

## NOTICE TO BIDDERS ADDENDUM NO. 2

This Addendum changes the terms of the Bid Proposal and/or plans associated with the Monroe County Road Commission project indicated below. By submitting a bid, any and all changes included in this Addendum are made a part of the contract.

**MCRC Project No.:** 459-007-179008 and 459-007-189048  
**Project Description:** Hurd Road and Vivian Road Drainage Improvements  
**Bid Date:** Tuesday, May 1, 2018 at 10:00 a.m.  
**Addendum Date:** 04/27/2018

### DESCRIPTION OF CHANGES:

- Plans**            1) **Delete** plan sheet 2 for Vivian Road and **Replace** with the attached revised plan sheet 2 for Vivian Road dated 04/27/2018 that incorporates the following revisions:
- a. The profile of the proposed storm sewer was revised to avoid a conflict with the Michigan Gas Utilities 12" high pressure gas main at Sta 47+14.
  - b. The 12" high pressure gas main at Sta 47+14 was added to the profile view.
  - c. The estimated quantities for the following items of work were revised in the Quantities This Sheet table:
    - i. Exploratory Investigation, Vertical was revised from 14 Ft to 6 Ft
    - ii. Sewer, CPP, 12 inch, Tr Det A was revised from 355 Ft to 398 Ft
    - iii. Sewer, CPP, 12 inch, Tr Det B was revised from 221 Ft to 140 Ft
    - iv. Flowable Fill, Non-Structural was deleted
- Proposal**        2) **Delete** the Schedule of Items on pages 8 through 11 and **Replace** with the attached revised Schedule of Items that incorporates the following quantity revisions for Vivian Road:
- i. Exploratory Investigation, Vertical was revised from 14 Ft to 6 Ft
  - ii. Sewer, Corrugated Polypropylene, 12 inch, Tr Det A was revised from 355 Ft to 398 Ft
  - iii. Sewer, Corrugated Polypropylene, 12 inch, Tr Det B was revised from 221 Ft to 140 Ft
  - iv. Flowable Fill, Non-Structural was deleted
- Proposal**        3) **Add** the attached special provision for Non-Structural Flowable Fill

### COMMUNICATIONS

Any questions regarding this addendum shall be directed to the person listed below:

Name: Christine Herron  
Phone: 734-240-5109  
Email: [CHerron@mcrc-mi.org](mailto:CHerron@mcrc-mi.org)

**NOTICE TO BIDDERS  
ADDENDUM NO. 2**

ACKNOWLEDGEMENT

Acknowledge receipt of this addendum by completing the information below and returning the addendum to the Monroe County Road Commission via email to [CHerron@mcrc-mi.org](mailto:CHerron@mcrc-mi.org) or by fax to 734-240-5131.

