



ADDENDUM NO. 1
PLANS, SPECIFICATIONS AND CONTRACT DOCUMENTS
NOVEMBER 24, 2025

PROJECT: I-16 / I-75 Phase 6 Sanitary Sewer Force Main

OWNER: Macon Water Authority

CEG FILE: M0175.037

TO: ALL BIDDERS

This addendum forms a part of the Contract Documents and modifies the original Specifications and Contract Documents as noted below. Acknowledge receipt of this addendum in the space provided on the Bid Form; failure to do so may result in disqualification of bidder.

SUMMARY OF PRE-BID CONFERENCE CLARIFICATIONS

Attached to this Addendum is the Sign In Sheet and Agenda from the Mandatory Pre-Bid Conference held on Thursday, November 20, 2025. Clarifications and Documents from the conference are presented as follows:

Clarifications:

1. The approximate date that the Notice to Proceed will be issued is February 16, 2026.
2. The existing 16" plug valve is installed on the branch line of an existing 16"x16" tee cut in during a previous CIPP project. The new 16" plug valve will be cut in and installed in line with the existing 16" force main between the existing tee and the existing discharge manhole. Attached to this addendum is diagram of the proposed plug valve installation and a picture of the existing tee and plug valve while they were being installed in the previous project.
3. *Section 00700 – General Conditions, Article 30, paragraph (d) Materials stored.* outlines the conditions that must be met to receive payment for stored materials.
4. A link to the Corbin Avenue 12-month flow data is included in the attachments to this document:
5. The Corbin Avenue Pump Station can not be throttled.

6. Section 01025 – Measurement and Payment, Part 2, Subsection 2.05 Bypass Pumping contains bypass pumping requirements. The bidder is advised that this section has been amended to include noise attenuation and auto dialer. The amended Section 01025 is attached to this addendum.
7. The inside walls and ceiling of the air release valve manholes are to receive high-build fiber-reinforce epoxy liner.
8. Copies of Contract Documents may be obtained at the office of the Engineer, (Carter Engineering Group, LLC, 6310 Peake Road, Suite 200, Macon, GA 31210, 478-219-2600) upon a non-refundable payment of \$150.00 for each set. A street address must be provided to ensure prompt delivery. No partial sets of bidding documents shall be issued. Bidders must purchase the Contract Documents in order to be eligible to submit a bid. Bid documents on the MWA website are for informational purposes only.

SPECIFICATIONS AND CONTRACT DOCUMENTS

Section 00300 - Bid Form: Delete section 00300 in its entirety and replace with the revised Section 00300 bearing “Revised by Addendum Number 1” in the header. **THE BIDDER MUST USE THE REVISED BID FORM WHEN SUBMITTING HIS OR HER BID.** The Bid Form changes are as follows:

Item 2c. AIR RELEASE VALVE ASSEMBLY - 3 INCH INCLUDING DOGHOUSE MANHOLE has been revised to AIR RELEASE VALVE ASSEMBLY - 3 INCH INCLUDING DOGHOUSE MANHOLE AND HIGH BUILD EPOXY LINING, TNE MEC (OR APPROVED EQUAL) COATING.

The Contract Time in the first paragraph on page 00300-3 has been corrected to read “One Hundred Twenty (120) consecutive calendar days”.

Section 01025 - Measurement and Payment: Delete section 01025 in its entirety and replace with the revised Section 01025 bearing “Revised by Addendum Number 1” in the header. Section 01025 changes are as follows:

Part 2 - Item 2.05 BYPASS PUMPING - retain as written and add the following:

G. Bypass pumping shall include noise attenuation as such to avoid excess sound during operation.

H. Bypass pumping shall include an auto-dialer to alert the contractor and the MWA in the event of bypass pump failure.

PROJECT PLANS

Plan Sheet C03 to be replaced with the plan sheet bearing the revision date of 11/11/2025. The plan sheet reflects a pipeline horizontal alignment change at EX SSMH 4

Plan Sheet C05 to be replaced with the plan sheet bearing the revision date of 11/11/2025. The plan sheet reflects a pipeline vertical alignment change at EX SSMH 4

ATTACHMENTS TO ADDENDUM 1:

Sign-in Sheet from Mandatory Pre-Bid Conference

Pre-Bid Conference Agenda

Section 00300 - Bid Form – Revised by Addendum Number 1

Section 01025 – Measurement and Payment – Revised by Addendum Number 1

Plan Sheet C03 – Revised 11/11/2025

Plan Sheet C05 – Revised 11/11/2025

Photo of existing 16" X 16" Tee and Plug Valve

Schematic Drawing of new 16" Plug Valve installation

Link to Corbin Avenue PS 12 Month Flow Data <https://carterenggrp.egnyte.com/dl/GKQkqBf4P3DH>

END OF ADDENDUM NO. 1

PRE-BID CONFERENCE
I-16/I-75 Sanitary Sewer Force Main
 for the
Macon Water Authority
Thursday November 20, 2025 at 10:00 AM

