

**ADDENDUM**

**CITY OF AMES**

**PROJECT:** 2018/19 Collector Street Pavement Improvements – Hickory Drive

**ADDENDUM NUMBER:** 1

**DATE:** April 9, 2019

**Carefully read the following changes to the Plans and Specifications for this project. After reading the changes, sign below to acknowledge receipt of this document and return it to the City Clerk's Office (515 Clark Avenue). This receipt form must be submitted prior to the bid opening or with the bid form.**



Tracy Warner, P.E.  
City of Ames – Public Works

**ADDENDUM:**

**I. THE FOLLOWING ARE REVISIONS TO THE PLANS:**

Replace sheet number C.02 of the Plans with the attached page.

**II. THE FOLLOWING ARE REVISIONS TO THE SPECIFICATIONS:**

Replace pages 13-17 of the Specifications with the attached pages.

**III. Any revisions to any of the Contract Documents made by this Addendum shall be considered as the same revision to any and all related areas of the Contract Documents not specifically called out in the Addendum.**

**I hereby acknowledge receipt of this Addendum and recognize that my bid will not be opened unless this signed document is filed in the City Clerk's Office prior to the letting as specified in the notice of public hearing and to bidders, or other contract documents OR submitted with my bid.**

SIGNED \_\_\_\_\_

TITLE \_\_\_\_\_

FIRM \_\_\_\_\_

DATE \_\_\_\_\_

**PROPOSAL FORM**

For the Construction  
 Of  
**2018/19 COLLECTOR STREET PAVEMENT IMPROVEMENTS**

To provide all labor, equipment, materials, transportation, and other components as specified herein to the City of Ames, Iowa.

Name of Bidder \_\_\_\_\_  
 Address of Bidder \_\_\_\_\_  
 \_\_\_\_\_

To the City of Ames, Iowa:

The undersigned bidder submits herewith bid security in the amount of 5% of the bid in accordance with the terms set forth in the "Instructions to Bidders".

The undersigned as bidder, having examined and determined the scope of the contract documents, hereby proposes to provide the required labor, services, materials, and equipment, and to perform the work as described in the contract documents, F.O.B. Ames, Iowa, including addenda \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ as follows.

**Complete entries for ALL bid items on the Proposal Form. Failure to complete all items may deem the Bid as non responsive.**

Item #	Item Code	Qty.	Unit	Description	Unit Price	Total Amount
<b><i>Division 2 - Earthwork</i></b>						
2.1	2010-108-D-2	110	cy	Topsoil, Off-site, 4" Depth		
2.2	2010-108-E-0	1454	cy	Excavation, Class 10		
2.3	2010-108-E-0	1224	cy	Excavate Unsuitable Subgrade, 12" Depth		
2.4	2010-108-G-0	6121	sy	Subgrade Preparation, 12" Depth		
2.5	2010-108-H-0	1224	sy	Subgrade Treatment, Geogrid		
2.6	2010-108-I-0	6121	sy	Special Backfill, 6" Depth		
<b><i>Division 4 - Sewers and Drains</i></b>						
4.1	4010-108-H-0	13	lf	Removal of Sanitary Sewer, Clay, 8"		
4.2	4020-108-A-1	199	lf	Storm Sewer, Trenched, RCP, 12" dia.		
4.3	4020-108-A-1	27	lf	Storm Sewer, Trenched, RCP, 18" dia.		
4.4	4020-108-C-0	56	lf	Removal of Storm Sewer, any type or size		
4.5	4020-108-E-0	143	lf	Storm Sewer Abandonment, Fill and Plug		
4.6	4040-108-B-0	2911	lf	Footing Drain Collector and Fittings, PVC, 6" dia.		
4.7	4040-108-C-0	11	ea	Footing Drain Cleanout, PVC, 6" dia.		
4.8	4040-108-D-0	11	ea	Footing Drain Oulets and Connections, PVC, 6" dia.		
4.9	4050-108-B-0	8	ea	Building Sanitary Sewer Service Reconnection		
4.10	4050-108-C-1	9	ea	Spot Repairs by Pipe Replacement		

