

**ADDENDUM NO. 1**  
**August 12, 2020**

**TO: PLANS AND SPECIFICATIONS FOR**

**BROOKVIEW DRIVE AND GATEWAY DRIVE  
STORMWATER IMPROVEMENTS  
PROJECT NO. 2019-204-1**

**JOSEPH DRIVE PIPE REPLACEMENT  
PROJECT NO. 2020-201-1**

Bidders are hereby informed that the construction plans and/or specifications are modified as follows:

**PRE BID MEETING MINUTES**

The minutes from the pre-bid meeting held on August 6, 2020 are attached and shall be included as part of the bidding documents.

**BID PROPOSAL FORM CHANGES**

The following changes have been made to the bid proposal form. **A revised bid proposal is attached.** The Bidder shall use the revised bid proposal form when preparing his bid.

- Bid Item No. 4 on Joseph Drive Pipe Replacement Project changed from a spiral rib pipe to a CMP.

**ADDITIONS AND CHANGES TO JOB SPECIAL PROVISIONS**

The following job special provision shall be added to as follows:

**G. EARTHWORK**

**Add the following:**

**2.4** All haul off material shall be dumped on the Steve Young property at 5511 Henwick Lane. The contractor will only need to dump the material. Steve Young will push the piles off.

**P. DRAINAGE**

**Change 2.3 to the following:**

**2.3** Corrugated metal pipe gauges shall be as follows:

<b>Pipe Diameter</b>	<b>Gauge</b>
15"	14
36"	14
46"x36"	14
83"x57"	10

**Add the following:**

**2.4** The outlet ends of the 46"x36" and 83"x57" shall have a step bevel.

**2.5** Helical (spiral) polymer coated CMP may be substituted for the 15" polymer coated spiral rib pipe

**2.6** The 83"x57" polymer coated CMP arch pipe and 36" polymer coated CMP shall be annular riveted.

**X. INLET MODIFICATIONS FOR SEWER**

**Add the following:**

**2.3** The minimum length of sewer pipe to replace with ductile iron pipe shall be 30' unless a shorter length is approved by the engineer.

BY THE ORDER OF:

Eric Landwehr, P.E., County Engineer  
Cole County Department of Public Works  
August 12, 2020

**PROPOSAL FORM**

**COUNTY OF COLE, MISSOURI**

**BROOKVIEW DRIVE AND GATEWAY DRIVE  
STORMWATER IMPROVEMENTS  
PROJECT NO. 2019-204-1**

**JOSEPH DRIVE PIPE REPLACEMENT  
PROJECT NO. 2020-201-1**

Name of Bidder: \_\_\_\_\_

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

To: Cole County Department of Public Works  
5055 Monticello Road  
Jefferson City, MO 65109

**THE UNDERSIGNED BIDDER**, having examined the Plans, Specifications, Regulations of the Contract, Special Conditions and other proposed Contract Documents, and all addenda thereto; and being acquainted with and fully understanding (a) the extent and character of the work covered by this Proposal; (b) the location, arrangement, and specified requirements for the proposed work; (c) the location, character, and condition of existing streets, roads, highways, railroads, pavement, surfacing, walks, driveways, curbs, gutters, trees, sewers, utilities, drainage courses and structures, and other installation, both surface and underground which may affect or be affected by the proposed work; (d) the nature and extent of the excavations to be made, and the type, character, and general condition of materials to be excavated; (e) the necessary handling and re-handling of excavated materials; (f) the location and extent of necessary or probable dewatering requirements; (g) storm and flood water; (h) local conditions relative to labor, transportation, hauling, and rail delivery facilities; and (i) all other factors and conditions affecting or which may be affected by the work.

**HEREBY PROPOSED** to furnish all required materials, supplies, equipment, tools, and plant; to perform all necessary labor and supervision; and to construct, install, erect, and complete all work stipulated in, required by, and in accordance with the proposed Contract Documents and the drawings, Specifications, and other documents referred to therein (as altered, amended, or modified by addenda), in the manner and time prescribed and that he will accept in full payment sums determined by applying to the quantities of the following items, the following unit prices and/or any lump sum payments provided, plus or minus any special payments and adjustments provided in the Specifications and he understands that the estimated quantities herein given are not guaranteed to be the exact or total quantities required for the completion of the work shown on the drawings and described in the Specifications, and that increases or decreases may be made over or under the Contract estimated quantities to provide for needs that are determined during progress of the work and that prices bid shall apply to such increased or decreased quantities as follows:

