gas for the energy sector of Iran.
  - ii. A financial institution that extends credit to another person, if that person will use the credit to engage in investment activities in the energy sector of Iran.
- (F) “Person” means any of the following:
  - i. An individual, corporation, company, limited liability company, business association, partnership, society, trust, or any other nongovernmental entity, organization, or group.
  - ii. Any governmental entity or instrumentality of a government, including a multilateral development institution, as defined in section 1701(c) (3) of the international financial institutional act, 22 USC 262r(c) (3).
  - iii. Any successor, subunit, parent company, or subsidiary of, or company under common ownership or control with, any entity described in subparagraph (i) or (ii).
- (G) “Public entity” means this state or an agency or authority of this state, school district, community college district, intermediate school district, city, village, township, county, public authority, or public airport authority.

## SUBCONTRACTOR LISTING

Bidder submits to use the following subcontractors for performance of the work in accordance with Article 9 of the Instructions to Bidders.

Note to Bidder: List all work you propose to sublet on this Contract. Include each subcontractors name, address, phone, fax and e-mail address. Also include a description of work to be performed by subcontractor. For example: restoration, landscaping, lighting, signage, bore and jack, etc. List approximate dollar value of the subcontract.

| NAME, ADDRESS & PHONE NO. OF<br>SUBCONTRACTOR | DESCRIPTION<br>OF WORK | APPROXIMATE<br>DOLLAR VALUE<br>OF SUBCONTRACT |
|-----------------------------------------------|------------------------|-----------------------------------------------|
|-----------------------------------------------|------------------------|-----------------------------------------------|

|  |  |    |
|--|--|----|
|  |  | \$ |
|--|--|----|

Phone:

FAX:

E-mail

|  |  |    |
|--|--|----|
|  |  | \$ |
|--|--|----|

Phone:

FAX:

E-mail

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

E-mail \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

E-mail \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

E-mail \_\_\_\_\_

## AGREEMENT

This AGREEMENT is by and between City of Ypsilanti (hereinafter called OWNER) and

---

(hereinafter called CONTRACTOR).

### ARTICLE 1 WORK

1.01 CONTRACTOR shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:

Construct ADA-compliant curb ramps at several locations within the City of Ypsilanti.

### ARTICLE 2 THE PROJECT

2.01 The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

2019 Ramp Program

### ARTICLE 3 ENGINEER

3.01 The Project has been designed by Orchard Hiltz & McCliment, Inc. who is hereinafter called ENGINEER and who is to act as OWNER's representative, assume all duties and responsibilities, and have the rights and authority assigned to ENGINEER in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

### ARTICLE 4 CONTRACT TIMES

#### 4.01 Time is of the Essence

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

#### 4.02 Dates for Substantial Completion and Final Payment

A. The Work will be substantially completed on or before December 15, 2019, and completed and ready for final payment on or before April 30, 2020.

Days to Achieve Substantial Completion and Final Payment

#### 4.03 Liquidated Damages

A. CONTRACTOR and OWNER recognize that time is of the essence of this Agreement and that OWNER will suffer financial loss if the Work is not completed within the times specified in paragraph 4.02 above, plus any extensions thereof allowed in accordance with Article 15 of the General Conditions. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by OWNER if the Work is not completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty), CONTRACTOR shall pay OWNER \$500.00/day for each day that expires after the time specified in paragraph 4.02 for Substantial Completion until the Work is substantially complete. After Substantial Completion, if CONTRACTOR shall neglect, refuse, or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by OWNER, CONTRACTOR shall pay OWNER \$500.00/day for each day that expires after

the time specified in paragraph 4.02 for completion and readiness for final payment until the Work is completed and ready for final payment.

#### ARTICLE 5 CONTRACT PRICE

5.01 OWNER shall pay CONTRACTOR for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to paragraph 5.01.A below:

- A. For all Unit Price Work, an amount equal to the sum of the established unit price for each separately identified item of Unit Price Work multiplied by the measured quantity of that item as indicated in the Bid Form (Bid Form to be inserted here at the time the Agreement is to be signed.):

As provided in Article 13 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by ENGINEER as provided in Article 23 of the General Conditions.

#### ARTICLE 6 PAYMENT PROCEDURES

##### 6.01 Submittal and Processing of Payments

CONTRACTOR shall be paid in accordance with Article 14 of the General Conditions.

#### ARTICLE 7 CONTRACTOR'S REPRESENTATIONS

7.01 In order to induce OWNER to enter into this Agreement CONTRACTOR makes the following representations:

CONTRACTOR has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.

CONTRACTOR has visited the site and become familiar with and is satisfied as to the general, local and site conditions that may affect cost, progress, and performance of the Work.

CONTRACTOR is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.

CONTRACTOR has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site (except underground facilities) which have been identified in the Supplemental Instructions to Bidders and (2) reports and drawings of a hazardous environmental condition, if any, at the site which has been identified in the Supplemental Instructions to Bidders.

CONTRACTOR has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and underground facilities) at or contiguous to the site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by CONTRACTOR, including applying the specific means, methods, techniques, sequences, and procedures of construction, if any, expressly required by the Contract Documents to be employed by CONTRACTOR, and safety precautions and programs incident thereto.

CONTRACTOR does not consider that any further examinations, investigations, exploration, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.

CONTRACTOR is aware of the general nature of work to be performed by OWNER and others at the Site that relates to the Work as indicated in the Contract Documents.

CONTRACTOR has correlated the information known to CONTRACTOR, information and observations obtained from visits to the site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.

CONTRACTOR has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that CONTRACTOR has discovered in the Contract Documents, and the written resolution thereof by ENGINEER is acceptable to CONTRACTOR.

The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

## ARTICLE 8 CONTRACT DOCUMENTS

### 8.01 Contents

A. The Contract Documents consist of the following:

1. This Agreement;
2. Performance Bond;
3. Payment Bond;
4. Maintenance and Guarantee Bond;
5. General Conditions;
6. General Specifications;
7. Technical Specifications as listed in the table of contents of the Project Manual;
8. Appendices (excluding geotechnical reports);
9. Addenda (numbers \_\_\_\_ to \_\_\_\_, inclusive);
10. Exhibits to the Agreement (enumerated as follows):
  - a. Documentation submitted by CONTRACTOR prior to Notice of Award (pages \_\_\_\_ to \_\_\_\_, inclusive);
  - b. \_\_\_\_\_
11. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
  - a. Written Amendments;
  - b. Work Orders;
  - c. Change Order(s).

The documents listed in paragraph 8.01.A are attached to this Agreement (except as expressly noted otherwise above).

There are no Contract Documents other than those listed above in this Article 8.

## ARTICLE 9 MISCELLANEOUS

### 9.01 Terms

Terms used in this Agreement will have the meanings indicated in the General Conditions.

### 9.02 Assignment of Agreement

No assignment by a party hereto of any rights under or interests in the Agreement will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

### 9.03 Successors and Assigns

OWNER and CONTRACTOR each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

#### 9.04 Severability

Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon OWNER and CONTRACTOR, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

IN WITNESS WHEREOF, OWNER and CONTRACTOR have signed this Agreement in duplicate. One counterpart each has been delivered to OWNER and CONTRACTOR. All portions of the Contract Documents have been signed or identified by OWNER and CONTRACTOR or on their behalf.

This Agreement will be effective on \_\_\_\_\_ , \_\_\_\_\_  
(which is the Effective Date of the Agreement)

OWNER:

CONTRACTOR:

City of Ypsilanti

\_\_\_\_\_

By: \_\_\_\_\_  
(CORPORATE SEAL)

By: \_\_\_\_\_  
(CORPORATE SEAL)

Attest \_\_\_\_\_

Attest \_\_\_\_\_

Address for giving notices: \_\_\_\_\_

Address for giving notices: \_\_\_\_\_

1 South Huron Street

\_\_\_\_\_

Ypsilanti, MI 48197

\_\_\_\_\_

License No. \_\_\_\_\_

(If OWNER is a corporation, attach evidence of authority to sign. If OWNER is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of OWNER – CONTRACTOR Agreement)

(Where applicable)

Agent for service of process: \_\_\_\_\_

\_\_\_\_\_  
(If CONTRACTOR is a corporation or a partnership, attach evidence of authority to sign.)

Designated Representative:

Designated Representative:

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

FAX: \_\_\_\_\_

## PERFORMANCE BOND

Any singular reference to CONTRACTOR, Surety, OWNER or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

SURETY (Name and Address of Principal  
Place of Business): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

OWNER:

City of Ypsilanti  
1 South Huron Street  
Ypsilanti, MI 48197

CONTRACT

Date:

Amount:

Description: 2019 Ramp Program  
City of Ypsilanti

BOND

Date (Not earlier than Contract Date):

Amount:

Modifications to this Bond Form:

Surety and CONTRACTOR, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Performance Bond to be duly executed on its behalf by its authorized officer, agent or representative.

CONTRACTOR AS PRINCIPAL

SURETY

Company: \_\_\_\_\_ (Corp. Seal)      Company: \_\_\_\_\_ (Corp. Seal)

Signature: \_\_\_\_\_      Signature: \_\_\_\_\_

Name & Title: \_\_\_\_\_      Name & Title: \_\_\_\_\_  
(Attach Power of Attorney)

(Space is provided below for signatures of additional parties, if required).

CONTRACTOR AS PRINCIPAL

SURETY

Company: \_\_\_\_\_ (Corp. Seal)      Company: \_\_\_\_\_ (Corp. Seal)

Signature: \_\_\_\_\_      Signature: \_\_\_\_\_

Name & Title: \_\_\_\_\_      Name & Title: \_\_\_\_\_  
(Attach Power of Attorney)

1. The CONTRACTOR and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the OWNER for the performance of the Contract, which is incorporated herein by reference.
2. If the CONTRACTOR performs the Contract, the Surety and the CONTRACTOR have no obligation under this Bond, except to participate in conferences as provided in paragraph 3.1
3. If there is no OWNER Default, the Surety's obligation under this Bond shall arise after:
  - 3.1. The OWNER has notified the CONTRACTOR and the Surety at the addresses described in paragraph 10 below, that the OWNER is considering declaring a CONTRACTOR Default and has requested and attempted to arrange a conference with the CONTRACTOR and the Surety to be held not later than fifteen days after receipt of such notice to discuss methods of performing the Contract. If the OWNER, the CONTRACTOR and the Surety agree, the CONTRACTOR shall be allowed a reasonable time to perform the Contract, but such an agreement shall not waive the OWNER's right, if any, subsequently to declare a CONTRACTOR Default; and
  - 3.2. The OWNER has declared a CONTRACTOR Default and formally terminated the CONTRACTOR's right to complete the Contract. Such CONTRACTOR Default shall not be declared earlier than twenty days after the CONTRACTOR and the Surety have received notice as provided in paragraph 3.1; and
  - 3.3. The OWNER has agreed to pay the Balance of the Contract Price to:
    - 3.3.1. The Surety in accordance with the terms of the Contract;
    - 3.3.2. Another contractor selected pursuant to paragraph 4.3 to perform the Contract.
4. When the OWNER has satisfied the conditions of paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
  - 4.1. Arrange for the CONTRACTOR, with consent of the OWNER, to perform and complete the Contract; or
  - 4.2. Undertake to perform and complete the Contract itself, through its agents or through independent contractors; or
  - 4.3. Obtain bids or negotiated proposals from qualified contractors acceptable to the OWNER for a contract for performance and completion of the Contract, arrange for a contract to be prepared for execution by the OWNER and the contractor selected with the OWNER's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the Bonds issued on the Contract, and pay to the OWNER the amount of damages as described in paragraph 6 in excess of the Balance of the Contract Price incurred by the OWNER resulting from the CONTRACTOR Default; or
  - 4.4. Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances;
    - 4.4.1. After investigation, determine the amount for which it may be liable to the OWNER and, as soon as practicable after the amount is determined, tender payment therefore to the OWNER; or

4.4.2. Deny liability in whole or in part and notify the OWNER citing reasons therefore.

5. If the Surety does not proceed as provided in paragraph 4 with reasonable promptness, the Surety shall be deemed to be in default on the Bond fifteen days after receipt of an additional written notice from the OWNER to the Surety demanding that the Surety perform its obligations under this Bond, and the OWNER shall be entitled to enforce any remedy available to the OWNER. If the Surety proceeds as provided in paragraph 4.4, and the OWNER refuses the payment tendered or the Surety has denied liability, in whole or in part, without further notice the OWNER shall be entitled to enforce any remedy available to the OWNER.
6. After the OWNER has terminated the CONTRACTOR's right to complete the Contract, and if the Surety elects to act under paragraph 4.1, 4.2, or 4.3 above, then the responsibilities of the Surety to the OWNER shall not be greater than those of the CONTRACTOR under the Contract, and the responsibilities of the OWNER to the Surety shall not be greater than those of the OWNER under the Contract. To a limit of the amount of this Bond, but subject to commitment by the OWNER of the Balance of the Contract Price to mitigation of costs and damages on the Contract, the Surety is obligated without duplication for:
  - 6.1. The responsibilities of the CONTRACTOR for correction of defective Work and completion of the Contract;
  - 6.2. Additional legal, design professional and delay costs resulting from the CONTRACTOR's Default, and resulting from the actions or failure to act of the Surety under paragraph 4; and
  - 6.3. Liquidated damages, or if no liquidated damages are specified in the Contract, actual damages caused

by delayed performance or non-performance of the CONTRACTOR.

7. The Surety shall not be liable to the OWNER or others for obligations of the CONTRACTOR that are unrelated to the Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on the bond to any person or entity other than the OWNER or its heirs, executors, administrators, or successors.
8. The Surety hereby waives notice of any change, including changes of time, to the Contract or to related subcontracts, purchase orders and other obligations.
9. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the Work or part of the Work is located and shall be instituted within two years after CONTRACTOR Default or within two years after the CONTRACTOR ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
10. Notice to the Surety, the OWNER or the CONTRACTOR shall be mailed or delivered to the address shown on the signature page.
11. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the Contract was being performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted here from and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

12. Definitions.

12.1. Balance of the Contract Price: The total amount payable by the OWNER to the CONTRACTOR under the Contract after all proper adjustments have been made, including allowance to the CONTRACTOR or any amounts received or to be received by the OWNER in settlement of insurance or other Claims for damages to which the CONTRACTOR is entitled, reduced by all valid and proper payments made to or on behalf of the CONTRACTOR under the Contract.

12.2. Contract: the agreement between the OWNER and the

CONTRACTOR identified on the signature page, including all Contract Documents and changes thereto.

12.3. CONTRACTOR Default: Failure of the CONTRACTOR, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Contract.

12.4. OWNER Default: Failure of the OWNER, which has neither been remedied nor waived, to pay the CONTRACTOR as required by the contract or to perform and complete or comply with the other terms thereof.

*End of Section*

## PAYMENT BOND

Any singular reference to CONTRACTOR, Surety, OWNER or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

SURETY (Name and Address of Principal Place of Business): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

OWNER:

City of Ypsilanti  
1 South Huron Street  
Ypsilanti, MI 48197

CONTRACT

Date:

Amount:

Description: 2019 Ramp Program  
City of Ypsilanti

BOND

Date (Not earlier than Contract Date):

Amount:

Modifications to this Bond Form:

Surety and CONTRACTOR, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Payment bond to be duly executed on its behalf by its authorized officer, agent, or representative.

CONTRACTOR AS PRINCIPAL

SURETY

Company: \_\_\_\_\_ (Corp. Seal)      Company: \_\_\_\_\_ (Corp. Seal)

Signature: \_\_\_\_\_      Signature: \_\_\_\_\_

Name and Title: \_\_\_\_\_      Name and Title: \_\_\_\_\_  
(Attach Power of Attorney)

(Space is provided below for signatures of additional parties, if required).

CONTRACTOR AS PRINCIPAL

SURETY

Company: \_\_\_\_\_ (Corp. Seal)      Company: \_\_\_\_\_ (Corp. Seal)

Signature: \_\_\_\_\_      Signature: \_\_\_\_\_

Name & Title: \_\_\_\_\_      Name & Title: \_\_\_\_\_  
(Attach Power of Attorney)

PYB - 1

0094-19-0050

1. The CONTRACTOR and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the OWNER to pay for labor, materials and equipment furnished for use in the performance of the Contract, which is incorporated herein by reference.
2. With respect to the OWNER, this obligation shall be null and void if the CONTRACTOR:
  - 2.1. Promptly makes payment, directly or indirectly, for all sums due Claimants, and
  - 2.2. Defends, indemnifies and holds harmless the OWNER from all claims, demands, liens or suits by any person or entity who furnished labor, materials or equipment for use in the performance of the Contract, provided the OWNER has promptly notified the CONTRACTOR and the Surety (at the addresses described in paragraph 12) of any claims, demands, liens or suits and tendered defense of such claims, demands, liens or suits to the CONTRACTOR and the Surety, and provided there is no OWNER Default.
3. With respect to Claimants, this obligation shall be null and void if the CONTRACTOR promptly makes payment, directly or indirectly, for all sums due.
4. The Surety shall have no obligation to Claimants under this Bond until:
  - 4.1. Claimants who are employed by or have a direct contract with the CONTRACTOR have given notice to the surety (at the addresses described in paragraph 12) and sent a copy, or notice thereof, to the OWNER, stating that a claim is being made under this Bond and, with substantial accuracy, the amount of the claim.
  - 4.2. Claimants who do not have a direct contract with the CONTRACTOR:
    - 4.2.1. Have furnished written notice to the CONTRACTOR and sent a copy, or notice thereof, to the OWNER, within 90 days after having last performed labor or last furnished materials or equipment included in the claim stating, with substantial accuracy, the amount of the claim and the name of the party to whom the materials were furnished or supplied or for whom the labor was done or performed; and
    - 4.2.2. Have either received a rejection in whole or in part from the CONTRACTOR, or not received within 30 days of furnishing the above notice any communication from the CONTRACTOR by which the CONTRACTOR had indicated the claim will be paid directly or indirectly; and
    - 4.2.3. Not having been paid within the above 30 days, have sent a written notice to the Surety and sent a copy, or notice thereof, to the OWNER, stating that a claim is being made under this Bond and enclosing a copy of the previous written notice furnished to the CONTRACTOR.
5. If a notice required by paragraph 4 is given by the OWNER to the CONTRACTOR or to the Surety, that is sufficient compliance.
6. When the Claimant has satisfied the conditions of paragraph 4, the Surety shall promptly and at the Surety's expense take the following actions:
  - 6.1. Send an answer to the Claimant, with a copy to the OWNER, within 45 days after receipt of the claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed.
  - 6.2. Pay or arrange for payment of any undisputed amounts.
7. The Surety's total obligation shall not exceed the amount of this Bond, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.
8. Amounts owed by the OWNER to the CONTRACTOR under the Contract shall be used for the performance of the Contract and to satisfy claims, if any, under any Performance Bond. By the CONTRACTOR furnishing and the OWNER accepting this

Bond, they agree that all funds earned by the CONTRACTOR in the performance of the Contract are dedicated to satisfy obligations of the CONTRACTOR and the Surety under this Bond, subject to the OWNER's priority to use the funds for the completion of the Work.

9. The Surety shall not be liable to the OWNER, Claimants or others for obligations of the CONTRACTOR that are unrelated to the Contract. The OWNER shall not be liable for payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligations to make payments to, give notices on behalf of, or otherwise have obligations to Claimants under this Bond.
10. The Surety hereby waives notice of any change, including changes of time, to the Contract or to related subcontracts, purchase orders and other obligations.
11. No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the location in which the Work or part of the Work is located or after the expiration of one year from the date (1) on which the Claimant gave the notice required by paragraph 4.1 or paragraph 4.2.3, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
12. Notice to the Surety, the OWNER or the CONTRACTOR shall be mailed or delivered to the addressee shown on the signature page. Actual receipt of notice by Surety, the OWNER or the CONTRACTOR, however accomplished, shall be sufficient compliance as of the date received at the address shown on the signature page.
13. When this Bond has been furnished to comply with a statutory or other legal requirement in  
*End of Section*

the location where the Contract was to be performed, any provision in the Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is, that this Bond shall be construed as a statutory Bond and not as a common law bond.

14. Upon request of any person or entity appearing to be a potential beneficiary of this Bond, the CONTRACTOR shall promptly furnish a copy of the Bond or shall permit a copy to be made.

#### 15. DEFINITIONS

- 15.1. Claimant: an individual or entity having a direct contract with the CONTRACTOR or with a Subcontractor of the CONTRACTOR to furnish labor, material or equipment for use in the performance of the Contract. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the Contract, architectural and engineering services required for performance of the Work of the CONTRACTOR and the CONTRACTOR's Subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.
- 15.2. Contract: The agreement between the OWNER and the CONTRACTOR identified on the signature page, including all Contract Documents and changes thereto.
- 15.3. OWNER Default: Failure of the OWNER, which has neither been remedied nor waived, to pay the CONTRACTOR as required by the Contract or to perform and complete or comply with the other terms thereof.

## MAINTENANCE AND GUARANTEE BOND

KNOW ALL MEN BY THESE PRESENTS, That we \_\_\_\_\_ (contractor name), as Principal, and \_\_\_\_\_, as Surety, are held and firmly bound unto the City of Ypsilanti, 1 South Huron Street, Ypsilanti, MI 48197, as Owner, in the sum of \_\_\_\_\_ DOLLARS and \_\_\_\_\_ CENTS (\$ \_\_\_\_\_) good and lawful money of the United States of America, to be paid to said City of Ypsilanti, its legal representatives and assigns for which payment well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, and each and every one of them jointly and severally, firmly by these presents.

Sealed with our seals and dated this \_\_\_\_\_ day of \_\_\_\_\_ A.D. 20 \_\_\_\_\_.

WHEREAS, the above named Principal has entered into a certain written Contract with City of Ypsilanti dated this \_\_\_\_\_ day of \_\_\_\_\_ A.D. 20 \_\_\_\_\_, wherein the said Principal covenanted and agreed to follows, to-wit: TO CONSTRUCT THE WORK IN ACCORDANCE WITH THE SPECIFICATIONS, CONTRACT DOCUMENTS AND DRAWINGS TITLED: 2019 Ramp Program, OHM JOB NO. 0094-19-0050.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that by and under said Contract, the above named Principal has agreed with the City of Ypsilanti that for a period of TWO year(s) from date of payment of Final Estimate, to keep in good order and repair any defect in all work done under said Contract either by the Principal or his Subcontractors, or his material suppliers, that may develop during said period due to improper materials, defective equipment, workmanship or arrangements, and any other work affected in making good such imperfections, shall also be made good all without expense to the OWNER, excepting only such parts or part of said work as may have been disturbed without consent or approval of the Principal after final acceptance of the work, and that whenever directed to do so by the OWNER by notice served in writing, either personally or by mail, on the Principal at \_\_\_\_\_ (contractor's city, state, and zip code),

\_\_\_\_\_ legal representatives, or successors, or on the Surety at \_\_\_\_\_ WILL PROCEED at once to make such repairs as directed by said OWNER; and in case of failure so to do within one week from the date of service of such notice, or within reasonable time not less than one week, as shall be fixed in said notice, then the said OWNER shall have the right to purchase such materials and employ such labor and equipment as may be necessary for the purpose, and to undertake, do and make such repairs and charge the expense thereof to, and receive same from, said Principal or Surety. If any repair is necessary to be made at once to protect life and property, then and in that case, the said OWNER may take immediate steps to repair or barricade such defects without notice to the CONTRACTOR. In such accounting the said OWNER shall not be held to obtain the lowest figures for the doing of the work, or any part thereof, but all sums actually paid therefore shall be charged to the Principal or Surety. In this connection the judgment of the OWNER is final and conclusive. If the said Principal for a period of TWO year(s) from the date of payment of Final Estimate, shall keep said work so constructed under said Contract in good order and repair, excepting only such part or parts of said work which may have been disturbed without the consent or approval of said Principal after final acceptance of same, and shall whenever notice is given as hereinbefore specified, at once proceed to make repair as in said notice directed, or shall reimburse said OWNER for any expense incurred by making such repairs, should the Principal or Surety fail to do as hereinbefore specified, and shall fully indemnify, defend and save harmless the said Owner and Orchard, Hiltz & McCliment, Inc. from all suits and actions for damages of every name and description brought or claimed against it for, or on account of, any injury or damage to person or property received or sustained by any party or parties, by or from any of the acts or omissions or through the negligence of said Principal, servants, agents or employees, in the prosecution of

the work included in said Contract, and from any and all claims arising under the Workman's Compensation Act, so-called, of the State of Michigan, then the above obligation shall be void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be executed by their respective authorized officers this \_\_\_\_\_ day of \_\_\_\_\_ A.D., 20 \_\_\_\_\_.

Signed, Sealed and Delivered  
In the Presence of:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name

\_\_\_\_\_  
Name

\_\_\_\_\_  
Principal

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name

\_\_\_\_\_  
Name

\_\_\_\_\_  
Surety

## CONTRACTOR'S AFFIDAVIT

STATE OF MICHIGAN )  
 )SS.  
COUNTY OF \_\_\_\_\_ )

The undersigned, \_\_\_\_\_, CONTRACTOR, hereby represents that on \_\_\_\_\_, 20\_\_\_\_ he (it) was awarded a Contract by City of Ypsilanti hereinafter called the OWNER, to construct 2019 CDBG Ramps in accordance with the terms and conditions of Contract No. \_\_\_\_\_; and the undersigned further represents that the subject work has now been accomplished and the said Contract has now been completed.

The undersigned hereby warrants and certifies that all of his (its) indebtedness arising by reason of said Contract has been fully or satisfactorily secured, and that all claims from subcontractors and others for labor and material used in accomplishing the said project, as well as all other claims arising from performance of said Contract, have been fully paid or satisfactorily secured. The undersigned further agrees that if any such claim should hereafter arise, he (it) shall assume responsibility for same immediately upon request to do so by the OWNER.

The undersigned, for a valuable consideration, receipt of which is hereby acknowledged, does further hereby waive, release and relinquish any and all claims or right of lien which the undersigned now has or may hereafter acquire upon the subject premises for labor and material used in accomplishing said project owned by the OWNER.

This affidavit is freely and voluntarily given with full knowledge of the facts on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Contractor

By: \_\_\_\_\_

Title \_\_\_\_\_

Subscribed and sworn to before me, a Notary Public in and for \_\_\_\_\_ County, Michigan, on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Notary Public: \_\_\_\_\_

My Commission expires: \_\_\_\_\_

CONTRACTOR'S DECLARATION

I HEREBY DECLARE THAT I HAVE NOT, during the period

\_\_\_\_\_ to

\_\_\_\_\_ A.D., 20 \_\_\_\_\_ performed any work, furnished any material, sustained any loss, damage or delay for any reason, including soil conditions encountered or created, or otherwise done anything for which I shall ask, demand, sue for or claim compensation from City of Ypsilanti or his agents, in addition to the regular items set forth in the Contract numbered \_\_\_\_\_ and dated \_\_\_\_\_ A.D., 20 \_\_\_\_\_ for the Agreement executed between myself and the OWNER, and in the Change Orders for work issued by the OWNER in writing as provided thereunder, except as I hereby make claim for additional compensation and/or extension of time, as set forth on the itemized statement attached hereto.

There (is) (is not) an itemized statement attached.

Date: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

# SWORN STATEMENT

State of Michigan

County of: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ (deponent) being duly sworn deposes and says:

1. That \_\_\_\_\_ is the Contractor/Subcontractor for an improvement to the property described on the following page.
2. That the following is a statement of each subcontractor and supplier and laborer, for which the payment of wages or fringe benefits and withholdings is due but unpaid, with whom the Contractor/Subcontractor has Contracted/Subcontracted for performance under the Contract with the Owner or Lessee of the property, and that the amounts due to the persons as of the date hereof are correctly and fully set forth opposite their names as follows:

| Name of Subcontractor, Supplier or Laborer | Type of Improvement Furnished | Total Contract Price | Amount Already Paid | Amount Currently Owing | Amount of Laborer Wages Due but Unpaid | Amount of Labor, Fringe Benefits & Withholdings due but Unpaid |
|--------------------------------------------|-------------------------------|----------------------|---------------------|------------------------|----------------------------------------|----------------------------------------------------------------|
|                                            |                               |                      |                     |                        |                                        |                                                                |
|                                            |                               |                      |                     |                        |                                        |                                                                |
|                                            |                               |                      |                     |                        |                                        |                                                                |
|                                            |                               |                      |                     |                        |                                        |                                                                |
|                                            |                               |                      |                     |                        |                                        |                                                                |
|                                            |                               |                      |                     |                        |                                        |                                                                |
|                                            |                               |                      |                     |                        |                                        |                                                                |
|                                            |                               |                      |                     |                        |                                        |                                                                |

The contracts or subcontracts cited herein are for improvement to the following described real property situated in Washtenaw County, Michigan, described as:

(Insert legal description of property) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Commonly known as:

2019 Ramp Program

OHM Job Number:

0094-19-0050

3. That the Contractor has not procured material from, or subcontracted with, any person other than those set forth above and owes no money for the improvement other than the sums set forth above.
4. Deponent further says that he makes the foregoing statement as the Contractor/Subcontractor or as Controller of the Contractor/Subcontractor for the purpose of representing to the owner of the above described premises and his agents that the above described property is free from claims of construction liens, or the possibility of construction liens, except as specifically set forth above and except for claims of construction liens by laborers which may be provided pursuant to Section 109 of the Construction Lien Act, Act No. 497 of the Public Acts of 1980, as amended, being Section 570.1109 of the Michigan Compiled Laws.

WARNING TO OWNER: An Owner of the above described property may not rely on this sworn statement to avoid the claim of a Subcontractor, Supplier or Laborer who has provided a Notice of Furnishing (or a Laborer who may provide a Notice of Furnishing pursuant to Section 109 of the Construction Lien Act) to the Designee or to the Owner if the Designee is not named or has died.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Signature of Deponent

WARNING TO DEPONENT: A person, who with intent to defraud, gives a false sworn statement is subject to criminal penalties as provided in Section 110 of the Construction Lien Act, Act No. 497 of the Public Acts of 1980, as amended, being Section 570.1110 of the Michigan Compiled Laws.

Subscribed and sworn to before me on: \_\_\_\_\_ in \_\_\_\_\_ County, Michigan

My commission expires: \_\_\_\_\_ Signature: \_\_\_\_\_

## GENERAL CONDITIONS

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## **General**

### **1. DEFINITIONS**

The following terms as used in the Contract Documents are respectively defined as follows:

“Agreement”: The written document between the OWNER and the CONTRACTOR concerning the work to be performed.

