

City of Pearl, MS
Southeast Sanitary Sewer Improvements
Pickering Firm, Inc. Project 25693.00

Plans, Specifications, and Contract Documents

TO: ALL PLANHOLDERS

FROM: Jonathan McLeod, PE

DATE: Thursday, 5 May 2022

The Plans, Specifications, and Contract Documents for this Project shall be amended as follows:

ADDENDUM #2

BIDDING DOCUMENTS

1. Added Bid Item # 19

Select Backfill (FM): 3,500 CY
2. Added Bid Item #20

Select Bedding (FM): 150 CY
3. Changed *Muck Excavation (FM)* Quantity

Increased from 75 CY to 3,650 CY
4. Added Bid Item #21

8" Gravity Sewer Bore (Unencased): 25 LF
5. Changed 16" *Steel Casing (Bored)* Quantity

Increased from 325 LF to 345 LF
6. Changed 8" *Gravity Sewer (Installed in Steel Casing)* Quantity

Increased from 325 LF to 345 LF
7. Changed 8" Gravity Sewer (Open Cut) Quantity

Decreased from 4,200 LF to 4,155 LF

8. Changed 48" Diameter Manhole (10' – 15' Depth) Quantity

Increased from 17 to 18.

****Revised Bid Form is included with this Addendum.**

PLANS & SPECIFICATIONS

1. Extended Steel Casing under Sweet Home Church Road by 20 L.F. on Sheet C4.01

Revised Sheet C4.01 is included with this Addendum.

2. Added 25 L.F. Bore (Un-encased) beneath Existing 36" RCP Concrete Storm Pipe on Sheet C4.03

Revised Sheet C4.03 is included with this Addendum.

3. Added Manhole 29A on sheet C4.03.

Revised Sheet C4.03 is included with this Addendum.

4. Revised Specification Section 01025 Measurement & Payment to include aforementioned added bid items.

QUESTIONS/CLARIFICATIONS

1. "In some places on Whitfield Road our trench will be in part of both lanes of the road. If that is the case, would we be removing the whole road or just from the trench edge to the other side of the road (referring to General Note 26). Is the 2" surface course on General Note 27 going to be a full overlay or are we matching the elevation of the remaining road?"

In areas where the trench extends beyond the centerline of the road, the road should be repaired from edge-of-pavement to edge-of-pavement and match the existing elevation of the road to the extent practical. The purpose of note 26 is to prevent new joints in lanes running parallel to the center line; this road was recently repaved and should be returned to equal or better condition.

2. Will compaction testing be required for trenches outside of the roadway?

Yes; Refer to Specification Section 02320 Excavation, Trenching, And Backfilling for Utilities; Part 3.15, B. Compaction Test Frequency: 1. For trench lengths less than 300 feet, minimum of one

test for each layer of backfill. 2. For trench lengths in excess of 300 feet, perform a minimum of one test for ever 300 linear feet for each layer of backfill.

3. Will we be allowed to close Old Whitfield Road to through traffic if proper traffic control is used?

No

4. Will mulching be allowed for clearing and grubbing?

So long as area to be cleared is cleared and grubbed in accordance with the specifications, the method shall be left up to the Contractor.

5. Residential Connections:

Only 12 residences will receive a service line and connection beyond right-of-way. The addresses for these residences are included on Plan Sheet G0.03, Note 21; the line and connection beyond right-of-way will be paid for under bid item #13 Residential Service Line and Connection. ONLY these 12 residences shall include work (paid for under this contract) beyond right-of-way.

Bid item #12, Service Connection Assembly, will pay for a lateral service connection assembly and cleanout at right-of-way for the aforementioned 12 residences as well as other residences adjacent to the new gravity sewer. The plans indicate approximate locations for some (but not all) of these connections.

ITEMS IN CONFLICT WITH THIS ADDENDUM ARE HEREBY DELETED.

THIS ADDENDUM IS TO BE ACKNOWLEDGED BY THE BIDDER ON THE BID FORM.

Pickering Firm, Inc.



Jonathan McLeod, PE
5 May 2022



5/5/2022

overhead, profit, insurance, etc., to cover the finished work of the several kinds called for.

All erasures, changes or alterations of any kind must be initialed by the Bidder.

