



DEPARTMENT OF PURCHASING & CONTRACT COMPLIANCE

**Winner 2000- 2006 Achievement of Excellence in Procurement Award
National Purchasing Institute**



Jerome Noble, Director

July 10, 2007

Re: 07ITB56429K-RS Freemanville Road Water Main Replacement

Dear Bidders:

Attached is one (1) copy of Addendum 3, hereby made a part of the above referenced Bid #07ITB56429K-RS Freemanville Road Water Main Replacement

This Addendum forms a part of the contract documents and modifies the original Bid documents as noted below:

Except as provided herein, all terms and conditions in the Bid referenced above remain unchanged and in full force and effect.

Sincerely,

Rholanda M. Stanberry

Rholanda Stanberry,
Chief Assistant Purchasing Agent

07ITB56429K-RS Freemanville Road Water Main Replacement

Addendum No. 3

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Corrections to Previous Addenda:

Addendum No. 1, delete Item 2 in its entirety and replace with the following:

Section 01025, Page 6, Article 1.05, after Paragraph E, add the following:

- "F. Free Bore Ordered By Engineer: Payment for pipe in a free bore shall be made at the unit price bid for WATER MAIN. The unit price bid for FREE BORE shall include the additional cost of construction of the free bore in lieu of open cut. The unit price bid for FREE BORE shall include all costs for free bore failures and the subsequent bore and jack required as well as for bore and jack casing if the Contractor elects to provide casing in lieu of free bore. Measurement for payment shall be made along the centerline of the water main to the limits ordered by the Engineer."

Addendum No. 1, delete Item 3 in its entirety and replace with the following:

"Section 02229, Page 7, after Article 3.05, add new Article 3.06 as follows and renumber subsequent paragraphs:

"3.06 Free Boring

- A. Where ordered by the Engineer, the Contractor shall install the pipe by the free bore method. The allowed free bore method will be dry auger boring, without jetting, sluicing, or wet boring.
- B. The diameter of the free bore shall not exceed the pipe bell outside diameter or the pipe barrel outside diameter plus one inch, whichever is greater.
- C. The Contractor shall be responsible for any settlement of the surface (roadway, driveway, or otherwise) caused by using either the free bore method or the bore and jack method.
- D. Where ordered to use the free bore method to install a segment of pipe, the Contractor may elect to install the pipe by the conventional bore and jack casing method instead.
- E. If the Contractor elects to free bore, and an acceptable installation does not result for any reason, the Contractor shall install a casing pipe by the bore and jack method at no additional cost to the Owner.
- F. The Contractor may elect to free bore other portions of the project in lieu of open cut installation. However,

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no additional payment for free bore will be made if the Contractor exercises this option.”

Addendum No. 2, Item 1,

Change, “Section 02229, Article 3.08, ...”

To

“Section 02229, new Article 3.09, ...”

Corrections to Specifications:

Item 1 Item 1 Delete Section 00300 in its entirety and replace with new Section 00300 included this addendum.

Item 2 Section 01010, after Article 1.04, add the following new Article:

“1.05 Testing and Disinfection

The Owner will furnish water for pressure testing and disinfection of the pipeline at no additional charge to the Contractor. Water for other construction activities such as general cleaning and dust control is the responsibility of the Contractor.”

Item 3 Section 01025, Page 6, Article 1.05, after new Paragraph F, add the following new paragraph:

“G. Contractor Elected Free Bore: Payment for pipe shall be made at the unit price bid for WATER MAIN. Measurement for payment shall be made along the centerline of the water main. No additional payment will be made for use of the free bore installation method at the Contractor’s option or for associated failures and the subsequent alternative installation method. If the free bore method is used for crossing driveways, payment for removal and replacement of concrete will be paid to the same limits that the open cut installation would have allowed.”

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Item 4 Section 01025, Page 6, Article 1.06, delete Paragraph E in its entirety and replace with the following:

“E. Payment for removal and replacement of sidewalk shall be made at the unit price bid for SIDEWALK. No payment for sidewalk shall be made where the centerline of the new pipe is more than 5-feet from the closest edge of the sidewalk.”

Item 5 Section 01025, Page 6, Article 1.06, after Paragraph E, add the following new paragraph:

“F. Payment for removal and replacement of curb and gutter shall be made at the unit price bid for CURB AND GUTTER. No payment for curb and gutter shall be made where the centerline of the new pipe is more than 5-feet from the closest edge of the curb and gutter.”