**BROOKVIEW DRIVE AND GATEWAY DRIVE  
STORMWATER IMPROVEMENTS**

**ITEMIZED PROPOSAL**

<b>Item No.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>\$ Unit Price</b>	<b>\$ Amount</b>
1	Removal of Improvements	LS	1		
2	Earthwork	LS	1		
3	Class 3 Excavation in Rock	CY	40		
4	3" Type 5 Aggregate Base	SY	224		
5	Type A Curb and Gutter	LF	414		
6	6" Concrete Pavement	SY	224.0		
7	6" Residential Concrete Drive Approach	SY	27.0		
8	6" Residential Concrete Drive	SY	14.0		
9	4" Concrete Sidewalk	SY	2.0		
10	Replace 8" Ductile Iron Pipe Through Inlet	LS	1		
11	Mobilization	LS	1		
12	Connection of Downspout Drains	LS	1		
13	Paved Concrete Flume	SY	37		
14	15" Polymer Coated Spiral Rib Pipe	LF	42		
15	36" Polymer Coated Spiral Rib Pipe	LF	24		
16	46"x36" Ploymer Coated Spiral Rib Arch Pipe	LF	174		
17	83"x57" Polymer Coated CMP Arch Pipe	LF	126		
18	83"x57" Galvanized CMP Flared End Section	EA	1		
19	15" Polymer Coated Pipe Saddle	EA	1		
20	5'x5' Area Inlet	EA	1		
21	7'x3' Type A Curb Inlet	EA	1		
22	8'x3' Type A Curb Inlet	EA	1		
23	4'x3' Type A Curb Inlet	EA	2		
24	Rock Ditch Liner	CY	44		
25	Traffic Control	LS	1		
26	Lawn Restoration	LS	1		
27	Erosion Control	LS	1		
<b>SUBTOTAL:</b>					

**JOSEPH DRIVE PIPE REPLACEMENT  
ITEMIZED PROPOSAL**

Item No.	Item Description	Unit	Quantity	\$ Unit Price	\$ Amount
1	Removal of Improvements	1	LS		
2	Earthwork	1	LS		
3	Connection of Downspout Drains	LS	1		
4	36" Polymer Coated CMP	LF	156		
5	36" Galvanized CMP Flared End Section	EA	1		
6	Rock Ditch Liner	CY	4		
7	Traffic Control	LS	1		
8	Lawn Restoration	LS	1		
9	Erosion Control	LS	1		
<b>SUBTOTAL:</b>					

<b>TOTAL:</b>	
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BIDDER recognizes and acknowledges the receipt of the following Addenda:

DATE                      Addendum Number                      DATE                      Addendum Number

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If the Bidder intends to use any subcontractor in the course of the construction, he shall list them. (If necessary, attach additional pages to list all subcontractors.)

Company Name      Address      City, State, Zip      Work To Be Performed      % of Bid

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**TIME OF COMPLETION:**

The undersigned hereby agrees to complete the project by no later than **November 20, 2020**, subject to the stipulations of the regulations of the Contract and the Special Conditions.

It is understood that the specifications governing the construction of the work contemplated are those known and designated as the "Missouri Highway & Transportation Commission Standard Specifications for Highway Construction" approved by the Missouri Highways & Transportation Commission, together with the special provisions, job and general, if any attached to this proposal.

It is understood and agreed that if this Proposal is accepted, the prices quoted above include all applicable state taxes and that said taxes shall be paid by the Contractor.

The undersigned, as Bidder, hereby declares that the only persons or firms interested in the Proposal as principal or principals is or are named herein and that no other persons or firms than herein mentioned have any interest in this Proposal or in the Contract to be entered into; and this Proposal is made without connection with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith, without collusion or fraud.

The undersigned agrees that the accompanying bid deposit shall become the property of the County should he fail or refuse to execute the Contract or furnish Bond as called for in the specifications within the time provided.

If written notice of the acceptance of this bid is mailed, telegraphed, or delivered to the undersigned within ninety (90) days after the date of opening of bids, or any time thereafter before this bid is withdrawn, the undersigned will, within ten (10) days after the date of such mailing, telegraphing, or delivering of such notice, execute and deliver a Contract in the form of Contract attached.

The undersigned hereby designates as his office to which such notice of acceptance may be mailed, telegraphed, or delivered:

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Contact Person	Company Name	Mailing Address	City, State & Zip Code
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It is understood and agreed that this bid may be withdrawn at any time prior to the scheduled time for the opening of bids or any authorized postponement thereof.