I. BASE BID

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
1	Mobilization / Demobilization	LS	1		
2	8" Gravity Sewer (Open Cut)	LF	4,155		
3	8" Gravity Sewer (Open Cut – Old Whitfield Road)	LF	2,495		
4	16" Steel Casing (Bored)	LF	345		
5	8" Gravity Sewer (Installed in Steel Casing)	LF	345		
6	12" Gravity Sewer (Open Cut)	LF	205		
7	48" Diameter Manhole (5' – 10' Depth)	EA	18		
8	48" Diameter Manhole (10' – 15' Depth)	EA	14		
9	Clearing and Grubbing	LS	1		
10	Seeding and Fertilizer	LS	1		
11	Erosion Control & SWPPP	LS	1		
12	Service Connection Assembly	EA	25		
13	Residential Service Line & Connection	EA	12		

14	Roadway Repair/Asphalt Paving	SY	4,200		
15	Miscellaneous Concrete	CY	5		
16	Traffic Control Measures	LS	1		
17	Muck Excavation	CY	3,650		
18	Solid Sodding	SY	600		
19	Select Backfill	CY	3,500		
20	Select Bedding	CY	150		
21	8" Gravity Sewer Bore (Unencased)	LF	25		
TOTAL (BASE BID) \$ _____					

II. BID SUMMARY

BASE BID

TOTAL BASE BID \$ _____

TOTAL BASE BID IN WORDS: _____

_____ **Dollars**

NOTE: The Bidder must bid any and all Alternates, if applicable. The City of Pearl reserves the right to select any, all, or none of the Alternates; whatever may be to the advantage of the City. The OWNER will award the Construction Contract to the lowest and best, responsive Bidder for the Base Bid plus selected Alternate(s), if any, unless the City elects to reject all bids. Reordering of the bids due to selection of Alternates is not the responsibility of the City.

Upon the receipt of written notice of acceptance of this Bid, the BIDDER will execute the formal Contract (attached) within ten (10) days and deliver the Surety Bonds and Certificates of Insurance as required by the General Conditions.

BIDDER hereby agrees to commence work under this Contract on or before a date to be

specified in written "Notice to Proceed" of the OWNER and to fully complete the Project within **120** consecutive calendar days thereafter as stipulated in the Specifications. BIDDER further agrees to pay as liquidated damages the sum of **Five Hundred and 00/100 Dollars (500.00)** for each consecutive calendar day thereafter as hereinafter provided in Paragraph 17 of the General Conditions.

The BID SECURITY attached in the sum of _____ DOLLARS (\$_____) is to become the property of the City of Pearl in the event the Contract and Contract Bonds are not executed within the time set forth as liquidated damages for the delay and additional expense to the City of Pearl.

BIDDER acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Date</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Respectfully submitted,

(Contractor)

BY: _____

(Business Address)

(SEAL - if Bid is by a Corporation)

Attachments:

SECTION 01025

MEASUREMENT AND PAYMENT

1.1 DESCRIPTION

- A. Contractor to furnish all labor, materials, tools, equipment, appurtenances and all services necessary to perform all work required, at the contract prices set forth in the Contract Agreement.
- B. No direct or separate payment will be made for providing miscellaneous temporary or accessory works, plant, services, Contractor's or Engineer's field offices, layout surveys, job signs, sanitary requirements, testing, safety devices, approval and record drawings, water supplies, power, removal of waste, watchmen, bonds, insurance, traffic management, erosion and sediment controls, pollution controls, and all other requirements of the Contract Documents. Compensation for all such services, things and materials to be included in the contract prices bid.

1.2 COMPENSATION

A. GENERAL:

- 1. The compensation as herein provided constitutes full payment for performance of the work. The compensation will further constitute full payment for all materials, labor, and equipment, and incidental items of construction furnished by the Contractor.
- 2. Material or work for which a Pay Item is not included in the Contract which is necessary to complete the work as contemplated under any section in the Specifications, furnished or performed, and is considered incidental to the completed construction no additional payment will be made.
- 3. There shall be no compensation for bypass pumping or dewatering.

B. ALLOWANCE ITEMS:

- 1. Payment for item(s) of work of this contract for which specific information is necessary to develop a bid price is not available prior to bidding; the allowance provides adequate budget and bonding to constitute full compensation for furnishing all labor, materials, and equipment, and performing any associated Contractor quality control, environmental protection, meeting safety requirements, test and reports, and for performing work defined within the allowance.
- 2. Payment to the Contractor for work on Allowance Item(s) represents direct costs associated with the item.
- 3. No Contractor markup permitted on Allowance Item(s).