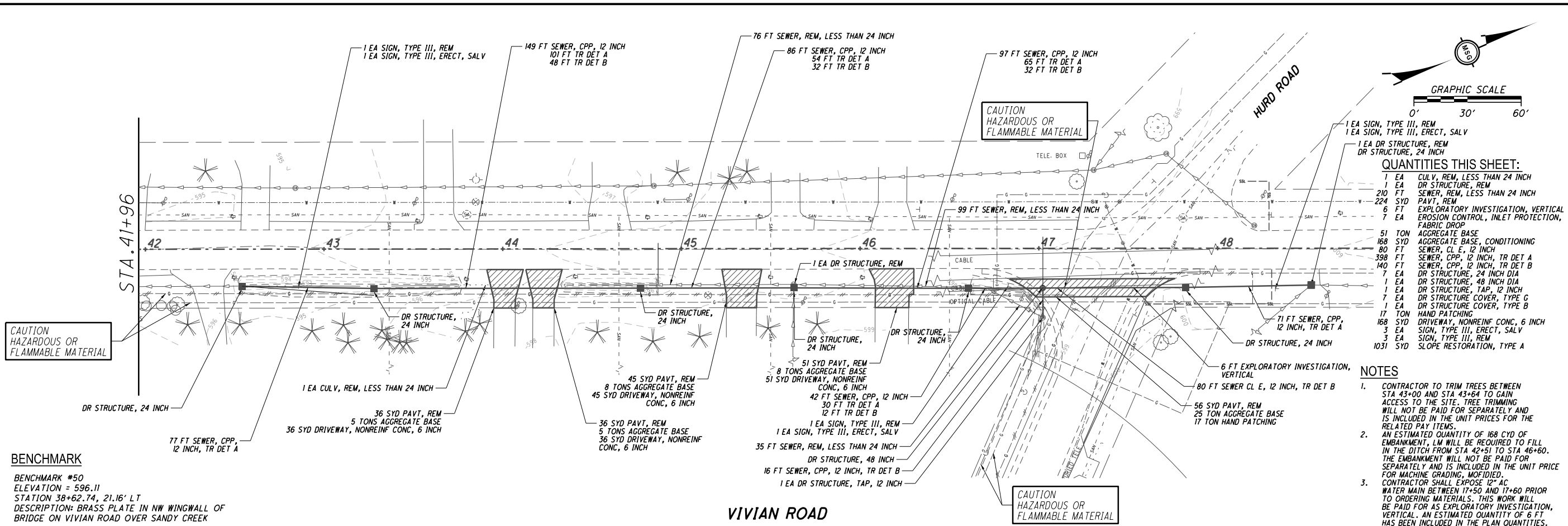
Company: \_\_\_\_\_

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

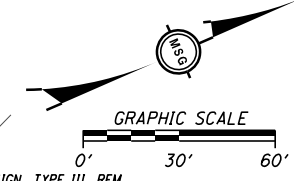
Date: \_\_\_\_\_

The Contractor shall also acknowledge any and all addendums in the space provided on page 8 of the proposal prior to submitting the bid.

S:\Projects\Project F - J\FUNCTIONAL\ADMINISTRATION\FUNCTIONAL\Phase 52\_40\Drawings\Road\Projects\FUNCTIONAL\Hurd\CAD\PLANS\FUNCTIONAL\_Vivian and Hurd\CAD\PLANS\FUNCTIONAL\_Vivian and Hurd\PP01.dgn



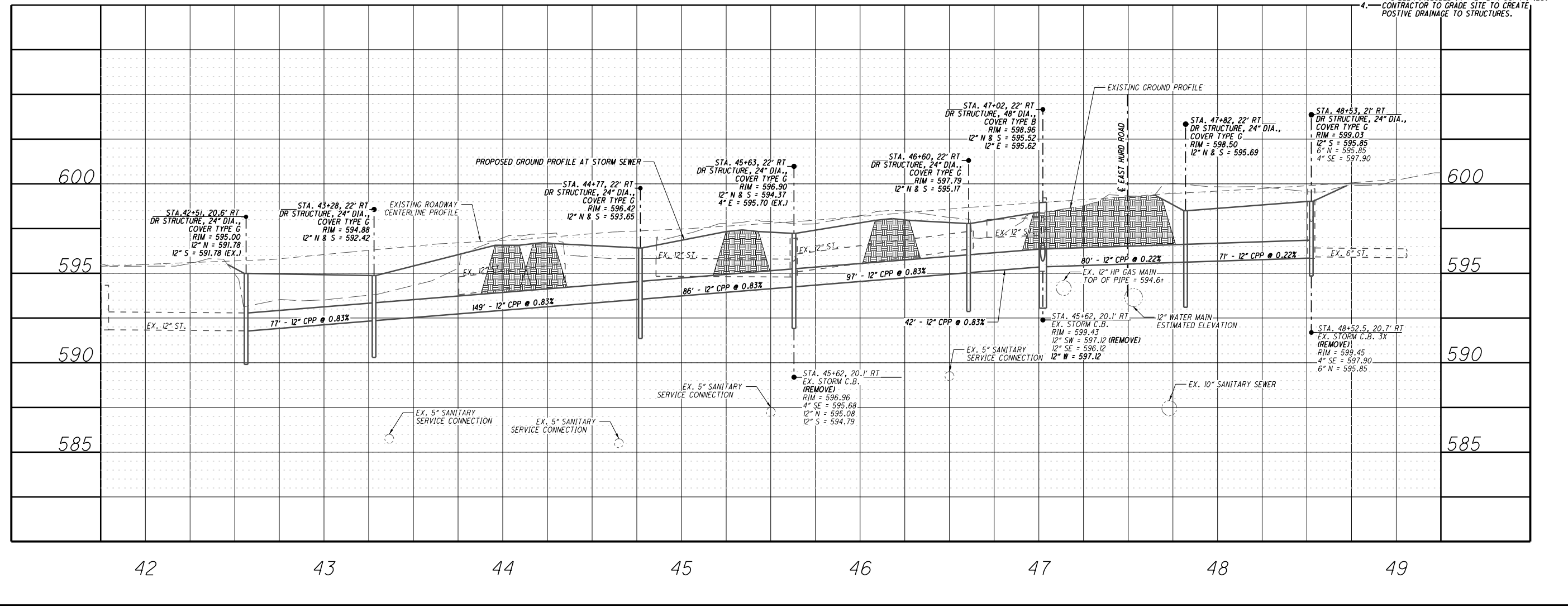
**BENCHMARK**  
 BENCHMARK #50  
 ELEVATION = 596.11  
 STATION 38+62.74, 21.16' LT  
 DESCRIPTION: BRASS PLATE IN NW WINGWALL OF BRIDGE ON VIVIAN ROAD OVER SANDY CREEK