4.11	4050-108-C-2	116	lf	Spot Repairs by Pipe Replacement		
				<b>Division 5 - Water Mains and Appurtenances</b>		
5.1	5010-108-A-1	1715	lf	Water Main trenched, PVC, 8" dia.		
5.2	5010-108-A-1	35	lf	Water Main trenched, PVC, 6" dia.		
5.3	5010-108-A-1	4	lf	Water Main trenched, PVC, 4" dia.		
5.4	5010-108-C-1	1	ea	Fitting, 12" x 8" Tapping Valve Assembly		
5.5	5010-108-C-1	5	ea	Fitting, 8"x6"x8" Tee		
5.5	5010-108-C-1	2	ea	Fitting, 8"x8"x8" Tee		
5.6	5010-108-C-1	2	ea	Fitting, 90 deg. Bend, 8" dia.		
5.7	5010-108-C-1	5	ea	Fitting, 90 deg. Bend, 6" dia.		
5.8	5010-108-C-1	1	ea	Fitting, 11 1/4 deg. Bend, 8" dia.		
5.9	5010-108-C-1	3	ea	Fitting, 22 1/2 deg. Bend, 8" dia.		
5.10	5010-108-C-1	3	ea	Fitting, 45 deg. Bend, 8" dia.		
5.11	5010-108-C-1	1	ea	Fitting, 8"x6" Reducer		
5.12	5010-108-C-1	1	ea	Fitting, 6"x4" Reducer		
5.13	5010-108-C-1	5	ea	Fitting, 6" Cap		
5.14	5010-108-C-1	5	ea	Fitting, 8" x 2' Spool		
5.15	5010-108-C-1	1	ea	Fitting, 4" PVC to Existing 4" Connection		
5.16	5010-108-D-0	0	ea	Water Service Stub, Copper, 1" dia., Type 'A'		
5.17	5010-108-D-0	0	ea	Water Service Stub, Copper, 1" dia., Type 'B'		
5.18	5010-108-D-0	14	ea	Water Service Stub, Copper, 1" dia., Type 'C'		
5.19	5010-108-D-0	20	ea	Water Service Stub, Copper, 1" dia., Type 'D'		
5.20	5020-108-A-0	1	ea	Valve, Gate, 6" dia.		
5.21	5020-108-A-0	8	ea	Valve, Gate, 8" dia.		
5.22	5020-108-C-0	4	ea	Fire Hydrant Assembly, 6" barrel		
5.23	5020-108-I-0	3	ea	Fire Hydrant Assembly Removal		
5.24	5020-108-J-0	3	ea	Valve Removal		
5.25	5020-108-K-0	5	ea	Valve Box Removal		
5.26		1	ea	Abandon Valve Box		
5.27		6	ea	Abandon Main, any size		
				<b>Division 6 - Structures for Sanitary and Storm Sewer</b>		
6.1	6010-108-A-0	6	ea	Manhole Type SW-301, 48" dia.		
6.2	6010-108-A-0	1	ea	Manhole Type SW-401, 48" dia.		
6.3	6010-108-B-0	1	ea	Intake Type SW-503		
6.4	6010-108-B-0	3	ea	Intake Type SW-505		
6.5	6010-108-B-0	1	ea	Intake Type SW-506		
6.6	6010-108-E-0	1	ea	Manhole Adjustment, Minor		
6.7	6010-108-H-0	6	ea	Remove Manhole		
6.8	6010-108-H-0	5	ea	Remove Intake		
				<b>Division 7 - Streets and Related Work</b>		
7.2	7010-108-E-0	14	lf	Curb & Gutter, 30" width, 12" thick @ BOC		
7.4	7030-108-B-0	14	lf	Removal of Curb		
7.5	7030-108-A-0	583.1	sy	Removal of Sidewalk/Shared Use Path/Driveway		
7.6	7030-108-E-0	69.3	sy	Sidewalk, PCC, 6" depth		