Item 6 Section 01025, Page 6, Article 1.06, after new Paragraph F, add the following new paragraph:

“G. Payment for removal and replacement of concrete shall be made at the unit price bid for CONCRETE. Payment will be made for the length for which the pipeline is constructed underneath the pavement as shown on the Drawings and for the width to the nearest existing construction joint on either side of the new pipeline.”

Item 7 Section 01740, Page 2, Article 1.01, after Paragraph F, add the following new paragraph, and renumber subsequent paragraphs:

“G. Existing trees adjacent to the work that are severely damaged or killed as a result of construction activities during construction and for a period of one year from the date of final acceptance shall be removed by the Contractor and the surrounding area cleaned and restored.”

Item 8 Section 02225, Page 2, Article 2.02, Paragraph A, first sentence,

Change, “crushed stone” to “earth materials”

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Item 9 Section 02229, Page 7, new Article 3.08, delete Paragraph A in its entirety and replace with the following:

“A. In the event that rock is encountered during the installation of the casing pipe which, in the opinion of the Engineer, cannot be removed through the casing, the Engineer may authorize the Contractor to complete the crossing by a method established in a change order.”

Item 10 Section 02575, Page 2, Article 2.02, Paragraph C, fourth sentence,

Change, “...in no case less than 6-inches thick.”
to
“... in no case less than 8-inches thick.”

Item 11 Item 5 Section 02665, Page 3, Article 2.01, Paragraph A.9, delete the last two sentences and replace with the following:

“Electronic markers shall be compatible with 3M Dynatel 1420 EMS-iD Marker Locator. Contractor shall supply one Marker Locator for use during installation and shall turn over Locator to County upon project completion. Markers shall be equal to 3M EMS 1423 XR/iD for water service.”

Corrections to Drawings:

Item 12 Sheet 24, add PIPE BEDDING AND HAUNCHING DETAILS as shown on Sketch 1, included with this addendum.

Item 13 Sheet 24, add ASPHALT and CONCRETE REPLACEMENT DETAILS as shown on Sketch 2, included with this addendum.

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Questions and Responses:

Question: The specifications state that the contractor is required to place Electronic Markers at certain intervals; will the contractor be responsible to provide a corresponding marker locator as well? If so how many will the contractor provide?

Response: See Addendum No. 3, Corrections to Specifications, above.

Question: The specifications state that Mega-Lugs will be required to be used at all valves, fittings, & hydrants. Is this correct?

Response: Provide Mega-Lugs per specifications.

Question: There is no bid item for 16" DIP, can one be set up?

Response: See Addendum No. 3, Corrections to Specifications, above.

Question: 00700-25 indicates a "Project Specific" safety program will be required for this project. Will Fulton County Require a full-time dedicated Safety Engineer for this project or can will Fulton County accept a part-time or less Safety Engineer on the job site?

Response: The County will accept a part time Safety Engineer as much as is necessary to monitor the construction activities and ensure that all activities are preceding within the requirements of the safety program.

Question: Measurement & Payment states payment for fittings based on C110 fitting weights. Section 02665 states C110 or C153 fittings will be allowed. If C153 Fittings are used, will payment be based on C153 or C110 weights?

Response: Payment will be made as specified in Section 01025, based on C110 fitting weights.

Question: There are several segments of the project that go through ornamental trees & shrubs. The specifications state that the contractor is not responsible to replace trees and shrubs on easements other than what will be covered by the allowance, however it appears some of these trees and shrubs are in the Right of Way. Will the contractor be responsible for the replacement of trees and shrubs in the right of way?

Response: See Addendum No. 2 Responses.

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Question: There are many trees that lie outside the limits of the project that will undoubtedly die or be severely damaged because of the root system that will be destroyed in excavating for this project, what responsibility does the contractor have for these trees damage?

Response: See Addendum No. 3, Corrections to Specifications, above.

Question: Per addendum #1 there is now a bid item for free bore of pipe, however we have not received any updated drawings? What work does this bid item represent? There are many very expensive private driveways that free boring would be substantially advantageous, however without knowing which driveways these are there is no way of passing that cost savings on to the county. The quantity of rock, discrepancies in the cost of stamped concrete versus asphalt driveways, and the distance from the road to the free bore are all factor that will influence the individual cost of each free bore, please advise which locations are indicated to be free bored under this bid item.