“Change Order” - A document recommended by ENGINEER, which is signed by CONTRACTOR and OWNER and authorizes an addition, deletion or revision in the Work, or an adjustment in the Contract Price or the Contract Time, issued on or after the Effective Date of the Agreement.

“Contract” - The entire and integrated written agreement between the OWNER and CONTRACTOR concerning the Work. The Contract supersedes prior negotiations, representations, or agreements, whether written or oral.

“CONTRACTOR”: The person, firm or corporation to whom the Contract is awarded by the OWNER and who is subject to the terms thereof and party of the second part of the Agreement.

“ENGINEER”: Orchard, Hiltz & McCliment, Inc., Livonia, Michigan

“Construction Observer”: The authorized representative of ENGINEER who is assigned to the site or any part thereof.

“OWNER”: The public body or authority, corporation, association, firm or person with whom CONTRACTOR has entered into the Agreement; and for whom the work is to be provided; and the party of the first part of the Contract.

“Project Manual” - The bound documentary information prepared for bidding and constructing the Work. A listing of the contents of the Project Manual, which may be bound in one or more volumes, is contained in the table(s) of contents.

“Specifications” - Those portions of the Contract Documents consisting of written

technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work and certain administrative details applicable thereto.

“Subcontractor”: A person, firm or corporation having a direct contract with CONTRACTOR or with any other subcontractor for the performance of a part of the Work at the site.

“Supplier”: A manufacturer, fabricator, supplier, distributor, material man or vendor.

“Supplemental Conditions”: The part of the Contract Documents that amends or supplements the General Conditions and/or the Insurance Specifications and the Bond Requirements.

“Work” - The entire completed construction or the various separately identifiable parts thereof required to be furnished under the Contract Documents. Work is the result of performing services, furnishing labor and furnishing and incorporating materials and equipment into the construction, all as required by the Contract Documents.

“Written Notice”: Shall be deemed to have been “duly served” when such notice shall have been given or mailed to the CONTRACTOR or his superintendent at the site of the Work or when such notice shall have been given or mailed to the OWNER.

### **2. CONTRACT DOCUMENTS**

The original and three counterparts of the Contract shall be signed by the OWNER and the CONTRACTOR.

The Work under this Contract shall consist of the items listed in the Bid Form, including all incidentals necessary to fully complete the project in accordance with the Contract Documents. The Contract Documents shall consist of the Advertisement, Instructions to Bidders, Supplemental Instructions to Bidders, Supplemental Specifications, Bid Form, Project Plans and Drawings, Standard Plans and Details, Technical Specifications, General Conditions, General Specifications, Method of Payment, Insurance, Bonds and Agreement.

The Contract Documents comprise the entire agreement between OWNER and CONTRACTOR. The Contract Documents are complimentary, and what is called for by any one shall be as binding as if called for by all. The intent of the Contract Documents is to include in the Contract Price the cost of all labor and material, water, fuel, tools, plant, equipment, light, transportation and all other expenses that may be necessary for the proper execution and completion of the Work.

### 3. BONDS

The CONTRACTOR shall furnish a surety bond (form included) in an amount at least equal to 100 percent of the Contract Price as security for faithful performance of this Contract. CONTRACTOR shall also furnish a separate surety bond (form included) in an amount at least equal to 100 percent of the Contract Price as security for the payment of all persons performing labor on the project under this Contract, and furnishing materials in connection with this Contract. The Surety on each such bond shall be a duly authorized surety company satisfactory to the OWNER.

The CONTRACTOR shall furnish a Maintenance and Guarantee Bond (form included) covering all Work under this Contract. The guarantee is to cover fifty percent (50%) of the contract amount for a period of two (2) years subsequent to the date of final payment unless otherwise specified.

Should any Surety upon any bond furnished in connection with this Contract become unacceptable to the OWNER, or if any such Surety shall fail to furnish reports as to his financial condition from time to time as requested by the ENGINEER, the CONTRACTOR must promptly furnish such additional security as may be required from time to time by the ENGINEER to protect the interests of the OWNER or persons supplying labor or materials in the prosecution of the Work contemplated by the Contract.

### 4. CONTRACT DRAWINGS & SPECIFICATIONS

The original drawings prepared by the ENGINEER and included in the Contract Documents may be supplemented by other drawings furnished by the CONTRACTOR and approved by the ENGINEER or supplied to the CONTRACTOR by the ENGINEER during progress of the Work as he may deem to be necessary or expedient. All such supplementary Contract Drawings or instructions are intended to be consistent with the Contract Documents, true developments thereof, and reasonably inferable therefrom. Therefore, no extra charge will be allowed on a claim that particular supplemental contract drawings or instructions differed from the Contract Documents, incurring extra work, unless CONTRACTOR has first brought the matter, in writing, to the ENGINEER's attention for proper adjustment before starting on the work covered by such, and has received from the ENGINEER an order, in writing, to so proceed.

These original and supplemental drawings constitute the drawings according to which the Work is to be done. The CONTRACTOR shall keep at the site of the Work an approved or confirmed copy of all drawings and specifications, and shall at all times give the ENGINEER and OWNER access thereto.

### 5. COORDINATION OF CONTRACT DOCUMENTS

In case of discrepancy, figured dimensions shall govern over scaled dimensions and the parts of the Contract will prevail over all other parts of the following order:

Supplemental Specifications

Supplemental Instructions to Bidders

Instructions to Bidders

Bid Form

Project Plans and Drawings

Standard Plans & Details

Method of Payment

Technical Specifications

General Conditions

General Specifications

#### Insurance Specifications and Bond Forms

The CONTRACTOR shall not take advantage of any apparent error or omission in the Contract Documents, and if any inconsistency, omission, or conflict is discovered in the Contract Documents, or if in any place the meaning of the Contract Documents is obscure, uncertain, or in dispute, the ENGINEER will decide as to the true intent.

Information regarding site of the Work given in drawings and specifications has been obtained by the ENGINEER and is believed to be reasonably correct, but the OWNER does not warrant either the completeness or accuracy of such information, and it is the CONTRACTOR's responsibility to verify all such information.

#### 6. PRECONSTRUCTION MEETING

A preconstruction meeting will be held prior to the beginning of any work. The ENGINEER will schedule the meeting as soon as possible after acceptable executed Contract Documents are received from the CONTRACTOR.

Notice of the meeting will be made to the OWNER, the CONTRACTOR, and to the following applicable entities, contingent upon their interest in the project:

Utility Companies

County Road Commission

Michigan Department of Transportation (MDOT)

Michigan Department of Labor-Safety Division

Railroad Companies

Other State, Local and County Agencies

The purpose of the preconstruction meeting is to discuss particular procedures and potential problem areas. The CONTRACTOR is given updates on the conditions of the proposed construction and what is expected as to proper notification in the event of damage to existing utilities.

The CONTRACTOR shall submit in writing at the preconstruction meeting the following information:

Schedule of construction

Sources of materials

Final list of subcontractors

The designated safety officer on the job

Superintendent for the project

Foreman in charge on the job site

Emergency and after hours phone numbers for CONTRACTOR, including Safety Officer, Superintendent and Foreman.

Approval by ENGINEER and OWNER of any construction schedule indicating completion of the work in less time than allotted by the Contract shall not be construed as an acknowledgment, either express or implied, that the work can be completed within the time shown on this schedule, and shall not under any circumstances give rise to a cause of action for damages by the CONTRACTOR.

#### 7. REUSE OF DOCUMENTS

Neither CONTRACTOR nor any subcontractor or supplier or other person or organization performing or furnishing any of the Work under a direct or indirect contract with OWNER shall have or acquire any title to or ownership rights in any of the drawings, specifications or other documents (or copies of any thereof) prepared by or bearing the seal of ENGINEER; and they shall not reuse any of them on extensions of the project or any other project without written consent of OWNER and ENGINEER and specific written verification or adaptation by ENGINEER.

#### 8. AVAILABILITY OF LANDS

OWNER shall furnish, as indicated in the Contract Documents, the lands upon which the work is to be performed, rights-of-way for access thereto, and such other lands which are designated for the use of CONTRACTOR. CONTRACTOR shall provide for all additional lands and access thereto that may be required for temporary

construction facilities or storage of materials and equipment.

Permission to use private property shall be obtained prior to any such use by the CONTRACTOR. Written evidence of such permission shall be given to the ENGINEER prior to any such use.

#### 9. PHYSICAL CONDITIONS

Reference is made to the Supplemental Instructions to Bidders for identification of those reports of investigations and tests of subsurface and latent physical conditions at the site or otherwise affecting cost, progress or performance of the Work which have been relied upon by the ENGINEER in preparation of the drawings and specifications. Such reports are not guaranteed as to accuracy or completeness and are not part of the Contract Documents.

#### 10. GENERAL REQUIREMENTS OF MATERIALS & WORKMANSHIP

In the specifications where a particular material or piece of equipment is specified by reference to some particular make or type, or equal, it is not the intent to limit competition but to set up by such reference a standard of quality most easily understood and defined. If materials or equipment of other make or type other than that specified by name are offered by CONTRACTOR they will be given full consideration by the ENGINEER, and the ENGINEER's decision will be final as to whether the materials or equipment offered are equal to those specified.

Unless otherwise stipulated in the specifications, all equipment, materials and articles incorporated in the Work covered by this Contract are to be new and of the best grade of their respective kinds for the purpose. The CONTRACTOR shall, if required, furnish such evidence as to kind and quality of materials as the ENGINEER may require.

The CONTRACTOR shall furnish suitable tools and building appliances and employ competent labor to perform the work to be done, and any labor, tools or appliances that shall not, in the judgment of the ENGINEER,

be suitable or competent to produce this result may be ordered from the Work by him, and such labor, tools or appliances shall be substituted therefore by the CONTRACTOR as will meet with the approval of the ENGINEER.

If not otherwise provided, material or work called for in this Contract shall be furnished and performed in accordance with well-known established practice and standards recognized by architects, engineers and the trade.

#### 11. SHOP DRAWINGS & SPECIAL DRAWINGS

Where called for in the specifications, CONTRACTOR shall submit to the ENGINEER for approval in not less than five copies, details, specifications, cuts and drawings of such equipment and structural work as may be required. CONTRACTOR shall make any changes or alterations required by the ENGINEER and resubmit same without delay. Approval of the ENGINEER shall not relieve the CONTRACTOR of responsibility for errors in the drawings, as the ENGINEER's checking is intended to cover compliance with the drawings and specifications and not to enter into every detail of the shop work. No work shall be undertaken until the ENGINEER has approved the shop drawings.

When the work of the CONTRACTOR is of a nature originating with it, full general and detail drawings shall be furnished to the ENGINEER on 24" x 36" size sheets of polyester film base which shall, upon approval, become the property of the OWNER.

It is understood that approval by the ENGINEER of CONTRACTOR's drawings, whether general or detailed, is a general approval relating only to their sufficiency and compliance with waiver of errors, discrepancies or omissions.

#### 12. CHANGES IN QUANTITIES OR PLANS

The OWNER reserves the right to make, by written order, at any time during the Work, such changes in quantities and such alterations in the work as are necessary to satisfactorily complete the project. Such changes in quantities and alterations shall not invalidate the Contract nor release the Surety, and by signing a work order or authorization, the CONTRACTOR agrees to perform the Work as altered and agrees to accept, as payment in full for such Work, the monetary amounts set forth in such written order as balanced by OWNER. In addition, by signing a written order, the CONTRACTOR releases the OWNER from any and all claims for compensation with regard to the items of work specified in the written order; including, but not limited to, any and all claims for delay and overhead, unless the OWNER is notified in writing at the time of signing the authorization that the CONTRACTOR refuses to release the OWNER from such claims. All increases in quantities of work which appear in the Contract as pay items shall be paid for at the Contract Unit Prices. Decreases in quantities included in the Contract shall be deducted from the Contract at the Contract Unit Prices.

### 13. ESTIMATED QUANTITIES

The quantities of various classes of work to be done and materials to be furnished under this Contract, which have been estimated as stated elsewhere herein, are approximate and only for the purpose of comparing, on a uniform basis, the bids offered for work under this Contract; and neither the OWNER nor the ENGINEER is to be held responsible should any of the said estimated quantities be found incorrect during the construction of the work; and the CONTRACTOR shall make no claim for anticipated profit, nor for loss of profit, because of a difference between the quantities of the various classes of work actually done or materials actually delivered, and the estimated quantities as herein stated.

### 14. PAYMENTS

Payments for work completed, as recommended by the ENGINEER, will be made as specified herein.

### Partial Payments

CONTRACTOR shall submit to OWNER an application for each payment and shall submit a Contractor's Declaration declaring that he has not performed any work, furnished any material, sustained any loss, damage or delay for any reasons, including soil conditions encountered or created, or otherwise done anything for which he will ask, demand, sue for, or claim compensation from the OWNER other than as indicated on the Contractor's Declaration and shall, if required, submit receipts or other vouchers showing his payments for materials and labor, including payments to subcontractors.

Payments, based on progress estimates, will be made on a monthly basis on work completed during the preceding month, less retainage held in accordance with Public Act No. 524 of 1980.

The retainage shall be as follows:

Not more than ten percent (10%) of the dollar value of all work in place until work is fifty percent (50%) in place.

After the work is fifty percent (50%) in place, additional retainage shall not be withheld unless the OWNER determines that the CONTRACTOR is not making satisfactory progress, or for other specific cause relating to the CONTRACTOR's performance under the Contract. If the OWNER so determines, then the retainage amount shall not be more than ten percent (10%) of the dollar value of work more than fifty percent (50%) in place.

Retainage shall be released to CONTRACTOR together with the final progress payment.

The OWNER may withhold payment of any estimate or portion of estimate until the CONTRACTOR shall have furnished satisfactory evidence that he has paid all claims of every nature. The CONTRACTOR shall submit to the OWNER with each application for payment a "Sworn Statement" attesting to all payments made and balances due to all subcontractors and to all suppliers of materials, fuel, and equipment for the project work completed. He shall also attest

to all payments made for labor furnished for the work completed. The "Sworn Statement" shall be in a form acceptable to the OWNER and all suppliers and subcontractors shall be listed along with payments made and balances owed to each.

No partial payment shall be considered as acceptance of the work or any portion thereof prior to final completion of the work, and payment of final estimate.

#### Final Payment

The CONTRACTOR's request for final payment shall be accompanied by the following documents:

Contractor's Declaration

Contractor's Affidavit

Unconditional waivers, as required, from major suppliers and subcontractors

Release of Surety

Release from other public agencies for which permits have been obtained under this Agreement.

Within thirty (30) days after completion of the work under this Agreement to the satisfaction of the OWNER and ENGINEER, in accordance with all and singular terms and stipulations herein contained, the OWNER shall make final payment, from a final estimate made by the ENGINEER. Before final payment is made, the CONTRACTOR shall, as directed by the OWNER, make a Contractor's Affidavit that he has paid all claims of every nature, or secured a release from the Surety or Sureties approving payment of the final estimate by the OWNER. Final payment, when made, shall be considered as final approval and acceptance of the completed work herein specified.

The acceptance by the CONTRACTOR of final payment aforesaid shall operate as, and shall be, a release to the OWNER and his agents, from all claim and liability to the CONTRACTOR for anything done or furnished for, relating to, or affecting the work.

#### Incorrect/Improper Payments

OWNER shall not, nor shall any officer thereof, be precluded or stopped by any return or certificate made or given by the ENGINEER, or other officer, agent or appointee, under the provision of this Agreement, at any time (either before or after final completion and acceptance of the work and payment made therefore pursuant to any such return or certificates showing the true and correct amount of money due therefore, notwithstanding any such return or certificate, or any payment made in accordance therewith) from demanding and receiving from the CONTRACTOR or his sureties, separately or collectively, such sums as may have been improperly paid said CONTRACTOR by reason of any such return or certificate which has been untrue or incorrectly compiled.

#### 15. EXTENSION OF TIME

All days in which work is suspended by order of the ENGINEER, or in accordance with these specifications, shall automatically extend the time for completion an equal number of days.

In the event work is suspended because the CONTRACTOR does not perform, no extension will be allowed for this period of time.

All requests from CONTRACTOR for extensions of time shall be submitted in writing. Such requests shall detail the reason for the request, provide a realistic revised completion date, and indicate any other areas which may be impacted by such an extension. Such requests must be submitted to the field ENGINEER within ten (10) days after the occurrence of the incident or situation that brought about a reason for extending the time of completion. The final decision of whether or not to grant an extension of time will be made by the field ENGINEER. In no case will a request be considered if it is submitted after the ten (10) day period has passed.

#### 16. AUTHORITY

No officer, agent or employee of the OWNER shall have power to revoke, alter,

enlarge, or relax the stipulations or requirements of the Contract Documents, except insofar as such authority may be specifically conferred by the Contract Documents themselves, without formal authorization to do so, conferred by the Agreement, or by ordinance, resolution or other usual official action by the OWNER.

#### 17. PROGRESS OF WORK

The work shall be prosecuted regularly and uninterruptedly, unless the OWNER shall otherwise specifically direct, with such force and at such points as to insure its full completion within the time stated herein.

If, in the opinion of the ENGINEER, it is necessary or advisable that certain portions of the work be done immediately, the CONTRACTOR, upon written order shall proceed with such work without delay. Should he fail to so proceed, the OWNER may do or cause to be done, such work, and the cost of same will be deducted from any money due or to become due the CONTRACTOR under this Agreement.

#### 18. TIME IS ESSENCE OF CONTRACT

It is distinctly understood and agreed to by the parties hereto that the time specified for completion of the Work is the essence of this Agreement, and CONTRACTOR shall not be entitled to claim performance of this Agreement unless the work is satisfactorily completed, in every respect, within the time herein specified.

#### 19. COMMENCEMENT OF CONTRACT TIME

The Contract Times will commence to run on the thirtieth day after the Effective Date of the Agreement or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within thirty (30) days after the Effective Date of the Agreement. In no event will the Contract Times commence to run later than the sixtieth (60) day after the day of Bid Opening or the thirtieth (30) day after the Effective Date of the Agreement, whichever date is earlier.

#### Owner Responsibilities

#### 20. EXTRA & FORCE ACCOUNT WORK

When extra work is required, it shall be performed and payment for such work will be on the unit price or lump sum basis agreed to in a written order. When such agreement cannot be reached, the OWNER may order such work, including any required offsite work, to be done by force account. The compensation as herein provided shall be accepted by the CONTRACTOR as payment in full for extra work done by force account, and the said percentages shall cover profit, superintendence, general expense, overhead, miscellaneous unforeseen costs, and the use of small tools and equipment. For approved subcontract work, the CONTRACTOR will be paid an amount equal to six percent (6%) of the total cost of the subcontract work, as reimbursement for administrative costs incurred in connection with the subcontract work.

When it is necessary for the CONTRACTOR to hire a firm to perform a specialized type of work or service for which the CONTRACTOR or subcontractors are not qualified to do, payment will be made at the invoice cost. The CONTRACTOR will be paid an amount equal to six percent (6%) of the invoice cost, as reimbursement for administrative costs. Prior approval by the OWNER is required.

#### REPORTS:

The CONTRACTOR shall furnish to the OWNER, itemized reports of the costs of all force account work. The reports shall be furnished each week and shall include a certified copy of the weekly payroll and copies of bills for the materials used and the freight charges paid on same. Discount for prompt payment or penalty for late payment will not be considered in determining the net amount of the bill. The net amount of the bill shall be charged to the force account work. Where materials used are not specifically purchased for use on extra work but are taken from the CONTRACTOR's stock, the CONTRACTOR shall submit a certification

of the quantity, price, and freight on such materials in lieu of original bills and invoices.

The CONTRACTOR shall prepare itemized statements containing the following detailed information:

Labor: Name, classification, dates, number of hours worked each day, total hours computed to nearest half hour, total hours, rate, and extension for each employee engaged.

Equipment: Designation, number of hours used each day (computed to nearest half hour), total hours, rental rate, and extension for each unit of equipment engaged.

Materials: Quantities of materials, with prices per unit and extensions and freight costs when applicable.

The CONTRACTOR and the OWNER shall compare records of force account work and bring them into agreement at the end of each day.

#### LABOR:

For all labor and for all craft foreman directly engaged in the specific work, the CONTRACTOR will be paid the actual rate of wages and the number of hours paid said labor and foremen in accordance with approved labor agreements, computed to nearest half hour, to which sum twenty-six (26) percent will be added (this sum includes a one (1) percent allowance for the Single Business Tax). Project foremen will be classified as Superintendents and their compensation will not be included in the payment provided herein.

Bond Premium: Workmen's Compensation Insurance; Personal Injury Public Liability and Property Damage Public Liability Insurance; Unemployment Compensation; Federal Social Security; and payments required to be made to Employer and Employee Trusteships, the proceeds from which accrue exclusively to the benefit of the employee; will be paid for at actual cost, to which sum twenty (20) percent will be added except that twenty-six (26) percent will be added to the taxable fringe benefits. The CONTRACTOR shall furnish satisfactory evidence of the amounts paid for each of

these required costs as related to force account work.

#### MATERIALS:

For materials, the CONTRACTOR will receive the actual cost delivered to the project site, including freight charges, as shown by copies of bills, to which sum fifteen (15) percent will be added.

If a charge in the amount or type of force account work results in a surplus of the material ordered and delivered to the project site, the OWNER will reimburse the CONTRACTOR for the costs incurred in returning the surplus material to the supplier.

#### SMALL HAND & POWER TOOLS:

No payment will be allowed for small hand and power tools which are not listed in the Rental Rate Blue Book for Construction Equipment as published by the Equipment Guide Book Company. All small hand and power tools listed in the Rental Rate Blue Book at a rate of less than one (1) dollar per hour will be considered part of overhead and will not be paid for separately.

#### EQUIPMENT:

For any machinery and equipment, including the foreman's transportation unit, which the OWNER approves for use on extra work done by force account, the CONTRACTOR will be paid as follows:

The time paid for shall be the period that the equipment is required at the site of the extra work and, in addition, shall include traveling time to the location of the extra work when the equipment is moved under its own power. When transportation from one site to another is by other than its own power, the actual operating time during periods of loading and unloading will be paid for at the regular rental rate and transportation costs will be allowed.

When the periods of work are not consecutive and the interval between the termination of a period of work and the commencement of the subsequent period does not exceed thirty (30) days, the rates allowed will be the same as if the periods of work were consecutive.

The rental rate established for each piece of CONTRACTOR owned equipment, including appurtenances and attachments to equipment used will be determined by use of the Rental Rate Blue Book for Construction Equipment Volume 1, 2, or 3, as applicable. The edition which is current at the time the force account work was started will apply.

The established rental rate will be equal to the "Monthly" rate divided by 176; modified by the rate adjustment factor and the applicable map adjustment factor, plus the "Estimated Operating Costs per Hour", to which sum ten (10) percent will be added.

For equipment not listed in the Rental Rate Blue Book, Volume 1, 2, or 3, the rental rate will be determined by using the rate listed for a similar piece of equipment or by proportioning a rate listed so that the capacity, size, horsepower, and age are properly considered.

For equipment for which there are no comparable in the Rental Rate Blue Book, Volume 1, 2, or 3, the monthly rate shall be reasonable, but not more than five (5) percent of the current list price, or invoice, of the equipment. The base hourly rate shall then be determined by dividing the monthly rate by 176 to which sum twenty percent (20%) will be added. The twenty percent (20%) includes adjustments and operating costs.

The rates used for CONTRACTOR owned trucks used to haul material will be those published by MDOT. These rates shall include all adjustments and operating costs. Separate payment for the driver will be allowed. The rates will be reviewed and adjusted periodically.

The rental rate for the foreman's transportation unit will be seven dollars (\$7.00) per hour, to which sum twenty percent (20%) will be added.

When leased or rented equipment is used on force account work, the hourly rate used in computation of payment will be the leased or rented rate, except that if the leased or rented rate exceeds the rental rate established by the Rental Blue Book, the established rate determined from the Blue Book will apply. In

either case, the Estimated Operating Cost per Hour will be added to the appropriate hourly rate to which sum ten percent (10%) will be added.

In all cases the "Estimated Operating Cost per Hour" includes all fuel, oil, lubrications, tires, parts, and other operating expendables such as truck and labor assigned to the truck for servicing the equipment.

The rental rates allowed herein include the cost of insurance covering the usual insurable risks, including fire and theft. The OWNER will not be liable for losses which can be covered by insurance.

In the event that machinery or equipment is idled, payment may be allowed on a rental basis for the idled equipment as specified herein. Only machinery or equipment actually on the project site at the time of the delay, as required for that phase of construction work in question, will be considered eligible for rental reimbursement. Specialized equipment for machinery directly related to the work, whether on or off the site, may be considered eligible for payment if actually idled and if such idleness can be certified by the CONTRACTOR and verified by the OWNER. Payment for idled equipment and/or machinery will not be allowed during periods of seasonal suspension of the work.

The rental rate for idled leased or rented equipment will be the leased or rented rate, or the equipment shall be returned and taken off rental as directed by the OWNER.

The rental rate for idled CONTRACTOR owned equipment will be the "Monthly" rate divided by 176; modified by the rate adjustment factor and the applicable map adjustment factor, and then multiplied by fifty percent (50%). No payment will be allowed for operating costs.

Payment will be limited to the difference between the hours worked and eight (8) hours in any one day and to the difference between the hours worked and forty (40) hours in any one week. No provisions of these specifications shall entitle the CONTRACTOR to rental compensation for

idled equipment. No additional compensation for overhead will be allowed.

In the event that labor is idled, payment may be allowed provided there is no other location within the project that the labor can be gainfully employed. Payment will be limited to a maximum of eight (8) hours per occurrence and in no case will exceed the amount of the CONTRACTOR's obligation as provided by the CONTRACTOR's current labor agreement. No additional compensation for overhead will be allowed.

#### 21. PAYMENTS WITHHELD

The OWNER may withhold or, on account of subsequently discovered evidence, nullify the whole or a part of any certificate for progress payment to such extent as may be necessary to protect itself from loss on account of:

Defective work not remedied;

Claims filed or reasonable evidence indicating probable filing of claims;

Failure of the CONTRACTOR to make payments properly to subcontractors or for material or labor;

A reasonable doubt that the Agreement can be completed for the balance then unpaid;

Damage to another CONTRACTOR.

When the above grounds are removed, payment shall be made for amounts withheld because of them.

#### 22. USE OF COMPLETE PORTIONS OF THE WORK

The OWNER may, at any time during progress of the work, after written notice to CONTRACTOR, take over and place in service any completed portions of the work which are ready for service, although the entire work of the Agreement is not fully completed, and notwithstanding the time for completion of the entire work or such portions may not have expired. In such event, the CONTRACTOR will be relieved of further work on, or maintenance of, said portion except as covered by his guarantee of same.

### Engineer Responsibilities

#### 23. ENGINEER DURING CONSTRUCTION

The Work shall be subject to the approval of the ENGINEER, who shall determine the amount, quality, acceptability, and fitness of the items of work and materials to be furnished hereunder, and who shall decide all questions which may arise as to measurements of quantities and fulfillment of the requirements of the Contract Documents.

#### 24. AUTHORITY & DUTIES OF CONSTRUCTION OBSERVER

Construction Observers may be appointed by the ENGINEER and directed to check or review materials used and completed work. The observation may extend to any parts of the Work and to the preparation or manufacture of the materials for use in the Work. Construction Observers will not be authorized to revoke, alter, enlarge, or relax any of the provisions of the Contract Documents. The Construction Observer will call to the attention of the CONTRACTOR any failure to follow the plans and specifications that he may observe. In case of any dispute arising between the CONTRACTOR and Construction Observer as to materials furnished or the manner of performing the work, the Construction Observer shall have the authority to reject materials or completed items of work until the question at issue can be referred to and be decided by the ENGINEER. In no instance shall any action or omission on the part of the Construction Observer relieve the CONTRACTOR of the responsibility of completing the Work in accordance with the Contract Documents.

#### 25. LIMITATIONS ON ENGINEER'S RESPONSIBILITIES

Neither ENGINEER's authority or responsibility under this Article or under any other provision of the Contract Documents nor any decision made by ENGINEER in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise or performance of any

authority or responsibility by ENGINEER shall create, impose or give rise to any duty owed by ENGINEER to CONTRACTOR, any subcontractor, any supplier, any other person or organization, or to any surety for or employee or agent of any of them.

ENGINEER will not supervise, direct, control or have authority over or be responsible for CONTRACTOR's means, methods, techniques, sequences or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of CONTRACTOR to comply with laws and regulations applicable to the furnishing or performance of the Work. ENGINEER will not be responsible for CONTRACTOR's failure to perform or furnish the Work in accordance with the Contract Documents.

ENGINEER will not be responsible for the acts or omissions of CONTRACTOR or of any subcontractor, any supplier, or of any other person or organization performing or furnishing any of the Work.

ENGINEER's review of the final application for payment and accompanying documentation and all maintenance and operating instructions, schedules guarantees, bonds and manufacturer's certificates of inspection, tests, and approvals and other documentation required in Article 14b will only be to determine generally that their content complies with the requirements of, and in the case of manufacturer's certificates of inspections, tests and approvals that the results certified indicate compliance with the Contract Documents.

The limitations upon authority and responsibility set forth in this Section shall also apply to ENGINEER's consultants, authorized representative and assistants.

## 26. LINES & GRADES

Principal reference lines or points and bench marks may be given by the ENGINEER at such time as he may deem necessary; or, if the CONTRACTOR shall be in need of such reference lines or bench marks, he shall notify the ENGINEER three (3) working days in advance.

The ENGINEER may set suitable stakes and marks showing locations and elevations of the various parts of the work, and will furnish the CONTRACTOR with required data referring to the reference points. No work shall be undertaken until such stakes and marks shall have been set by the ENGINEER. CONTRACTOR shall take due and proper precautions for the preservation of these stakes and marks, shall see that the work at all times proceeds in accordance therewith, and shall provide all labor and material to set the required line and grade control and locate the work accurately with reference to the above points. In case such stakes are destroyed due to the CONTRACTOR's carelessness, they will be replaced at the ENGINEER's earliest convenience and the CONTRACTOR may be back charged for the crew time incurred.