7.7	7030-108-G-0	10	sf	Detectable Warning		
7.8	7030-108-H-1	612	sy	Driveway, Paved, PCC, 6" depth		
7.9	7040-108-H-0	5423.4	sy	Pavement Removal		
				<b>Division 8 - Traffic Control</b>		
8.1	8030-108-A-0	1	ls	Temporary Traffic Control		
				<b>Division 9 - Sitework and Landscaping</b>		
9.1	9010-108-A-0	0.4	ac	Conventional Seeding, Seeding, Fertilizing, and Mulching		
9.2	9040-108-F-1	3000	lf	Wattles, 9"		
9.3	9040-108-T-1	4	ea	Inlet Protection Device		
9.4	9040-108-T-2	8	ea	Inlet Protection Device, Maintenance		
				<b>Division 11 - Miscellaneous</b>		
11.1	11,010-108-A	1	ls	Construction Survey/Staking		
11.2	11,010-108-B	1	ls	Pedestrian Facility Construction Survey/Staking		
11.3	11,020-108-A	1	ls	Mobilization		
11.4	11,050-108-A-0	1	ls	Concrete Washout		
				<b>BASE BID + ALTERNATE A (CONCRETE)</b>		
				Division 2 - Earthwork		
7.1	7010-108-A-0	5465	sy	Pavement,PCC, 8" Depth		
				<b>BASE BID + ALTERNATE B (ASPHALT)</b>		
				Division 2 - Earthwork		
2.2	2010-108-E-0	180	cy	Excavation, Class 10, 1" Depth		
				Division 7 - Streets and Related Work		
7.2	7010-108-E-0	3254	lf	Curb & Gutter, 30" width, 12" thick @ BOC		
7.10	7020-108-A-0	1282	ton	Pavement, HMA, 3/4" Mix, 5" Depth, Base		
7.11	7020-108-A-0	513	ton	Pavement, HMA, 1/2" Mix, 2" Depth, Intermediate		
7.12	7020-108-A-0	513	ton	Pavement, HMA, 1/2" Mix, 2" Depth, Surface		
				<b>TOTAL BID</b>		

The undersigned bidder certifies that this proposal is made in good faith without collusion or connection with any other person or persons bidding on the work.

The undersigned bidder states that this proposal is made in conformity with the contract documents and agrees that, in the event of any discrepancies or differences between any conditions of this proposal and the contract documents prepared by the City of Ames, Iowa, the provisions of the latter shall prevail.

**The contractor shall not include sales or use taxes in the bid. Pursuant to Iowa Code and Iowa Administrative Code, the contractor will be authorized to purchase building materials that will be incorporated into real property on this project tax-free.**

Submitted this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

Company Name of Bidder \_\_\_\_\_

Address of Bidder \_\_\_\_\_

\_\_\_\_\_

Signature of Authorized Agent \_\_\_\_\_

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

Telephone Number \_\_\_\_\_

Fax Number \_\_\_\_\_

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

Check appropriate box:

- Individual/Sole Proprietor
- Corporation
- Partnership
- Other

Taxpayer Identification Number (TIN): Please provide TIN Employer identification number