Response: See Addendum No. 3, Corrections to Previous Addenda and Corrections to Specifications, above, for clarification. The Free Bore pay item is for use only as directed by the Engineer.

Question: Will the proposed free bores replace Jack & Bore footage if ordered by the Engineer?

Response: No. See Addendum No. 3, Corrections to Previous Addenda and Corrections to Specifications.

Question: Are there any working hour restrictions on this project?

Response: Restrictions as required by City of Milton ordinance.

Question: When does the county anticipate an award on this project?

Response: Mid August, 2007

Question: When does the county anticipate a Notice to Proceed on this project?

Response: Mid October, 2007

Question: The plans indicate (note 15 on the cover) that RJ pipe is type 3 bedding. 02225 indicates on 2 of 11 unless specified otherwise bedding & haunching should be stone. On the same page sub C

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the specifications describe earth material utilized as bedding and haunching. 8 of 11 (same section) states for water mains utilize earth materials for bedding and haunching unless specified otherwise. The specifications also indicate in several locations that there are drawings to describe the height of haunching. Can you provide both the drawings that indicate what type 2, 3, 4, & 5 bedding/haunching look like as stated in the specifications as well as clarification as to what bedding will be required by the engineer/county?

Response: See Addendum No. 3, Corrections to Specifications and Corrections to Drawings, above.

Question: Will recycled concrete be allowed for bedding or haunching of pipe?

Response: No.

Question: Will specified 95% compaction be by proctor test? If so will standard or modified proctor be required?

Response: See Section 02225, Article 1.02.

Question: Can the county set up a bid item for rock bore or tunnel?

Response: No. See Addendum No. 3, Corrections to Specifications, above.

Question: Will a registered land surveyor be required to verify the specified surface settlement markers? Will the engineer require a registered land surveyor to take all readings on the markers? What do the markers consist of? Can a detail of the settlement marker be provided?

Response: Yes. See Section 01055, Article 1.01, Paragraph A, and Section 02229, Article 2.01, Paragraph F.

Question: No specification indicating a fixed depth for driveways and/or roadways binder replacement has been provided. Does the county expect the contractor to guess the existing asphalt depth? The contractor is asked to determine a fixed cost with a stated vendor or subcontractor before the bid, however not knowing what depth the existing asphalt is that we will be required replace per specification 02575 makes this extremely difficult. Will county allow each contractor to individually pot hole or excavate a small section of the road in order to determine this information? As an alternative can

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the asphalt & concrete pavement replacement bid item unit be changed to per ton or per CY?

Response: See Addendum No. 3, Corrections to Drawings, above.

Question: There appears to be some discrepancies on the plans versus what is actually located on the job in regard to the sidewalk and curb and gutter. Further, there are construction sites that are moving forward with plans to build sidewalks and entrance ways with curb and gutter on them along this project. All this will adversely affect the contractor when the sidewalks and curbs are at the contractor's risk. This adverse affect will undoubtedly cause the price of the project to rise. Can the county instead establish a curb and gutter and concrete sidewalk bid item for this project or indicate by addendum that all improvements made after the bid date will not be the responsibility of the contractor to include concrete curb and gutter, stone or masonry walls, stone or masonry mail boxes, etc?

Response: See Addendum No. 3, Corrections to Specifications, above.

Question: Will county provide water for testing of water main free of charge to the contractor? If not, at what rate per CCF will the contractor be charged?

Response: Yes. See Addendum No. 3, Corrections to Specifications, above.

Question: Some of the easement agreements state that the owner of the property was provided a sum of money to relocate a fence outside of the easement area that was purchased, this would presumably remove any cost that the contractor would have to remove and replace in addition to providing temporary fencing for the livestock. However on exam of the land, the fence is still in the easement area and the original easement agreement is dated 2002. Should the contractor expect that the agreements provided in the exhibit A are correct and still in force or will the contractor be responsible to remove and replace any structure that is physically located along the project regardless of the easement agreement reached by the land owner and the county in 2002?

Response: The agreements previously reached are still in effect. The Contractor has no obligation to replace the fence if the land owner has already been paid for that work.