## 27. TESTING & SAMPLING

Where called for in the specifications, samples of materials in the quantity named shall be submitted to the ENGINEER for approval. Where tests are required, they shall be made at the expense of the OWNER, except as otherwise called for in the specifications. For materials covered by ASTM or Federal Specifications, or with the specifications of well known or recognized technical and/or trade organizations, unless otherwise stipulated, required tests are to be made by the manufacturer, and his certificate therefore submitted to the ENGINEER.

The ENGINEER and/or OWNER shall determine which materials are required by the specifications to be factory certified or to have chemical or physical analysis or other examination or test. The CONTRACTOR shall furnish to the ENGINEER and/or OWNER two copies of orders for all materials requiring such examination or test as soon as placed. Such orders shall contain complete information, including that as to the quantity, quality, dimensions, sizes, capacities and types, shall contain proper reference to the applicable specifications by title, number and paragraph, and shall show the name and address of the producing

factory but need not contain prices or contractual terms.

All materials and workmanship (if not otherwise designated by the specifications) shall be subject to examination and test by the ENGINEER and/or OWNER at any time during manufacture or construction, and at any place where such manufacture or construction is carried on. The ENGINEER and/or OWNER shall have the right to reject defective material and workmanship or require its correction. Rejected workmanship shall be satisfactorily corrected, and rejected material shall be satisfactorily replaced with proper material without charge therefore, and the CONTRACTOR shall promptly segregate and remove rejected material from the premises. If the CONTRACTOR fails to proceed at once with replacement of rejected material and correction of defective workmanship, the OWNER may, by Agreement or otherwise, replace such material and correct such workmanship and charge the cost thereof to the CONTRACTOR, or may immediately terminate the Agreement.

CONTRACTOR shall furnish promptly, without additional charge, all reasonable facilities, labor and materials necessary for the safe and convenient conduct of all construction observations and tests that may be required by the ENGINEER. All construction observations and tests by the ENGINEER and/or OWNER shall be performed in such a manner as not to delay the work unnecessarily. Special, full size, and performance tests shall be as described in the specifications. CONTRACTOR shall be charged with any additional cost of construction observations when material or workmanship is not ready at the time checking is requested by the CONTRACTOR.

Should it be considered necessary or advisable by the ENGINEER and/or OWNER any time before final acceptance of the entire work to make an examination of work already completed, by removing or tearing out same, the CONTRACTOR shall on request promptly furnish all necessary

facilities, labor and material. If such work is found to be defective or nonconforming in any material respect, due to the fault of the CONTRACTOR or his subcontractor, CONTRACTOR shall defray all the expenses of such examination and of satisfactory reconstruction, and be responsible for any resulting delay. If, however, such work is found to meet the requirements of the Agreement, the actual cost involved in the examination and replacement shall be allowed the CONTRACTOR and he shall in addition, if completion of the work has been delayed thereby, be granted a suitable extension of time on account of the additional work involved.

Examination of material and finished articles to be incorporated in the work at the site shall be made at place of production, manufacture or shipment stated in the specifications; and such examinations and acceptance, unless otherwise stated in the specifications, shall be final, except as regards latent defects, departures from specific requirements of the Agreement and the specifications and drawings made a part thereof, damage or loss in transit, fraud or such gross mistakes as amount to fraud. Subject to requirements contained in the preceding sentence, examinations of material and workmanship for final acceptance as a whole or in part shall be made at the site.

#### **Contractor Responsibilities**

#### **28. UNFORSEEN PHYSICAL CONDITIONS**

CONTRACTOR shall promptly notify the OWNER and ENGINEER in writing of any subsurface or latent physical conditions at the site or in an existing structure differing materially from those indicated or referred to in the Contract Documents. The ENGINEER will promptly review those conditions and advise the OWNER in writing if further investigation or tests are necessary. Promptly thereafter, the OWNER shall obtain the necessary additional investigations and tests and furnish copies to the ENGINEER and the CONTRACTOR. If the ENGINEER finds that the results of such investigations or tests

indicate that there are subsurface or latent physical conditions which differ materially from those intended in the Contract Documents, and which could not reasonably have been anticipated by the CONTRACTOR, a Change Order may be issued incorporating the necessary revisions.

## 29. COMPOSITION OF THE CONTRACTOR

If the CONTRACTOR hereunder is comprised of more than one legal entity, each such entity shall be jointly and severally liable hereunder.

## 30. ASSIGNMENT OF CONTRACT

The CONTRACTOR shall not sublet, assign or transfer this Agreement or any portion thereof or any payments due him thereunder, without the written consent of the OWNER.

Assignment or subletting the whole or any portion of this Agreement shall not operate to release the CONTRACTOR or his bondsmen hereunder from any of the contract obligations.

The CONTRACTOR agrees that he is fully responsible to the OWNER for the acts and omissions of his subcontractors and of persons either directly or indirectly employed by him. Nothing contained in the Contract Documents shall create any contractual relation between any subcontractors and the OWNER.

Neither the ENGINEER nor any officer, agent or employee of the OWNER shall have any power or authority whatsoever to bind the OWNER or to incur obligation in his behalf to any subcontractors, material supplier or other persons in any manner whatsoever.

## 31. AGENTS

Work shall be carried on under personal supervision of the CONTRACTOR or his properly authorized representative, who shall be on the grounds at all times during the construction, and who shall have full and responsible charge of the Work with power to receive orders and carry out instructions.

## 32. SAFETY & PROTECTION

### A. People and Property

CONTRACTOR shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. CONTRACTOR shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

All persons on the site or who may be affected by the Work;

All the Work and materials and equipment to be incorporated therein, whether in storage on or off the site; and

Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.

### B. Site Safety

CONTRACTOR shall comply with all applicable laws and regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. CONTRACTOR shall notify owners of adjacent property and of underground facilities and other utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property. All damage, injury, or loss to any property referred to in this section caused, directly or indirectly, in whole or in part, by CONTRACTOR or any subcontractor, supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by CONTRACTOR. CONTRACTOR's duties and responsibilities for safety and for protection of the Work shall continue until such time as all the Work is completed and ENGINEER has issued a notice to OWNER

and CONTRACTOR that the Work is acceptable (except as otherwise expressly provided in connection with Substantial Completion).

#### C. Safety Representative

CONTRACTOR shall designate a qualified and experienced safety representative at the site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.

#### D. Hazard Communication Program

CONTRACTOR shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the site in accordance with laws or regulations.

#### E. Compliance with MIOSHA

All of the CONTRACTOR and subcontractors operations and construction equipment shall comply with requirements of the Michigan Occupational Safety and Health Act (MIOSHA) insofar as they apply to the work to be performed under this Contract.

### 33. CONTRACTOR'S SUPERVISION & ORIGATION

The Work under this Agreement shall be under the direct supervision and direction of the CONTRACTOR. The CONTRACTOR shall give sufficient supervision to the Work, using his best skill and attention. The CONTRACTOR shall, at all times, keep on the site of the Work during its progress a competent superintendent and any and all necessary foremen and assistants. The superintendent shall represent and have full authority to act for the CONTRACTOR in the latter's absence, and all directions given to him shall be as binding as if given to the CONTRACTOR. On written request in each case, all such directions will be confirmed in writing to the CONTRACTOR.

The CONTRACTOR shall employ only competent, efficient workmen and shall not use on the Work any unfit person or one not

skilled in the work assigned to him, and he shall at all times enforce strict discipline and good order among his employees. Whenever the ENGINEER shall notify the CONTRACTOR, in writing, that any man on the Work is, in the opinion of the ENGINEER, careless, incompetent, disorderly, or otherwise unsatisfactory, such man shall be discharged from the work and shall not again be employed on it except with the written consent of the ENGINEER.

The CONTRACTOR shall establish and maintain an office on the site of the work, or at some convenient point adjacent thereto, during the continuance of this Agreement and shall have at all times during working hours, a representative authorized to receive and execute any and all orders, when given by the ENGINEER; and such order, when given out and received by said representative shall be deemed to have been given to and received by the CONTRACTOR. Copies of the drawings and specifications shall at all times be kept on file by the CONTRACTOR at readily accessible points near the work.

### 34. CONTRACTOR'S RIGHT TO STOP WORK

If the work should be stopped under an order of any court, or other public authority for a period of three months, through no act or fault of the CONTRACTOR or of anyone employed by him, or if the OWNER should fail to pay to the CONTRACTOR within sixty (60) days of its maturity and presentation any sum certified by the ENGINEER, provided no appeal is taken, the CONTRACTOR may, upon seven (7) days' written notice to the OWNER and the ENGINEER, stop work or terminate this Agreement, and shall receive from the OWNER payment in full for all work executed, as determined from the prices contained in the approved detailed estimate as computed by the ENGINEER, but no claim for extra compensation or damages shall be made or allowed because of such termination of the Agreement.

### 35. STORAGE OF MATERIALS

Materials and equipment distributed, stored and placed upon or near the site of the Work shall at all times be so disposed as not to interfere with work being prosecuted by other contractors in the employ of the OWNER, or with street drainage, or with fire hydrants or with access thereto, and not to hinder any more than may be necessary the ordinary traffic (either vehicular or pedestrian) of the street.

#### 36. CLEANING UP

The CONTRACTOR shall, as directed by the ENGINEER, remove at his own expense from the OWNER's property and from all public and private property all temporary structures, rubbish and waste materials resulting from his operations. This requirement shall not apply to property used for permanent disposal of rubbish or waste materials in accordance with permission of such disposal granted to the CONTRACTOR by the OWNER thereof.

#### 37. SUNDAY & NIGHT WORK

The CONTRACTOR is required to prosecute work done under this Agreement during the hours of daylight, and no work will be permitted at night or on Sundays, except to save property or life, or as specifically authorized or directed by the ENGINEER.

No work shall be permitted on holidays.

#### 38. SANITARY REGULATIONS

Sanitary conveniences for the use of project personnel properly secluded from public observation shall be constructed and maintained in sanitary condition by the CONTRACTOR. Its use shall be strictly enforced.

#### 39. PERMITS & REGULATIONS

The CONTRACTOR shall secure, at no cost to the OWNER, all permits and licenses necessary for the prosecution of the Work. He shall pay for same at his own expense as well as for any inspection fees required in connection with such permits, and shall conduct his operations in accordance with the provisions of such permits, including tunneling of pavements where required. He

shall also furnish any required bonds and pay the cost of same.

The CONTRACTOR shall keep himself fully informed of all laws, ordinances, and regulations in any manner affecting those engaged or employed in the Work or materials used in the Work, or in any way affecting the conduct of the Work, and of all orders and decrees of bodies or tribunals having any jurisdiction or authority over the same.

He shall at all times observe and comply with, and shall cause all his agents and employees to observe and comply with all existing and future laws, ordinances, regulations, orders and decrees; provided, that if the drawings and specifications are at variance therewith, the CONTRACTOR shall promptly notify the ENGINEER in writing and any necessary changes shall be adjusted as provided in the Contract Documents.

All work shall be executed and checked in accordance with all local and state rules and regulations and all established codes applicable thereto and shall conform in all respects to the requirements of all competent authorities having jurisdiction there over.

Should any change in plans and specifications be required to comply with local regulations, CONTRACTOR shall notify the OWNER at the time of submitting his bid. After entering into Agreement, CONTRACTOR will be held to complete the work necessary to meet local requirements without extra expense to the OWNER.

Where the work required by the drawings and specifications is above the standard required, it shall be done as shown or specified.

#### 40. GUARANTEE

The CONTRACTOR, as a condition precedent to final payment, shall execute a guarantee to the OWNER warranting for a period of two (2) years from date of final payment to keep in good order and repair any defect in all the work done under the Agreement, either by the CONTRACTOR, his subcontractors, or material suppliers, that

may develop during said period due to improper materials, defective equipment, improper materials workmanship, or arrangements, and any other work affected in making good such imperfections shall also be made good, all without expense to the OWNER, and CONTRACTOR shall execute, in favor of the OWNER the attached Maintenance and Guarantee Bond.

#### 41. PATENTS

CONTRACTOR shall pay all royalties and license fees and shall hold and save the OWNER and his agents harmless from all liability of any nature or kind, including cost and expenses for, or on account of, any patented or unpatented invention, process, article or appliance manufactured or used in performance of the Agreement, including its use by the OWNER, unless otherwise specifically stipulated in the Contract Documents. In this respect the CONTRACTOR shall defend all suits or claims for infringement of any patent or license right.

In the event that any claim, suit or action at law or inequity of any kind whatsoever is brought against the OWNER, involving any such patents or license rights, then the OWNER shall have the right to, and may retain, from any money due or to become due to the CONTRACTOR, such sufficient sum as is considered necessary to protect said OWNER against loss, and such sum may be retained by the OWNER until such claim or suit shall have been settled and satisfactory evidence to that effect shall have been furnished the OWNER.

#### 42. INFORMATION BY THE CONTRACTOR

The CONTRACTOR shall submit to the ENGINEER full information as to the materials, equipment and arrangements that the CONTRACTOR proposes to furnish. This information shall be complete to the extent that the ENGINEER may intelligently judge if the proposed materials, equipment and arrangements will meet with the requirements of the Contract Documents.

Prior to approval of the materials, equipment and arrangements by the ENGINEER, based on the information submitted by the CONTRACTOR, any work done by the CONTRACTOR shall be at his own risk.

Approval of information covering materials, equipment and arrangements by the ENGINEER shall in no way release CONTRACTOR from his responsibility for the proper design, installation and performance of any material, equipment or arrangement, or from his liability to replace same should it prove defective.

#### 43. FORFEITURE OF CONTRACT

If work to be done under the Contract Documents shall be abandoned by CONTRACTOR or if, at any time in the judgment of the OWNER, CONTRACTOR shall fail to prosecute the Work at a reasonable rate of progress, or to comply with all or any of the terms and requirements herein set forth, then the OWNER shall have the right to take possession of the Work, including CONTRACTOR's plant, supplies and materials, at any time after having notified the CONTRACTOR, in writing, to discontinue work under this Agreement for said cause or causes, and such action shall not affect the right of the OWNER to recover damages resulting from such failure. Upon receiving such notice the CONTRACTOR shall and will, upon demand, immediately give the OWNER safe and peaceable possession of the Work, including the plant, and shall then cease to have control over any portion thereof or the men employed thereon.

The OWNER may then proceed to complete the Work herein specified, by Agreement or otherwise; and the entire cost of same shall be charged to the CONTRACTOR and deducted from any sum or sums due or to become due under the Agreement; the excess cost, if any, to be paid by CONTRACTOR or his sureties to said OWNER.

#### 44. RELATION TO OTHER CONTRACTORS

CONTRACTOR shall so conduct his operations as not to interfere with or injure

the work of other contractor's or workmen employed on adjoining or related work, and he shall promptly make good any injury or damage which may be done to such work by him or his employees or agents. Should a contract for adjoining work be awarded to another contractor, and should the work of one of these contracts interfere with that of the other, the OWNER shall decide which contractor shall cease work for the time being and which shall continue, or whether work in both contracts shall continue at the same time and in what manner.

#### 45. "OR EQUAL" CLAUSE

Whenever, in any of the Contract Documents an article, material or equipment is defined by describing a proprietary product or by using the name of a manufacturer or vendor, the term "or equal", if not inserted, shall be implied. The specific article, material or equipment mentioned shall be understood as indicating the type, function, minimum standard of design, efficiency and quality desired, and shall not be construed in such a manner as to exclude manufacturers' products of comparable quality, design and efficiency. If the CONTRACTOR proposes any "or equal" substitutes, these substitutes shall be subject to the review and approval of the OWNER before they can be incorporated into the work.

#### **Legal**

#### 46. INDEMNIFICATION

To the fullest extent permitted by Laws and Regulations, CONTRACTOR shall indemnify and hold harmless OWNER and ENGINEER and their consultants, agents and employees from and against all claims, damages, losses and expenses, direct, indirect or consequential (including but not limited to fees and charges of engineers, architects, attorneys and other professionals and court and arbitration costs) arising out of or resulting from the performance of the Work, provided that any such claim, damage, loss or expense (a) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use

resulting therefrom and (b) is caused in whole or in part by any negligent act or omission of CONTRACTOR, any subcontractors, any person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder or arises by or is imposed by Law and Regulations regardless of the negligence of any such party.

In any and all claims against OWNER or ENGINEER or any of their consultants, agents or employees by any employee of CONTRACTOR, any subcontractors, any person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts of them may be liable, the indemnification obligation under the preceding paragraph shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for CONTRACTOR or any such subcontractors or other person or organization under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts.

The obligations of the CONTRACTOR under this article shall not extend to the liability of ENGINEER, ENGINEER's consultants, agents or employees arising out of the preparation or approval of drawings, opinions, reports, surveys, change orders, designs or specifications.

#### 47. CONTROLLING LAW

In the case of a legal dispute between the OWNER and the CONTRACTOR the law of the state of Michigan shall govern. The venue for resolving any legal dispute between the two parties will be within the County of the OWNER's legal address.

#### 48. NO WAIVER OF CONTRACT

Neither acceptance of the whole or any part of the Work by the OWNER or his ENGINEER, or any of its agents, nor any order, measurements or certificate by the ENGINEER, nor any order by OWNER for

payment of money, nor any payment for the whole or any part of the Work by OWNER, nor any extension of time, nor any possession taken by the OWNER or its agents, shall operate as a waiver for any portion of the Contract Documents or any power therein provided; nor shall any waiver of any breach of contract be held to be a waiver of any other or subsequent breach.

#### 49. DISPUTE RESOLUTION

Dispute resolution methods and procedures, if any, shall be as set forth in the Supplemental Specifications. If no method and procedure has been set forth, OWNER and CONTRACTOR may exercise such rights or remedies as either may otherwise have under the Contract Documents or by Laws or Regulations in respect of any dispute.

#### 50. GIVING NOTICE

Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly  
*End of Section*

given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice.

#### 51. CUMULATIVE REMEDIES

The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provision of the Contract Documents, and the provisions of this paragraph will be as effective as if repeated specifically in the contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

## GENERAL SPECIFICATIONS

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#### 1. EXISTING UNDERGROUND STRUCTURES & UTILITIES

The location of public or private utilities shown on the plans is in accordance with the best information available. No guarantee is given that the locations are absolutely accurate or that utilities other than those shown are not present.

For protection of underground utilities, the CONTRACTOR shall contact "MISS DIG" at 1-800-482-7171 a minimum of three (3)

working days prior to excavating. This does not relieve the CONTRACTOR of the responsibility of notifying utility OWNERS who may not be part of the "MISS DIG" alert system.

#### 2. SOIL CONDITIONS

If soil borings have been taken for this project, then they are included in an appendix.

Where the OWNER has caused soil borings to be made to aid the ENGINEER in design of the work, these boring logs are provided herein for the prospective bidder to examine. This information is given to bidders as an aid in determining the character of the soil and groundwater conditions. The OWNER does not guarantee that the ground encountered during construction will conform to the borings. Bidders should secure such other information as they consider necessary to check and supplement the above data.

The CONTRACTOR shall complete the work in whatever materials, and under whatever conditions he may encounter or create.

#### 3. SOIL EROSION AND SEDIMENTATION CONTROL

The CONTRACTOR shall comply with the requirements of the Soil Erosion and Sedimentation Control Act of the State of Michigan, Part 91 of ACT 451 of PA of 1994 and with all the requirements, rules and standards of the official enforcing agent for the project location.

If a soil erosion control permit is required on this project, the CONTRACTOR shall adhere to the specific conditions of the project permit. Where the permit is issued in the name of the CONTRACTOR and requires that a bond be posted, the

CONTRACTOR shall include in his bid the permit fee and bond expense.

The ENGINEER shall have full authority to require compliance with the soil erosion control requirements and may order suspension of the work if measures are not adequate or a problem develops requiring additional soil erosion control measures. Any ordered suspension of the work shall not be grounds for CONTRACTOR's claims for "down time" or "lost time".

#### 4. PRESERVATION, PROTECTION & USE OF SURVEY CONTROLS, MONUMENT POINTS & GRADE STAKES

During the progress of the work, the CONTRACTOR may encounter section line, fractional section line, and property controlling corner monuments. Insofar as is known, such public land survey corners and property monuments have been indicated on the plans.

The CONTRACTOR shall be responsible for complying with the requirements of Michigan Public Act 34. Specifically, he shall be responsible for notifying the county surveyor before removing a public land survey corner monument for construction activities. In addition, if construction time constraints will result in the public land survey corner monument being removed for more than one year, then the CONTRACTOR shall arrange to have a temporary corner monument set until the permanent one can be re-established. The costs of removing and replacing public land survey corner monuments as well as setting temporary corner monuments shall be the responsibility of the CONTRACTOR unless pay items are provided in the bid form for these tasks. The CONTRACTOR shall not remove any such monument until the ENGINEER has witness points as reference for resetting of such monuments. After referencing has been done and suitable permanent sketches prepared, the ENGINEER will give permission to the

CONTRACTOR for removal of the monument. Monuments and monument boxes shall be reset only after all backfilling has fully settled.

The CONTRACTOR shall protect and preserve all monument points, property corners, grade stakes, line and reference points. Where stakes and markers are disturbed or removed due to operations under this Contract, the CONTRACTOR shall be charged at invoice cost by the ENGINEER for replacing the points. Care shall be exercised by the CONTRACTOR when operating near the markers, as any carelessness in operations will also cause a time delay to the schedule due to additional stakeout time required to replace reference points, lines, etc.

The CONTRACTOR shall accurately locate the work from reference points established by the ENGINEER along the surface of the ground and line of work.

#### 5. PROTECTION OF PUBLIC & PRIVATE UTILITIES

Where any utility, water, sewer, gas, telephone or any other public or private utilities are encountered, the CONTRACTOR must provide adequate protection for them, and he will be held responsible for any damages to such utilities arising from his operations.

When it is apparent that construction operations may endanger the foundation of any utility, conduit, or support of any structure, the CONTRACTOR shall notify the utility OWNER of this possibility, and he shall take such steps as may be required to provide temporary bracing or support of conduits or structures.

In all cases where permits or inspection fees are required by utilities in connection with changes to or temporary support of their conduits, the CONTRACTOR shall secure permits and pay all inspection fees.

When it is necessary in order to carry out the work that a pole, telephone or electric, be moved to a new location or moved and replaced after construction, the CONTRACTOR shall arrange for moving such pole or poles and the lines thereof, and shall pay any charges.

Where it is the policy of any utility owner to make his own repairs to damaged conduit or other structures, the CONTRACTOR shall cooperate to the fullest extent with the utility OWNER and shall see that his operations interfere as little as possible with the utility OWNER's operations.

#### 6. MISCELLANEOUS DAMAGES

The CONTRACTOR shall be responsible for repairing all damages to existing lawns, sidewalk, parking lots, streets or other areas outside the limits of the Contract. Private utilities, private ornamental gas or electric lights, sprinkler systems, fences, shrubs, trees, existing sidewalk, or any other surface or subsurface items of value damaged by the CONTRACTOR shall be repaired, replaced or removed and replaced to at least equal condition at the CONTRACTOR's expense unless otherwise specified on the plans.

#### 7. SUMP PUMP DISCHARGE PIPE & LOCAL SERVICES

Any discharge pipe from sump pumps or yard drains encountered on this project, whether or not shown on the plans, which discharges to existing ditches and/or storm sewers or cross public or private easements, shall be maintained, replaced, or reconnected as necessary. Bulkheads shall be placed only as approved by the Engineer. Sump pump connections shall be made to the storm drain pipe by a coring method as approved by the ENGINEER. The CONTRACTOR shall use adequate measures to prevent soil erosion, sedimentation, and/or ponding when connecting discharge pipes to existing or proposed ditches. This work shall be

considered as incidental to the cost of the project.

#### 8. EXISTING SEWER FACILITIES

Existing sewers or drains may be encountered along the line of work. In all such cases, the CONTRACTOR shall perform his operation in such a manner that sewer service will not be interrupted. He shall, at his own expense, make all temporary provisions to maintain sewer service.

Unless otherwise indicated on the plans, the CONTRACTOR shall replace, at his own expense, any disturbed sewer or drain, or relay same at a new grade to be established by the ENGINEER such that sufficient clearance for the sewer will be provided.

#### 9. EXISTING WATER FACILITIES

Where existing water mains and/or water services are encountered in the work, they shall be maintained in operation. They shall be relayed if necessary using the class of pipe and fittings standard to the OWNER of the main.

#### 10. EXISTING GAS FACILITIES

Where existing gas mains are encountered, the CONTRACTOR shall immediately notify the ENGINEER and the gas company. The CONTRACTOR shall then arrange with the gas company for any necessary relocation. The CONTRACTOR will receive no extra compensation on account of delays incurred in conjunction with such relocations.

#### 11. EXISTING ELECTRIC, CABLE, AND TELECOMMUNICATIONS

Where existing electric, cable, or telecommunications facilities are encountered, the CONTRACTOR shall immediately notify the ENGINEER and the affected utility company(ies). The CONTRACTOR shall then arrange with the

utility company for any necessary relocation. The CONTRACTOR will receive no extra compensation on account of delays incurred in conjunction with such relocations.

#### 12. PRESERVATION OF TREES & SHRUBBERY

No trees or shrubbery of any kind shall be removed or destroyed by the CONTRACTOR without written permission of the ENGINEER. The CONTRACTOR will be held fully responsible for any damages caused by his work to adjoining trees and shrubs. Ample precautions shall be taken by the CONTRACTOR to protect such trees and shrubs that are to remain in place by surrounding them with fences or other protection before construction begins. Shrubbery that must be removed shall be preserved and replaced in a manner acceptable to the OWNER.

The CONTRACTOR shall protect and/or replace all shrubbery damaged or destroyed by operations under this Contract. The CONTRACTOR shall receive no extra compensation for preservation of trees and shrubbery.

#### 13. TRIMMING TREES & SHRUBS

Where necessary in the field, the CONTRACTOR shall trim trees and shrubs by a method approved by the ENGINEER. All cut surfaces over one inch in diameter shall be painted with grafting wax. All branches which have been damaged by construction shall be pruned correctly to branch collars, to help promote the health of the tree. Also, any abrasions or gouges afflicted on the tree trunks during construction should be bark traced and lightly coated with tree paint. This work shall be incidental to the project.

#### 14. MAINTENANCE OF SERVICE

Drainage through existing sewers, ditches and drains shall be maintained at all times

during construction, and all nearby gutters shall be kept open for drainage. Where existing sewers are encountered in the line of work that interfere with construction, the flow in the sewers, including both dry weather flow and storm flow, shall be maintained.

During the progress of the work, the CONTRACTOR shall accommodate both vehicular and foot traffic and shall provide free access to fire hydrants, water and gas valves. Except as otherwise specified herein or as noted on the plans, street intersections may be blocked but one-half at a time, and Contractor shall lay and maintain temporary driveways, bridges and crossings such as are necessary, in the opinion of the ENGINEER, to reasonably accommodate the public.

In the event detours, traffic control devices or safety equipment are needed, they shall be placed and maintained in accordance with the Michigan Manual of Uniform Traffic Control Devices (MMUTCD).

Maintenance of service as described above shall be considered as incidental to the project cost unless pay items have been included in the proposal for this work.

#### 15. CLEANLINESS OF THE WORK SITE & STREETS

The CONTRACTOR shall keep the work site and all property occupied by him in a neat and orderly condition at all times. Waste material, rubbish and debris shall not be allowed to accumulate. The CONTRACTOR's equipment, temporary buildings and excess materials shall be promptly removed from the work site when no longer needed. At completion of the work, the premises shall be left clean.

The CONTRACTOR shall keep the streets clean. Trucks hauling excavated material, cement, sand, stone or other loose materials from or to the site shall be tight so that no spillage will occur on adjacent streets. Before trucks start away from the site, their

loads shall be trimmed and covered. If, in the judgment of the OWNER, adequate cleanup efforts are not being expended, including but not limited to, roadway, driveway and drainage maintenance, and removal of surplus materials, further construction shall be halted and work forces directed to the cleanup activity until proper order is restored. Should the CONTRACTOR continue to be negligent of his duties in maintaining proper street cleanliness, the OWNER will take necessary steps to perform such cleaning and shall charge the CONTRACTOR for all the costs.

#### 16. DUST CONTROL

All haul roads, detour roads, temporary access roads, other public or private roads, driveways and parking lots used by the CONTRACTOR must be maintained in a dust free condition for the duration of the Contract. The control of the dust shall be accomplished by application of dust control materials and methods of application as approved and as directed by the ENGINEER. Such dust control materials shall be applied as often as is necessary to control dust. Neglect of dust control will not be tolerated.

Should the CONTRACTOR be negligent of his duties in providing dust control, the OWNER may, with or without notice cause the same to be done and deduct the cost of such work from any monies due or to become due the CONTRACTOR under the Contract. Cost of providing dust control shall be considered incidental to the project.

#### 17. WORKING SPACE & USE OF STREETS OR PRIVATE PROPERTY

The CONTRACTOR's operations in public streets or alleys shall be confined to as small a space as practicable, so as not to cause undue inconvenience to the public or abutting properties, and shall be subject to the approval of the ENGINEER.

Where the CONTRACTOR wishes to work on or stockpile materials on nearby properties, it will be his responsibility to contact the property owner for permission. Upon request, the CONTRACTOR shall provide a copy of written permission from any affected property owner. The OWNER will not become involved with any such agreements and will not be held responsible for any damages that the CONTRACTOR may cause to private property. The CONTRACTOR shall not be compensated for restoration of private properties and stockpile areas unless said areas were within the original project limits.

#### 18. EASEMENTS

Prior to the start of construction, the CONTRACTOR shall verify with the OWNER that any required easements have been obtained.

The CONTRACTOR shall keep his work operations within these easements and shall be responsible for complying with any easement conditions that are shown on the plans or stated in the Contract documents.

#### 19. POWER & LIGHT

The CONTRACTOR shall furnish, at his own expense, all the electric power and lighting necessary during the life of this Contract or until such time as the OWNER takes over the work. The CONTRACTOR shall be responsible for complying with any applicable ordinances or regulations concerning power and light.

#### 20. WATER

Unless otherwise allowed by the OWNER, the CONTRACTOR shall furnish, at his own expense, all the water necessary during the life of this Contract or until such time as the OWNER takes over the work.

The CONTRACTOR shall not make a connection to any public water main or fire

hydrant without first obtaining the necessary permit and/or meter from the OWNER.

Existing public water systems shall be operated and controlled by the OWNER. All valves shall be operated exclusively by the OWNER's personnel.