**QUANTITIES THIS SHEET:**

7	EA	CULV, REM, LESS THAN 24 INCH
210	EA	DR STRUCTURE, REM
224	SYD	PAVT, REM, LESS THAN 24 INCH
6	FT	EXPLORATORY INVESTIGATION, VERTICAL
7	EA	EROSION CONTROL, INLET PROTECTION, FABRIC DROP
51	TON	AGGREGATE BASE
168	SYD	AGGREGATE BASE, CONDITIONING
80	FT	SEWER, CL E, 12 INCH
398	FT	SEWER, CPP, 12 INCH, TR DET A
140	FT	SEWER, CPP, 12 INCH, TR DET B
7	EA	DR STRUCTURE, 24 INCH DIA
1	EA	DR STRUCTURE, 48 INCH DIA
1	EA	DR STRUCTURE, TAP, 12 INCH
7	EA	DR STRUCTURE COVER, TYPE G
1	EA	DR STRUCTURE COVER, TYPE B
17	TON	HAND PATCHING
168	SYD	DRIVEWAY, NONREIN CONC, 6 INCH
3	EA	SIGN, TYPE III, ERECT, SALV
3	EA	SIGN, TYPE III, REM
1031	SYD	SLOPE RESTORATION, TYPE A

- NOTES**
- CONTRACTOR TO TRIM TREES BETWEEN STA 43+00 AND STA 43+64 TO GAIN ACCESS TO THE SITE. TREE TRIMMING WILL NOT BE PAID FOR SEPARATELY AND IS INCLUDED IN THE UNIT PRICES FOR THE RELATED PAY ITEMS.
  - AN ESTIMATED QUANTITY OF 168 CYD OF EMBANKMENT, LM WILL BE REQUIRED TO FILL IN THE DITCH FROM STA 42+51 TO STA 46+60. THE EMBANKMENT WILL NOT BE PAID FOR SEPARATELY AND IS INCLUDED IN THE UNIT PRICE FOR MACHINE GRADING, MODIFIED. CONTRACTOR SHALL EXPOSE 12" AC WATER MAIN BETWEEN 17+50 AND 17+60 PRIOR TO ORDERING MATERIALS. THIS WORK WILL BE PAID FOR AS EXPLORATORY INVESTIGATION, VERTICAL. AN ESTIMATED QUANTITY OF 6 FT HAS BEEN INCLUDED IN THE PLAN QUANTITIES. CONTRACTOR TO GRADE SITE TO CREATE POSTIVE DRAINAGE TO STRUCTURES.



NO.	DATE	BY	DESCRIPTION
1	4/22/2018	SLB	PRELIMINARY SUBMITTAL TO MDCRC
2	4/13/2018	SLB	FINAL PLANS
3	4/17/2018	SLB	ADDENDUM NO. 1
4	4/27/2018	SLB	ADDENDUM NO. 2

PROJECT NO.	04172018
PROJECT NAME	FVWNBICR
DRAWN BY	KHW
CHECKED BY	SLB

TECHNICAL SKILL	CREATIVE SPIRIT.
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PREPARED FOR: FRENCHTOWN CHARTER TOWNSHIP

VIVIAN ROAD DRAINAGE  
 FRENCHTOWN CHARTER TOWNSHIP  
 MONROE COUNTY, MI

2744 VIVIAN ROAD  
 MONROE, MI 48162

Mannik  
 Smith  
 GROUP  
 www.MannikSmithGroup.com

PLAN AND PROFILE

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**MONROE COUNTY ROAD COMMISSION  
HURD ROAD AND VIVIAN ROAD DRAINAGE IMPROVEMENTS**