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Question: Could you email me a detail for the various types of bedding to be used on the project? I've looked in the back of the plans with the other details and through the specifications with no luck?

Response: See Addendum No. 3, Corrections to Drawings, above.

Question: Does the concrete and asphalt pay items pay for the driveways specifically denoted on the drawings?

Response: Yes.

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ACKNOWLEDGEMENT OF ADDENDUM NO. 3

The undersigned bidder acknowledges receipt of this addendum by returning one (1) copy of this form with the bid package to the Purchasing Department, Fulton County Public Safety Building, 130 Peachtree Street, Suite 1168, Atlanta, Georgia 30335 by the Bid due date and time on **Monday, July 16, 2007** at 11:00 A.M.

This is to acknowledge receipt of Addendum No. 3, _____ day of _____, 2007.

Legal Name of Bidder

Signature of Authorized Representative

Title

BID FORM

Submitted To: Fulton County Government

Submitted By: _____

For: **W032 FREEMANVILLE ROAD WATER MAIN**

Submitted on _____, 20__.

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

The Bidder further declares that he has examined the site of the work and informed himself fully in regard to all conditions pertaining to the place where the work is to be done; that he has examined the Drawings and Specifications for the work and contractual documents relative thereto, and has read all instructions to Bidders and General Conditions furnished prior to the openings of bids; that he has satisfied himself relative to the work to be performed.

The Bidder proposes and agrees, if this Bid is accepted, to contract with the Board of Commissioners of Fulton County, Atlanta, Georgia, in the form of contract specified, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation and labor necessary, and to complete the construction of the work in full and complete accordance with the shown, noted, and reasonably intended requirements of the Specifications and Contract Documents to the full and entire satisfaction of the Board of Commissioners of Fulton County, Atlanta, Georgia, with a definite understanding that no money will be allowed for extra work except as set forth in the attached General Conditions and Contract Documents for the following prices.

THE BASE BID TOTAL IS THE AMOUNT UPON WHICH THE BIDDER WILL BE FORMALLY EVALUATED AND WHICH WILL BE USED TO DETERMINE THE LOWEST RESPONSIBLE BIDDER. Please make sure that all line items below are accurately calculated and total up to this inclusive amount.

The base bid may not be withdrawn or modified for a period of sixty (60) days following the receipt of bids.

BASE BID TOTAL: ITEMS 1 THROUGH 18 (BELOW), INCLUSIVE, IN THE AMOUNT OF:

DOLLARS
(\$ _____).

Make sure that all line items below are accurately calculated and total up to the inclusive BASE BID TOTAL amount entered on Page 1.

Method of Bidding

The unit or lump sum price for each of the several items in the Bid of each Bidder shall include its pro rata share of overhead and profit so that the sum of the products, obtained by multiplying the quantity shown for each item by the unit price, represents the total Bid. Any Bid not conforming to this requirement may be rejected. Additionally, Unbalanced Bids or conditional Bids will be subject to rejection. The special attention of all Bidders is called to this provision, for should conditions make it necessary to revise the quantities, no limit will be fixed for such increased or decreased quantities nor extra compensation allowed.

ITEM 1 - EROSION AND SEDIMENTATION CONTROL

a.	1	Each	Construction Exits	\$ ____/EA	\$ ____
b.	360	L.F.	Hay Bale Sediment Barriers	\$ ____/LF	\$ ____
c.	17,000	L.F.	Reinforced (Type C) Silt Fence	\$ ____/LF	\$ ____
d.	30	Each	Stone Check Dams	\$ ____/EA	\$ ____
e.	2	Each	Inlet Sediment Traps	\$ ____/EA	\$ ____
f.	1	Each	Temporary Stream Crossing	\$ ____/EA	\$ ____
g.	27,000	L.F.	Permanent Grassing	\$ ____/LF	\$ ____
h.	3,000	S.Y.	Sodding	\$ ____/SY	\$ ____

ITEM 2 - DUCTILE IRON PIPE WATER MAIN

a.	70	L.F.	12-Inch DIP (RJ)	\$ ____/LF	\$ ____
b.	26,000	L.F.	24-Inch DIP	\$ ____/LF	\$ ____
c.	2,100	L.F.	24-Inch DIP (RJ)	\$ ____/LF	\$ ____
d.	20	L.F.	16-Inch DIP (RJ)	\$ ____/LF	\$ ____