Attached hereto is a Bid Bond for the sum of \_\_\_\_\_

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\_\_\_\_\_ (\$ \_\_\_\_\_)  
 Dollars (cashier's check), made payable to the County of COLE.

**SIGNATURE AND IDENTITY OF BIDDER**

The undersigned states that the correct LEGAL NAME and ADDRESS of (1) the individual bidder, (2) each partner or joint venturer (whether individuals or corporation, and whether doing business under a fictitious name), or (3) the corporation (with the state in which it is incorporated) are shown below; and that (if not signing with the intention of binding himself to become the responsible and sole contractor) he is the agent of, and duly authorized in writing to sign for the Bidder or Bidders; and that he is signing and executing this (as indicated in the proper spaces below) as the proposal of

**AN INDIVIDUAL:**

_____ Name of Individual	_____ Residence Street Address
_____ Social Security Number	_____ City, State & Zip Code
_____ Firm Name, If Any	_____ Business Address
_____ Business Telephone Number	_____ City, State & Zip Code
_____ Signature	_____ Date

**A PARTNERSHIP:**

_____ Name of Partnership	(State Names & Addresses of All Partners)
_____ Partner	_____ Residence Address
_____ Partner	_____ Residence Address
_____ Business Address	
_____ City, State & Zip Code	_____ Business Telephone Number
_____ Signature of At Least One Partner	_____ Date

**A CORPORATION:**

\_\_\_\_\_  
Name of Corporation

Incorporated under the laws of the State  
of \_\_\_\_\_

\_\_\_\_\_  
Name and Title of Officer

Corporate License No. \_\_\_\_\_  
(If a corporation organized in state other  
than Missouri, attach Certificate of \_\_\_\_\_  
Authority to do business in the State of  
Missouri.)

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

\_\_\_\_\_  
Business Address

\_\_\_\_\_  
City, State & Zip Code

\_\_\_\_\_  
Signature of Officer

\_\_\_\_\_  
Date

**ATTEST:**

\_\_\_\_\_  
Signature of Secretary (SEAL)

\_\_\_\_\_  
Date



**ANTI-COLLUSION STATEMENT**

STATE OF \_\_\_\_\_ )  
 )  
 )  
COUNTY OF \_\_\_\_\_ )

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

being first duly sworn, deposes and says that he is

\_\_\_\_\_ of \_\_\_\_\_  
Title of Person Signing Name of Bidder

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

that all statements made and facts set out in the proposal for the above project are true and correct; and that the bidder (The person, firm, association, or corporation making said bid) has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such bid of any contract which result from its acceptance.

Affiant further certifies that bidder is not financially interested in, or financially affiliated with, any other bidder for the above project.

(BY) \_\_\_\_\_

(BY) \_\_\_\_\_

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

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

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

**CONTRACTOR'S AFFIDAVIT**

STATE OF \_\_\_\_\_ )  
 )  
 )  
COUNTY OF \_\_\_\_\_ )

This affidavit is hereby made a part of the Proposal, and an executed copy thereof shall accompany each Proposal submitted.

The undersigned, \_\_\_\_\_, of  
lawful age, being first duly sworn states upon oath that he is \_\_\_\_\_

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

the Contractor submitting the attached proposal, that he knows of his own knowledge and states it to be a fact that neither said proposal nor the computation upon which it is based include any amount of monies, estimate or allowance representing wages, moneys or expenses, however designated, proposed to be paid to persons who are not required to furnish material or actually perform services upon or as a part of the proposed project.

\_\_\_\_\_  
AFFIANT

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

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

My commission expires \_\_\_\_\_

**Brookview Drive and Gateway Drive  
Stormwater Improvements  
Project No. 2019-202-1**

**Joseph Drive Pipe Replacement  
Project No. 2020-201-1**

**Pre-Bid Meeting Notes  
August 6, 2020**

The meeting was held at the Cole County Fire Protection District "Training and Administration Building" beginning at 9:00am. Those attending the meeting are listed below:

<u>Name</u>	<u>Representing</u>	<u>Phone</u>
Eric Landwehr	Cole County	573-636-3614
Brad Wyss	Cole County	573-636-3614
Christa Nilges	Cole County	573-636-3614
Brian Patterson	B&P Patterson	573-690-1249
Bryant Gaines	Sam Gaines Construction	573-257-6123
Greg Huhman	GWH Contracting	573-230-5770
Pat Daugherty	Lemke Trenching	636-932-4649