The CONTRACTOR shall not make any connection to or obtain water from a private water source without obtaining written permission from the owner of the water source. The CONTRACTOR shall provide a copy of the written permission to the OWNER upon request.

#### 21. WEATHER PROTECTION & HEATING

The CONTRACTOR shall provide and maintain weather protection and heating at his own expense to properly protect the work under construction from damage if weather conditions require. This work shall include all windbreaks, insulating cover, and other necessary measures required to provide protection from freezing.

The CONTRACTOR shall continue to provide weather protection and heating as necessary until such time as the OWNER takes over the work.

#### 22. RAILROAD CROSSING

Where the work crosses a railroad right-of way, the CONTRACTOR shall secure Railroad Company approval of his methods and schedule of operation. The CONTRACTOR shall carry out his work in strict accordance with the standards of the Railroad Company. The CONTRACTOR shall pay any inspection, signal or flagman costs.

#### 23. OWNERSHIP OF SALVAGED MATERIALS

All salvageable materials such as castings, hydrants, valves, culverts and similar items removed during construction shall remain

the property of the OWNER. The CONTRACTOR shall deliver these salvaged materials to the OWNER's public works facility. If the OWNER indicates that he does not want the salvaged items, then the CONTRACTOR shall be responsible for disposal of the items.

*End of Section*

## EARTHWORK

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#### GENERAL

##### 1. SCOPE OF WORK

This work shall be subject to the General Conditions and the General Specifications. The work shall include furnishing of labor,

materials, tools, equipment, accessories and services necessary for completing the excavation and backfilling for the items as shown on the contract drawings and/or as herein required. This also includes trenching, trench or subgrade undercutting, roadway earthwork, complete and continual drainage of excavation, sheet piling, bracing and shoring of sides of the excavation, backfilling around structures and over pipelines, and the disposal of excess excavated material.

##### 2. MDOT

References to Michigan Department of Transportation (MDOT) Specifications shall pertain to the 2012 Standard Specifications for Construction.

#### MATERIALS

##### 3. BEDDING

- A. Sand shall be a sharp, clean sand free of lumps of clay or debris with 100 percent passing a 3/8-inch sieve and less than 10 percent loss by wash.
- B. Granular material shall meet the requirements of Section 902.07 of the MDOT Standard Specifications for Construction for Granular Material Class II and Class III.
- C. Pea gravel shall be unwashed and shall be from 1/4-inch to 5/8-inch in size.
- D. Bedding material shall be provided from offsite unless the trench passes through a well-defined strata of sand or gravel. Bedding material shall be subject to the approval of the ENGINEER.
- E. Stone material shall meet the requirements of Section 902.03 of the MDOT Standard Specifications for

Construction for 6A crushed Coarse Aggregate or approved equal.

#### 4. BACKFILL

##### A. Job Excavated Backfill

Job excavated backfill shall be defined as material excavated from the site that is free from frozen earth, boulders, rocks, stones larger than 3-inch in size, debris, blue and gray clay, and organic material.

##### B. Granular Backfill

Granular backfill shall be defined as sharp sand, gravel, or crushed stone that is free from lumps of clay and soft or flaky material and shall conform to the latest MDOT Specification for Granular Material Class II or III. Granular backfill shall be used for fill work located under or within the influence of roadway surfaces. The Owner's standard details shall dictate which type of granular material (class II or III) is required for the project.

Material excavated from the trench may be used as granular backfill when, in the opinion of the ENGINEER, it meets the granular backfill grading requirements.

#### 5. STONE REFILL

Stone refill shall consist of natural gravel, slag, or crushed gravel that is equivalent in gradation to MDOT 6A unless otherwise called for in the plan details.

#### 6. EMBANKMENT

Embankment material shall consist of sound earth as described in Section 205.03H of the MDOT Standard Specifications for Construction.

### CONSTRUCTION

#### 7. CLEARING

Prior to the start of construction, the CONTRACTOR shall verify the limits of trees and other items that are to be saved. The CONTRACTOR shall then clear the site or trench excavation area of all remaining trees, brush, and other miscellaneous items that are not to be saved.

#### 8. TREE REMOVAL

Where called for on the plans, the CONTRACTOR shall remove trees, including stump and main roots, and dispose of all associated foliage and debris offsite. Trees less than six (6) inch diameter shall be removed where required by the Work as incidental to the Contract. The CONTRACTOR shall abide by any easement agreements regarding the tree removal work and wood ownership.

#### 9. STUMP REMOVAL

Where called for on the plans, the CONTRACTOR shall remove existing stumps, including main roots (two (2) inch diameter and larger), dispose of all associated debris offsite, and backfill the void with suitable material.

#### 10. PAVEMENT CUTS

Where a trench must be cut through pavement, driveway, or sidewalk, particular care shall be taken to avoid unnecessary damage to adjoining areas of the pavement, driveway or sidewalk. All cuts through existing surfaces shall be made full-depth with a concrete saw. Cuts in concrete pavement shall be made parallel with longitudinal and transverse construction or contraction joints.

Saw cuts in concrete pavement shall not be nearer than five feet (5'-0") to a transverse joint, to the centerline of pavement, or to the edge of pavement or curb, i.e., no existing or replacement pavement shall be less than five feet (5'-0") in width. If the damaged pavement or surfacing is nearer than five feet (5'-0") to a joint or centerline of

pavement, or to edge of pavement, surfacing or curb, removal and replacement shall be extended to said joint, centerline, edge of pavement, surfacing, or curb. These same requirements shall apply to the saw cutting and replacement of concrete driveways.

If a square or block of sidewalk is cut, broken, or cracked, the entire square or block shall be removed and replaced.

#### 11. CLASSIFICATION OF EXCAVATION

Earth, as a name for excavated material, shall include all glacial deposits whether cemented or not, except solid boulders one-half cubic yard or more in volume. It shall also include all alluvial deposits and material of every kind that can be excavated with equal facility by the equipment and means typically used for earth excavation.

Peat, as a name for excavated material, shall include all unstable organic soils such as peat, muck, marl, and underlying very soft clay.

Rock, as a name for excavated material, shall include pre-glacial solid ledge rock that can be removed most practically by blasting, barring or wedging, or by some other standard method of quarrying solid rock. It shall also include solid boulders of one-half cubic yard or more in volume as well as existing concrete, masonry with mortar joints, or other existing structural work that can be excavated practically only by methods of quarrying solid rock. It shall not include fragile, friable, or disintegrated materials of any kind that can be excavated by equipment and means used for earth excavation.

#### 12. ROADWAY EARTHWORK

Roadway earthwork shall be performed in accordance with the construction methods that are described in Section 205 of the MDOT Standard Specifications for Construction unless otherwise called for in

the plan notes, details, or supplemental specifications.

#### 13. METHODS OF EXCAVATION IN EARTH

All excavation shall be by open cut from the surface, except in special cases where boring/jacking under pavement or structures may be required, or where boring/jacking under the root system will be required for tree root protection. All excavation shall be made in such a manner and to such depth, length, and width as will give ample room for building the structures, bracing, sheeting and supporting the sides of the excavation, pumping and drainage of ground water and sewage which may be encountered, and removal of all materials excavated. Special care shall be taken so that the soil below the bottom of structures to be built shall be left undisturbed so that a firm bed will be provided for construction. Any voids shall be backfilled with suitable granular material and shall be properly compacted.

#### 14. TRENCH EXCAVATION

##### A. General

Excavation shall be of sufficient width and depth to provide adequate room for construction and installation of the work to the lines, grades and dimensions called for on the plans. Unless otherwise called for on the OWNER's standard details, the width of a trench from the invert to a height twelve (12) inches above the top of the pipe barrel shall be indicated as follows:

| Pipe Size       | Maximum<br>Trench Width |
|-----------------|-------------------------|
| 4" through 12"  | 30"                     |
| Larger than 12" | O.D. + 24"              |

If the maximum trench width as specified above is exceeded, unless otherwise shown on the drawings, the CONTRACTOR shall install, at his own expense, such concrete

cradling or other bedding as is approved by the ENGINEER, to support the added load of the backfill.

Where trench excavation is in granular material, the last six (6) inches of trench depth shall be carefully excavated and trimmed by hand to the exact elevation and contour of pipe. Where trench excavation is in rock or clay soil, the trench bottom shall be undercut a minimum of four (4) inches below the final elevation of pipe. The bedding material as hereinafter specified shall be placed and compacted to the underside of the pipe.

Excavation for structures shall be made to the outside lines and surfaces of such structures wherever it is practicable to build directly against the sides and bottoms of excavations. In such cases, care shall be taken not to disturb the original foundation or backing. Final trimming shall be done by hand just before construction of the structure. If excess excavation is made, or the material becomes disturbed so as to require removal beyond the prescribed limits, the resulting space shall be refilled with bedding, as specified hereinafter, and solidly machine tamped into place to 95 percent of maximum unit weight before the construction work proceeds.

Excavation for structures shall be extended sufficiently beyond the limits of the structure to provide ample room for form construction and other construction methods to be followed, wherever necessary.

#### B. Bedding

Where the subgrade below the bottom of the pipe is disturbed during the construction, the space shall be refilled with sand or pea gravel bedding material solidly tamped to form a firm foundation for the pipe. Sand or pea gravel bedding material shall be extended to one (1) foot above the pipe, except that the bedding shall be exclusively pea gravel to the springline for pipe 36-inch and greater in diameter.

#### C. Amount of Trench Opening

Not more than 50 feet of trench shall be open at one time in advance of the pipe unless permitted by the ENGINEER. The length of street that may be occupied by the construction work at any one time shall be subject to the direction of the ENGINEER and will be based on requirements of the use of the street by the public. No more than 600 consecutive feet of street length shall be occupied at one time, and vehicle traffic through the street shall not be entirely stopped without permission of the ENGINEER.

After placement of the utility line, the Contractor shall backfill the trench promptly in order to minimize the length of open trench and avoid any unsafe conditions.

#### 15. TRANSPORT OF NATIVE MATERIALS OFFSITE

If the Contractor encounters good materials (sand, gravel, topsoil, etc.) during the course of construction, he shall not be allowed to transport these materials offsite without the written approval of the Engineer. Wherever possible, suitable native sands and gravels shall be used as backfill rather than transporting them offsite and replacing them with non-native materials of a lesser quality.

#### 16. STONE REFILL FOR TRENCH UNDERCUT

In locations where soil at the bottom of trench is unstable, the CONTRACTOR shall excavate (undercut) below the trench bottom and place stone refill as called for in the Materials Section of this specification.

#### 17. EXCAVATION & TRENCH DEWATERING

The CONTRACTOR shall maintain any excavation or trench free of water during construction of any structures and/or pipelines. Water accumulated due to rainfall or runoff and minor groundwater inflow that

can be controlled through the use of portable trash, submersible or positive displacement pumps shall be considered normally expected and anticipated conditions associated with underground construction. This effort will be considered incidental to the cost of construction and will not be reimbursable at the unit price bid for dewatering in the proposal.

The required use of deep wells and/or well points to lower and maintain a reduction in the groundwater elevation below the trench bottom shall be subject to approval of the ENGINEER and shall constitute a reimbursable expense for trench or excavation dewatering. If a pay item for dewatering is included in the Bid Form, then the CONTRACTOR would receive payment for this work based upon the unit bid price. If there are no provisions in the contract for payment for dewatering (i.e. bid item or incidental to other pay items), then the CONTRACTOR shall submit a detailed estimate of the additional cost. Upon acceptance of the CONTRACTOR's estimate, the ENGINEER shall issue a change order. The CONTRACTOR must demonstrate that a continuous effort is required to control hydrostatic pressure in the construction area in order to claim compensation for dewatering.

The CONTRACTOR shall take adequate precautions to control the discharge of dewatering pumps so as to prevent soil erosion or sedimentation of drainage ditches, structures, storm sewers, culverts, natural drainage courses, ponds, lakes or wetlands.

The CONTRACTOR shall insure that discharge from any dewatering operations has a suitable outlet and that it will not cause any damage to adjacent dwellings or property. Water and discharge hoses shall be placed and/or controlled so as to prevent a hazard to pedestrians or motor vehicles passing in the vicinity of the construction site.

Electric pumps shall have suitable power supply appurtenances meeting NEC requirements and properly fused and grounded to prevent electrical shock hazards to on-site personnel.

Internal combustion engine driven pumps, if operated 24 hours per day, shall have adequate exhaust silencers in good repair to muffle engine noise to an acceptable level for the area where located.

#### 18. DIVERTING EXISTING SEWERS

Where existing sewers or drains are encountered in the Work, adequate provision shall be made for diverting flow in the existing sewers so that the excavation will be kept dry during the progress of the construction work. Upon completion of the construction work, the existing sewers shall be restored or otherwise provided with an adequate outlet as directed by the ENGINEER.

#### 19. SHEETING, BRACING & SHORING

Where required to properly support the surfaces of excavations to protect the construction work, adjacent work or workers, sheeting, bracing and shoring shall be provided. If the ENGINEER is of the opinion that at any point sufficient or proper supports have not been provided, he may order such additional supports at the expense of the CONTRACTOR, but neither the placing of such additional supports by the order of the ENGINEER nor failure of the ENGINEER to order such additional supports placed shall release the CONTRACTOR from his responsibility for the sufficiency of such supports and the integrity of the Work. In removing the sheeting and bracing after the construction has been completed, special care shall be taken to prevent any caving of the sides of the excavation and injury to the completed work or to the adjacent property.

#### 20. SHEETING LEFT IN PLACE

Sheeting, bracing and shoring shall not be left in place after completion of the work except as required by the ENGINEER. Where sheeting, bracing, and shoring must be left in place in order to protect the work, adjacent structures, or property, it shall be cut off or left not less than two (2) feet below the established surface grade. If sheeting, shoring or bracing must be left in place, then it shall be paid for at the contract unit bid price that is shown on the Bid Form. If a pay item was not included on the Bid Form, then a work order shall be negotiated.

## 21. CROSSING EXISTING STRUCTURES/PIPES

During construction, it may be necessary to cross under certain sewers, drains, culverts, water lines, gas lines, electric conduits and other underground structures. Every effort shall be made to prevent damage to such structures. Wherever such structures are disturbed or broken, they shall be restored to good condition. Specified granular backfill shall be placed as described in Section 23, Backfilling. MDOT Grade S3 concrete shall be utilized where directed by the ENGINEER at no additional cost to the project. Either granular backfill or concrete shall be brought to the spring line of the higher utility.

## 22. TUNNELING TREES

Trees eight (8) inches in diameter or less will require a minimum tunnel length of eight (8) feet. Trees over eight (8) inches in diameter, measured four (4) feet above the ground surface, will require a minimum tunnel length equal to one foot for each inch of tree diameter.

Trees shall be tunneled whenever any portion of an excavation approaches within a distance equal to one-half the required tunnel length except as otherwise noted on the plans.

Tunneling under trees may be accomplished by one of the following methods:

- a. Boring and jacking casing pipe along with placement of a carrier pipe.
- b. Boring and jacking sewer pipe or water main without a casing pipe.
- c. Jacking sewer pipe or water main without boring and without a casing pipe.

Plan notes or existing field conditions shall indicate which method may be used for the tree tunneling work.

## 23. BACKFILLING

### A. General

Backfilling shall include all work required as hereinafter specified. The placement of various pipe, including bedding and building of structures, shall be completed prior to backfilling.

Where called for on the plans, the CONTRACTOR shall backfill trenches and/or other excavations with suitable excavated material (not including gray or blue clay) replaced into the trench or excavation and compacted to not less than 95 percent of maximum unit weight as determined at existing moisture content during backfilling. Compaction shall be provided by means of suitable mechanical compaction equipment.

If the moisture content of cohesive backfill material exceeds the optimum moisture content for maximum density by more than three percent (3%), the CONTRACTOR shall dry the material to meet the foregoing moisture content limitation or provide, at his own expense, MDOT Granular Material Class III. No sloppy or wet backfill will be allowed.

Maximum unit weight will be determined by current methods of Test for Compaction and Density of Soil, AASHTO Designation T-180 or by the Cone Density Method

developed by MDOT, as the material may require.

The ENGINEER shall make compaction tests at all locations requiring granular backfill.

Any depression resulting from settlement of any backfill prior to the date of final payment for all work under this contract shall be brought to the proper grade and surface and made to match the adjacent surface.

#### B. Materials

Bedding, excavated backfill, and granular backfill shall conform to the requirements that were previously described in Parts 3 and 4 of this specification.

#### C. Compaction

Backfill material shall be placed in layers not to exceed 12 inches in thickness unless the contractor can demonstrate to the satisfaction of the Engineer that he can consistently attain the specified density on thicker lifts.

Specified compaction shall be obtained with the use of a bulldozer, sheepsfoot roller, mechanical tamper or other similar and effective equipment. Specified compaction means not less than 95 percent (not average 95 percent) of maximum unit weight when tested in accordance with current MDOT Specifications.

If excavated material is not suitable to obtain 95 percent minimum compaction, the CONTRACTOR shall, at his expense, remove unsuitable materials or add granular materials, or both, to obtain ninety-five percent (95%) minimum compaction as specified.

Compaction tests will be made by a representative of the OWNER and paid for by the OWNER, unless otherwise specified in the Contract Documents.

#### D. Backfilling Trenches

##### Bedding

The type of bedding required is shown on the detail drawings.

Bedding shall be worked under the haunches of the pipe to provide firm continuous support.

Bedding placed on the sides of and above the pipe shall be compacted by machine tamping to not less than ninety-five percent (95%) of maximum unit weight in layers not exceeding 12 inches in depth.

##### Trench or Excavated Area

All trenches in paved streets, shoulders, traveled roadways, parking areas and driveways shall be backfilled with suitable excavated backfill or granular backfill, as shown on the drawings from one (1) foot above top of pipe up to the required subgrade elevation which will allow for placement of the required gravel base and/or pavement surface. The approved excavated backfill or granular backfill shall be placed and thoroughly and uniformly compacted by machine tamping to the specified compaction. With the approval of the ENGINEER, water jetting may be accepted in lieu of tamping for granular backfill only.

Specified compaction shall be required of the entire trench when the edge of trench is within three (3) feet of edge of pavement. On road crossings, specified compaction shall extend ten (10) feet beyond the edge of pavement for paved roadways with gravel shoulders or shall extend three (3) feet beyond the back of curb for roadways with curb.

Trenches under concrete sidewalks and bike paths shall be backfilled from one foot above top of pipe to a level four (4) inches below finished grade of the sidewalk with approved suitable excavated backfill or

granular backfill and compacted to ninety-five percent (95%) maximum density.

Trenches not in paved streets, shoulders, traveled roadways, parking areas, driveways or under sidewalks, shall be backfilled from one (1) foot above the top of the pipe up to the ground surface (except as noted under the Restoration Specification) with suitable excavated backfill and shall require compaction equal to adjacent undisturbed earth.

Wherever gas mains, water mains, sewers, or other utilities are located in the trench area, granular backfill shall be used for backfill from bottom of the trench up to the springline of the pipes. Granular backfill shall be placed across the full trench width and extend far enough either side of the existing pipe to allow specified compaction so as to thoroughly support the pipe within the trench area.

#### E. Backfilling Around Structures

As soon as practicable after concrete structures have set, forms and debris shall be removed and the surface of the concrete pointed. After the structure has been checked and approved, the excavated area around the structure shall be backfilled up to specified subgrade with granular material or suitable excavated material as called for on the drawings for the adjacent trench. The fill shall be thoroughly compacted by machine tamping. No large boulders or masonry shall be placed in backfill. No backfill will be placed against manhole walls within 48 hours after the plaster coat has been applied to the outside of the walls nor shall backfill be placed about concrete structures until concrete has attained at least 75 percent of its design strength and approval of the ENGINEER has been obtained.

#### 24. PLACING AND COMPACTING EMBANKMENT

Embankment material for fill work shall be placed and compacted in accordance with

Section 2.05.03H of the MDOT Standard Specification for Construction.

#### 25. DISPOSAL OF EXCAVATED MATERIAL

After all suitable excavated material has been used on site, the CONTRACTOR shall be responsible for properly removing and disposing of the excess.

The CONTRACTOR shall also be responsible for disposing of all other excavated materials that are unsuitable for use as fill or backfill. Unsuitable materials may include, but are not limited to, broken concrete, asphalt, rock, stone, and other related debris. The CONTRACTOR shall be required to obtain his own disposal areas and permits and shall receive no additional compensation for this disposal work.

Surplus or unsuitable material shall not be disposed of either temporarily or permanently beyond the plan grading limit line or across any wetland or flood plain unless the plans provide for such placement.

Any agreements that the CONTRACTOR makes with local residents concerning the placement of fill on private property shall be the sole responsibility of the CONTRACTOR. The OWNER will not become involved with any such agreements and will not be liable for damages that the CONTRACTOR may cause to private property.

Placement of fill on private property may require that the resident or CONTRACTOR obtain a grading permit or fill permit from the OWNER.

#### 26. FINAL CLEANUP & GRADING

Upon completion of the construction, and before final payment is made, the CONTRACTOR shall restore his working area to as clean a condition as existed before his operations were started. He shall go over the entire line and refill any place that may

have settled. He shall then re-grade and put in shape all backfilled trenches, all fills he may have made from excess excavated materials, and all other areas that may have been disturbed through all operations.

#### 27. CONTRACTOR SAFETY REQUIREMENTS

The excavation and trenching operations shall be conducted by the CONTRACTOR in a manner that will provide safe working conditions for all persons on the site who may be affected by the Work. The CONTRACTOR shall also conduct his operations in a manner that will protect adjacent property from damage.

Trench sides shall be either cut back to the slope as necessitated by soil and ground water conditions which will provide stable sides, or supporting systems shall be installed that are capable of restraining the earth sides from movement. A qualified employee of the CONTRACTOR shall design the trench supporting systems.

The CONTRACTOR shall employ, at all times at the site of the work, a qualified person who will be responsible for the safety of both the work and workmen, and who will make all the decisions relevant to the stability of trenches, the adequacy of any and all protective devices, proper operation of equipment, and all other matters related to safety.

The CONTRACTOR shall not store, along and adjacent to the trench, excavated material, heavy equipment, backfill materials, sewer pipe, or other construction materials which may impose too great a load on the earth and cause displacement or caving of the earth. The CONTRACTOR shall, at all times, provide a safe means of emergency exit from all trench excavations.

*End of Section*

## RESTORATION

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#### GENERAL

##### 1. SCOPE OF WORK

This work shall be subject to conditions of the General Conditions, General Specifications and include the furnishing of labor, materials, tools, accessories, equipment and services necessary for restoration of the surfaces shown on the Contract drawings and/or as herein required.

This work shall include replacement of all permanent type roadway surfaces, concrete sidewalks, curb and gutters, driveways, trees, culverts, fences, ditches, and miscellaneous items damaged or removed due to construction. Disposal of excess or unsuitable materials shall be considered as part of the restoration work. All such work shall be in accordance with the best modern practice, the OWNER's standards, and as specified herein.

Prior to performing work under this section, the CONTRACTOR shall submit to the ENGINEER for approval his construction methods and design mixes, sieve analysis and/or certification of compliance with the 2012 Michigan Department of Transportation (MDOT) Standard Specifications for Construction except where otherwise noted. No permanent surface restoration shall be performed until all underground work has been approved.

In the event that these specifications conflict with those of the OWNER or the controlling agency, the more stringent requirements shall govern.

##### 2. SHOP DRAWINGS

When required by the ENGINEER, shop drawings shall be furnished as prescribed under the General Conditions.

Before the CONTRACTOR orders any restoration materials that he is proposing to use as substitutes for specified items, he shall submit details of the substitutes to the ENGINEER for consideration and approval.

##### 3. MDOT STANDARDS

References to the Michigan Department of Transportation (MDOT) Specifications shall pertain to the 2012 Standard Specifications for Construction.

## **MATERIALS**

### **4. AGGREGATE**

#### **a. Gravel Approaches and Roads**

Natural aggregate shall be used for gravel approach (driveways) and road restoration and shall meet the requirements of MDOT 21AA or 22A as shown in Table 902-1 of the MDOT Standard Specifications for Construction.

#### **b. Shoulders**

Natural aggregate shall be used for shoulders and shall meet the requirements of MDOT 21AA, 22A, or 23A as shown in Table 902-1 of the MDOT Standard Specifications for Construction.

#### **c. Base Course**

Natural aggregate shall be used for base course construction and shall meet the requirements of MDOT 21A, 21AA, or 22A as shown in Tables 902-1 and 902-2 of the MDOT Standard Specifications for Construction.

### **5. HOT MIX ASPHALT SURFACE, LEVELING, & BASE COURSES**

Hot mix asphalt materials used for pavement construction shall meet the requirements of section 501.02 of the MDOT Standard Specifications for Construction or the requirements of the controlling agency as called for on the construction plans.

### **6. CONCRETE PAVEMENT, SIDEWALKS, CURB & GUTTER**

Concrete used for pavement, sidewalk, and curb and gutter construction shall meet the requirements of MDOT grade P1 concrete or the requirements of the controlling agency as called for on the construction plans. MDOT grade P-NC may also be used where circumstances require the use of a

high-early strength concrete. Refer to Table 601-2 of the MDOT Standard Specifications for Construction.

### **7. TOPSOIL**

Topsoil shall be screened and shall consist of loose black-colored soil that is suitable for the growth of grass seed or sod. The topsoil shall be obtained from the upper layer of an existing fertile soil and be free of limbs, twigs, rocks, stones, muck, roots and debris, etc. and containing organic matter rich in nutrients with negligible clay content.

Topsoil shall meet the following requirements:

- a. The pH range shall be from 6.0 to 7.5. Topsoil outside of this range shall be amended by the addition of pH adjusters as approved by the Engineer.
- b. The organic matter content shall range between 2% and 6% (by dry sample weight).
- c. The soil texture shall be a sandy loam, silt loam, or loam where the sand, silt, and clay contents (by dry sample weight) fall within the following ranges:

|           |            |
|-----------|------------|
| Sand..... | 40% to 65% |
| Silt..... | 25% to 60% |
| Clay..... | 5% to 15%  |

- d. The gradation shall be as follows:

| <b>Sieve Designation</b>  | <b>% Passing</b> |
|---------------------------|------------------|
| 1 inch screen             | 100              |
| 0.25 inch screen          | 97 - 100         |
| No. 10 U.S.S. mesh sieve  | 95 - 100         |
| No. 140 U.S.S. mesh sieve | 15 - 35          |

- e. The soil salinity as measured by the electrical conductivity of a saturated soil

sample shall not exceed 2dS/m (decisiemens/meter).

- f. Topsoil samples may be taken from stockpiles by the ENGINEER for submission to a testing laboratory. Topsoil that does not meet the required specifications shall be removed from the project site by the CONTRACTOR and shall be replaced with suitable topsoil that meets the testing requirements.

#### 8. SEED & FERTILIZER

Seed and fertilizer shall meet the following requirements:

Table R-1

| Location                           | Seeding* Requirement                                                                                              | Fertilizer Requirement      |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Maintained Lawn Areas              | MDOT Type THM Mix (20% Perennial Rye, 30% Kentucky Blue, 50% Red Fescue) applied at 220 lbs./acre                 | MDOT Class A, 228 lbs./acre |
| Fields, Slopes & Ditch Banks, Etc. | MDOT Type THV Mix (30% Perennial Rye, 15% Kentucky Blue, 45% Red Fescue, 10% Fults Salt) applied at 220 lbs./acre | MDOT Class B, 120 lbs./acre |

\* percent mixture proportions by weight

All grass seeding shall meet the requirements for purity and germination as called for in the MDOT Standard Specifications for Construction Table 917-1 for Seed Mixtures. Seed shall be delivered in durable containers which show the

manufacturer's name, lot number, weight, contents, purity, and germination. Although Table R-1 lists only two typical seeding mixtures, other seeding mixtures shown in MDOT Tables 816-1 and 917-1 may be used where approved by the Engineer.

#### 9. MULCH & MULCH BLANKETS

Mulch and mulch blankets shall meet the following requirements:

- a. Loose Mulch. Mulching material shall consist of any straw or marsh hay in an air-dry condition. Hay in an air-dried condition will be permitted only when straw mulch or marsh hay is unavailable. Mulch materials shall be undamaged, rot free, clean, substantially free of weed seed and other objectionable foreign matter.
- b. Mulch Blankets (for moderate runoff condition). Mulch Blankets shall be one of the following or an approved equal:
  - S1 Erosion Control Blanket – BonTerra America
  - Contech ERO-MAT - Contech Construction Products
  - Erosion Control Blanket DS-75 – North American Green
- c. High Velocity Mulch Blankets (for medium to heavy runoff condition). High velocity mulch blankets shall be one of the following or an approved equal:
  - S2 Erosion Control Blanket – BonTerra America
  - Contech High Velocity ERO-MAT – Contech Construction Products
  - ECS High Impact Excelsior Blanket – Erosion Control Systems, Inc.

ECS High Velocity Straw Mat –  
Erosion Control Systems, Inc.

Erosion Control Blanket DS-150 –  
North American Green

#### 10. SOD

Sod shall meet the requirements of Section 917.13 of MDOT Standard Specifications for Construction. The Contractor shall keep the sod watered until a vigorous growth is established.

Sod must be an upland mineral soil sod. Sod must be grown on loam soils. Sod grown on peat is not acceptable for use.

#### 11. FENCING

Chain link and woven wire fence materials shall meet the requirements of Section 907 of MDOT Standard Specifications for Construction. Chain link fabric shall be as called for on the construction drawings (aluminum-coated, zinc-coated, or vinyl-coated). Fences made of other materials (wood board, split rail, iron, etc.) shall be replaced in kind or as called for on the construction drawings. In this case, fence materials and construction methods shall meet the applicable standards of ASTM.

#### 12. TREES & SHRUBS

Trees and shrubs shall be quality, nursery-grown stock with adequate root growth (balled and burlapped). Nursery stock shall meet the standards of the current edition of the American Standard for Nursery Stock as published by the American Association of Nurserymen, as well as the standards of Section 917 of the MDOT Standard Specifications for Construction.

#### 13. TIMBER POSTS

Timber used for fence, guide, guard and mailbox posts shall meet the requirements of Section 912.08 of the MDOT Standard Specifications for Construction.

#### 14. TRAFFIC SIGNS & POSTS

Traffic and street signs that are removed or damaged shall be replaced in kind. The materials used for such sign and post replacements shall meet the applicable standards of Section 919 of the MDOT Standard Specifications for Construction.