\_\_\_\_\_ - \_\_\_\_\_

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**ESTIMATE REFERENCE**

- 2.1 2010-108-D-2 TOPSOIL (CY).** This item shall include all labor, material, and equipment necessary to place 4" of topsoil in all disturbed areas. Onsite or suitable off site topsoil meeting SUDAS 2010.2.01 and City of Ames Supplemental Specifications may be used. Topsoil shall be rough graded in anticipation of seed bed preparation by others. Payment shall be per cubic yard.
- 2.3 2010-1.08-E-0 EXCAVATION, UNSUITABLE SOIL, 12" DEPTH (CY).** This item shall include over excavation and base repair at locations to be determined in the field at the discretion of the Engineer. The bid quantity shown is calculated at 20% of the pavement removal. Payment shall be per square yard.
- 2.5 2010-1.08-H-0 SUGRADE TREATMENT, GEOGRID (SY).** This item shall include furnishing and placement of Geogrid in areas determined by the Engineer's representative. The bid quantity shown is calculated at 20% of the pavement removal. Payment shall be per square yard.
- 4.2, 4.3 4020-108-A-1 STORM SEWER PIPE, 12", 18" RCP, CLASS III (LF).** This bid item shall be in accordance with Section 4020 of the SUDAS Standard Specifications and shall include all equipment, labor and materials to place pipe as noted on the plans. Unless included with another bid item, pipe connections to storm structures shall be included in this bid item, including but not limited to coring or cutting into the existing manhole or intake, pipe connections, grout, and waterstop (when required). Backfill shall be per Class R-2, with Class I granular bedding material up to springline of pipe unless otherwise noted in the plans. Payment shall be per lineal foot.
- 4.7 4040-108-C-0 FOOTING DRAIN CLEANOUT, PVC, 6" DIA (EA).** This item shall include the riser assembly, all bends, tees, and other appurtenances necessary to install the cleanout at locations shown on the plans. This item shall include removing and relocating existing cleanouts at locations shown on the plans. Payment shall be per each cleanout and riser assembly installed.
- 5.1-5.3 5010-1.08-A-1 WATER MAIN, TRENCHED, PVC, 10"/8"/6"/4" DIA. (LF).** This item shall be in accordance with Section 5010 of SUDAS. Long sleeves and all other appurtenances necessary to tie new main into existing main shall be considered incidental to this item. Payment shall be per lineal foot.
- 5.16-5.19 5010-1.08-D-0 RESTORE COPPER WATER SERVICE (EA).** This item includes restoring existing water services, up to 2" as shown in tabulation on B sheets, with copper pipe for the various types and sizes listed. Tunneling, fittings, connections, wall penetrations, surface restoration with sod, and all other appurtenances needed to complete this work shall be considered incidental to this item. When required, water service meter replacement coordination shall be incidental. Contractor shall verify number, size, and location of services prior to plumber commencing work. Unknown connection types shall be added to like item once type has been determined. Removal and replacement of sidewalk, pedestrian ramps, driveways, and pavement necessary to complete this work shall be considered incidental to this item.
- The Contractor shall bid all types of services even though the quantity may be zero. The requirement to abandon water service at the main will be waived for this contract.
- Soil borings have not been taken and engineering recommendations based on the existing soil conditions are not to be implied and will not be provided by the City of Ames. Any obstruction encountered during construction shall be removed at the Contractor's expense.
- 5.22 REMOVE HYDRANT ASSEMBLY (EA).** This item shall include removing existing fire hydrant, hydrant valve and box, and properly abandoning the hydrant run at the existing main per Bid Item 5.24. Concrete pipe plug shall be considered incidental to this item. Payment shall be per each hydrant assembly removed.
- 5.26 ABANDON VALVE BOX (EA).** This item shall be in accordance with the valve abandonment detail as shown on the B Sheets. Payment shall be per each valve abandoned.
- 5.27 ABANDON WATER MAIN, ANY SIZE (EA).** This item shall include cutting out a section of pipe and/or existing tee and either encasing the ends with concrete or installing a pipe cap. Contractor shall field verify the type of