**GENERAL BIDDING INFORMATION**

1. Sealed proposals on the forms prepared by the Cole County Department of Public Works will be received by the County Commission, Cole County, Missouri, at the Courthouse Annex, Jefferson City, Missouri, until **9:00 a.m., on August 14, 2020**, for the **Brookview Drive and Gateway Drive Stormwater Improvements and Joseph Drive Pipe Replacement**. The proposals will be publicly opened and read aloud thereafter. Bids received after the specified time for opening will be returned unopened.
2. Prior to the time and date designated for the receipt of bids, bids may be modified or withdrawn only by notice to the County Commission at the place and prior to the time designated for receipt of bids. No bids shall be withdrawn for a period of 90 calendar days after the scheduled closing time for receipt of bids.
3. Plans and specifications may be viewed and downloaded online in the bids section at [www.colecounty.org](http://www.colecounty.org). A hard copy of the plans and specifications will not be provided unless requested in advance.
4. **All contractors wishing to bid on this project shall submit the plan holder contact information form found in the specifications to [ccpwprojects@colecounty.org](mailto:ccpwprojects@colecounty.org) prior to the bid opening.** A bid received from a contractor that has not submitted this form will not be opened and therefore not read. It will be returned to the contractor.
5. A bid guaranty will be required in the amount of 5% of the bid. Can be paper bid bond or cashier's check.

6. Questions regarding the plans and specifications will be taken up to **24 hours prior to the date and time of the bid opening**. This will allow the County to get the information out to all of the bidders. General questions regarding the bidding process will be answered up to the time of the opening.
7. Prevailing wage rates are required on this project. State rates apply.
8. Bids shall be submitted on the proposal forms in the bidding documents. All blank spaces shall be filled in on the forms by typewriter or by handwriting in ink. The bidder shall make no other stipulations in the bid form or qualify his bid in any manner. The bids shall be submitted in an opaque sealed envelope marked "**Brookview Drive and Gateway Drive Stormwater Improvements and Joseph Drive Pipe Replacement**" and shall be clearly marked with project title, bid date, bid time and bidder's name and address.
9. If awarded the contract, the Contractor agrees to complete the work by no later than **November 20, 2020** as defined in the specifications.
10. **Liquidated damages** shall be **\$700.00** per calendar day for every day that the Contractor fails to complete the work as provided in the contract documents.
11. Simultaneously with the delivery of the executed contract, the Contractor shall furnish a surety bond in the amount of 100% of the total contract sum, as security for both faithful performance of the contract and for the payment of all persons performing labor on the project under this contract as specified in the contract documents.
12. Do NOT include federal excise tax or sales and use taxes in the bid prices. This project will be a SALES TAX EXEMPT project. A copy of the federal tax exemption certificate will be furnished if required.

### **GENERAL PROJECT INFORMATION**

1. This project has two locations of work. The original project is stormwater improvements in the vicinity of the intersection of Brookview Drive and Gateway Drive. The second location is an add-on project to replace a deteriorated pipe on Joseph Drive.
2. The contractor is highly advised to visit the project locations to observe existing site conditions.
3. The County will be providing construction observation through county inspectors.
4. The County will provide construction staking.
5. Utilities – There are utilities on this project that the contractor will have to work around. Relocates are not known at this time. There is a sewer main that will be incorporated into the construction of one of the inlets and will require the replacement of a section of the pipe.
6. **ALL CHANGE ORDERS** – If there is any item that the contractor thinks additional pay is warranted, a change order request will have to be submitted and approved prior to commencing any of the additional work. Any extra work done without approval is not guaranteed to be paid.
7. There are notes on the plans calling out certain items of work. Pay attention to these.
8. There is some pavement replacement associated with new pipe installations. This is to all be done in concrete.