#### 15. PAVEMENT STRIPING

Pavement striping materials shall meet the requirements shown in Section 920 of the MDOT Standard Specifications for Construction.

### CONSTRUCTION

#### 16. PAVEMENT RESTORATION

The aggregate and pavement thicknesses shown in the following sections are intended to be a guideline for minimum thicknesses. Thicker sections may be required depending upon the requirements of the OWNER or the controlling agency. All pavements shall be restored to the elevation and section that existed prior to construction.

##### a. Gravel Shoulders and Approaches

Gravel shoulders and approaches shall be constructed as described in Section 307.03 of the MDOT Standard Specifications for Construction.

Gravel shoulder restoration shall consist of placement and compaction of MDOT 21AA limestone or MDOT 22A gravel on a suitable subgrade to form a minimum six (6) inch thick section. The 21AA limestone or 22A gravel shall be compacted to a minimum density of ninety-eight (98) percent of the maximum unit weight. The restored shoulder width shall match the existing width.

Restoration of gravel approaches shall consist of placement and compaction of MDOT 21AA limestone or MDOT 22A gravel on a suitable subgrade as called for

on the plans to form a minimum six (6) inch thick section. The 21AA limestone or 22A gravel shall be compacted to a minimum density of ninety-eight (98) percent unit of the maximum unit weight. The restored approach width shall match the existing width.

b. Gravel Roads

Restoration of gravel roads shall consist of placement and compaction of MDOT 21AA limestone, MDOT 22A gravel, or MDOT 23A gravel as called for in the plan details to form a minimum eight (8) inch thick section. The restored road width shall match the existing road width. Gravel roads shall be constructed as described in Section 306.03 of the MDOT Standard Specifications for Construction.

c. Aggregate Base Courses

Aggregate base courses shall be placed and compacted to the thickness and width as called for on the plan details and as described in Section 302.03 of the MDOT Standard Specifications for Construction. Unless otherwise indicated in the Supplemental Specifications, aggregate base courses shall be compacted to a minimum density of ninety-eight (98) percent of the maximum unit weight.

d. Sawcutting

All pavement, curb and gutter, and sidewalk removals shall be accomplished by sawcutting with a power-driven concrete saw. Sawcutting shall be full depth for all pavements (concrete, bituminous, concrete with bituminous overlay).

In bituminous pavement, sawcut lines shall be parallel with or perpendicular to the direction of vehicle travel.

In concrete pavement, sawcut lines shall be cut parallel with pavement joints. Sawcuts shall not be nearer than five (5) feet to a transverse joint, to the center of pavement,

or to the edge of pavement such that no existing or replacement pavement section shall be less than five (5) feet in width. If the proposed sawcut is nearer than five (5) feet to a joint or centerline of a pavement, then removal and replacement shall be extended to said joint or centerline.

If an integral concrete curb is to be removed, then the minimum removal width shall be eighteen (18) inches.

e. Hot Mix Asphalt (HMA) Pavement

Hot mix asphalt pavements shall be constructed in accordance with the plan details and Section 501 of the MDOT Standard Specifications for Construction. Where new asphalt pavement is to adjoin existing asphalt pavement, a two (2) foot wide butt joint shall be constructed. A bond coat shall be applied to the existing pavement surface. Unless otherwise called for in the plan details, the following sections shall apply as a minimum:

|                        |                                                                      |
|------------------------|----------------------------------------------------------------------|
| Bike paths:            | 3" HMA over 4" 21AA aggregate base (with soil sterilant application) |
| Residential driveways: | 3" HMA over 6" 21AA aggregate base                                   |
| Commercial driveways:  | 4" HMA over 8" 21AA aggregate base; or 8" asphalt                    |
| Residential streets:   | 4" HMA over 8" 21AA aggregate base; or 8" asphalt                    |
| Collector road:        | 9" HMA over 6" 21AA aggregate base                                   |

The laboratory density of HMA pavement shall be determined by the Marshall Procedure ASTM D-1559 using 50 blows on each of the specimens as the compactive effort. One set of three (3) specimens shall be made on the first day of placement and on subsequent days as determined by the Engineer.

The measurement of field-compacted density shall be done with a nuclear gage. The percent of compaction obtained shall be determined by dividing the field-compacted density by the laboratory density and multiplying the result by 100. Unless otherwise indicated in the plan details or Supplemental Specifications, all HMA pavements shall be compacted to a minimum calculated density of 97%.

Density tests shall be taken on the completed pavement at a frequency of one test every 500 linear feet of paving lane, except for the last unit which will be 500 linear feet, plus any fractional unit less than 250 feet in length, or will be a fractional unit of 250 feet or more in length. Miscellaneous areas such as intersections, crossovers and widening lanes less than 250 feet long will be tested as directed by the Engineer.

#### f. Concrete Pavement

Concrete pavements shall be constructed in accordance with the plan details as well as Sections 602 and 801 of the MDOT Standard Specifications for Construction. Where new concrete pavement is to be anchored to old pavement, dowel bars and lane ties shall be installed in accordance with MDOT Standard Plans. Joints shall be installed in the new concrete pavement to match existing joint types and locations. Reinforcing steel shall be similar to that in the existing pavement and shall provide the same cross sectional area of reinforcement per foot as the existing pavement. Unless otherwise called for in the plan details, the following sections shall apply as a minimum:

|                        |                                              |
|------------------------|----------------------------------------------|
| Residential driveways: | 6" non-reinforced concrete over 4" sand base |
| Commercial driveways:  | 8" non-reinforced concrete over 4" sand base |
| Residential            | 8" non-reinforced concrete                   |

streets: over 6" sand base

Collector road: 9" non-reinforced concrete over 6" sand base

#### g. Concrete Sidewalk and Ramps

Concrete sidewalks and ramps shall be constructed in accordance with the plan details and Section 803 of the MDOT Standard Specifications for Construction. Unless otherwise called for in the plan details, the following sections shall apply as a minimum:

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Sidewalks:                                 | 4" concrete over 4" sand base |
| Sidewalks (at residential drive crossing): | 6" concrete over 4" sand base |
| Sidewalks (at commercial drive crossing):  | 8" concrete over 4" sand base |
| Sidewalk ramps:                            | 4" concrete over 4" sand base |

#### h. Concrete Curb and Gutter

Concrete curb and gutter shall be constructed in accordance with plan details and Section 802 of the MDOT Standard Specifications for Construction.

### 17. TURF ESTABLISHMENT

The CONTRACTOR shall furnish and place topsoil, seed, or sod, and fertilizer for all areas that were disturbed during construction. Seed and sod shall be installed in accordance with the seasonal limitations that are described in section 816.03 of the MDOT Standard Specifications for Construction unless directed otherwise by the Engineer.

#### a. Topsoil

Unless otherwise called for on the plans, a minimum of three (3) inches of topsoil shall be placed for areas that are to be restored with seeding or sodding. Topsoil shall be placed on a prepared earth bed in accordance with Section 816.03A of the MDOT Standard Specifications for Construction.

The existing earth bed shall be graded such that the placement of topsoil and sod will meet the final plan grades.

b. Seed

Seeding shall be sown in accordance with Section 816.03C of the MDOT Standard Specifications for Construction. The application rate for the seeding shall be as shown in the table in part 8 of the Materials Section.

c. Mulch and Mulch Blankets

Mulch and mulch blankets shall be placed over seeded areas as called for in Section 816.03E through H of the MDOT Standard Specifications for Construction. If mulch blankets must be secured to a slope, then biodegradable netting and biodegradable earth staples shall be used.

Mulch anchoring shall be considered as incidental to mulch placement unless a pay item for mulch anchoring has been included in the Bid Form.

d. Sod

Sod shall be placed in accordance with Section 816.03D of the MDOT Standard Specifications for Construction.

A sod cutter shall be used to establish a smooth vertical edge when new sod is to abut existing sod.

e. Fertilizer

Fertilizer shall be placed in accordance with Section 816.03B of the MDOT Standard Specifications for Construction. The

application rate for the fertilizer shall be as shown in table in Part 8 of the Materials Section.

f. Watering and Maintenance

It is the responsibility of the CONTRACTOR to regularly water new seed and sod in order to establish a dense lawn of permanent grasses that is free from mounds and depressions. Any portion of a sodded area that "browns-out" or does not firmly knit to the soil base, or any portion of a seeded area that fails to show a uniform germination, shall be resodded or reseeded. Such resodding or reseeding shall be at the CONTRACTOR's expense and shall continue until a dense lawn is established.

Watering seed and sod shall be considered as incidental to the turf establishment work unless a pay item for water has been included in the Bid Form.

18. FENCING

Prior to the start of any fence restoration work, the CONTRACTOR shall verify that the line and grade are correct.

a. Removing and Replacing Existing Fences

Fences shall be removed and replaced or shall be removed as indicated on the Plans or as directed by the ENGINEER. If any of the existing material is damaged or destroyed, the CONTRACTOR shall replace the material at his expense. Replacement fence material shall be of a condition comparable to that which existed prior to construction.

After the fence removal or relocation operations are complete, all surplus material shall be removed and disposed of by the CONTRACTOR at his expense unless otherwise called for on the Contract Documents.

Any holes or voids resulting from the fence post removal operation shall be backfilled

with a suitable material, as approved by the ENGINEER.

b. Placing New Fence

Woven wire and chain link fencing shall be installed in accordance with Sections 808.03A and D of the MDOT Standard Specifications for Construction. If called for on the plans, a top rail shall be used in place of tension wire for the chain link fence construction. Other fence types (timber, boulders, decorative rock, etc.) shall be constructed in accordance with plan details.

19. GUARDRAIL

Guardrail shall be placed in accordance with Section 807 of the MDOT Standard Specifications for Construction. Guardrail design shall be approved by the ENGINEER and shall conform to the current applicable standards of the agency that has jurisdiction of the right-of-way.

Any holes or voids resulting from the guardrail post removal operation shall be backfilled with a suitable material, approved by the ENGINEER.

20. TREE & SHRUB PLANTING

Trees and shrubs shall be planted in accordance with Section 815 of the MDOT Standard Specifications for Construction. Nursery stock shall conform to the standards shown in the American Standard for Nursery Stock (ANSI Z60.1-1996).

Watering and cultivating trees and shrubs during the establishment period shall be considered as incidental to the tree and shrub planting work unless a pay item for watering and cultivating has been included in the Bid Form.

21. MAILBOXES

Where mailbox post replacement is called for on the plans, new mailbox posts shall be

furnished and installed in accordance with Section 807 of the MDOT Standard Specifications for Construction and the plan details.

22. TRAFFIC SIGNS & POSTS

Placement of traffic signs and posts shall be done in accordance with the applicable Sections in 810 of the MDOT Standard Specification for Construction, the current edition of the Michigan Manual of Uniform Traffic Control Devices, and the plan details.

23. PERMANENT PAVEMENT STRIPING

Permanent pavement striping shall be placed in accordance with the plan details and Section 811 of the MDOT Standard Specifications for Construction.

24. DRAINAGE STRUCTURES,  
CULVERTS, & DITCHES

As part of restoration, the CONTRACTOR shall be responsible for cleaning out all drainage structures, culverts, and ditches that are located within the area of construction. All ditches shall be restored such that drainage will flow freely. The cost of this work shall be considered as incidental to the project.

25. PROGRESS OF FINAL  
RESTORATION

If in the judgement of the OWNER, adequate site restoration efforts are not being expended, including but not limited to, roadway, driveway and drainage maintenance, removal of surplus materials, restoration of all signs, mail boxes and like items, then the OWNER will take the necessary steps to perform such restoration and shall charge the CONTRACTOR for all of the costs until proper order is restored.

*End of Section*

## METHOD OF PAYMENT

|                                                     |   |
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| GENERAL.....                                        | 1 |
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| TRAFFIC MAINTENANCE AND CONTROL .....               | 3 |
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| REMOVE PAVEMENT.....                                | 3 |
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| CURB RAMP OPENING.....                              | 5 |
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| RELOCATE OR BRACE UTILITY POLES AND GUY WIRES ..... | 7 |
| WATER VALVE BOX ADJUSTMENT .....                    | 8 |
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### GENERAL

#### A. PRICES AND MEASUREMENT:

Payment for work under this contract will be based on a unit price or lump sum for work actually completed. Final measurements of the work will be taken by the Engineer to determine the amount of work done and thereby determine the total cost. The method of applying the unit prices to measured quantities will be as herein specified. Payment will include the cost of all labor, tools, materials, and equipment necessary to do the work.

Several items may have been included in the bid form but may not be called for on the plans. These items have been included in order to establish a unit price in the event that the item of work is necessary. The Contractor should be aware that these items may increase, decrease, or be zero based on field conditions, or Owner direction.

#### B. INCIDENTAL ITEMS:

Any items of work indicated as incidental or included shall be considered as part of the project work and shall be completed at no additional expense to the Owner. Incidental or included items shall include labor, materials, and equipment that may not be specifically listed in the Bid Form or in the drawings or specifications, but which are necessary to complete the work.

C. PERMITS:

Any permit fees, bonds, and/or permit agency inspection costs will be the responsibility of the Contractor and shall not result in additional cost to the Owner. A list of permits required for this project is shown in the Supplemental Instructions to Bidders section.

**MOBILIZATION**

(Bid Item 1)

The completed work as measured for MOBILIZATION will be paid for at the contract unit price for the following contract item (pay item):

| <u>Pay Item</u>       | <u>Pay Unit</u> |
|-----------------------|-----------------|
| Mobilization, Max. _% | lump sum        |

The lump sum price shall be payment in full for all preparatory work and operations which may include, but is not limited to, the following items:

1. The movement of personnel, equipment, supplies, and incidentals to the project site.
2. The establishment of the Contractor's offices, buildings, and other facilities to work on the project.
3. Other work and operations that must be performed.
4. Expenses incurred, prior to beginning work on the various contract items on the project site.
5. Pre-construction costs, exclusive of bidding costs, which are necessary direct costs to the project rather than directly attributable to other pay items under the contract.
6. Permits, bonds, etc.

The pay item will state the maximum amount that can be bid. When the percentage of the original contract amount earned is less than 5 percent, the costs of project specific bonding, insurances, and permits will be reimbursed when a paid invoice is received by the Engineer. The costs of these will then be made in accordance with the Partial Payment Schedule shown below. The original contract amount is the total value of all contract items including the mobilization item. The percentage earned is exclusive of the mobilization item. The total sum of all payments for this item shall not exceed the original contract amount bid for mobilization, regardless of the fact that the Contractor may have, for any reason, shut down his work on the project, moved equipment away from the project and then back again, or for additional quantities or items of work added to the contract.

| <b>Partial Payment Schedule</b>                          |                                                             |
|----------------------------------------------------------|-------------------------------------------------------------|
| <b>Percentage of Original<br/>Contract Amount Earned</b> | <b>Percentage of Bid Price<br/>for Mobilization Allowed</b> |
| 5                                                        | 50                                                          |
| 10                                                       | 75                                                          |
| 25                                                       | 100                                                         |

When a pay item for mobilization is not included in the proposal, payment for any such work is considered to have been included in payments made for other items of work.

## **TRAFFIC MAINTENANCE AND CONTROL**

(Bid Item 2)

The completed work as measured for TRAFFIC MAINTENANCE AND CONTROL will be paid for at the contract unit price for the following contract item (pay item):

| <u>Pay Item</u>                 | <u>Pay Unit</u> |
|---------------------------------|-----------------|
| Traffic Maintenance and Control | lump sum        |

The contract lump sum price shall be payment in full for all labor, materials, and equipment necessary to furnish, install, and maintain all signs, cones, barricades, flagging, etc. as required by the Michigan Manual of Uniform Traffic Control Devices and the Supplemental Specifications. Removal of any temporary signs or other traffic control equipment upon completion of the project shall be considered as incidental to the traffic maintenance and control work.

## **REMOVE CONCRETE CURB AND GUTTER**

(Bid Item 3)

The completed work as measured for REMOVE CONCRETE CURB AND GUTTER will be paid for at the contract unit price for the following contract item (pay item):

| <u>Pay Item</u>      | <u>Pay Unit</u> |
|----------------------|-----------------|
| Curb and Gutter, Rem | linear foot     |

Curb and Gutter, Rem shall be measured along the gutter line by linear foot.

The contract unit price shall be payment in full for all labor, materials and equipment required to sawcut, remove, and properly dispose of the concrete curb and gutter offsite.

## **REMOVE PAVEMENT**

(Bid Item 4)

The completed work as measured for REMOVE PAVEMENT will be paid for at the contract unit price for the following contract item (pay item):

| <u>Pay Item</u> | <u>Pay Unit</u> |
|-----------------|-----------------|
| Pavt, Rem       | square yard     |

Pavt, Rem shall be measured in place by area in square yards. The removal area shall be based upon the average length and width measurements as determined in the field by the Engineer.

The contract unit price shall be payment in full for all labor, material and equipment required to sawcut, remove, and properly dispose of the pavement off site. The contract unit price shall apply to pavement of any thickness (both bituminous and concrete).

## **REMOVE SIDEWALK**

(Bid Item 5)

The completed work as measured for REMOVE SIDEWALK will be paid for at the contract unit price for the following contract item (pay item):

| <u>Pay Item</u> | <u>Pay Unit</u> |
|-----------------|-----------------|
| Sidewalk, Rem   | square yard     |

Sidewalk, Rem shall be measured in place by area in square yards. The removal area shall be based upon the average length and width measurements as determined in the field by the Engineer.

The contract unit price shall be payment in full for all labor, material and equipment required to sawcut, remove, and properly dispose of the sidewalk and ramps off site. The contract unit price shall apply to sidewalk of any thickness.

## **HOT MIX ASPHALT (HMA) PAVEMENT**

(Bid Item 6)

The completed work as measured for HOT MIX ASPHALT (HMA) PAVEMENT will be paid for at the contract unit price for the following contract item (pay item):

| <u>Pay Item</u>  | <u>Pay Unit</u> |
|------------------|-----------------|
| HMA, 13A, Repair | tons            |

HMA pavement for road paving shall be measured in tons based upon certified weight delivery tickets.

The contract unit price shall be payment in full for all labor, materials, and equipment necessary to construct the HMA pavement in accordance with the plan details. Furnishing and applying bond coats, pavement compaction, and protection of the work shall all be considered as incidental to HMA pavement construction. For bike or safety path paving, the contract unit price shall also include the application of a suitable soil sterilant (Pramitol 25E, Pramitol 5PS or approved equal) on the Subgrade prior to paving. The application method and coverage rate shall be in accordance with the manufacturer's recommendations.

## **CONCRETE CURB & GUTTER**

(Bid Item 7)

The completed work as measured for CONCRETE CURB & GUTTER will be paid for at the contract unit price for the following contract item (pay item):

| <u>Pay Item</u>               | <u>Pay Unit</u> |
|-------------------------------|-----------------|
| Curb and Gutter, Conc, Det F3 | linear foot     |

Curb and gutter shall be measured in place by linear foot. The length shall be measured along the gutter line from end of curb to end of curb. Curb endings and curb drops shall all be measured and paid for as the same Detail as the main line curb.

The contract price shall be payment in full for all labor, materials, and equipment necessary to construct the concrete curb and gutter in accordance with the plan details. Any excavation, subgrade compaction, backfilling behind the curb, disposal of excess materials, joints, curing compound, and placement of curb drops shall be considered as incidental to the curb and gutter construction.

### **CURB RAMP OPENING**

(Bid Item 8)

Refer to MDOT Special Provision for Curb Ramp Opening, Conc. at the end of this section.

### **DETECTABLE WARNING**

(Bid Item 9)

The completed work as measured for DETECTABLE WARNING will be paid for at the contract unit price for the following contract item (pay item):

| <u>Pay Item</u>            | <u>Pay Unit</u> |
|----------------------------|-----------------|
| Detectable Warning Surface | foot            |

Detectable Warning Surface shall be paid in place by the linear foot. The length shall be measured along the center of the warning surface across the width of the sidewalk.

The contract unit price shall include all labor, material, and equipment necessary to install a two-foot wide detectable warning strip across the full width of the concrete ramp or as directed by the engineer. The detectable warning strips shall be Armor-Tile or approved equal and shall be Brick Red (Federal Color No. 22144) in color. No painted/stamped concrete detectable warning strips shall be allowed. Ramps shall be constructed to full compliance of the ADA STANDARDS FOR ACCESSIBLE DESIGN as published in the Title III regulations (28 CFR Part 36, revised July 1, 1994) issued by the Department of Justice. The ADA Standards for Accessible Design are in Appendix A of the Title III Regulations.

### **CONCRETE SIDEWALK RAMP**

(Bid Item 10)

The completed work as measured for CONCRETE SIDEWALK RAMP will be paid for at the contract unit price for the following contract item (pay item):

| <u>Pay Item</u>             | <u>Pay Unit</u> |
|-----------------------------|-----------------|
| Sidewalk Ramp, Conc, 6 inch | square foot     |

Concrete sidewalk ramps shall be measured in place and shall be paid for based upon the length and width measurements of the sidewalk ramp area as determined by the Engineer. The calculation will include the area to receive the detectable warning insert. The insert will be paid for separately as defined under Detectable Warning Surface Bid Item 8. The level landing will be paid for under Concrete Sidewalk, 4", and will not be considered for payment under this item.

The contract unit price shall be payment in full for all labor, materials, and equipment necessary to construct sidewalk ramp of the required thickness in accordance with the plan details. Furnishing, placing, and compacting a 4-inch thick sand base shall be considered as incidental to the sidewalk

placement. Any necessary excavation, backfill, and disposal of excess materials shall also be considered as incidental to the sidewalk ramp construction.

### **CONCRETE SIDEWALK**

(Bid Item 11)

The completed work as measured for CONCRETE SIDEWALK will be paid for at the contract unit prices for the following contract item (pay item):

| <u>Pay Item</u>        | <u>Pay Unit</u> |
|------------------------|-----------------|
| Sidewalk, Conc, 4 inch | square foot     |

Concrete sidewalk shall be measured in place and shall be paid for based upon the length and width measurements of the sidewalk area as determined by the Engineer.

The contract unit price shall be payment in full for all labor, materials, and equipment necessary to construct sidewalk of the required thickness in accordance with the plan details. Furnishing, placing, and compacting a 4-inch thick sand base shall be considered as incidental to the sidewalk placement. Any necessary excavation, backfill, and disposal of excess materials shall also be considered as incidental to the sidewalk construction.

Ramps shall be constructed to full compliance of the Michigan Department of Transportation (MDOT) Sidewalk Ramp and Detectable Warning Details, R-28-J.

### **PAVEMENT MARKINGS**

(Bid Item 12 & 13)

The completed work as measured for PAVEMENT MARKINGS will be paid for at the contract unit prices for the following contract item (pay item):

| <u>Pay Item</u>                         | <u>Pay Unit</u> |
|-----------------------------------------|-----------------|
| Pavt Mrkg, Polyurea, 6 inch, Crosswalk  | foot            |
| Pavt Mrkg, Polyurea, 12 inch, Crosswalk | foot            |

Pavement striping shall be measured in place horizontally by linear foot. The length shall be measured along the painted segment from end to end of paint marks. Pavement marking symbols and legends shall be counted and paid for by each.

The contract unit price shall be payment in full for all labor, materials, and equipment necessary to furnish and install the pavement markings in accordance with the plan details and the manufacturer's instructions. All sweeping and preparatory work as well as traffic control and temporary protection of newly placed markings shall be considered as incidental to the pavement marking work. Removal of any temporary pavement markings shall also be considered as incidental unless the Bid Form already includes pay items for removing temporary markings.

## **SURFACE RESTORATION**

(Bid Item 14)

The completed work as measured for SURFACE RESTORATION will be paid for at the contract unit price for the following contract item (pay item):

| <u>Pay Item</u>     | <u>Pay Unit</u> |
|---------------------|-----------------|
| Surface Restoration | square yard     |

Surface Restoration shall be measured in place by square yard and shall be based upon the average length and width measurements of the restored area as determined by the Engineer. Areas disturbed during construction shall be replaced in kind. The Contractor should be aware that this item may increase, or decrease, or be zero depending upon field conditions.

The contract unit price shall be payment in full for all labor, materials, and equipment necessary to furnish and place 2" of topsoil, seed, and mulch as called for on the plans and specifications. Application of mulch anchoring shall be considered as included in the placement of the surface restoration. Watering until vigorous turf growth is established shall be considered included.

## **MISCELLANEOUS RESTORATION ITEMS**

Restoration of miscellaneous items such as, but not limited to, street signs, traffic signs, shrubbery and other ornamental landscape items which are damaged, removed, or destroyed by the Contractor in the course of the work shall be repaired or replaced by the Contractor with new materials of equal quality as existed prior to the start of work. All such items for which specific bid items are not listed in the proposal shall be considered as incidental work and shall be replaced or repaired at the expense of the Contractor.

## **FINAL CLEAN UP**

Final clean up of the job shall be considered as incidental. Items in this category include removal of debris and litter from the site, removal of surplus materials, sweeping, repair of any damages, and clean out of drainage structures located within the work area.

Surface Restoration shall commence immediately upon completion of final grading or as MDOT seasonal limitations dictate.

## **EASEMENT CONDITIONS**

The Contractor shall be required to review and comply with easement conditions that are shown on the plans or contract documents. Compliance with easement conditions shall be considered as incidental to the overall project cost.

## **RELOCATE OR BRACE UTILITY POLES AND GUY WIRES**

The cost of relocating or bracing utility poles and guy wires, including all labor, materials, machinery and equipment, shall be considered incidental to the project and no extra payment shall be made for such work.

#### **WATER VALVE BOX ADJUSTMENT**

Adjustment of water valve boxes, if required, shall be considered as incidental to the project cost. The Contractor shall furnish all labor, materials, tools and equipment required to adjust boxes from the existing elevation to the finished elevations.

#### **PRIVATE UTILITY ADJUSTMENT**

Adjustment and/or relocation of private utility structures such as gas valves, structure covers, riser boxes, etc. shall be considered as incidental to the project. The Contractor shall furnish all labor, materials, tools, and equipment required to adjust private utility structures to the finished elevations. If private utility structures are to be adjusted and/or relocated by their respective owners, then the Contractor shall be responsible for coordinating this work with the private utility owner as incidental to the project.

MICHIGAN  
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION  
FOR  
**CURB RAMP OPENING, CONCRETE**

DES:CAL

1 of 1

APPR:MB:DBP:04-10-17  
APPR FHWA:04-17-17

**Add the following new subsection 803.03.I, on page 543 of the Standard Specifications for Construction:**

I. **Curb Ramp Opening.** Construct curb ramp openings in accordance with subsection 802.03 of the Standard Specifications for Construction, Standard Plan R-28 Series and as required to conform with the associated sidewalk ramp geometry (counter slope, running slope, cross slope, flares, widths, etc.).

**Add the following pay item to the pay item listing in subsection 803.04, on page 544 of the Standard Specifications for Construction:**

Curb Ramp Opening, Conc .....Foot

**Delete the second paragraph of subsection 803.04.C, on page 544 of the Standard Specifications for Construction in its entirety and replace with the following:**

The unit price for **Sidewalk Ramp, Conc, \_\_\_ inch** includes the cost of landings, monolithic rolled curbs or side flares along the longitudinal edges of the ramp or landing, and transitions to existing sidewalk.

**Add the following new subsection 803.04.G, on page 545 of the Standard Specifications for Construction:**

**G. Curb Ramp Opening, Conc.** The Engineer will measure **Curb Ramp Opening, Conc.** in place along the joint of the curbing with the pavement including transitions to and from adjacent standard full height curb and gutter cross section.

## SUPPLEMENTAL SPECIFICATIONS

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### 1. GENERAL

These Supplemental Specifications are supplements to the General Conditions and General Specifications. Where conflicts exist between the aforementioned Contract Documents, the conditions in the Supplemental Specifications shall govern.

### 2. LOCATION OF PROJECT

The project site is located in the City of Ypsilanti, Michigan. Preliminary locations are identified in Appendix B. The final target project areas will be supplied to the contractor prior to contract execution. Work may be required outside of the target area each year.

### 3. SCOPE OF PROJECT

The work to be done under this Contract includes the furnishing of all materials, equipment, and labor necessary to construct the proposed sidewalk as well as all necessary earthwork, cleaning and restoration in accordance with the plans and specifications.

#### 4. CONSTRUCTION STANDARDS

It is the intention of these specifications to construct all work in accordance with applicable requirements of the City, Washtenaw County, the Michigan Department of Environmental Quality, the Michigan Department of Transportation, and the ADA STANDARDS FOR ACCESSIBLE DESIGN As published in the Title III regulations (28 CFR Part 36, revised July 1, 1994) issued by the Department of Justice, and the plans referenced herein. Where there is a conflict between any of the aforementioned specifications and the permit requirements of the agency controlling the respective utility or rights-of-way, the more restrictive shall govern.

#### 5. PROGRESS MEETINGS

During the life of the project progress meetings may be held to discuss the project status, potential construction problems, the schedule, and other items that may impact the progress of the work. This meeting shall be attended by the CONTRACTOR, any subcontractors whose work is in progress or will be started in the two weeks following the progress meeting, the ENGINEER and the OWNER. The date, place, and time of the first progress meeting will be set at the preconstruction meeting.

#### 6. INCIDENTAL CONTRACT ITEMS

All items of work noted on the plans or in the specifications that are not specifically noted in the Bid Form as a pay item shall be considered incidental to the construction of the project and shall be constructed at no extra cost to the OWNER.

#### 7. PROJECT COORDINATION WITH OWNER & OTHER CONTRACTORS

The OWNER, utility companies, and commercial or private owners may have construction projects occurring within or adjacent to the project limits during the life of this Contract.

The CONTRACTOR shall coordinate his construction with all such projects that may be ongoing in the vicinity.

Also, where the CONTRACTOR's work affects the operation of the OWNER's utilities, the CONTRACTOR shall be responsible for coordinating his work with the OWNER. The CONTRACTOR shall give at least 72 hours notice to the OWNER in order to schedule activities such as valve operation, hydrant operation, sewer and structure cleanout, etc. No claim for extra compensation or adjustments in Contract Unit Prices will be allowed on account of delay or failure of others to complete work scheduled.

#### 8. MINIMUM WAGE REQUIREMENTS

The OWNER has specific minimum wage requirements that can be found on page SIB-1.

#### 9. FEDERAL REQUIREMENTS

This project is not Federally funded.