ITEM 3 - DUCTILE IRON FITTINGS

a.	0.5	TON	Fittings (6-Inch through 16-Inch)	\$ ____/TN	\$ ____
b.	12	TON	Fittings (24-Inch)	\$ ____/TN	\$ ____

ITEM 4 - VALVES

a.	8	Each	6-Inch Gate Valve	\$ ____/EA	\$ ____
b.	1	Each	12-Inch Gate Valve	\$ ____/EA	\$ ____
c.	2	Each	16-Inch Butterfly Valve	\$ ____/EA	\$ ____
d.	10	Each	24-Inch Butterfly Valve	\$ ____/EA	\$ ____

ITEM 5 - FIRE HYDRANTS

- | | | | | | |
|----|----|------|----------------------------------|------------|---------|
| a. | 8 | Each | Fire Hydrant Assembly - Complete | \$ ____/EA | \$ ____ |
| b. | 85 | L.F. | 6-Inch Hydrant Leads | \$ ____/LF | \$ ____ |

ITEM 6 - AIR VALVES

- | | | | | | |
|----|---|------|---|------------|---------|
| a. | 8 | Each | Air Valve & Manhole Assembly - Complete | \$ ____/EA | \$ ____ |
|----|---|------|---|------------|---------|

ITEM 7 - CONNECT TO EXISTING WATER MAINS

- | | | | | | |
|----|---|------|--|------------|---------|
| a. | 1 | Each | 12-Inch x 12-Inch Tapping Sleeve and Valve | \$ ____/EA | \$ ____ |
| b. | 1 | Each | 16-Inch x 16-Inch Tapping Sleeve and Valve | \$ ____/EA | \$ ____ |
| c. | 1 | Each | 24-Inch Solid Sleeve | \$ ____/EA | \$ ____ |

ITEM 8 - THRUST RESTRAINT

- | | | | | | |
|----|----|------|----------------------------|------------|---------|
| a. | 11 | Each | 24-Inch Pipe Thrust Collar | \$ ____/EA | \$ ____ |
| b. | 13 | C.Y. | Thrust Blocking | \$ ____/CY | \$ ____ |

ITEM 9 - CLEANUP, TESTING, AND DISINFECTION

- | | | | | | |
|----|--------|------|------------------|------------|---------|
| a. | 29,500 | L.F. | All Diameters | \$ ____/LF | \$ ____ |
| b. | 5 | Each | Sampling Station | \$ ____/EA | \$ ____ |

ITEM 10 - BORE AND JACK CROSSINGS

- | | | | | | |
|----|-------|------|---|------------|---------|
| a. | 1,210 | L.F. | 36-Inch Steel Casing | \$ ____/LF | \$ ____ |
| b. | 90 | L.F. | 36-Inch Steel Casing for bore at Sta 124+38 to Sta 125+28 | \$ ____/LF | \$ ____ |
| c. | 1,300 | L.F. | 24-Inch DIP in Casing | \$ ____/LF | \$ ____ |

ITEM 11 - REMOVE AND REPLACE PAVEMENT

- | | | | | | |
|----|-------|------|-----------------|------------|---------|
| a. | 1,500 | S.Y. | Asphalt | \$ ____/SY | \$ ____ |
| b. | 600 | S.Y. | Concrete | \$ ____/SY | \$ ____ |
| c. | 3,800 | L.F. | Sidewalk | \$ ____/LF | \$ ____ |
| d. | 2,500 | L.F. | Curb and Gutter | \$ ____/LF | \$ ____ |

ITEM 12 - MISCELLANEOUS CONCRETE

- | | | | | | |
|----|----|------|------------------------------|------------|---------|
| a. | 30 | L.F. | 24" Concrete Pipe Encasement | \$ ____/LF | \$ ____ |
|----|----|------|------------------------------|------------|---------|

ITEM 13 - TRENCH ROCK EXCAVATION

- a. 1,400 C.Y. Base Cost \$40.00 /CY \$56,000.00
- b. 1,400 C.Y. Premium Cost \$_____/CY \$_____

***** ADDITIONAL WORK IF ORDERED BY THE ENGINEER *****

ITEM 14 - TRENCH STABILIZATION

- a. 500 C.Y. Beyond Bedding \$_____/CY \$_____

ITEM 15 - REMOVAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH

- a. 500 C.Y. Crushed Stone \$_____/CY \$_____
- b. 500 C.Y. Suitable Earth Material \$_____/CY \$_____