1.3 PAY ITEMS

1. Mobilization / Demobilization

- A. Payment Schedule: Payment will be made for mobilization and demobilization at the Contract Lump Sum Price according to the schedule located in Section 01110 Mobilization – Demobilization.

2. 8" Gravity Sewer (Open Cut)

- A. Measurement: Based per linear foot supplied and installed in accordance with the plans and specifications.
- B. Basis of Payment: This item will be paid at the Contract Unit Price bid per linear foot including pipe, pits, trenches, bedding and backfill and site restoration. The unit price includes all material, shoring, equipment and labor, disposal of any debris, waste, or excess material.

3. 8" Gravity Sewer (Open Cut – Old Whitfield Road)

- A. Measurement: Based per linear foot supplied and installed beneath existing roadway in accordance with the plans and specifications.
- B. Basis of Payment: This item will be paid at the Contract Unit Price bid per linear foot including pipe, excavation and disposal, pits, trenches, bedding and backfill in accordance with the plans and specifications. The unit price includes all material, shoring, equipment and labor, disposal of any debris, waste, or excess material.

4. 16" Steel Casing (Bored)

- A. Measurement: Based per linear foot supplied and installed by method of boring.
- B. Basis of Payment: This item will be paid at the Contract Unit Price bid per linear foot including steel casing, pits, boring equipment, and all other materials and equipment necessary to install 16" steel casing by method of boring.

5. 8" Gravity Sewer (Installed in Steel Casing)

- A. Measurement: Based per linear foot supplied and installed inside casing.
- B. Basis of Payment: This item will be paid at the Contract Unit Price bid per linear foot including pipe, fittings, casing spacers, and all other materials and equipment necessary to install 8" gravity sewer inside steel casing.

6. 12" Gravity Sewer (Open Cut)

- A. Measurement: Based per linear foot supplied and installed in accordance with the plans and specifications.
- B. Basis of Payment: This item will be paid at the Contract Unit Price bid per linear foot including pipe, pits, trenches, bedding and backfill and site restoration. The unit price includes all material, shoring, equipment and labor, disposal of any debris, waste, or excess material.

7. 48" Diameter Manhole (5' – 10' Depth)

- A. Measurement: Measurement for manholes measuring 5 – 10 vertical feet is based as per each supplied and installed in accordance with plans and specifications.
- B. Basis of Payment: This item will be paid at the contract unit price bid per each manhole (5' – 10') supplied and installed, complete in place, with inlet and outlet connections, base section, channel, all riser sections, cone, frame and rim, manhole cover and all other materials and necessary items of work required.

8. 48" Diameter Manhole (10' – 15' Depth)

- A. Measurement: Measurement for manholes measuring 10 – 15 vertical feet is based as per each supplied and installed in accordance with plans and specifications.
- B. Basis of Payment: This item will be paid at the contract unit price bid per each manhole (10' – 15') supplied and installed, complete in place, with inlet and outlet connections, base section, channel, all riser section, cone, frame and rim, manhole cover and all other materials and necessary items of work required.

9. Clearing and Grubbing

- A. Measurement: Clearing and grubbing shall be considered as a unit of work (Lump Sum).
- B. Basis of Payment: Clearing and grubbing shall be paid for at the Contract Lump Sum price bid, which shall be full compensation for the removal and disposal of all trees and stumps, roots, vegetation, or any other waste material and debris within the limits of easements; and all other materials, equipment, tools, labor and incidentals necessary to complete the work.

10. Seeding & Fertilizer

- A. Measurement: The completed and accepted seeding will be measured as a unit of work (Lump Sum).
- B. Basis of Payment: Seeding and top seeding shall be paid for at the Contract Lump Sum price bid, which shall be full compensation for furnishing, planting, fertilizing and maintaining the seeds on all disturbed area until final acceptance of the Contract; and for ground preparation, watering, all materials, equipment, tools, labor and incidentals necessary to complete the work.

11. Erosion Control & SWPPP

- A. Measurement: Erosion control measures and preparation of SWPPP shall be considered as a unit of work (Lump Sum)
- B. Basis of Payment: Payment shall constitute full compensation for the preparation and on-site holding of storm water pollution prevention plan; silt fence, erosion checks, bales, and all other materials and work necessary to provide erosion control along perimeter of the working area.

12. Service Connection Assembly

- A. Measurement: Measurement for lateral service connection assembly is based per each supplied and installed as per plans and specifications.