#### 10. FAIR EMPLOYMENT PRACTICES ACT

The CONTRACTOR agrees that neither he nor his subcontractors will discriminate against any employee or applicant for employment. The CONTRACTOR shall not discriminate with respect to his hire, tenure, terms, conditions or privileges of employment, or any matter directly or indirectly related to employment, because of race, color, religion, national origin or ancestry, nor shall age or sex be a condition of employment except where based upon an occupational qualification. Breach of these covenants may be regarded as a material breach of this Contract.

#### 11. OBSERVATION OF CONSTRUCTION

All construction operations will require full time observation by the OWNER's representative. The CONTRACTOR must notify the ENGINEER at least three (3) working days (72 hours) prior to construction and no work shall be performed without the ENGINEER's presence or awareness. Contact the Construction Staffing Coordinator at (734) 522-6711 to schedule observation.

#### 12. HOURS OF WORK

Work may be performed during the hours of 7 a.m. to 7 p.m., Monday through Friday only. Work at other times may be performed only by written permission of the OWNER.

#### 13. TESTING & SAMPLING

The CONTRACTOR shall furnish all samples of materials necessary for tests as determined by the ENGINEER or the Construction Observer. All samples taken for analysis and tests shall be taken in such a manner as to be truly representative of the entire lot under test. The CONTRACTOR shall furnish such assistance and facilities as the ENGINEER may require for collecting, storing or curing samples. Where materials tests are to be performed by the manufacturer, the certificates of approval shall be submitted to the ENGINEER. The cost of all such testing by manufacturers shall be incidental to the project. Additional required tests on materials in place shall be made at the expense of the OWNER, unless otherwise stipulated.

The OWNER's Agent shall arrange for and furnish testing services as provided by an acceptable independent laboratory as part of this Contract. These services shall be as follows, in addition to the testing requirements noted in the General Conditions:

All concrete shall be slump and air tested, with cylinders taken (as noted above) in compliance with the current MDOT Standard Specifications for Construction.

There may be areas with uncompacted fill material or organic materials; as a result, all areas within the influence of proposed pavement shall be proof rolled as a minimum, to the satisfaction of the ENGINEER. Some testing may be required.

All aggregate base and pavement shall be tested for compaction. A reputable firm, approved by the ENGINEER shall extensively test all such areas with a nuclear densimeter. In addition, all utility crossings and the areas immediately adjacent to any structures in the pavement shall be specifically tested. Areas which fail shall be compacted further and retested. Failure to

pass a second test shall be reason to undercut and refill the area, as directed by the ENGINEER, with careful attention to compaction.

#### 14. STAKING

When necessary, the ENGINEER will provide construction staking. The staking shall consist of horizontal and/or vertical control staking for the sidewalk construction. The CONTRACTOR is responsible for providing a written request for staking to the ENGINEER at least seventy-two (72) hours in advance of starting work. Staking requests should be faxed to the attention of the OHM Survey Department at (734) 522-6427. The CONTRACTOR shall carefully preserve all stakes set by the ENGINEER. In the case of willful or careless destruction, the ENGINEER shall provide the restaking and the CONTRACTOR shall be charged with the resulting expense and shall be responsible for delays and errors caused by unnecessary loss or disturbance of the stakes. The expense for restaking will be entered as a deduction on pay estimates and the resulting amount retained by the OWNER for payment of restaking.

#### 15. TRAFFIC MAINTENANCE & CONTROL

##### A. General

During the course of construction, provisions must be made to maintain access for emergency vehicles at all times. Where possible and when directed by the ENGINEER, all streets must be left open to traffic at the end of each working day. Traffic maintenance and control as defined in this section shall be considered as included in the unit bid prices or lump sum bid prices that are given in the Bid Form.

All work for maintaining traffic and control shall be in accordance with Section 812 of the 2012 MDOT Standard Specifications for Construction and the current edition of the Michigan Manual of Uniform Traffic Control Devices, (MMUTCD). The Contractor shall also comply with work zone sign requirements as described in Public Act 315 of 2003.

The CONTRACTOR shall conduct his operations and use of equipment in such a manner that traffic will be maintained throughout the entire length of the project. When conditions are such as to warrant variations from this requirement, the procedure to be followed shall be approved by the ENGINEER prior to such procedure being put into effect.

The CONTRACTOR shall furnish, erect and maintain all barricades, signs and lights as required according to the current edition of the MMUTCD. Flagmen shall also be provided by the CONTRACTOR as necessary to protect the vehicular and pedestrian traffic and the work within the work zone areas. CONTRACTOR shall be responsible for notifying concerned parties such as Police, Fire, and school officials if a road closure and/or detour will be in effect. The CONTRACTOR shall notify the same parties when the road has been reopened.

Once work on a particular utility is begun, the CONTRACTOR must continue his work to completion. The OWNER will not permit random movements of work operations among the project area that tend to confuse traffic patterns.

#### B. Provision for Local Traffic

During the progress of the work, the CONTRACTOR shall accommodate both local vehicular and pedestrian traffic along the roads.

Access to all residences and businesses shall be maintained except as noted on the plans or as directed by the ENGINEER.

The CONTRACTOR's truck and equipment operations on public streets shall be governed by all local traffic ordinances and regulations of the Fire and Police Departments, the OWNER, the Ypsilanti Community Utilities Authority, the Ypsilanti Housing Commission, Washtenaw County, and Michigan Department of Transportation.

#### C. Existing Warning and Regulatory Signs

Wherever possible, all existing signs on this project are to be preserved and maintained as incidental to the project.

Where it is not possible to preserve existing traffic control signs and street name signs, they shall be removed, temporarily reset and maintained by the CONTRACTOR. Upon completion of the project, the CONTRACTOR will reset traffic control signs and street name signs in the proper position.

In cases where new signs are called for, they shall be placed in accordance with the requirements outlined elsewhere in the Contract Documents.

Any new or existing signs damaged by the CONTRACTOR shall be replaced in kind by him at no additional cost to the OWNER.

#### D. Lane Closures and Detours

Any lane closures or detours shall be approved by the OWNER and the appropriate governing agency, and shall meet their specifications and standards as well as those of the MMUTCD. Where there are conflicts, the more restrictive requirement shall apply. If any type of closure is to occur during twilight or darkness, proper lighting will be required.

#### E. Construction Signs and Barricades

Warning signs and barricade configurations shall meet the requirements of the City of Ypsilanti, Ypsilanti Community Utilities Authority, and the Michigan Department of Transportation.

The CONTRACTOR shall not begin any operation on the project until all required signs and barricades have been set.

All signs to be used during twilight or darkness shall be reflectorized, in good condition, with two continuous flashing lights.

The construction site shall at all times be maintained and left in a clean, neat, and safe condition, including any construction signing.

After working hours, signs that are not appropriate shall be covered and/or removed so that motorists will not be confused. The CONTRACTOR shall also remove and replace or cover (where practical) existing traffic signs that may conflict with the proposed construction.

#### 16. LOAD RESTRICTIONS ON LOCAL STREETS

The CONTRACTOR shall not operate heavy trucks or equipment on any side street within the project area without permission from ENGINEER, the OWNER or appropriate governing agency.

#### 17. UTILITIES

For protection of underground utilities, the CONTRACTOR shall contact "Miss Dig" at 1-800-482-7171 a minimum of three (3) working days prior to excavating. This does not relieve the CONTRACTOR of the responsibility of notifying utility owners who may not be part of the "Miss Dig" alert system.

Utility relocation work is not expected to be necessary for this project.

Work stoppages by employees of utility companies or any occurrence which results in a delay in utility relocations on this project may be considered as a basis for a claim for an extension of the time of completion, but will not be considered as a basis for a claim for extra compensation or an adjustment in Contract Unit Prices. The amount of any such time extension will be based upon the amount of delay actually experienced as a result of the utility relocation delay.

#### 18. EMERGENCY REPAIR

When the CONTRACTOR is not actively performing work on a particular construction site, situations of an emergency nature may arise as a result of uncompleted work. Such situations may affect, directly or indirectly, public and/or private property, and may ultimately affect the health, safety, and welfare of individuals or the general public. The intent of this article is to provide a procedure to eliminate these problems as they occur. While these problem situations can and do readily develop as emergencies, the ENGINEER shall direct field-related operations and require immediate efforts by the CONTRACTOR to remedy the deficiency in a method of his choosing because of his expertise in the field, time being of the essence. The correction of the "emergency" which may arise when no activity exists on the construction site shall be handled in the following manner:

- A. The ENGINEER shall observe the site, take any necessary photographs and/or prepare any necessary sketches of conditions at the site to determine that the situation constitutes an emergency.
- B. The ENGINEER then has three alternative sources of manpower and equipment to be selected to remedy the emergency situation in the following order:
  1. The CONTRACTOR under Contract with the OWNER to perform all work on the site location in question;
  2. The OWNER's Department of Public Works or YCUA

3. An independent CONTRACTOR designated by the OWNER.

Since the nature and extent of most unfinished work on a particular construction site is well known by both the ENGINEER's authorized agent and the CONTRACTOR at the time of declaring such an "emergency situation" as set forth herein before; the CONTRACTOR under Contract to the OWNER for the particular project would be the first party notified and would be expected to respond immediately with necessary manpower and equipment to remedy the problem.

If a reasonable time to respond to the emergency notification is not evident, in the best judgment of the ENGINEER, then the CONTRACTOR shall be judged to have waived his rights to physically correct the problem, but not his obligations to pay for such a physical correction or damages resulting there from. The ENGINEER shall then contact the OWNER's DPW or YCUA for their assistance in correcting the "emergency situation". Where existing commitments by the DPW or YCUA prohibit their immediate response to the request by the ENGINEER, the ENGINEER shall finally direct that corrective measures be performed by the independent contractor previously contacted by the OWNER to perform such emergency work when so directed.

Since the cost for all remedial work undertaken by the CONTRACTOR on this project shall be borne by the CONTRACTOR and it is necessary to engage the services of the DPW or YCUA or an independent contractor, then all costs incurred would be deducted from monies due and payable to the CONTRACTOR on the particular project as set forth on any ensuing regular job estimates.

Typical costs which will be deducted from Contract monies due would be:

- A. Payroll wages
- B. Material bills
- C. Equipment rental (Ann Arbor area rates) and moving costs
- D. 15% profit and overhead for independent contractor
- E. 10% administrative costs
- F. Observation costs

19. USE OF WATER

CONTRACTOR shall not make a connection to any fire hydrant without first obtaining the necessary permit (meter) from Ypsilanti Community Utilities Authority. The CONTRACTOR shall be charged for all water used. Contact Scott Westover at YCUA for more information at 734-484-4600.

## 20. ASPHALT AND PAVEMENT CONSTRUCTION

Asphalt and concrete pavements shall be constructed in accordance with the 2012 MDOT Standard Specifications for Construction unless otherwise indicated in the Supplemental Specifications, Appendix, plan notes, or plan details.

## 21. MAIL/NEWSPAPER BOXES

The CONTRACTOR shall remove mailboxes that may conflict with the new construction and replace to their original location in accordance with requirements of the U.S. Post Office. Any mailbox or post not indicated on the plans for removal or replacement that is damaged by the CONTRACTOR's operations shall be replaced in kind by the CONTRACTOR at no additional charge to the OWNER. If temporary street closures or construction activities occur which prohibit delivery of mail by the postal department, then alternate provisions for mail delivery shall be provided by the CONTRACTOR and approved by the OWNER, also at no additional charge to the OWNER.

## 22. ACCOMODATIONS FOR ACCESS DURING CONSTRUCTION

The CONTRACTOR shall provide for accessible access during construction to the extent possible. Concrete removed shall be replaced the same day unless prior authorization is received from the ENGINEER. Asphalt replacement, where required, shall be completed within 24 hours of the placement of the concrete curb and gutter.

## 23. INSURANCE SPECIFICATION MODIFICATIONS

Insurance Specifications, Items 2.3.2, Paragraph B:

In addition to the City of Ypsilanti (OWNER) and Orchard, Hiltz & McCliment, Inc. (ENGINEER), the following shall be covered under the OWNER's Protective Liability Policy:

1. Ypsilanti Community Utilities Authority (YCUA)
2. YCUA Board of Commissioners, jointly and individually
3. All of YCUA Employees, Agents and Consultants, individually
4. City of Ypsilanti
5. Ypsilanti City Council, jointly and individually
6. City of Ypsilanti Housing Commission

## 24. GENERAL SPECIFICATION MODIFICATIONS

Page GS-1, item 3, Soil Erosion and Sedimentation Control, should read as follows:

The CONTRACTOR shall comply with the requirements of the Soil Erosion and Sedimentation Control Act of the State of Michigan, Part 91 of Act 451 of the Public Acts of

1994 and with all the requirements, rules and standards of the official enforcing agent for the project location.

Page GS-4, item 15, Cleanliness of the Work Site and Streets, add the following paragraph to the end of the section:

“The CONTRACTOR shall perform all roadway and driveway maintenance operations, including but not necessarily limited to aggregate placement and grading throughout during the duration of the Contract and at times as directed by the ENGINEER.” The CONTRACTOR shall specifically perform these operations before noon on Fridays in preparation for the weekend and before noon on Mondays.

Page GS-4, item 16, Dust Control, add the following after the third sentence of the first paragraph:

“At a minimum, dust control materials shall be applied by no later than noon on Mondays and Fridays during the duration of the Contract and at other times as directed by the ENGINEER.”

Page GS-6, item 20, Water, the third paragraph should read: Existing public water systems shall be operated by the CONTRACTOR. All valves shall be operated exclusively by the CONTRACTOR’s personnel.

Operation of valves by CONTRACTOR only in presence and direction of OHM and/or YCUA. 48 hours notice shall be given to OHM of all intended shut downs.

## 25. TECHNICAL SPECIFICATION MODIFICATIONS

Modify EARTHWORK as follows:

Page EA-2, item 4, part b, BACKFILL, Granular Backfill, delete the reference to “MDOT Specification for Granular Material Class II or III” and replace it with “MDOT Specification for Granular Material Class II.” Delete the second paragraph in its entirety.

Page EA-2, item 4, part b, BACKFILL, Granular Backfill, delete “in the opinion of the ENGINEER”

Page EA-6, item 23, part a, BACKFILLING, General, delete the reference to “MDOT Specification for Granular Material Class III” and replace it with “MDOT Specification for Granular Material Class II.”

Modify RESTORATION as follows:

Page R-2, Item 7, TOPSOIL, delete the existing paragraph and replace with

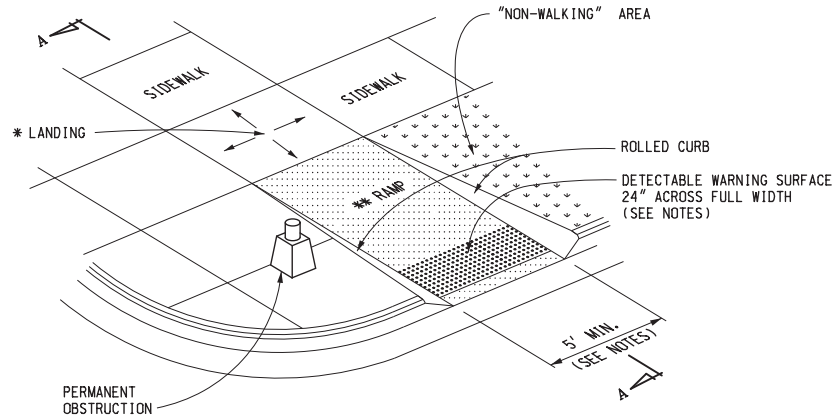
Topsoil shall be fertile, friable, without admixture of subsoil. Topsoil is to be free of glass, stones greater than one inch in any dimension, roots, sticks, weeds, undesirable grasses and other extraneous materials. Topsoil is to consist of 40% minimum silt, 6% minimum organics, and 10% maximum clay content. Topsoil is to be final screened thru a 5/8 inch maximum mesh screen prior to delivery to site. The ENGINEER shall review source and

final screen results prior to release of the topsoil. The CONTRACTOR shall submit a certified analysis of the topsoil from each source to the ENGINEER for approval prior to delivery.

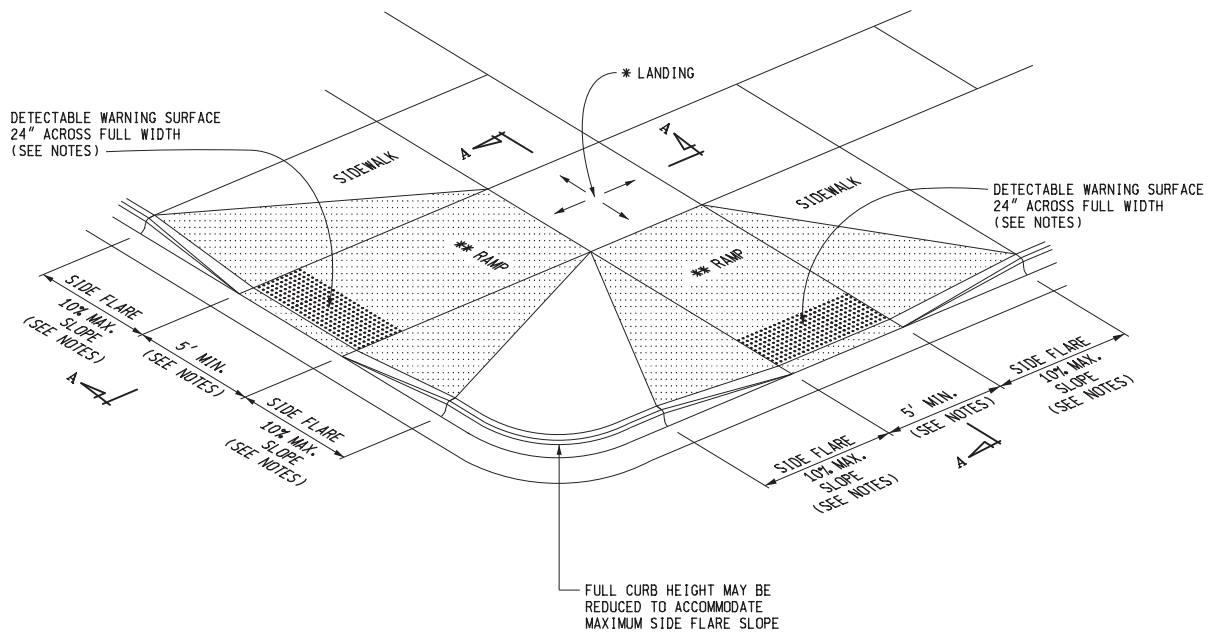
## Appendix A: MDOT Standard Plan R-28-J

\* MAXIMUM LANDING SLOPE IS 2.0% IN EACH DIRECTION OF TRAVEL. 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. Steudle

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

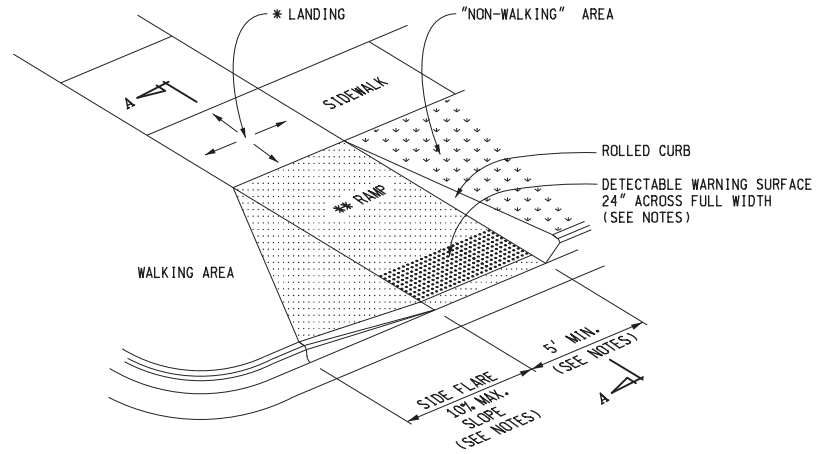
3-15-2016  
PLAN DATE

**R-28-J**

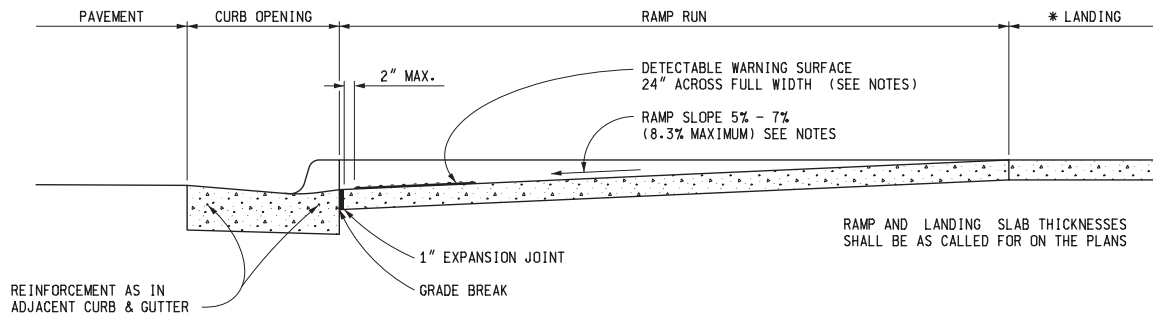
SHEET  
1 OF 7

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

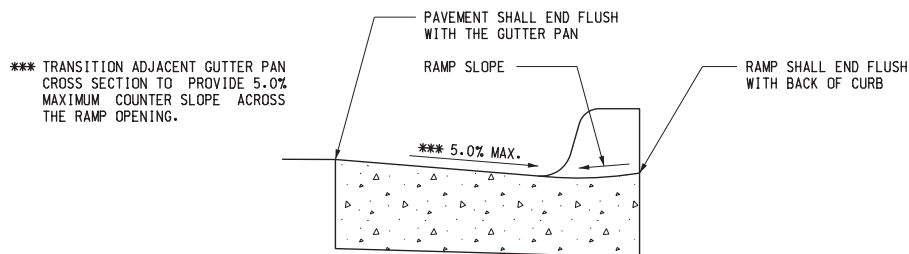
\*\* MAXIMUM RAMP CROSS SLOPE IS 2.0%, RUNNING SLOPE 5% - 7% (8.3% MAXIMUM). SEE NOTES.



**SIDEWALK RAMP TYPE RF**  
(ROLLED / FLARED SIDES)



**SECTION A-A**



**SECTION THROUGH CURB OPENING**  
(TYPICAL ALL RAMP TYPES)

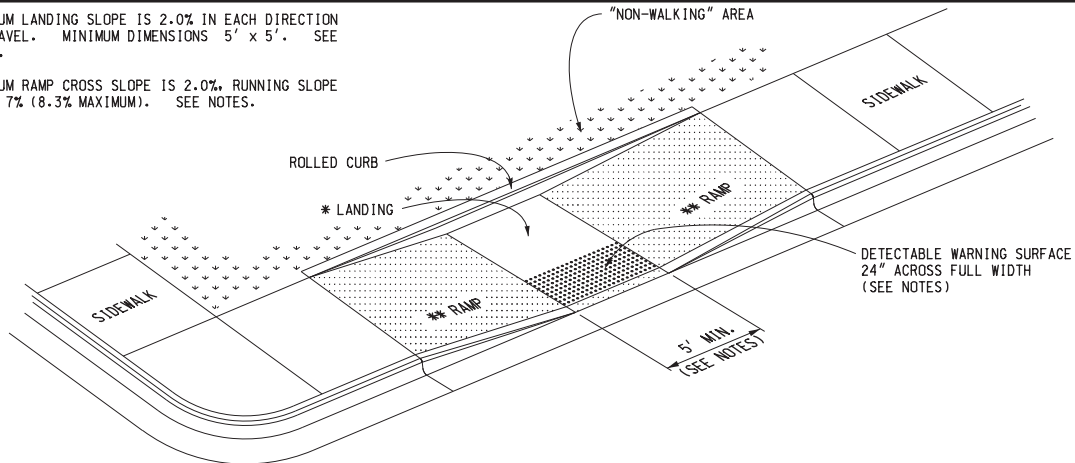
MICHIGAN DEPARTMENT OF TRANSPORTATION  
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

**SIDEWALK RAMP AND  
DETECTABLE WARNING DETAILS**

|                   |                        |        |                 |
|-------------------|------------------------|--------|-----------------|
| F.H.W.A. APPROVAL | 3-15-2016<br>PLAN DATE | R-28-J | SHEET<br>2 OF 7 |
|-------------------|------------------------|--------|-----------------|

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

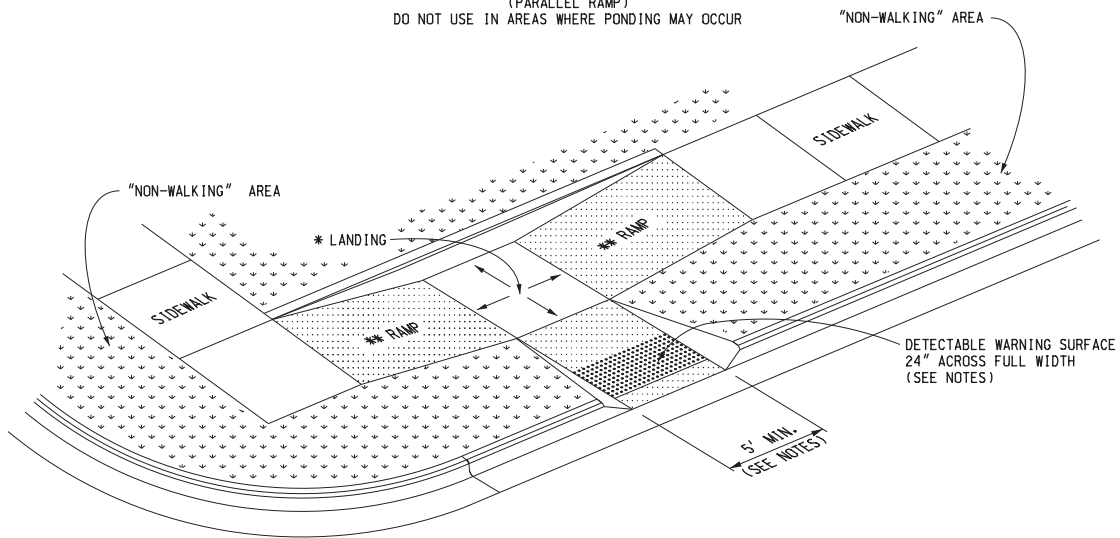
\*\* MAXIMUM RAMP CROSS SLOPE IS 2.0%, RUNNING SLOPE 5% - 7% (8.3% MAXIMUM). SEE NOTES.



### SIDEWALK RAMP TYPE P

(PARALLEL RAMP)

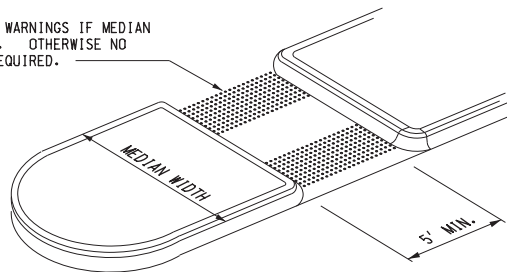
DO NOT USE IN AREAS WHERE PONDING MAY OCCUR



### SIDEWALK RAMP TYPE C

(COMBINATION RAMP)

USE 24" DEEP DETECTABLE WARNINGS 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

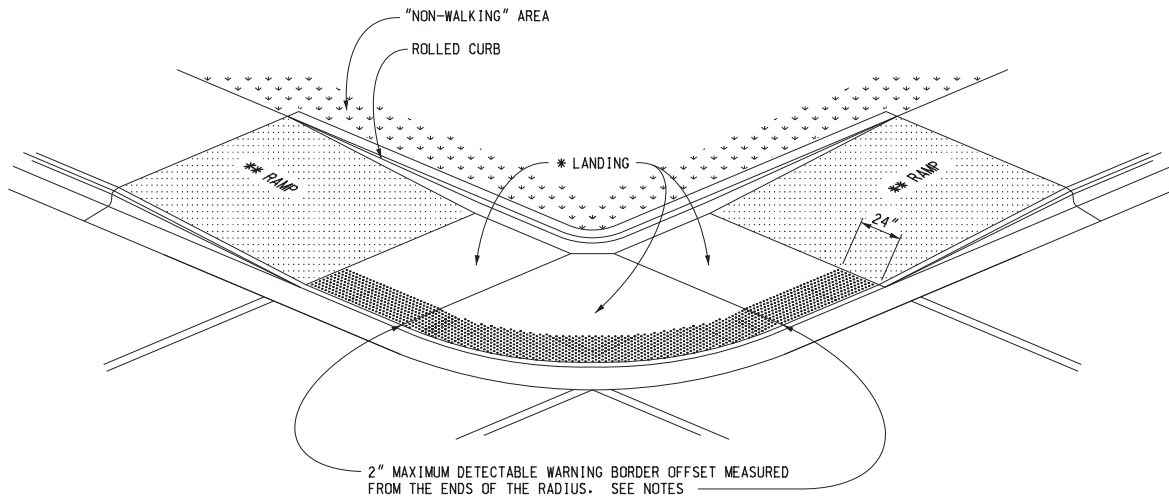
3-15-2016  
PLAN DATE

R-28-J

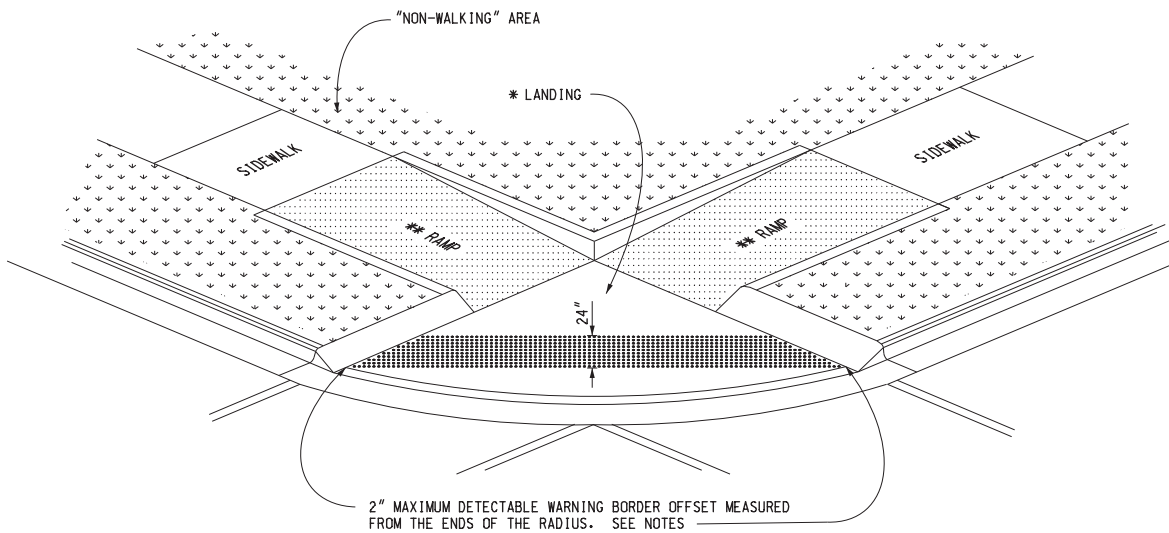
SHEET  
3 OF 7

\* MAXIMUM LANDING SLOPE IS 2.0% IN EACH DIRECTION OF TRAVEL. 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

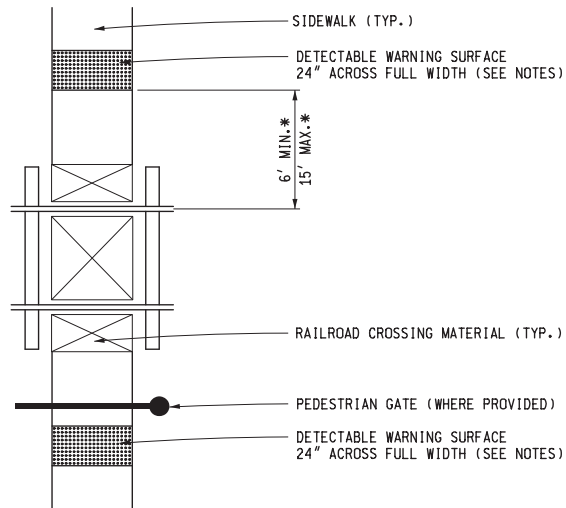
F.H.W.A. APPROVAL

3-15-2016  
PLAN DATE

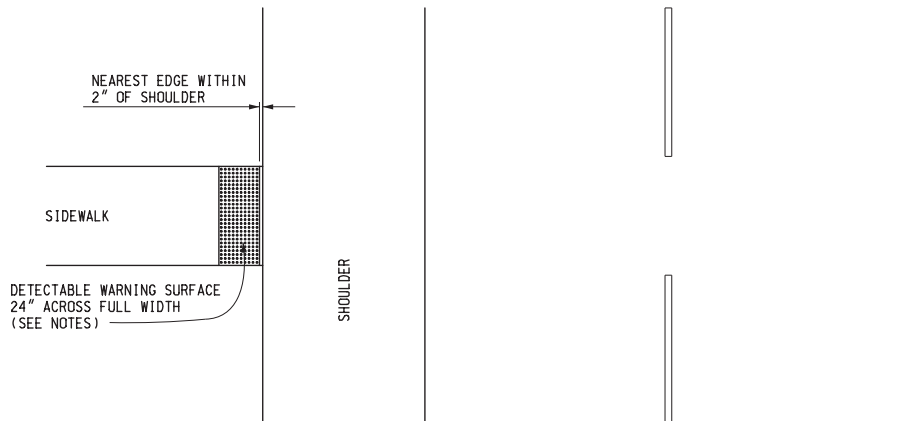
R-28-J

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.