9. There may be some asphalt edge patching necessary along a length of curb and gutter replacement on Brookview Drive. The contractor will have to do this at no direct pay so they should include the costs in with their curb and gutter price. The JSP's call for cold mix but a hot mix can be used if available. Edges shall be sawed straight.
10. With the placement of this curb and gutter, the contractor may be able to remove and replace without damaging the pavement, thus eliminating the need to patch the asphalt.
11. The curb and gutter work on Brookview is being done to provide better drainage for the flat areas to get them to drain to the inlets.
12. There is a USACE 404 permit for this project and is included for reference in the bidding documents. The contractor shall follow all provisions.
13. The county inspector will assist with the Land Disturbance Permit BMP inspections after rainfalls. This is not specifically called out in the JSP. It is still the responsibility of the contractor to perform.
14. All the pipe to be used is metal pipe of different varieties. The plans show an aluminized pipe for the 83x57 arch but it shall be a polymer coated pipe and is shown that way on the bid proposal.
15. The 83x57 arch pipe shows a mitered end on the outlet side of the pipe but it should be a STEP BEVEL.
16. The 15" spiral rib pipe may be substituted with a helical (spiral) pipe.
17. The concrete flume replaces an existing flume. The new flume will be larger than existing and will require the removal of the railroad ties used as edging. The new flume will have curbs constructed integral with it.
18. The 5x5 area inlet shall have a grate on top of it as opposed to the standard manhole lid. Details are shown in the plans.
19. The Joseph Drive project is just a basic pipe replacement. The contractor will have to cut the existing pipe out from the inlet and band on to it with the new pipe. The inlet structure is not a standard box and this is our only option for connecting the new pipe without replacing the inlet. A spiral rib pipe is shown on the bid proposal form but that should be a CMP.
20. There are two large trees at the Joseph Drive project that we are hoping to be able to work around and leave in place.
21. We have a location identified where we want all the haul off waste fill to go. The location is 5511 Henwick Lane at the Steve Young property. We are working with him to fill an area to improve the roadway embankment. The haul off shall go there.
22. The project completion date is a little tight. We will do everything we can to expedite contract award and notice to proceed.

### **STANDARD PLANS AND SPECIFICATIONS**

Technical specifications will be the latest effective version of the Missouri Standard Specifications for Highway Construction. City of Jefferson City standard drawings shall apply to most items and MoDOT specifications shall apply to the rest. These are listed in the JSP's.

### **JOB SPECIAL PROVISIONS**

The job special provisions were reviewed. Special attention was given to the following:

1. **B. Work Zone Traffic Management.** A three week notice shall be given for all road closures. Contractor must coordinate with property owners to schedule driveway construction and provide a reasonable access to their property. Brookview Drive and

Gateway Drive will have to be closed construction of the pipes and inlets but **CANNOT** be closed at the same time.

2. D. Utilities. Contractor shall coordinate with all utility companies regarding any special caution or possible relocation when working around the utilities.
3. E. Roof Drains and Foundation Drains. All drains shall be connected regardless of whether they show on the plans or not. Preference is to tie into an inlet. Connections to a stormwater pipe, if necessary, shall be done with and Inserta-Tee connection.
4. G. Earthwork. Earthwork will be paid per lump sum. The typical earthwork items are listed but not limited to what is shown in this JSP. Depth of rock was not investigated but is expected for the pipe installation under Gateway. This will be paid for as Class 3 Excavation in Rock. Excavation material from the removal of curb and gutter and pavement SHALL NOT be stockpiled on site in adjacent yard areas. This is expected to be poor material and hauled off.
5. L. Removal of Improvements. All removals necessary for the completion of the project are included in this bid item. Typical removals are noted but are not limited to this list. This will include any trees, brush or vegetation that is within the grading.
6. P. Drainage. Inlets and junction boxes shall be cast in place to allow for field adjustments during construction. Pipe types and gauges are shown. There are some changes to the plans regarding the pipes noted above in the general project information.
7. M. Top Soil in Areas to be Seeded or Sodded. The top 6 inches of all disturbed areas shall be good clean topsoil. This will require rock removal when necessary. All areas for seeding shall be inspected prior to placing seed.
8. S. Lawn Restoration. Final grade shall be established and seeded within 10 working days of proposed improvements being completed on a property unless otherwise approved by the engineer. All disturbed areas that are not paved or concrete shall be seeded or sodded as noted on the plans. Seeding mixtures and sodding types are listed in the JSP. The contractor will have some control over how much seeding or sodding they have to do and it will depend upon how much they can keep their disturbances to a minimum. Sodding shall be on the Allee/Aguado property and the rest will be seeded.
9. T. Rock Ditch Liner. The rock type shall be MoDOT Type 2 Rock Blanket.
10. U. Removal and Replacement of Landscaping Features. The contractor shall coordinate with property owners regarding the landscaping that might be impacted by construction. If necessary the contractor may need to help with some basic removal of some items.
11. X. Inlet Modifications for Sewer. The existing sewer runs along the back of curb at the south inlet on Brookview. The new inlet shall be built around it and it may have to be partially cast in with the walls. Once we uncover the sewer we will know how we can build the inlet. A bid item for sewer main replacement is included in the project and will be required through this area. An inspector from the City of Jefferson shall be present. The JSP states a licensed plumber is needed for connecting the new pipe but that is not necessary. Just follow all City of Jefferson requirements for construction.