- B. Basis of Payment: This item will be paid for at the Contract Unit Price bid per each assembly supplied and installed up to easement / property lines. The unit price includes excavation, backfill, service lateral pipe, all fittings, service marker, and site restoration.

13. Residential Service Line & Connection

- A. Measurement: Measurement for Residential Service Line & Connection is based per each supplied and installed as per the plans and specifications.
- B. Basis of Payment: This item will be paid for at the Contract Unit Price bid per each supplied and installed to provide sewer service to residences as identified in the plans; including excavation, backfill, service lateral pipe, corp. stops, curb stops and check valves, meter boxes, warning tape and/or tracer wire, locating and disconnecting existing services from septic systems, connection of new pipe to existing service, and site restoration. The unit price includes all material shoring, equipment and labor, disposal of any debris, waste, or excess material.

14. Roadway Repair / Asphalt Paving

- A. Measurement: Roadway Repair / Asphalt Paving is based per square yard complete in place and accepted.
- B. Payment: This item will be paid for at the Contract Unit Price bid per square yard of roadway excavated and fully restored including, but not limited to, backfilling and compaction, lime treatment asphalt paving, re-striping; and all other materials, equipment, labor, disposal of debris, waste or excess material, required to return the roadway to like conditions or greater.

15. Miscellaneous Concrete

- A. Measurement: The area of completed and accepted Cast-In-Place Concrete will be measuring and computed in cubic yards.
- B. Payment: This item will be paid for at the Contract Unit Price bid per cubic yard for Miscellaneous Cast-In-Place Concrete; price to be full compensation for disposal of surplus material; and for all material forms, equipment, tools, labor and incidentals necessary to complete the work.

16. Traffic Control Measures

- A. Measurement: Traffic Control Measures shall be considered a unit of work (Lump Sum)
- B. Payment: Traffic Control Measures shall be paid for at the Contract Lump Sum price bid for all signage, signals, markings, barriers and all other associated equipment to control and maintain access and traffic along all roadways in the work zone; and all other materials, equipment, tools labor and incidentals necessary to complete the work.

17. Muck Excavation (FM)

- A. Measurement: Excavating to remove unstable soil as authorized shall be measured for payment by the cubic yard.
- B. Basis of Payment: Muck Excavation shall be paid for at the Contract Unit Price bid per cubic

yard (FM). Payment shall constitute full compensation for excavation, haul, and disposal of muck.

18. Solid Sodding

- A. Measurement: Solid Sodding, supplied and established as specified, complete in place and accepted, will be measured per square yard.
- B. Basis of Payment: Solid Sodding, measured as prescribed above, will be paid for at the Contract Unit Price bid per square yard for solid sodding complete in place; which shall constitute full compensation for all trenching out, fine grading, ground preparation, seating the solid sod to the section specified; for backfill and disposal of surplus material; for furnishing, transporting and planting the sod; for all replanting deemed necessary; for furnishing water and watering; for all plant establishment; and for all other materials, equipment, tools, labor and incidentals necessary to complete the work.

19. Select Backfill (FM)

- A. Measurement: Material authorized and accepted for trench backfilling shall be measured for payment in cubic yards using the field measure (FM) method. Placement of backfill shall only be at the approval of the Engineer.
- B. Basis of Payment: Select backfill material for trench back filling shall be paid for at the Contract Unit Price per cubic yard (FM). Payment shall constitute full compensation for mining, mixing, hauling, placing, and compacting the select backfill material.