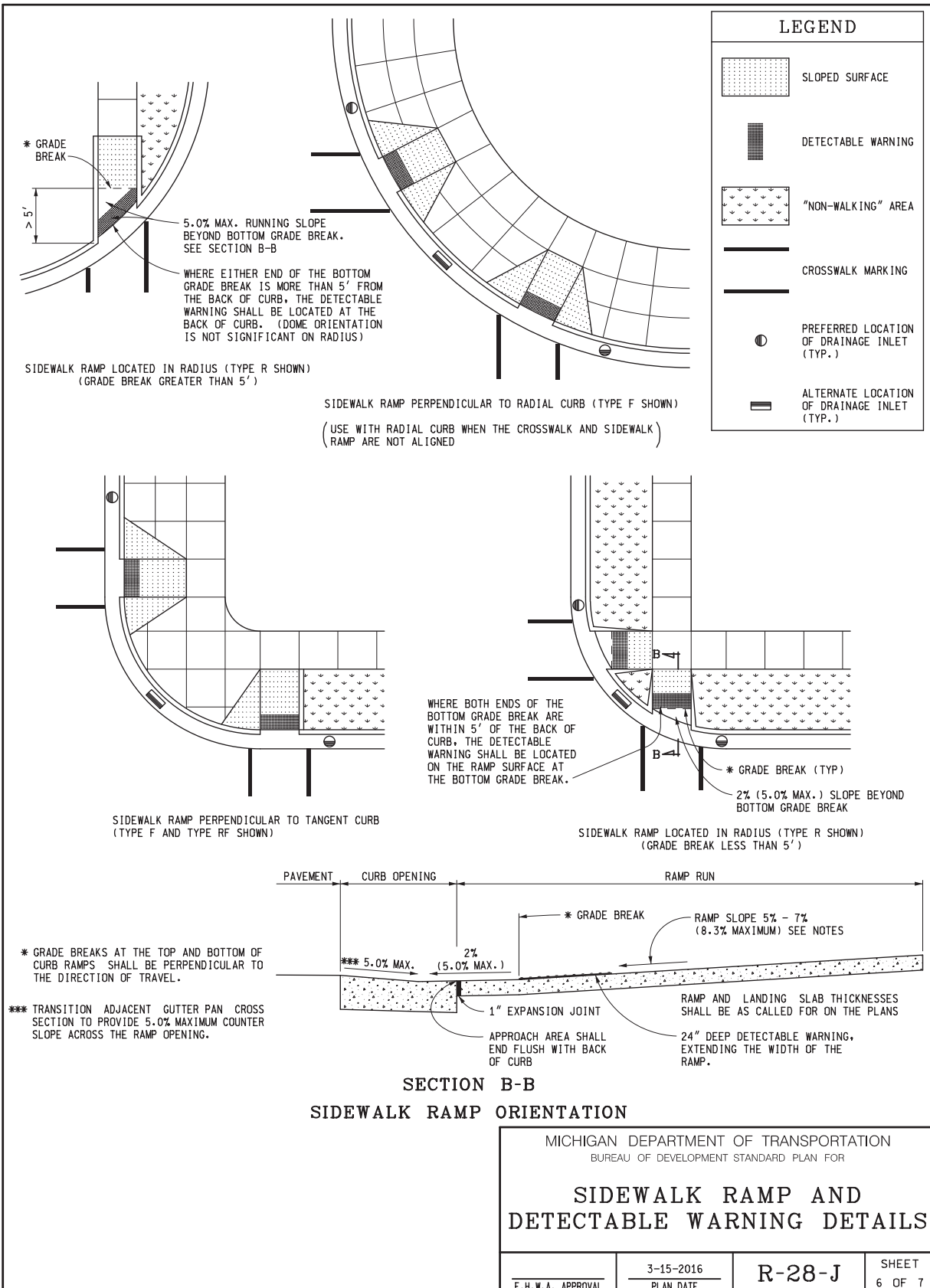


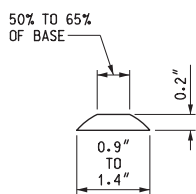
DETECTABLE WARNING AT RAILROAD CROSSING



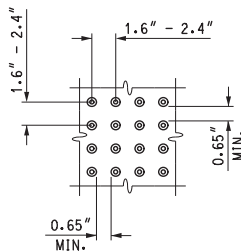
DETECTABLE WARNING AT FLUSH SHOULDER OR ROADWAY

|                                                                                  |                        |        |                 |
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| MICHIGAN DEPARTMENT OF TRANSPORTATION<br>BUREAU OF DEVELOPMENT STANDARD PLAN FOR |                        |        |                 |
| <b>SIDEWALK RAMP AND<br/>DETECTABLE WARNING DETAILS</b>                          |                        |        |                 |
| F.H.W.A. APPROVAL                                                                | 3-15-2016<br>PLAN DATE | R-28-J | SHEET<br>5 OF 7 |

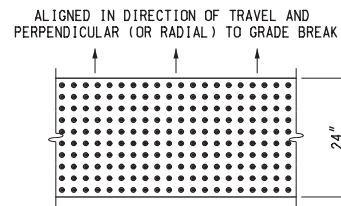




DOME SECTION



DOME SPACING



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 FEASIBLE, RAMP WIDTH MAY BE REDUCED TO NOT LESS THAN 4' AND LANDINGS TO NOT LESS THAN 4' x 4'.

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 TRANSITION 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.

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.

TRANSITION THE GUTTER PAN CROSS SECTION SUCH THAT THE COUNTER SLOPE IN THE DIRECTION OF RAMP TRAVEL IS NOT GREATER THAN 5.0%. MAINTAIN THE NORMAL GUTTER PAN CROSS SECTION ACROSS DRAINAGE STRUCTURES.

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 OF 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

3-15-2016  
PLAN DATE

R-28-J

SHEET  
7 OF 7

## Appendix B: Ramp Locations

S. Hamilton St. @ Ferris St. – Northeast Corner – 1 Ramp  
S. Hamilton St. @ Ferris St. – Northwest Corner – 1 Ramp  
S. Hamilton St. @ Ferris St. – Southwest Corner – 1 Ramp

Hawkins St. @ Frederick St. – Northwest Corner – 1 Ramp  
Hawkins St. @ Frederick St. – Southwest Corner – 1 Ramp

Hawkins St. @ Hill St. – Northwest Corner – 1 Ramp  
Hawkins St. @ Hill St. – Southwest Corner – 1 Ramp

Hawkins St. @ Franklin St. – Northeast Corner – 1 Ramp  
Hawkins St. @ Franklin St. – Northwest Corner – 1 Ramp  
Hawkins St. @ Franklin St. – Southeast Corner – 2 Ramps  
Hawkins St. @ Franklin St. – Southwest Corner – 2 Ramps

Harriet St. @ 1<sup>st</sup> Ave. – Northwest Corner – 1 Ramp  
Harriet St. @ 1<sup>st</sup> Ave. – Southwest Corner – 1 Ramp

2<sup>nd</sup> Ave. @ Small Pl. – Northwest Corner – 1 Ramp  
2<sup>nd</sup> Ave. @ Small Pl. – Southwest Corner – 1 Ramp

## Appendix C: Grading Permit

**GRADING PERMIT**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

In consideration of the construction of sidewalk corner ramps in the City of Ypsilanti, according to the requirements set forth by the Americans with Disabilities Act (ADA), the undersigned hereby give permission to the City of Ypsilanti, or any contractor hired thereby for grading this property being in the \_\_\_\_\_<sup>1</sup>/<sub>4</sub> Section\_\_\_\_, T. 3 S., R. 7 E. City of Ypsilanti, Washtenaw County, Michigan.

The purpose of this temporary grading permit is to allow the construction of sidewalk corner ramps and sidewalk in accordance with the American with Disabilities Act (ADA) requirements. This grading permit allows restoring any disturbed property during construction and does not cause a change in the property lines.

Tax Parcel No. \_\_\_\_\_

- A. A Temporary Grading Permit approximately \_\_\_\_\_ feet x \_\_\_\_\_ feet, located along the frontage of said parcel in the \_\_\_\_\_<sup>1</sup>/<sub>4</sub> of Section 13, T. 3 S., R. 7 E., City of Ypsilanti, Washtenaw County, Michigan.
- B. Corner ramp and sidewalk improvements, regrading and restoration of disturbed areas.
- C. Additional Conditions:
- (1) The permissive rights set forth herein shall start as of the date the contractor commences work on the above project and shall terminate on the date that the contractor completes the above project (not to exceed two years).
- (2) The work described above shall be constructed in a first class, workmanlike manner, and in accordance with applicable City, State and County standards, and upon completion, City of Ypsilanti shall have no further responsibilities, therefore.

This instrument contains the entire permit agreement. No further promises have been made except as shown herein.

WITNESSES:

GRANTOR:

\_\_\_\_\_  
\_\_\_\_\_

## Appendix D: City of Ypsilanti Contract Addendum

#### ADDENDUM TO AGREEMENT FOR SERVICES

This Addendum shall be a part of a certain Agreement between the CITY OF YPSILANTI, a Michigan municipal home-rule corporation of One South Huron Street, Ypsilanti, Michigan 48197 referred to as "CITY", and \_\_\_\_\_, of \_\_\_\_\_, Michigan, referred to as "CONTRACTOR", a \_\_\_\_\_. (sole proprietor, corporation, partnership, etc.).

1. This Addendum is an addition and amendment to the primary Contract between the parties. In an event of a conflict between the language of this Addendum and the primary Contract, the language and terms of this Addendum shall take precedence.

2. Standard of Performance. The CONTRACTOR shall perform the Contract faithfully and diligently and perform the services in a competent, professional, satisfactory and proper manner and during the Contract term or extensions thereof, use every best effort and endeavor to promote the interests of the CITY and devote such time, attention, skill, knowledge and ability as is necessary to most effectively and efficiently carry out and perform the Contract.

3. The parties understand and agree that the CITY may terminate this Contract at any time with or without notice. In such event the CONTRACTOR will be compensated for work already completed

4. This Contract is to be performed in Washtenaw County, Michigan, and all legal venue shall exclusively lie therein.

5. The parties agree that time is of the essence in the performance of this Contract by the CONTRACTOR.

6. Each provision of this Contract shall be separately enforceable and in the event that a court of competent jurisdiction determines or adjudges that any provision of this Contract is invalid or illegal, such decision shall not affect the rest of the Contract which shall remain in full force and effect.

7. This Agreement shall be governed by and construed in accordance with the laws of Michigan.

8. Independent Contractor. The relationship of the CONTRACTOR to the CITY is and shall continue to be that of an independent contractor and no liability or benefits such as worker's compensation, pension rights, or other rights or liabilities arising out of or related to a contract for hire or employer/employee relationship shall arise or accrue to either party as a result of the performance of this Contract.

9. Waiver of Liability. The CONTRACTOR hereby waives any claim against the CITY and agrees not to hold the CITY liable for any personal injury or damage incurred by

it, its employees or associates on this project which is not held by a court of competent jurisdiction to be directly attributable to the sole and/or gross negligence or malicious intentional conduct of any employee of the CITY acting within the scope of their employment. It further agrees to hold the CITY harmless from any such claim by its employees or associates.

10. For the purpose of the hold harmless, indemnity, and insurance provisions contained in this Contract, the term "CITY" shall be deemed to include the City of Ypsilanti and all other associated, affiliated, allied or subsidiary entities, or commissions, officers, agents, representatives and employees.

11. The following Indemnification Agreement shall be, and is hereby, a provision of the Contract and shall be endorsed on the reverse sides of all certificates of insurance:

"The CONTRACTOR agrees to protect, defend, indemnify and hold the CITY and its officers, employees and agents free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities of every kind and character arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings or causes of action of every kind and character in connection with or arising directly or indirectly out of this Agreement and/or the performance hereof. Without limiting the generality of the foregoing, any and all such claims, etc., relating to personal injury, death, damage to property, defects in materials or workmanship, actual or alleged infringement of any patent, trademark, copy right (or application for any thereof) or any other tangible or intangible personal or property right, or any actual or alleged violation of any applicable statute, ordinance, administrative order, rule or regulation, or decree of any court, shall be included in the indemnity hereunder. The CONTRACTOR further agrees to investigate, handle, respond to, provide defense for and defend any such claims, etc., at his sole expense and agrees to bear all other costs and expenses related thereto, even if it (claims, etc.) is groundless, false or fraudulent."

12. Insurance.

a. The CONTRACTOR prior to commencing work shall provide at his own cost and expense the following insurance to the CITY in insurance companies licensed and/or approved in the State of Michigan, which insurance shall be evidenced by certificates and/or policies as determined by the CITY. All policies and certificates of insurance shall be approved by the Department of City Manager of the CITY prior to the inception of any work.

b. Each certificate or policy shall require that, thirty days prior to cancellation or material change in the policies, notice thereof shall be given to the CITY by registered mail, return receipt requested, for all of the following stated insurance policies. All such notices shall name the CONTRACTOR and identify the contract number.

c. All property losses shall be made payable to and adjusted with the CITY.

d. In order to determine financial strength and reputation of insurance carriers, all companies providing the coverages required shall be licensed or approved by the Insurance Bureau of the State in which the work is performed and shall have a financial rating not lower than XI and a policyholder's service rating no lower than B+ as listed in A.M. Best's Key Rating Guide, current edition. Certificates of insurance shall note A.M. Best's Rating. Companies with ratings lower than B+:XI will be acceptable only upon written consent of the CITY.

e. All policies and certificates of insurance of the CONTRACTOR shall contain the following clauses:

(1) The clause "other insurance provision" in a policy in which the CITY is named as an insured, shall not apply to the CITY.

(2) The insurance companies issuing the policy or policies shall have no recourse against the CITY (including its agents and agencies as aforesaid) for payment of any premiums or for assessments under any form of policy.

(3) Any and all deductibles in the above described insurance policies shall be assumed by and be for the account of, and at the sole risk of, the CONTRACTOR.

(4) The CITY (at its option) shall be listed as an Additional Named Insured on the following insurance coverages provided by the CONTRACTOR.

|          |         |    |                                         |
|----------|---------|----|-----------------------------------------|
| YES ____ | NO ____ | 1) | Comprehensive General Liability         |
| YES ____ | NO ____ | 2) | Automobile Liability                    |
| YES ____ | NO ____ | 3) | Owners Contractors Protective Liability |

f. The CONTRACTOR shall maintain at its own expense during the term of this Contract the following insurance:

(1) Worker's Compensation insurance with Michigan statutory limits and employers' liability insurance with minimum limits of \$500,000 each accident.

(2) General Liability insurance with a minimum limit of liability per occurrence of \$1 Million Combined Single Limit (Bodily Injury/Property Damage), with no aggregate.

This insurance shall indicate on the Certificate of Insurance the following coverages:

- (a) Premises - Operations
- (b) Independent Contractor and Subcontractors
- (c) Products and Completed Operations
- (d) Broad Form Contractual
- (e) Broad Form Liability Endorsement

(3) Automobile Liability insurance with minimum limits of liability, per occurrence, of \$1 Million Combined Single Limit (Bodily Injury/Property Damage) unless otherwise indicated in the "Special Conditions" of the Contract specifications. This insurance shall include for bodily injury and property damage the following coverages:

- (a) Owned automobiles

- (b) Hired automobiles
- (c) Non-owned automobiles

(4) Protective Liability Insurance: Owners and Contractors. The CONTRACTOR shall provide the original and duplicate policy of insurance to the City Manager. This insurance contract shall name the CITY as the insured and remain in effect until the contract is accepted by the CITY.

The insurance shall provide minimum limits of liability per occurrence of \$500,000. Combined Single Limit. Said insurance shall provide that the term "Owner" or CITY shall be deemed to include all authorities, boards, bureaus, commissions, divisions, departments, districts and offices of the CITY and the individual members, employees and agents thereof in their official capacities.

(5) Construction Insurance: The CONTRACTOR at his own cost and expense shall provide and maintain the applicable construction insurance until the Contract is accepted by the CITY and/or its designee. This coverage shall be written for 100% of the completed value covering the CITY as the insured, with a deductible of not more than \$1,000. The CONTRACTOR shall provide the original and duplicate policy to the CITY (unless the CITY shall accept, in lieu thereof, all contained endorsements including all applicable provisions and coverages).

(6) Professional Services. CONTRACTOR shall provide professional liabilities (errors and omissions) insurance, with minimum limits of \$1 Million each occurrence.

(7) Disability Benefits: The CONTRACTOR shall provide proof of compliance with the Disability Benefits Law. (If applicable).

(8) Additional insurance may be required on an individual basis for extra hazardous contracts and specific service agreements. If such additional insurance is required for a specific contract, that requirement will be described in the "Special Conditions" of the contract specifications.

g. If any of the Property and Casualty insurance requirements are not complied with at their renewal dates, payments to the CONTRACTOR will be withheld until those requirements have been met, or at the option of the CITY the CITY may pay the Renewal Premium and withhold such payments from any monies due the CONTRACTOR.

h. In the event that claims in excess of the insured amounts provided herein, are filed by reason of any operations under the Contract, the amount of excess of such claims, or any portion thereof, may be withheld from payment due or to become due the CONTRACTOR until such time as the CONTRACTOR shall furnish such additional security covering such claims as may be determined by the CITY.

i. If at any time any of the foregoing policies shall be or become unsatisfactory to the CITY to form or substance, or if a company insuring any such policy shall be or become unsatisfactory to the CITY, the CONTRACTOR shall upon notice to that effect from the CITY promptly obtain a new policy, submit the same to the City Manager for approval and submit a certificate thereof as herein provided. Upon failure of the CONTRACTOR to furnish, deliver and maintain such insurance as above provided, this Contract, at the election of the CITY may be forthwith declared suspended, discontinued or terminated. Failure of the CONTRACTOR to take out and/or maintain or the taking out and/or maintenance of any required insurance, shall not relieve the CONTRACTOR from any liability under the Contract, nor shall the insurance requirements be construed to

conflict with or otherwise limit the obligations of the CONTRACTOR concerning indemnification.

j. Certificate of Insurance; required language. The Certificate of Insurance obtained by the CONTRACTOR shall contain the following language: "The City of Ypsilanti, Michigan, its elected officials, officers, employees, boards, commission, authorities, voluntary associations, and any other units operating under the jurisdiction of the City and within appointment of its operating budget, including the City of Ypsilanti, are named as additional insured, and such coverage shall be considered to be the primary coverage rather than any policies and insurance or self insurance retention owned or maintained by the City of Ypsilanti."

13. Conflict of Interest. The CONTRACTOR covenants that the CONTRACTOR (individually, or if a corporation, trust, limited liability company or partnership, "the entity") nor any officer, principal, partner, agent or employee of the entity has any interest nor shall they acquire any interest, directly or indirectly, which would conflict in the manner or degree of performance with the Contract. Further that if any such conflict of interest develops and exists during the term of the contract that the CONTRACTOR shall, within 7 days of the existence of such conflict of interest, notify the CITY in writing of the existence and nature of the said conflict of interest.

14. Contingent Fees. The CONTRACTOR warrants it has not employed or retained any company or person other than bonafide employees working solely for the CONTRACTOR, to solicit or secure this Contract, and that it has not paid or agreed to pay any company, or person, other than a bonafide employee working solely for the CONTRACTOR, any fee, commission, percentage, brokerage fee, gift, or any other consideration contingent upon or resulting from the award of making this Contract. For breach or violation of this warranty, the CITY shall have the right to annul the Contract without liability or, at its discretion, to deduct from the fees due the CONTRACTOR, or otherwise, recover the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

15. The CONTRACTOR further agrees to perform this Contract in accord with all federal, state and local laws and will not discriminate against, or give preferential treatment to, any person based on the person's actual or perceived race, color, religion, national origin, immigration status, sex, sexual orientation, gender identity, age, marital status, disability status, gender expression, familial status, education association, height, weight, or other criteria which is not relevant to the particular job. Breach of this provision may be regarded as material breach of the Agreement.

16. The CONTRACTOR further agrees not to discriminate against any employee or applicant for employment based on a person's actual or perceived race, color, religion, national origin, immigration status, sex, sexual orientation, gender identity, age, marital status, disability status, gender expression, familial status, education association, height, or weight (except insofar as it relates to a bonafide or occupational qualification reasonably necessary to the normal operation of the business). Breach of this provision may be regarded as material breach of the Agreement.

17. Permits. The CONTRACTOR shall secure and bear the cost of any permits or licenses of a temporary nature necessary for the prosecution of the work. In particular, he shall secure and bear the cost of shutting off and turning on public services of every nature which may be required by his operations. Where such discontinuance of service affects consumers, due and sufficient notice shall be served upon those so affected.

18. Improvement of Real Property or Performing Management Construction Services. In the event the contract provides for improvement of real property or performing management construction services as provided in MCLA 125.1591, the following provisions apply:

(A) A contract between CONTRACTOR and the CITY for an improvement as provided above shall contain the following provisions:

(a) That if a CONTRACTOR discovers one or both of the following physical conditions of the surface or subsurface at the improvement site, before disturbing the physical condition, the contractor shall promptly notify the CITY of the physical condition in writing:

(i) A subsurface or a latent physical condition at the site is differing materially from those indicated in the improvement contract.

(ii) An unknown physical condition at the site is of an unusual nature differing materially from those ordinarily encountered and generally recognized as inhering in work of the character provided for in the improvement contract.

(b) That if the CITY receives a notice under subdivision (A), the CITY shall promptly investigate the physical condition.

(c) That if the CITY determines that the physical conditions do materially differ and will cause an increase or decrease in costs or additional time needed to perform the contract, the CITY's determination shall be made in writing and an equitable adjustment shall be made and the contract modified in writing accordingly.

(d) That the CONTRACTOR cannot make a claim for additional costs or time because of a physical condition unless the CONTRACTOR has complied with the notice requirements of subdivision (A). The CITY may extend the time required for notice under subdivision (A).

(e) The CONTRACTOR cannot make a claim for an adjustment under the contract after the CONTRACTOR has received the final payment under the contract.

(B) If the CONTRACTOR does not agree with the CITY's determination, with the CITY's consent the CONTRACTOR may complete performance on the contract.

(C) At the option of the CITY, the CONTRACTOR and the CITY shall arbitrate the CONTRACTOR's entitlement to recover the actual increase in contract time and costs incurred because of the physical condition of the improvement site. The arbitration shall be conducted in accordance with the rules of the American Arbitration Association and judgment rendered may be entered in any court having jurisdiction.

19. American's With Disabilities Act Compliance. If this contract alters or resurfaces any streets, intersections, sidewalks, or curb ramps, CONTRACTOR shall

ensure that each portion of the project, to the maximum extent feasible, shall be altered in such manner that the altered portion of the facility is readily accessible to and usable by individuals with disabilities. Each project shall comply with the American's With Disabilities Act requirements, including 28 C.F.R. §§ 35.151(b),(c),(e)(1), and (e)(2) and 28 C.F.R. Part 36, App. A, the ADAAG.

Note: The City of Ypsilanti has chosen to follow the ADAAG standards rather than the UFAS standards. See United States Department of Justice ADA Title II Technical Assistance Manual, Section II-6.2100)

As used in this Section, the term "resurface" shall have the definition given by the United States Department of Justice Title II Technical Assistance Manual § II-6.6000 "Resurfacing beyond normal maintenance is an alteration. Merely filling potholes is considered to be normal maintenance."

As used in this Section, the term "to the maximum extent feasible" shall have the meaning set forth at 28 C.F.R. § 36.402(c).

As used in this Section, the term "readily accessible to and usable by persons with disabilities" shall have the meaning set forth at Section II-6.1000 of the US Department of Justice ADA Title II Technical Assistance Manual, and set forth at 28 CFR Appendix B Section 36.401.

20. Prevailing Wage. If the Contract is in amount in excess of \$25,000, all craftsmen, mechanics, and laborers (not including persons employed directly by the CITY) employed directly upon the site of the work shall receive at least the prevailing wages and fringe benefits of the building trades department for the corresponding classes of craftsmen, mechanics, and laborers, as determined and published by the Davis-Bacon division of the United States Department of Labor for the greater Ypsilanti Area. All subcontracts entered into by the CONTRACTOR for services or work under this Contract shall contain the provisions as set forth in this paragraph. CONTRACTOR and all subcontractors engaged in the performance of services or work under the Contract shall furnish proof, at the request of and satisfactory to the CITY, that the provisions of this paragraph are being complied with.

21. Living Wage.

A. (1) If this contract involves \$10,000, or more, Living Wages shall be paid according to the Ypsilanti Living Wage Ordinance (The Ordinance), being Chapter 2, Article VI, Division 4 of the City Code; and

(2) Suitable notices shall be posted in the work place; and

(3) Evidence of compliance including payroll records shall be provided to the Ypsilanti Personnel Department within 10 days of written request from the Ypsilanti Personnel Department.

B. In the event of violation of the provisions of The Ordinance or this contract this contract may be modified or terminated to comply with the provisions of The Ordinance, including withholding of moneys in amount equal to Living Wages not paid in accordance with The Ordinance and the City may also take action to recover the amount of the contract provided to any person found to have violated The Ordinance.

C. Any employee shall have a separate cause of action to enforce the provisions of this contract and The Ordinance and any rights conferred under The

Ordinance, in law and or equity, and any court of competent jurisdiction upon proper proof and the prevailing of the employee in such action, shall award actual damages, wage restitution, interest and actual attorney fees.

D. The City shall have the right to enforce this contract and The Ordinance in law or equity by court process including specific performance.

22. Minimum Wage.

A. (1) The CONTRACTOR must pay minimum wages to all employees according to the Minimum Wage Ordinance (The Ordinance), being Chapter 2, Article III, Division 3 of the City Code.

(2) The CONTRACTOR must post suitable notices in the work place.

(3) The CONTRACTOR must provide evidence of compliance, including payroll records, to the Ypsilanti Personnel Department within 10 days of written request from the Ypsilanti Personnel Department.

B. In the event of violation of the provisions of The Ordinance or this contract this contract may be modified or terminated to comply with the provisions of The Ordinance, including withholding of moneys in amount equal to Minimum Wages not paid in accordance with The Ordinance and the City may also take action to recover the amount of the contract provided to any person found to have violated The Ordinance.

C. Any employee shall have a separate cause of action to enforce the provisions of this contract and The Ordinance and any rights conferred under The Ordinance, in law and or equity, and any court of competent jurisdiction upon proper proof and the prevailing of the employee in such action, shall award actual damages, wage restitution, interest and actual attorney fees.

D. The City shall have the right to enforce this contract and The Ordinance in law or equity by court process including specific performance.

23. Not in Default to City. The CONTRACTOR hereby certifies that the CONTRACTOR is not in default to the CITY, and that there are no unpaid taxes, real or personal, owed to the CITY by the CONTRACTOR, and the CONTRACTOR has no other unfulfilled obligations to the CITY and is in compliance with all Ypsilanti City codes and ordinances. The parties understand that a breach of this provision is a material breach of the contract.

24. Except in amounts less than \$20 million, CONTRACTOR certifies that it, its successor, its parent company, or any of its subsidiaries or subunits does not engage in the practice of committing or contributing funds or property, extending credit, or contract for goods or services to develop petroleum resources, natural gas resources, or nuclear power in Iran.