TO: Board of County Road Commissioners of Monroe County, Michigan

The undersigned, having full knowledge of the site, proposal, plans and specifications for the **Hurd Road and Vivian Road Drainage Improvements** project in Frenchtown Township, Monroe County, Michigan including Bidders' Addenda 1 & 2, and the conditions of these Contract Documents, hereby agrees to furnish all services, labor, materials, tools, equipment, transportation, and incidentals necessary to perform the entire Work; to complete the contract by the date specified in the Instructions to Bidders and General Provisions, according to the Proposal, Plans and Specifications; and to accept in full, compensation for all work necessary to complete the project at the unit prices named below:

<b>UNIT PRICE WORK – HURD ROAD</b>					
Item Code	Item Description	Approx. Quantity	Unit	Unit Price	Bid Amount
1500001	Mobilization, Max \$6,000.00	1	LSUM	\$	\$
2030001	Culv, Rem, Less than 24 inch	2	Ea	\$	\$
2030015	Sewer, Rem, Less than 24 inch	545	Ft	\$	\$
2040050	Pavt, Rem	142	Syd	\$	\$
2050016	Excavation, Earth	1,105	Cyd	\$	\$
2080020	Erosion Control, Inlet Protection, Fabric Drop	4	Ea	\$	\$
3020001	Aggregate Base	35	Ton	\$	\$
3020050	Aggregate Base, Conditioning	197	Syd	\$	\$
4010094	Culv End Sect, Metal, 12 inch	6	Ea	\$	\$
4021230	Sewer Bulkhead, 12 inch	1	Ea	\$	\$
4027001	Sewer, Corrugated Polypropylene, 12 inch, Tr Det A	600	Ft	\$	\$
4027001	Sewer, Corrugated Polypropylene, 12 inch, Tr Det B	196	Ft	\$	\$
4027050	Standard Flap Gate, 12 inch	1	Ea	\$	\$
4030040	Dr Structure Cover, Type G	4	Ea	\$	\$
4030200	Dr Structure, 24 inch dia	3	Ea	\$	\$

4030210	Dr Structure, 48 inch dia	1	Ea	\$	\$
4030312	Dr Structure, Tap, 12 inch	2	Ea	\$	\$
5010005	HMA Surface, Rem	85	Syd	\$	\$
5010009	Edge Trimming	94	Ft	\$	\$
5010025	Hand Patching	8	Ton	\$	\$
5010061	HMA Approach	10	Ton	\$	\$
8010005	Driveway, Nonreinf Conc, 6 inch	142	Syd	\$	\$
8120022	Barricade, Type III, High Intensity, Lighted, Furn	7	Ea	\$	\$
8120023	Barricade, Type III, High Intensity, Lighted, Oper	7	Ea	\$	\$
8120170	Minor Traf Devices	1	LSUM	\$	\$
8120350	Sign, Type B, Temp, Prismatic, Furn	231	Sft	\$	\$
8120351	Sign, Type B, Temp, Prismatic, Oper	231	Sft	\$	\$
8120352	Sign, Type B, Temp, Prismatic, Special, Furn	12	Sft	\$	\$
8120353	Sign, Type B, Temp, Prismatic, Special, Oper	12	Sft	\$	\$
8120370	Traf Regulator Control	1	LSUM	\$	\$
8160100	Slope Restoration, Type A	3,590	Syd	\$	\$
8260148	Flowable Fill, Non-Structural	14	Cyd	\$	\$
<b>Hurd Road Subtotal =</b>					<b>\$</b>

<b>UNIT PRICE WORK – VIVIAN ROAD</b>					
Item Code	Item Description	Approx. Quantity	Unit	Unit Price	Bid Amount
1500001	Mobilization, Max \$4,000.00	1	LSUM	\$	\$