ITEM 16 - ADDITIONAL DEPTH OF COVER

- a. 1,000 L.F. 2-Foot Through 4-Foot \$_____/LF \$_____
- b. 500 L.F. 4-Foot Through 6-Foot \$_____/LF \$_____

ITEM 17 – FREE BORING 24-INCH DIP

- a. 500 L.F. Free Bore \$_____/LF \$_____

ITEM 18 - CASH ALLOWANCES

- a. Soils, Concrete, and Asphalt Testing \$20,000
- b. Construction Surveying \$15,000
- c. Additional Landscaping \$15,000
- d. Utility Conflict Resolution \$70,000
- e. Unknown Easement Stipulations \$20,000
- f. Blasting Monitoring \$20,000

The Bidder agrees hereby to commence work under this Contract, with adequate personnel and equipment, on a date to be specified in a written order of the Contracting Officer and to fully complete all work under this Contract within **300** consecutive calendar days from and including said date.

The Bidder declares that he understands that the quantities shown for the unit prices items are subject to either increase or decrease, and that should the quantities of any of the items of work be increased, the Bidder proposes to do the additional work at the unit prices stated herein; and should the quantities be decreased, the Bidder also understands that payment will be made on the basis of actual quantities at the unit price bid and will make no claim for anticipated profits for any decrease in quantities; and that actual quantities will be determined upon completion of work, at which time adjustments will be made to the contract amount by direct increase or decrease.

In case of discrepancies between the figures shown in the unit prices and the totals, the unit prices shall apply and the totals shall be corrected to agree with the unit prices. In case of discrepancies between written amounts and figures, written amounts shall take precedence over figures and the sum of all Bid extensions (of unit prices) plus lump sum items shall take precedence over BID TOTAL.

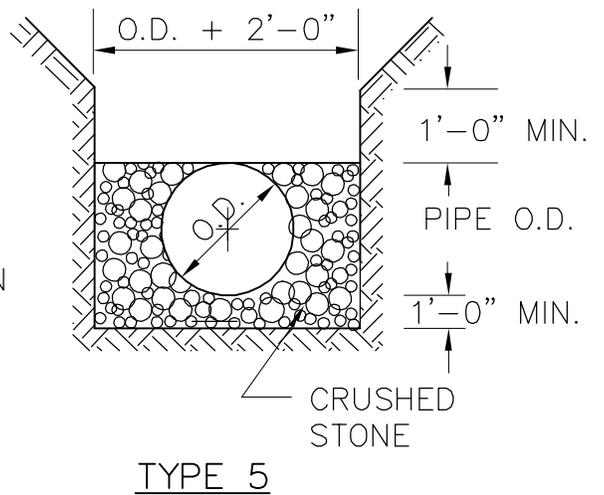
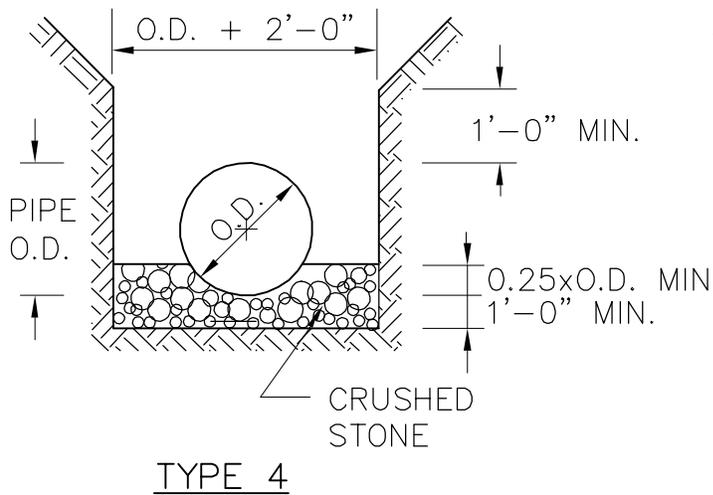
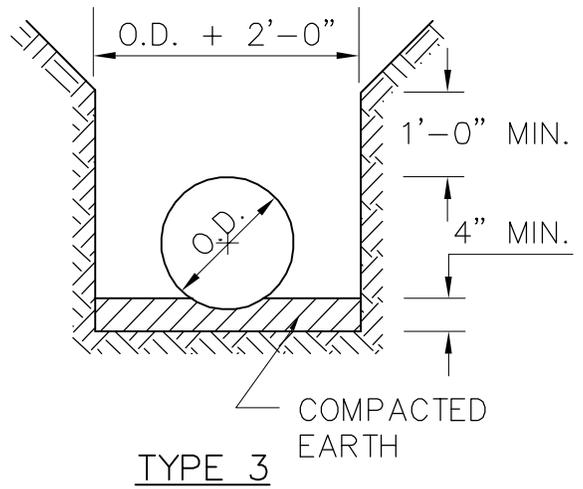
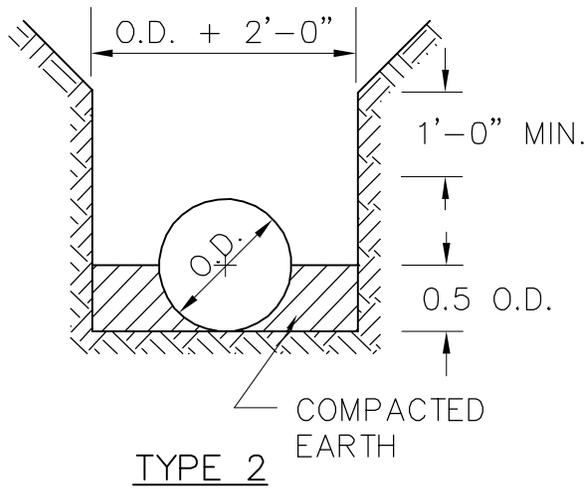
The Bidder furthermore agrees that, in the case of a failure on his part to execute the Contract Agreement and Bonds within ten (10) days after receipt of conformed contract documents for execution, the Bid Bond accompanying his bid and the monies payable thereon shall be paid into the funds of the Owner as liquidated damages for such failure.