25. Equal Employment Opportunity. If this Contract is funded in whole or part by monies derived from the Federal government (either directly or indirectly), CONTRACTOR shall comply with E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office

of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

26. Copeland "Anti-Kickback" Act. If this Contract in excess of \$2000 for construction or repair, and funded in whole or part by monies derived from the Federal government (either directly or indirectly), CONTRACTOR shall comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874), as supplemented by Department of Labor regulations (29 CFR part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or sub-recipient shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled.

27. Davis-Bacon Act. If this is a construction contract of more than \$2,000, or otherwise required by Federal program legislation, CONTRACTOR shall comply with the Davis-Bacon Act (40 U.S.C. 276a to a-7) and as supplemented by Department of Labor regulations (29 CFR part 5, "Labor Standards Provisions Applicable to Contracts Governing Federally Financed and Assisted Construction"). Under this Act, contractors shall be required to pay wages to laborers and mechanics at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages not less than once a week.

28. Contract Work Hours and Safety Standards Act. If this is a construction contract in excess of \$2000 or contract that involves the employment of mechanics or laborer in excess of \$2500, and funded in whole or part by monies derived from the Federal government (either directly or indirectly), CONTRACTOR shall comply with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), as supplemented by Department of Labor regulations (29 CFR part 5).

29. Rights to Inventions Made Under a Contract or Agreement. If this is a contract for the performance of experimental, developmental, or research work, and funded in whole or part by monies derived from the Federal government (either directly or indirectly), CONTRACTOR agrees to rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

30. Clean Air Act and the Federal Water Pollution Control Act. If this is a contract in excess of \$100,000, and funded in whole or part by monies derived from the Federal government (either directly or indirectly), CONTRACTOR agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et seq.).

31. Byrd Anti-Lobbying Amendment (31 U.S.C. 1352). If this is a contact above \$100,000, and funded in whole or part by monies derived from the Federal government (either directly or indirectly), CONTRACTOR certifies that it has not and will not use Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352 and further agrees to disclosure of any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award.

32. The Contract and its attachments, and this Addendum, are the sole Contract and Agreement between the parties. Any changes, additions or deletions shall not be effective or actionable unless they are in writing signed by the parties.

IN WITNESS WHEREOF, the undersigned have set their hands this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

CONTRACTOR

CITY OF YPSILANTI

BY: \_\_\_\_\_  
Print:  
Its:

BY: \_\_\_\_\_  
Darwin McClary  
City Manager

APPROVED AS TO FORM:

\_\_\_\_\_  
JOHN M. BARR P-10475  
Ypsilanti City Attorney

## Appendix E: City of Ypsilanti Affirmative Action Ordinance

Sec. 2-316. - Definitions.

The following words, terms and phrases when used in this division shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

*Affirmative action* means all of the various methods and procedures by which equal opportunity to employment without regard to race, national origin, religion, sex, sexual orientation, age or marital status may be legally effectuated.

*Age* means chronological age.

*Contractor* means:

- (1) A person who, by contract, furnishes services, materials or supplies.
- (2) Contractor does not include persons who are merely creditors or debtors of the city, such as those holding the city's notes or bonds or persons whose notes, bonds or stock are held by the city.
- (3) Provisions of this division shall not apply to persons who are sole proprietors of their business and who have no employees. Contracts for amounts not exceeding \$2,000.00 shall also be exempt from this division.

*Discriminate* means to make a decision, offer to make a decision or refrain from making a decision based in whole or in part on the race, national origin, religion, sex, sexual orientation, age or marital status of another person or that person's relatives or associates.

*Marital status* means the state of being married, unmarried, divorced or widowed.

*Minority* means a person who is black, a Native American or a Spanish American or Spanish-surnamed American or an Asian.

*Minority business enterprise* means a business enterprise of which more than 50 percent of the voting shares or interest in the business is owned, controlled and operated by individuals who are members of a minority, or who are women, and with respect to which more than 50 percent of the net profit or loss attributable to the business accrues to shareholders who are members of a minority or women.

*Religion* means all aspects of religious observance and practices as well as beliefs unless an employer demonstrates that he is unable to reasonably accommodate an employee's or a prospective employee's religious observance or a practice without undue hardship on the conduct of the employer's business.

*Sexual orientation* means male or female homosexuality, heterosexuality or bisexuality, by preference or practice.

(Code 1983, § 1.271)

**Cross reference**— Definitions generally, § 1-2.

Sec. 2-317. - Compliance program.

The city shall establish a program of contract compliance, whereby good faith efforts of prospective contractors and contractors to provide affirmative action are monitored.

(Code 1983, § 1.272)

Sec. 2-318. - Compliance officer; rules.

The city manager shall appoint a contract compliance officer. The contract compliance officer or his designee shall establish rules, regulations, or guidelines, that may be necessary to implement contract compliance.

(Code 1983, § 1.273)

Sec. 2-319. - Approval of contractors.

All contractors proposing to do business with the city, except those specifically exempt by regulations promulgated by the city manager, shall receive approval from the contract compliance officer prior to entering into a contract with the city.

(Code 1983, § 1.274)

Sec. 2-320. - Employment opportunity.

Contractors shall take affirmative action to ensure that applicants are employed and that employees are treated during employment in the manner which provides equal employment opportunity and tends to eliminate inequity based upon race, national origin, religion, sex, sexual orientation, age or marital status.

(Code 1983, § 1.275)

Sec. 2-321. - Contractor's agreement.

During the performance of a contract, the contractor agrees as follows: The contractor will not discriminate against any employee or applicant for employment because of race, national origin, religion, sex, sexual orientation, age or marital status. The contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, national origin, religion, sex, sexual orientation, age or marital status. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause per Presidential Executive Order Number 11246, Sub/Part B(i).

(Code 1983, § 1.276)

Sec. 2-322. - Information.

- (a) Each prospective contractor shall submit to the city, data showing current total employment by occupational category, sex and minority. The contractor will provide upon request and in a timely manner, all information the contract compliance officer deems necessary for evaluation of affirmative action, including providing access to all books, records and accounts pertaining to the contractor's employment practices.
- (b) If upon review of the aforementioned information, the contract compliance officer concludes that the prospective contractor's work force reasonably reflects the proportions of minorities and females in the labor force within the Ann Arbor—Ypsilanti standard metropolitan statistical area, such contractor will be deemed to have fulfilled the city's requirement for equal employment opportunity and will be considered an eligible bidder on city contracts.
- (c) Subsection (b) of this section shall not apply to any contract for which the contract compliance officer or his designee makes the determination that such provision cannot be fulfilled by minority business enterprises or minority group members or females located within a reasonable trade area determined in relation to the nature of work or services to be provided.
- (d) If, however, the contract compliance officer concludes that the prospective contractor's work force is deficient in representation of minorities and females compared to their proportional representation in the labor force of Ypsilanti—Ann Arbor standard metropolitan statistical area, the contractor will not

be deemed to have fulfilled the city's equal employment opportunity requirement and considered an ineligible bidder unless:

- (1) The contractor assures that ten percent of the total prime contract amount will be expended on services or supplies from minority business enterprises;
- (2) The contractor assures that ten percent of the total prime contract amount will be expended on services or supplies from persons employing at least 50 percent minorities, and that the contractor provides documentary evidence of such minority employment; or
- (3) The contractor agrees to work with the contract compliance officer to:
  - a. Set affirmative action goals, for each job category or division of the work force used in the completion of the work;
  - b. Provide periodic reports concerning the progress the contractor has made in meeting the affirmative action goals it has agreed to;
  - c. Permit the contract compliance officer access to all books, records and documents pertaining to its employment practices for the purpose of determining compliance with the affirmative action agreements.

The contract compliance officer will make a determination of reasonable progress in this direction using establishment criteria.

(Code 1983, § 1.277)

**Sec. 2-323. - Compliance monitoring.**

The contract compliance officer shall monitor the compliance of each contractor based upon the affirmative action agreement provisions of each contract. For instances of noncompliance, the contract compliance officer shall develop procedures and regulations which provide the contractor with notice of noncompliance. Such procedures and regulations shall include a provision for the posting of contractors not in compliance.

(Code 1983, § 1.278)

**Sec. 2-324. - Contract provisions.**

- (a) The city's contract shall provide further that breach of obligation to take affirmative action shall be a material breach of the contract for which the city shall be entitled, at its option, to do any or all of the following:
  - (1) To cancel, terminate or suspend the contract in whole or part or refuse to make any required periodic payments or both;
  - (2) Declare the contractor ineligible for the award of any future contracts with the city for a specified length of time;
  - (3) To recover liquidated damages of a specific sum, such sum to be that percentage of the labor expenditures for the time period involved which would have accrued to minority group members had the affirmative obligation not been breached;
  - (4) Impose for each day of noncompliance, liquidated damages of a specified sum, based upon the following schedule:

| Contract Amount | Assessed<br>Damages<br>Per Day of |
|-----------------|-----------------------------------|
|                 |                                   |

|                               | Noncompliance |
|-------------------------------|---------------|
| \$5,000.00—\$24,999.00        | \$ 25.00      |
| \$25,000.00—\$99,999.00       | 50.00         |
| \$100,000.00—\$199,999.00     | 100.00        |
| \$200,000.00—\$499,999.00     | 150.00        |
| \$500,000.00—\$1,499,999.00   | 200.00        |
| \$1,500,000.00—\$2,999,999.00 | 250.00        |
| \$3,000,000.00—\$4,999,999.00 | 300.00        |
| \$5,000,000.00 and above      | 500.00        |

- (b) In addition, the contractor shall be liable for any costs or expenses beyond the contract incurred by the city in obtaining from the other sources the work and services to be rendered or performed or goods or properties to be furnished or delivered to the city under this contract.

(Code 1983, § 1.279)

Sec. 2-325. - Initiation of prosecution for violation.

Prosecution for violation of this division may be initiated by complaint of the affected person or by the contract compliance officer on the basis of an investigation by that person.

(Code 1983, § 1.280)

Sec. 2-326. - Annual contract compliance report.

An annual contract compliance report shall be prepared and presented to city council by the first study session in July of each year, except for special reports requested by city council.

(Code 1983, § 1.281)

Sec. 2-327. - Local employees.

Contractors shall make good faith efforts to employ local persons so as to enhance the local economy.

(Code 1983, § 1.282)

Sec. 2-328. - Additional remedies.

Nothing contained in this division shall be deemed or construed to be substitute for or to abolish or impair existing, other or future legal remedies of the city or its officers or agencies, including criminal prosecutions under this or any other ordinance of the city or the laws of the state, even though such remedies may not be specifically enumerated or mentioned herein.

(Code 1983, § 1.283)

Sec. 2-329. - Penalties.

Where no specific penalty is provided for violation of any provision of this division, any person who shall violate any provision of this division shall be guilty of a misdemeanor and shall upon conviction be punished as provided in section 1-15.

(Code 1983, § 1.284)

Secs. 2-330—2-345. - Reserved.

**2019 RAMP PROGRAM  
CITY OF YPSILANTI, MI 48197**

**BIDS TO BE RECEIVED UNTIL 11:00 A.M., LOCAL TIME, WEDNESDAY SEPTEMBER 25, 2019**  
**AT THE CITY CLERK'S OFFICE**  
**LOCATED AT ONE SOUTH HURON STREET, YPSILANTI, MI, 48197**

**OHM Advisors  
34000 Plymouth Road  
Livonia, MI 48150**

**ADDENDUM NO. 1**  
**September 12, 2019**

The following changes, additions, and/or clarifications to the Contract Documents shall be incorporated in said documents and shall be allowed for in the unit prices bid by the Contractor such that the unit prices indicated in the Bid Form shall represent the conditions as set forth in the Contract Documents and this addendum. The bidder shall acknowledge the receipt of this addendum on page BF-1 of the BID FORM section.

This Addendum contains 1 page with 2 pages of attachments.

**CLARIFICATIONS**

1. Sheet BF-3 from the Bid Form shall be removed and the attached Bid Form sheet BF-3 shall be included into the Contract Documents.
2. Sheet 10 from Appendix E: City of Ypsilanti Contract Addendum shall be removed and the attached Appendix E: City of Ypsilanti Contract Addendum sheet 10 shall be included into the Contract Documents.

**End of Addendum No. 1**

**BID FORM for**  
**2019 Ramp Program**  
**City of Ypsilanti, Washtenaw County, State of Michigan**  
**OHM Job No.: 0094-19-0050**

| Item | Description                             | Estimated<br>Quantity | Unit | Price    | Amount   |
|------|-----------------------------------------|-----------------------|------|----------|----------|
| 1    | Mobilization, Max 10%                   | 1                     | LS   | \$ _____ | \$ _____ |
| 2    | Traffic Control and Maintenance         | 1                     | LS   | \$ _____ | \$ _____ |
| 3    | Curb and Gutter, Rem                    | 250                   | Ft   | \$ _____ | \$ _____ |
| 4    | Pavt, Rem                               | 40                    | Syd  | \$ _____ | \$ _____ |
| 5    | Sidewalk, Rem                           | 125                   | Syd  | \$ _____ | \$ _____ |
| 6    | HMA, 13A, Repair                        | 20                    | Ton  | \$ _____ | \$ _____ |
| 7    | Curb and Gutter, Conc, Det F3           | 120                   | Ft   | \$ _____ | \$ _____ |
| 8    | Curb Ramp Opening, Conc                 | 150                   | Ft   | \$ _____ | \$ _____ |
| 9    | Detectable Warning Surface              | 125                   | Ft   | \$ _____ | \$ _____ |
| 10   | Sidewalk Ramp, Conc, 6 inch             | 780                   | Sft  | \$ _____ | \$ _____ |
| 11   | Sidewalk, Conc, 4 inch                  | 650                   | Sft  | \$ _____ | \$ _____ |
| 12   | Pavt Mrkg, Polyurea, 6 inch, Crosswalk  | 550                   | Ft   | \$ _____ | \$ _____ |
| 13   | Pavt Mrkg, Polyurea, 12 inch, Crosswalk | 180                   | Ft   | \$ _____ | \$ _____ |
| 14   | Surface Restoration                     | 220                   | Syd  | \$ _____ | \$ _____ |

**Total Bid Amount (ITEM 1-14 incl.):** \$ \_\_\_\_\_

BF-03

0094-19-0050

of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352 and further agrees to disclosure of any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award.

32. The Contract and its attachments, and this Addendum, are the sole Contract and Agreement between the parties. Any changes, additions or deletions shall not be effective or actionable unless they are in writing signed by the parties.

IN WITNESS WHEREOF, the undersigned have set their hands this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

CONTRACTOR

CITY OF YPSILANTI

BY: \_\_\_\_\_  
Print:  
Its:

BY: \_\_\_\_\_  
Frances McMullan  
City Manager

APPROVED AS TO FORM:

\_\_\_\_\_  
JOHN M. BARR P-10475  
Ypsilanti City Attorney

A RESOLUTION PROVIDING MUNICIPALITIES IN WASHTENAW COUNTY WITH A MODEL  
PET ACQUISITION ORDINANCE

WASHTENAW COUNTY BOARD OF COMMISSIONERS

September 18, 2019

WHEREAS, many Michigan residents oppose the sale of dogs and cats from mass breeding facilities due to documented neglect at commercial animal breeding facilities, which are often known as puppy and kitten mills. The abuses are well documented and include over-breeding; inbreeding; minimal to non-existent veterinary care; lack of adequate food, water and shelter; lack of socialization; lack of adequate space; and the euthanasia of unwanted animals; and

WHEREAS, the inhumane conditions in these facilities can lead to health and behavioral issues with the animals, which many consumers are unaware of when purchasing animals from pet stores and online retailers due to both a lack of education on the issue and misleading tactics of sellers in many cases; and

WHEREAS, health and behavioral issues, which may not present themselves until years after the purchase of the animals, can impose exorbitant financial and emotional costs on Michigan families; and

WHEREAS, current Federal and State regulations do not properly address the sale of dogs and cats in pet shops, while Michigan does not possess adequate resources to safeguard the health and well-being of dogs and cats at the point of sale; and

WHEREAS, in 2009, the Michigan Department of Agriculture and Rural Development (MDARD) stopped funding the Pet Store Program, leaving regulations to be enforced locally; and

WHEREAS, in 2010, the U.S. Department of Agriculture (USDA) Office of the Inspector General (OIG) released a report criticizing the USDA's long history of lax oversight of commercial dog breeders under the Animal Welfare Act. The report found that USDA inspectors failed to cite or properly document inhumane treatment and brought little to no enforcement actions against violators; and

WHEREAS, in 2018 the USDA issued an update on the agency's enforcement of the Animal Welfare Act (AWA) revealing a steep decline in disciplinary actions taken against commercial breeders; and

WHEREAS, in 2017, the Centers for Disease Control (CDC) completed a multi-state investigation of a *Campylobacter* outbreak including 118 cases across 18 states reporting 26 hospitalizations. The vast majority of those individuals sickened reported they had contact with a puppy from a Petland store; and

WHEREAS, in 2017, the USDA suddenly removed tens of thousands of animal welfare records from its publicly accessible website. These documents described violations at federally licensed animal facilities—including commercial dog breeders, zoos and research labs—and any resulting enforcement actions taken by the USDA. Without access to these records it is impossible to learn which facilities are failing to comply with animal-protection laws; and

WHEREAS, in 2017 The American Society for the Prevention of Cruelty to Animals (ASPCA) issued consumer alerts through the Better Business Bureau and media outlets warning families about predatory financing practices including “pet leasing” where the puppies are held as collateral. Two Michigan pet stores offer pet leasing: The Barking Boutique (Grandville) and The Family Puppy (Flint, Troy, Novi), resulting in complaints filed with the BBB; and

WHEREAS, in 2018 three lawsuits were filed against Petland Novi including twenty-five plaintiffs for multiple violations of the Consumer Protection Act. Puppies were sold with genetic defects, infections and some had highly contagious diseases, costing the plaintiffs thousands of dollars in veterinary care. One man was hospitalized after purchasing a puppy infected with Campylobacter; and

WHEREAS, in the United States, over 280 cities, as well as the states of California and Maryland, have enacted ordinances addressing the sale of dogs and cats, including Boston, Massachusetts; Albuquerque, New Mexico; Austin, Texas; and Chicago, Illinois; and

WHEREAS, across the country, thousands of independent pet stores, as well as, large chains operate profitably with a business model focused on the sale of pet services and supplies and not on the sale of dogs and cats, and many of these stores collaborate with local animal shelter and rescue organizations to offer space and support for showcasing adoptable homeless pets on their premises. In 2012, more than 100 Michigan pet supply stores took a pledge to not sell canines or felines; and

WHEREAS, Washtenaw County contracts directly with the Humane Society of Huron Valley (HSHV) to house and care for local stray, abandoned and abused animals as a part of its animal care and control duties required by Michigan law; and

WHEREAS, Washtenaw County is committed to no-kill animal sheltering, whereby healthy and treatable companion animals are saved rather than euthanized; and

WHEREAS, HSHV takes in roughly 4,000 animals annually from Washtenaw County alone who are in need of re-homing when they cannot be returned to their original owners; and

WHEREAS Washtenaw County residents can adopt companion animals at HSHV or other shelters and certified foster-based rescues including rabbits, birds, chinchillas, ferrets and reptiles; and

WHEREAS, there is a large financial benefit to consumers who adopt animals, as the \$50-\$350 fee charged by HSHV and other shelters and certified foster-based rescues is significantly lower than the cost of purchasing a dog or cat from a pet store; and

WHEREAS, unlike the cost to purchase at a pet store, adoption fees at HSHV and other shelters and certified foster-based rescues typically include sterilization, rabies and other core vaccinations, veterinary health checks, behavior evaluations, and microchips to protect public health and safety and reduce Washtenaw County animal care and control costs related to overpopulation, lost animals and bite quarantine; and

WHEREAS, unlike pet store, adopters at HSHV receive adoption education/counseling and post-adoption support services to encourage responsible ownership and are able to return adopted animals if the adopter can no longer care for the animal; and

WHEREAS, HSHV, along with other local law enforcement including the Washtenaw County Sheriff's Department, investigates and enforces animal cruelty laws, and have received multiple complaints regarding the care and condition of animals at a local pet store and sold through online and irresponsible breeders; and

WHEREAS, the large-scale seizure of animals from cruelty cases by irresponsible breeders often require lengthy hold times and expensive medical treatment creating an excessive space and cost burden on the County animal sheltering system; straining response to the everyday needs of the community and its lost, unwanted, abandoned and orphaned pet population; and

WHEREAS, Michigan is the only state offering a certification program for foster-based rescues that promotes best practices and a code of ethics, and many families who prefer to work with local breeders can obtain referrals through their veterinary clinic and local breed clubs; and

WHEREAS, the code of ethics for a Michigan-based dog breeding organization states that breeders should refuse to deal knowingly with dog retailers and wholesalers; and

WHEREAS, this ordinance is not intended to limit the ability of consumers to work with reputable breeders, where they can see directly the conditions in which the dogs or cats are bred or can confer directly with the breeder concerning those conditions; and

WHEREAS, it is in the best interest of the Washtenaw County communities to adopt reasonable regulations to help prevent inhumane breeding conditions, promote community awareness of animal welfare, and foster a more humane environment in the state.

NOW THEREFORE BE IT RESOLVED, the County shall share the attached draft Humane Pet Acquisition Ordinance to assist local municipalities in protecting the citizens of the County who may purchase cats or dogs from a pet store or other business establishment, promoting community awareness of animal welfare, fostering a more humane environment in the County and reducing costs to the County, the local communities and the residents; and

BE IT FURTHER RESOLVED that copies of this resolution will be provided to elected municipal bodies in Washtenaw County, Washtenaw County elected officers, the Michigan Department of Agriculture and Rural Development, and the Humane Society of Huron Valley.

| COMMISSIONER | Y | N | A | COMMISSIONER | Y | N | A | COMMISSIONER | Y | N | A |
|--------------|---|---|---|--------------|---|---|---|--------------|---|---|---|
| Beeman       | X |   |   | LaBarre      | X |   |   | Shink        | X |   |   |
| Brabec       | X |   |   | Maciejewski  | X |   |   |              |   |   |   |
| Jamnick      | X |   |   | Morgan       | X |   |   |              |   |   |   |
| Jefferson    | X |   |   | Scott        | X |   |   |              |   |   |   |

CLERK/REGISTER'S CERTIFICATE - CERTIFIED COPY

ROLL CALL VOTE:

9 0 0

STATE OF MICHIGAN )

I, Lawrence Kestenbaum, Clerk/Register of said County of Washtenaw and Clerk of Circuit Court for said County, do hereby certify that the foregoing is a true and accurate copy of a resolution adopted by the Washtenaw County Board of Commissioners at a session held at the County Administration Building in the City of Ann Arbor, Michigan, on September 18<sup>th</sup>, 2019, as it appears of record in my office.

COUNTY OF WASHTENAW)<sup>SS.</sup>

In Testimony Whereof, I have hereunto set my hand and affixed the seal of said Court at Ann Arbor, this 19<sup>th</sup> day of September, 2019.

LAWRENCE KESTENBAUM, Clerk/Register

BY: \_\_\_\_\_ Deputy Clerk



Res. No. 19-167



## **The Humane Pet Acquisition Proposal Draft Ordinance for Washtenaw County Municipalities**

Pet retail ordinances are intended to protect the public from fraud, with respect to pet origin and health, animals from neglect in retail stores and deter the sale of commercially bred animals with illnesses and genetic issues.

The Humane Pet Acquisition Ordinance prohibits the retail sale of puppies, kittens, rabbits, ferrets, long-lived birds (over 25 years life expectancy), and large reptiles (alligators and constrictor snakes over 72 inches long).

- Excludes breeders selling directly to the public and nonprofit organizations.
- Includes offsite retail sales, such as on the roadside, parking lots, and at flea markets.
- Includes online sellers which are reselling animals obtained from a broker or breeder.
- Addresses faux rescue organizations sourcing to pet stores.
- Includes disclosure through a Certificate of Origin.

Adopting this ordinance would promote only humane business models that utilize non-profit organizations which are primarily responsible for the care and placement of the animal.

**1. Definitions.** For purposes of this ordinance, the following definitions shall apply:

**A. Animal Control Shelter:** A Michigan facility operated by a municipality for the impoundment and care of animals that are found in the streets or at large, animals that are otherwise held due to violations of a municipal ordinance or state law, or animals that are surrendered to the Animal Control Shelter, as defined under MGL 287.331 (f).

**B. Animal Protection Shelter:** A Michigan facility operated by a person, humane society, a society for the prevention of cruelty to animals, or another nonprofit organization for the care of homeless animals, as defined under MGL 287.331 (g).

“Animal Protection Shelter” does not include any entity which: (1) is located on the same premises as a person, as defined under MGL 287.331(q), that breeds dogs, cats, rabbits, ferrets, long-lived birds, or large reptiles; (2) has any personnel in common with such a person, including but not limited to, any employee, manager, or board member; (3) obtains any dogs, cats, ferrets, rabbits long-lived birds, or large reptiles from such a person; or (4) facilitates the sale of dogs, cats, rabbits, ferrets, long-loved birds, or large reptiles that were obtained from such a person.

**C. Animal Rescue Organization:** Any not-for-profit organization which has tax-exempt status under Section 501(c)(3) of the United States Internal Revenue Code, and whose mission and practice is, in whole or in significant part, the rescue and placement of animals in permanent homes. “Animal rescue organization” does not include any entity which: (1) is located on the same premises as a person, as defined under MGL 287.331(q), that breeds dogs, cats, rabbits, ferrets, long-lived birds, or large reptiles; (2) has any personnel in common with such a person, including but not limited to, any employee, manager, or board member; (3) obtains any dogs, cats, ferrets, rabbits long-lived birds, or large reptiles from such a person; or (4) facilitates the sale of dogs, cats, rabbits, ferrets, long-loved birds, or large reptiles that were obtained from such a person.

**D. Cat:** An animal of the Felidae family of the order Carnivora.

**E. Certificate of Origin:** A document declaring the source of the animal sold or transferred by the retail seller. The certificate shall include the name and premise address of the source of the animal.

**F. Dog:** An animal of the Canidae family of the order Carnivora.

**G. Existing Pet Store:** Any pet store that displayed, sold, delivered, offered for sale, offered for adoption, bartered, auctioned, or otherwise transferred live animals in Washtenaw County on the effective date of this ordinance and

complied with all applicable provision of the Washtenaw County <sup>LS1</sup>municipal code.

**H. Ferret:** A domesticated animal of any age of the species *Mustela furo*.

**I. Large Reptiles:** Members of the class reptilian, including, but not limited to, monitor lizards, alligators, pythons, boa constrictors, venomous reptiles, and constrictor snakes that grow to more than 72 inches long.

**J. Long-Lived Birds:** Any bird whose life expectancy is expected to exceed 25 years, including, but not limited to, cockatoos, macaws, and amazons.

**K. Off-Site Retail Sale:** The exchange of consideration for an animal, regardless of the age, of the animal at a location other than where the animal was bred.

**L. Offer for sale:** To sell, exchange for consideration, advertise for the sale of, barter, auction, offer for adoption, trade or deliver a dog, cat, rabbit, ferret, long-lived bird, or large reptile.

**M. Pet Store:** A place where animals that are not bred on the premises are sold or offered for sale.

**N. Rabbit:** A long-eared short-tailed lagomorph mammal with long hind legs of the Leporidae family.

**O. Retail Sale:** An offer for sale, offer for adoption, barter, auction, display for commercial purposes, or otherwise transfer of any animal that is not bred on the premises.

**P. Zoological Park:** Any facility, other than a pet store or kennel, displaying or exhibiting one or more species of non-domesticated animals operated by a person, partnership, corporation, and other business entity or government agency and certified by the Association of Zoos and Aquariums.

## **2. Prohibited**

**A. Pet store sales:** No pet store shall offer for sale, as defined in this ordinance, or otherwise transfer or dispose of dogs, cats, ferrets, rabbits, long-lived birds, or large reptiles. Nothing in this section shall prevent a pet store or its owner, operator or employees from providing space and appropriate care for animals owned by an animal control shelter, animal protection shelter, or an animal rescue organization, as defined in this ordinance, and maintained at the pet store for the purpose of adopting those animals to the public.

**B. Roadside and flea market sales:** No person or business entity shall offer for sale, as defined in this ordinance, dogs, cats, ferrets, rabbits, long-lived birds, or

large reptiles on a roadside, public right-of-way, commercial parking lot, outdoor special sale, swap meet, flea market, or other similar event.

**C. Offsite retail sales:** No person, breeder or business entity shall hold off-site retail sales, as defined in this ordinance, of animals at a location other than where the animal was bred.

**D.** A pet store shall not sell or transfer any live animal without providing disclosure through a Certificate of Origin prior to the sale or transfer.

**E.** No person shall knowingly provide or present an inaccurate Certificate of Origin.

**3. Exemptions. This ordinance does not apply to:**

**A. Animals bred and reared on the premises:** A person or business entity that offers for sale, dogs, cats, ferrets, rabbits, long-lived birds, or large reptiles that were bred and reared on the premises of the person or business entity.

**B. Animal shelters and nonprofit organizations:** A publicly operated animal control shelter, animal protection shelter, animal rescue organization, or zoological park, as defined in this ordinance.

**4. Existing Pet Store:** An existing pet store may continue to display and offer for sale, dogs, cats, ferrets, rabbits, long-lived birds, or large reptiles until [ insert date ].

**5. Criminal Penalties:** A person who violates any provision of this ordinance is guilty of a misdemeanor punishable by incarceration for not more than [insert time] days or a fine of not more [insert monetary amount], or community service for not more than [ \_\_\_\_ hours], or any combination of these penalties and the costs of prosecution.

**6. Effective Date.** This ordinance shall be effective 10 days after publication following adoption.



Resolution No. 2019-226  
October 1, 2019

**RESOLVED BY THE COUNCIL OF THE CITY OF YPSILANTI:**

**That the City Council Meeting be adjourned, on call, by the Mayor or three (3) members of Council.**

OFFERED BY: \_\_\_\_\_

SECONDED BY: \_\_\_\_\_

YES:                                      NO:                                      ABSENT:                                      VOTE:

This resolution is adopted by the Council of the City of Ypsilanti and approved by the Mayor this  
1 day of October 2019

#Resolution No. 2019-226