2030001	Culv, Rem, Less than 24 inch	1	Ea	\$	\$
2030011	Dr Structure, Rem	1	Ea	\$	\$
2030015	Sewer, Rem, Less than 24 inch	210	Ft	\$	\$
2040050	Pavt, Rem	224	Syd	\$	\$
2040080	Exploratory Investigation, Vertical	6	Ft	\$	\$
2057002	Machine Grading, Modified	6	Sta	\$	\$
2080020	Erosion Control, Inlet Protection, Fabric Drop	7	Ea	\$	\$
3020001	Aggregate Base	51	Ton	\$	\$
3020050	Aggregate Base, Conditioning	168	Syd	\$	\$
4020600	Sewer, CI E, 12 inch, Tr Det B	80	Ft	\$	\$
4027001	Sewer, Corrugated Polypropylene, 12 inch, Tr Det A	398	Ft	\$	\$
4027001	Sewer, Corrugated Polypropylene, 12 inch, Tr Det B	140	Ft	\$	\$
4030010	Dr Structure Cover, Type B	1	Ea	\$	\$
4030040	Dr Structure Cover, Type G	7	Ea	\$	\$
4030200	Dr Structure, 24 inch dia	7	Ea	\$	\$
4030210	Dr Structure, 48 inch dia	1	Ea	\$	\$
4030312	Dr Structure, Tap, 12 inch	1	Ea	\$	\$
5010025	Hand Patching	17	Ton	\$	\$
8010005	Driveway, Nonreinf Conc, 6 inch	168	Syd	\$	\$
8100402	Sign, Type III, Erect, Salv	3	Ea	\$	\$
8100403	Sign, Type III, Rem	3	Ea	\$	\$
8120022	Barricade, Type III, High Intensity, Lighted, Furn	10	Ea	\$	\$

8120023	Barricade, Type III, High Intensity, Lighted, Oper	10	Ea	\$	\$
8120030	Channelizing Device, 42 inch, Furn	20	Ea	\$	\$
8120031	Channelizing Device, 42 inch, Oper	20	Ea	\$	\$
8120170	Minor Traf Devices	1	LSUM	\$	\$
8120350	Sign, Type B, Temp, Prismatic, Furn	294	Sft	\$	\$
8120351	Sign, Type B, Temp, Prismatic, Oper	294	Sft	\$	\$
8120370	Traf Regulator Control	1	LSUM	\$	\$
8160100	Slope Restoration, Type A	1,031	Syd	\$	\$
<b>Vivian Road Subtotal =</b>					<b>\$</b>
<b>Total Bid (Hurd Road + Vivian Road) =</b>					<b>\$</b>

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

Printed Name and Title: \_\_\_\_\_

Quantities are not guaranteed. Final payment will be based on actual quantities.

Bidder agrees that the work will be completed and ready for final payment in accordance with the General Conditions. All work on the **Hurd Road and Vivian Road Drainage Improvements** contract is to be completed by **August 31, 2018** as detailed in the Time of Completion section above.

Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the work on time.

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

Required Bid Security in the form of either:

Certified Check or a Bidder's Bond in the amount of:

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

MICHIGAN  
DEPARTMENT OF TRANSPORTATION  
  
SPECIAL PROVISION  
FOR  
**NON-STRUCTURAL FLOWABLE FILL**

C&T:TES

1 of 1

C&T:APPR:DMG:JAB:08-17-11

**a. Description.** This work consists of furnishing and placing non-structural flowable fill for abandoning pipes and miscellaneous structures; constructing miscellaneous bulkheads or forms; and backfilling. This specification is not intended to address flowable fill used as structural backfill.

**b. Materials.** Supply non-structural flowable fill consisting of a mixture of Portland cement, fly ash, sand (2NS) and water. Use materials conforming to the standard specifications except as modified by this special provision. All non-structural flowable fill is intended to be removable using conventional mechanical excavation methods.

Use either Type I or IA Portland cement conforming to section 901 of the Standard Specifications for Construction and Class F or C fly ash as specified by ASTM C 618 except that there is no limit on loss on ignition.

Produce a mix of cement, fly ash, sand and water in the following proportions.

Portland Cement	50 lb/cyd
Fly Ash	500 lb/cyd
Sand	2850 lb/cyd
Water	approx. 376 lb/cyd (sufficient to produce desired flowability)

**c. Construction.** Produce and deliver the non-structural flowable fill at a minimum temperature of 50 degrees F. Transport mixture to the point of placement in a revolving drum mixer or agitator.

Secure all pipes and conduits within the backfill area to counteract the buoyant effect of non-structural flowable fill. Place the material evenly around manholes and in utility trenches to avoid dislocating pipes and conduits.

**d. Measurement and Payment.** The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

<b>Pay Item</b>	<b>Pay Unit</b>
Flowable Fill, Non-Structural .....	Cubic Yard

**Flowable Fill, Non-Structural** includes all labor, equipment and materials required to supply and place flowable fill for the purpose of abandoning pipes and miscellaneous structures, and includes any necessary miscellaneous bulkheads for forms.