# ESTIMATE REFERENCE INFORMATION

- 2.1 **2010-108-D-2 TOPSOIL (CY).** This item shall include all labor, material, and equipment necessary to place 4" of topsoil in all disturbed areas. Onsite or suitable off site topsoil meeting SUDAS 2010.2.01 and City of Ames Supplemental Specifications may be used. Topsoil shall be rough graded in anticipation of seed bed preparation by others. Payment shall be per cubic yard.
  - 2.3 **2010-1.08-E-0 EXCAVATION, UNSUITABLE SOIL, 12" DEPTH (CY).** This item shall include over excavation and base repair at locations to be determined in the field at the discretion of the Engineer. The bid quantity shown is calculated at 20% of the pavement removal. Payment shall be per square yard.
  - 2.5 **2010-1.08-H-0 SUGRADE TREATMENT, GEOGRID (SY).** This item shall include furnishing and placement of Geogrid in areas determined by the Engineer's representative. The bid quantity shown is calculated at 20% of the pavement removal. Payment shall be per square yard.
  - 4.2, 4.3 **4020-108-A-1 STORM SEWER PIPE, 12", 18" RCP, CLASS III (LF).** This bid item shall be in accordance with Section 4020 of the SUDAS Standard Specifications and shall include all equipment, labor and materials to place pipe as noted on the plans. Unless included with another bid item, pipe connections to storm structures shall be included in this bid item, including but not limited to coring or cutting into the existing manhole or intake, pipe connections, grout, and waterstop (when required). Backfill shall be per Class R-2, with Class I granular bedding material up to springline of pipe unless otherwise noted in the plans. Payment shall be per lineal foot.
  - 4.7 **4040-108-C-0 FOOTING DRAIN CLEANOUT, PVC, 6" DIA (EA).** This item shall include the riser assembly, all bends, tees, and other appurtenances necessary to install the cleanout at locations shown on the plans. This item shall include removing and relocating existing cleanouts at locations shown on the plans. Payment shall be per each cleanout and riser assembly installed.
  - 5.1-5.3 **5010-1.08-A-1 WATER MAIN, TRENCHED, PVC, 10"/8"/6"/4" DIA. (LF).** This item shall be in accordance with Section 5010 of SUDAS. Long sleeves and all other appurtenances necessary to tie new main into existing main shall be considered incidental to this item. Payment shall be per lineal foot.
  - 5.16-5.19 **5010-1.08-D-0 RESTORE COPPER WATER SERVICE (EA).** This item includes restoring existing water services, up to 2" as shown in tabulation on B sheets, with copper pipe for the various types and sizes listed. Tunneling, fittings, connections, wall penetrations, surface restoration with sod, and all other appurtenances needed to complete this work shall be considered incidental to this item. When required, water service meter replacement coordination shall be incidental. Contractor shall verify number, size, and location of services prior to plumber commencing work. Unknown connection types shall be added to like item once type has been determined. Removal and replacement of sidewalk, pedestrian ramps, driveways, and pavement necessary to complete this work shall be considered incidental to this item.
- The Contractor shall bid all types of services even though the quantity may be zero. The requirement to abandon water service at the main will be waived for this contract.
- Soil borings have not been taken and engineering recommendations based on the existing soil conditions are not to be implied and will not be provided by the City of Ames. Any obstruction encountered during construction shall be removed at the Contractor's expense.
- 5.22 **REMOVE HYDRANT ASSEMBLY (EA).** This item shall include removing existing fire hydrant, hydrant valve and box, and properly abandoning the hydrant run at the existing main per Bid Item 5.24. Concrete pipe plug shall be considered incidental to this item. Payment shall be per each hydrant assembly removed.
  - 5.26 **ABANDON VALVE BOX (EA).** This item shall be in accordance with the valve abandonment detail as shown on the B Sheets. Payment shall be per each valve abandoned.
  - 5.27 **ABANDON WATER MAIN, ANY SIZE (EA).** This item shall include cutting out a section of pipe and/or existing tee and either encasing the ends with concrete or installing a pipe cap. Contractor shall field verify the type of existing pipe joints. If leaded joints, Contractor shall remove existing tee and install like sized pipe. If mechanical joints, Contractor shall install pipe cap on live tee. Installation of water main and/or pipe cap to complete the abandonment shall be paid for under separate item. Concrete pipe plug shall be considered incidental to this item. Payment shall be per each location existing main is abandoned.