Enclosed is a Bid Bond in the approved form, in the sum of: _____
_____ Dollars

(\$ _____) according to the conditions of "Instructions to Bidders" and provisions thereof.

The undersigned acknowledges receipt of the following addenda (list by the number and date appearing on each addendum) and thereby affirms that its Bid considers and incorporates any modifications to the originally issued Bidding Documents included therein.

ADDENDUM # _____ DATED _____



PIPE BEDDING & HAUNCHING DETAILS

N.T.S.

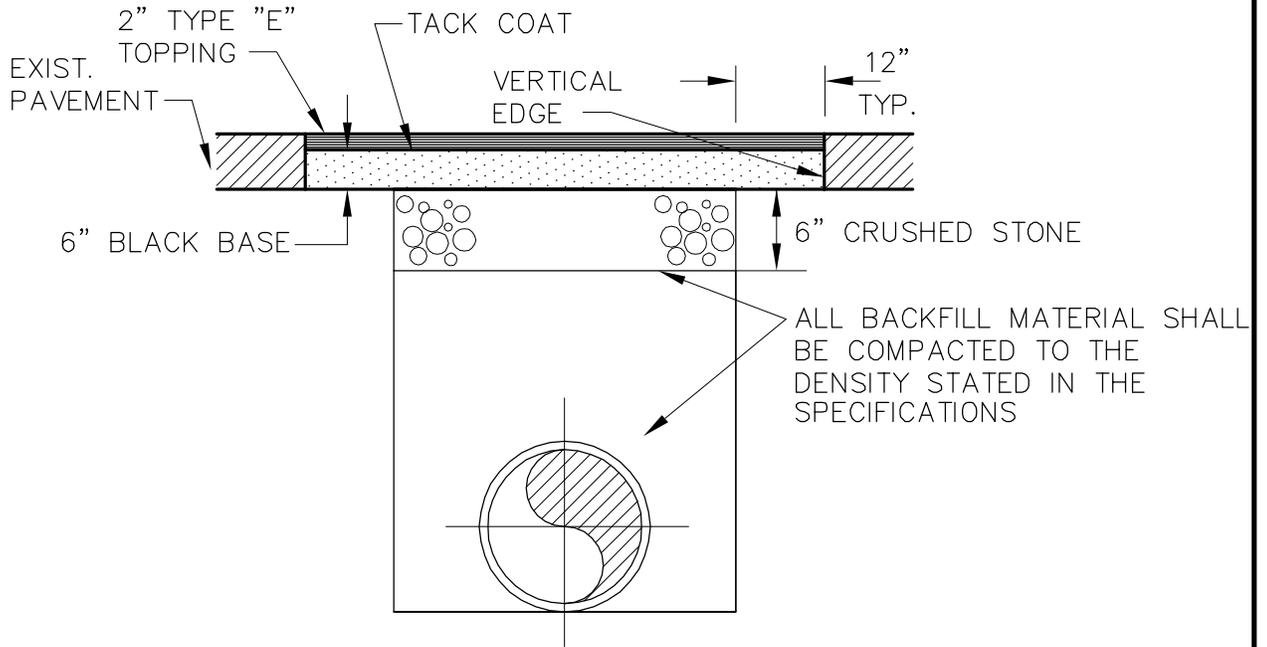
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FREEMANVILLE ROAD
WATER MAIN