20. Select Bedding (FM)

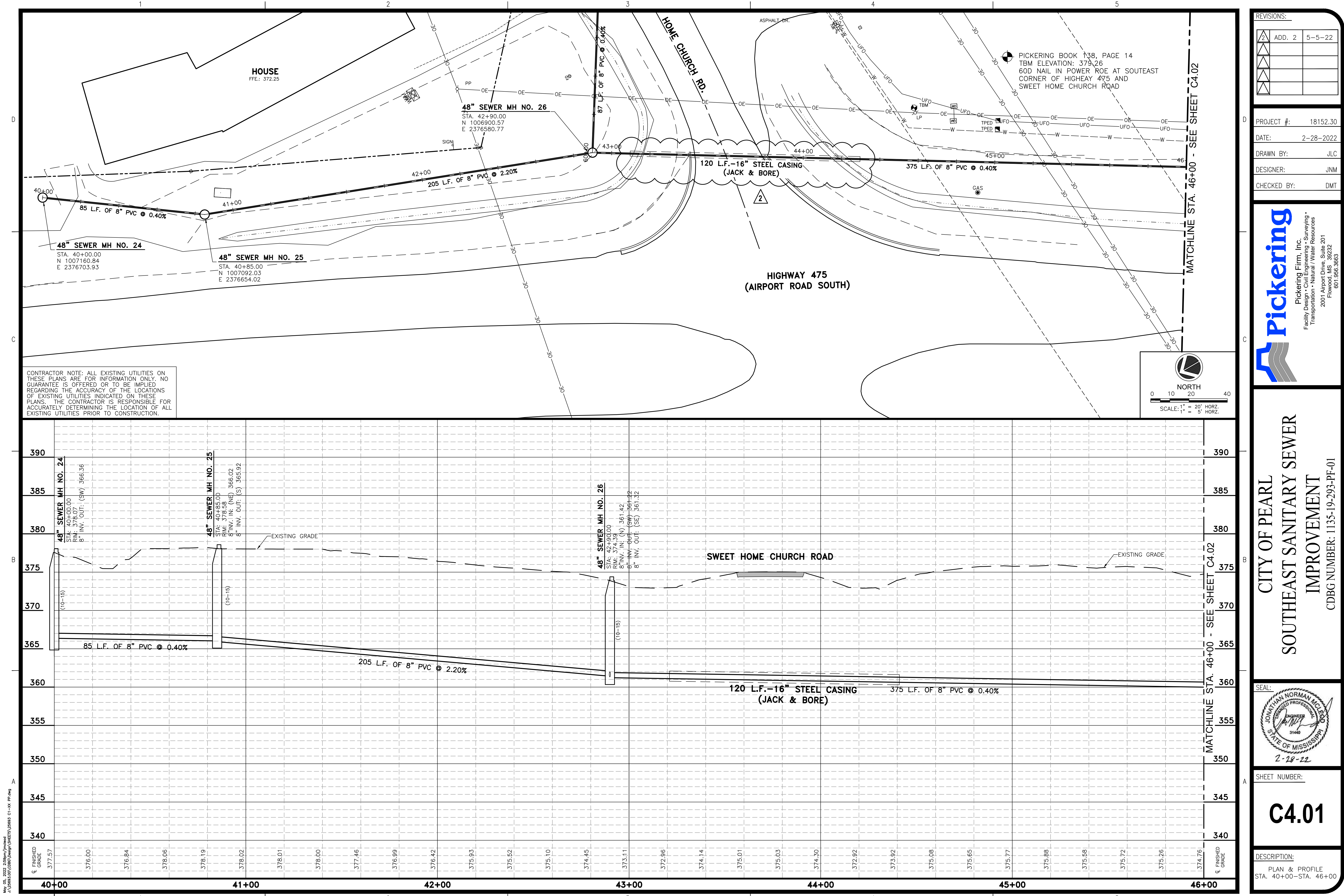
- A. Measurement: Material authorized and accepted for bedding undercut areas shall be measured for payment in cubic yards using the field measure (FM) method. Placement of bedding shall only be at the approval of the Engineer.
- B. Basis of Payment: Select bedding will be paid for at the Contract Unit Price per cubic yard (FM). Payment shall constitute full compensation for mining, mixing, hauling, placing, and compacting the select bedding material.

21. 8" Gravity Sewer Bore (Unencased)

- A. Measurement: Based per linear foot supplied and installed by method of boring.
- B. Basis of Payment: This item will be paid at the Contract Unit Price bid per linear foot including pipe, pits, boring equipment, and all other materials and equipment necessary to install the 8" gravity sewer by method of boring.

END OF SECTION 01025

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REVISIONS:

△	ADD. 2	5-5-22
△		
△		
△		

PROJECT #: 18152.30

DATE: 2-28-2022

DRAWN BY: JLC

DESIGNER: JNM

CHECKED BY: DMT

Pickering

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CITY OF PEARL
SOUTHEAST SANITARY SEWER
IMPROVEMENT
CDBG NUMBER: 1135-19-293-PF-01

SEAL:

JONATHAN NORMAN MC EEO
REGISTERED PROFESSIONAL
ENGINEER
31440
STATE OF MISSISSIPPI
2-28-22

SHEET NUMBER:

C4.01

DESCRIPTION:

PLAN & PROFILE
STA. 40+00-STA. 46+00