- 6.1 **6010-1.08-A-0 SANITARY MANHOLE, SW-301, 48" DIAMETER (EA).** This bid item shall be in accordance with Section 6010 of the SUDAS Standard Specifications. Tying existing pipe and/or services into new manhole shall be considered incidental. A temporary debris shield shall be placed over the manhole and shall remain in place until manhole has been adjusted to final grade and concrete poured. The item shall include the installation of a Type A frame and lid per SUDAS Standard Detail SW-601, pro-ring, and adjustment to final grade with a rectangular shaped concrete boxout per SUDAS 7020. Castings shall be two-piece unless otherwise called out in the plans or as determined necessary by the Engineer. Payment shall be per each.
- 6.2 **6010-1.08-A-0 STORM MANHOLE, SW-401, 48" DIAMETER (EA).** This bid item shall be in accordance with Section 6010 of the SUDAS Standard Specifications. Tying existing pipe and/or services into new manhole shall be considered incidental. The item shall include the installation of a Type E, two-piece frame and lid per SUDAS Standard Detail SW-602, and adjustment to final grade. Castings shall be two-piece unless otherwise called out in the plans or as determined necessary by the Engineer. Payment shall be per each.
- 6.3 **6010-1.08-B-0 STORM INTAKE, SW-503 (EA).** This item shall be in accordance with Section 6010 of the SUDAS Standard Specifications. Tying existing pipe and/or services into new intake shall be considered incidental. Payment shall be per each.
- 6.4 **6010-1.08-B-0 STORM INTAKE, SW-505 (EA).** This item shall be in accordance with Section 6010 of the SUDAS Standard Specifications. Tying existing pipe and/or services into new intake shall be considered incidental. Payment shall be per each.
- 6.5 **6010-1.08-B-0 STORM INTAKE, SW-506 (EA).** This item shall be in accordance with Section 6010 of the SUDAS Standard Specifications. Tying existing pipe and/or services into new intake shall be considered incidental. Payment shall be per each.
- 6.6 **6010-1.08-E-0 ADJUST MANHOLE, MINOR (EA).** This bid item shall be in accordance with Section 6010 of the SUDAS Standard Specifications and shall include all equipment, labor and materials to adjust manhole to final grade. Prior to removal of the existing casting, a temporary debris shield shall be placed. This shield shall remain in place until manhole has been adjusted to final grade and concrete poured. **The existing casting shall become the property of the City,** unless otherwise indicated on the plans. This item shall include the installation of a Type A, two-piece frame and lid, pro ring, and adjustment to final grade with a rectangular shaped concrete boxout per SUDAS 7020, Standard Detail SW-601. **Manhole castings shall be protected from concrete during concrete placement. The manhole shall be opened and cleaned by the contractor prior to final walk-through. Final acceptance will not be granted until all manholes have been opened and verified by the Engineer.** Payment shall be per each
- 6.7 **6010-1.08-H-0 REMOVE MANHOLE (EA).** This bid item shall include all equipment, labor, materials, hauling and proper disposal of removed manhole as shown on the plans. Any pipe damaged during the removal of the structure shall be repaired and/or replaced at no cost to the City. **The removed casting shall become the property of the City.** The removed structure shall become the property of the Contractor to be disposed of at an off-site location. Payment shall be per each.
- 6.8 **6010-1.08-H-0 REMOVE INTAKE (EA).** This bid item shall include all equipment, labor, materials, hauling and proper disposal of removed intake as shown on the plans. Any pipe damaged during the removal of the structure shall be repaired and/or replaced at no cost to the City. **The removed casting shall become the property of the City.** The removed structure shall become the property of the Contractor to be disposed of at an off-site location. Payment shall be per each.
- 7.1 **7010-1.08-E-0 PCC CURB & GUTTER, 30" WIDTH (LF).** This bid item shall be in accordance with section 7010 of the SUDAS Standard Specifications and shall include all equipment, material and labor to place 6" special backfill and 30" PCC Curb and Gutter. The cost for joints and dowels, as required, shall be considered incidental. Curbs shall be back plastered when forms are removed. The construction of drop curbs for pedestrian ramps and driveways shall be completed simultaneously with the construction of full curb and gutter sections and will be paid for as PCC Curb and Gutter. The Contractor shall replace any curb broken or damaged beyond the removal limits at no cost to the City. Placement of temporary backfill material between the front face of newly placed curb and gutter and the existing pavement, as required to maintain local traffic, shall be considered incidental to this item. Payment shall be per lineal foot.