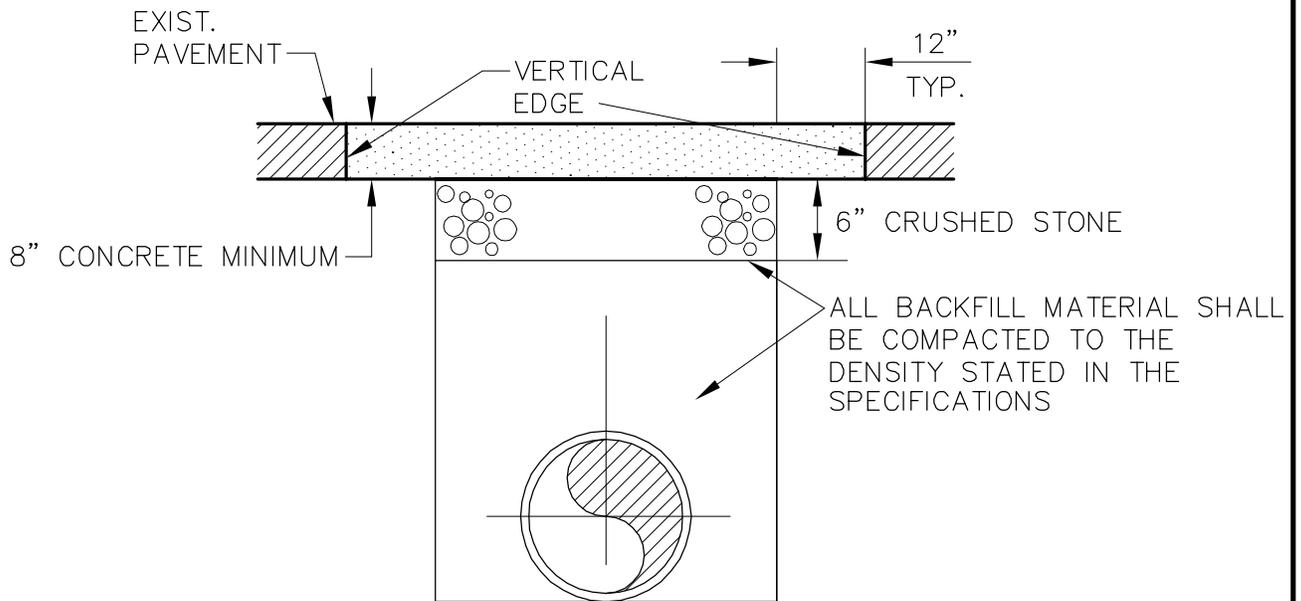
BOC, FULTON COUNTY, GEORGIA

PROJECT NO:	02016029
DATE:	JULY 2007
SCALE:	NTS
ADDENDUM NO.:	3
SHEET REVISED:	24
SKETCH NO.	1



ASPHALT REPLACEMENT DETAIL

NTS



CONCRETE REPLACEMENT DETAIL

NTS



**JORDAN
JONES &
GOULDING**

FREEMANVILLE ROAD
WATER MAIN

BOC, FULTON COUNTY, GEORGIA

PROJECT NO:	02016029
DATE:	JULY 2007
SCALE:	NTS
ADDENDUM NO.:	3
SHEET REVISED:	24
SKETCH NO.	2