## PLAN REVIEW

Eric Landwehr discussed the following items on the plan sheets:

### Brookview Gateway Plans

1. All pavement areas will be put back in concrete. The areas are shown on this sheet.

## **Pre-Bid Minutes**

### **Page 5**

2. Curb and gutter on to be replaced on Brookview is to make things drain properly. We expect that you can remove the existing curb and gutter and replace the new at the same grade. The existing is broken up and sunken such that it leaves some water holes.
3. Three properties along Brookview will get new driveway approaches.
4. The two new outlet pipes will be longer than existing.
5. The concrete flume replacing an existing flume. There is an existing one to the north that needs to tie into the new flume. The new flume has an integral curb.
6. The area inlet has four openings. The main opening tying into the flume will be 12" with a trash rod. The other openings are 6".
7. The two inlets on Gateway replace two existing gutters that dump into the creek. The inlets will connect by pipe to the larger crossroad pipe with a saddle. Metal Culverts made one for a project a few years ago and it worked fine. The saddle has to be built to the dimensions to fit without having to modify it in the field.
8. The 15" spiral rib pipe can be substituted with a helical (spiral) corrugated pipe. The flow capacity is about the same.
9. The spiral rib pipe in polymer coated can get a little damage the coating. We accept that this will be the case.
10. The pavement on Gateway Drive south of the project limits is in pretty bad shape. If the concrete pavement bid price is decent, we may add some work to the contract to replace some of this pavement.
11. The McAlexander property has changed hands. The new owners are Adam and Alecia Cameron.

### **Joseph Drive Plans**

1. The inlets are to remain in place. We are simply sawing the existing pipe about 5' from the inlet and connecting the new pipe with a band. The existing inlets are built over top of the pipe with a hole cut into the pipe. We cannot get into these inlets.
2. There are two roof drains from the house that will tie into this pipe with the Inserta-tee connection
3. The pipe is shallow with a foot or two of fill over it.
4. The existing trees are close to the pipe. We hope that the roots go below the pipe and we can replace without too much damage to the trees. If it appears we will damage the trees we may decide to remove them. That will be a decision made at the time of construction.

**QUESTIONS AND ANSWERS**

Received at pre-bid meeting, by telephone, e-mail etc. prior to issuing Addendum No. 1

Q1. Are you sure the pipe under Joseph Drive between the inlets is in good enough shape to leave in place?

A1. We are not sure on the condition but we cannot replace it with this project due to the way in the inlets were built and the limited scope of the project. We will cut the existing pipe approximately 5' from the inlet and band on the new pipe.

Q2. Does all the haul off material go to the Steve Young property at 5511 Henwick Lane?

A2. All suitable material shall go there. This would be everything except trees and brush.

Q3. If we can move the inlet to avoid it being cast in with the construction, would we move it forward or back from the street?

A3. The sewer pipe is close to the back of curb so we could only move the inlet back. Once we get it uncovered, we'll know more about what we can do.

Q4. If we don't have to cast the sewer pipe in with the inlet, do we still have to replace it?

A4. YES. The sewer is truss pipe and has to be replaced in this location.

Q5. How much length of sewer pipe will have to be replaced.

A5. The plans don't specify a length. The addendum will state that a minimum of 30' will be replaced.

Q6. Is there a spec on the fittings used for the sewer connection?

A6. It will be per City of Jefferson Sewer Standard plans and specifications.

Q7. Can we replace the curb and gutter on Brookview by just sawing along the asphalt, remove the gutter and replace without having to tear into the asphalt?

A7. YES. We expect it to drain fine with simple replacement at the same edge of asphalt elevations.

Q8. What is the advantage to using a spiral rib pipe?

A8. Better hydraulic capacity.

Q9. There are some low tree branches close to the flume. Can we trim them to be able to work around it?

A9. YES but the county inspector will decide what limbs to trim and the proper way to trim to avoid damage to the tree.

Q10. Are inlets cast in place?

A10. YES.

Q11. Will there be any property owners difficult to deal with?

A11. Everyone we have worked with affected by this project has been fine. We don't think there will be any problems.