PRINTED NAME	COMPANY NAME	ADDRESS	CELL NUMBER	E-MAIL
Joe Wood	Carter Engineering Group	6310 Peake Road, Suite 200, Macon, GA 31210	Office: 478-219-2600	iwood@carterenggrp.com
Chas Shepherd	PDC	42 Collins Rd Forsyth, GA 30074	478 994 2627	Chas@pdc.com
Ed Hatcher	John R Walker Inc	405 E 475 Industrial Blvd Macon GA 31204	478-960-7215	ed@johnrwalker.com
Johnny Rogers	Pump Solution Sunbelt Rentals	2590 dogwood Dr Caryers GA 30013	470-554-4501	Johnny.Rogers@sunbeltrentals.com
Dustin Jarrrell	french Safety Sunbelt Rentals	2011 Gees mill Rd ne Caryers ga 30013	404 291 2790	Dustin.Jarrrell@sunbeltrentals.com
DAVID LEE	BRW CONSTRUCTION LGROUP	P.O. Box 1806 SAVANNAH, GA, 31402	913-499-9252	dylee@brwconstruction.com
Rock Rainwater	STRACK, INC	125 Laser Industrial Ct, Fairburn, GA	404-985-7966	brockr@strackinc.com
Hyke Williams	United Rentals Fluid Solutions	5260 Trumar Dr Decatur, GA 30035	404-960-8062	CWilliams12@ur.com

PRE-BID CONFERENCE
1-16/1-75 Sanitary Sewer Force Main
 for the
Macon Water Authority
Thursday November 20, 2025 at 10:00 AM

PRINTED NAME	COMPANY NAME	ADDRESS	CELL NUMBER	E-MAIL
<i>Kyle Phillips</i> Danny McElwany	Helix Grading & Utility LLC	30 Industrial Drive Zebokn, GA 30295	404-989-9780	danny@helixllc.com
<i>Rick Lester</i>	<i>MWA</i>	<i>—</i>	<i>478-256-9353</i>	<i>rls12@maconwater.org</i>
<i>Cedrick Jenkins</i>	MWA	<i>—</i>	478-447-4556	cjenkins@maconwater.org
<i>Chris Vegas</i>	MERSINO	2377 Rook-Away Blvd. Conyers, GA	470-914-7170	ATLANTA.SALES@MERSINO.COM
<i>Drew Connell</i>	CAVCO	400 Front St Bon Air, AL	256-404-0198	dconnell@cavcovalve.com
<i>Eric Keller</i>	RDS E	679 Hwy 29 S Newnan, GA 30263	404-427-7716	ekeller@rdsein.com
<i>Byron Pyles</i>	<i>Pyles</i>	835 Hillcrest Ind. Blvd. Warren, GA 31804	478-719-8623	ByronP@Pylesinc.com
<i>Barren</i> <i>Desautell</i>	Rain For Rent	2330 Burntwood Dr Kennesaw, GA 30152	(404) 516-5566	desautell@rainforrent.com



**Mandatory Pre-Bid Conference
I-16 / I-75 Phase 6
Sanitary Sewer Force Main
for the
Macon Water Authority
Thursday, November 20, 2025 at 10:00 A.M.**

***** PLEASE SIGN-IN *****

AGENDA ITEMS

1. **Bid Date/Time: 2:00 P.M.**, Tuesday, December 9, 2025 - at the Macon Water Authority Engineering Training Room 537 Hemlock Street, Macon, GA 31201.
2. Cut Off Date for Pre-Bid Questions: Questions pertaining to the bid must be submitted in writing prior to 10:00 A.M., Tuesday, December 2, 2025.
3. Addenda Deadline for Current Bid Date: 2:00 P.M., Thursday, December 4, 2025.
4. Engineer Contacts:
 - Joe Wood (jwood@carterenggrp.com)
Cell: 770.656.6775
Office: 478.219.2600
 - Don Carter (dcarter@carterenggrp.com)
Office: 478.219.2600
5. Review of Project Scope:
 - A. The Work to be performed under this Contract shall consist of furnishing all labor, materials, tools, equipment and incidentals and performing all Work required to install approximately 2,035 LF of 24" DIPS DR 9 HDPE Sanitary Sewer Force Main by Open Trench and Aerial installation. The Work also includes connecting to an existing 16" Force Main and existing Gravity Sewer Manhole. The contractor shall also furnish and install cementitious epoxy lining on the existing manhole. The force main is to remain in place upon satisfactory completion of the work.
 - B. All Work described above shall be performed as shown on the Drawings and as specified. All work shall be done by those skilled in the type of work involved. When new work adjoins, connects or abuts existing work, the latter shall be altered as necessary and the work connected in a substantial and approved workmanlike manner. All work shall match as nearly as practical the existing, adjoining, and/or adjacent similar work. All existing work which is to remain, that is moved or disturbed or damaged by the contractor's operations shall be restored properly to original condition or replaced at no cost to the Owner.

- C. The Contractor is responsible for all dewatering requirements as necessary to handle the water accumulated while construction activities are in progress.

Coordination of Work/Special Conditions:

- A. The contractor is responsible for verifying all utility crossing locations and elevations, whether or not they are shown on plans.
- B. Bypass pumping will be performed by the Contractor. The cost for bypass pumping will not be measured separately for payment but shall be included in the L.F. price for the 24" sanitary sewer force main.
- C. Contractor to provide As-Built Record drawings to include a plan and profile of the sanitary sewer.
- D. This project has a completion time of 120 calendar days. Liquidated damages of \$200.00/day apply to each day beyond the 120-day schedule.
- E. Site access will be through Amerson River Park. Access may be restricted at certain times.
- F. This project is directly adjacent to GDOT PI 311400 – I-16/I-75 Phase 6. C.W. Matthews is the Prime Contractor for the GDOT. The successful bidder shall coordinate material staging and project access with C.W. Matthews. The successful bidder shall attend no less than monthly utility coordination meetings with the MWA and the Prime Contractor for the duration of the contract. The contact for CWM is Damon Bates, 678-800-2571.
- G. The GDOT has a contract with the MWA to monetarily reimburse for all work on this project. Backup records are required of the successful bidder for all invoicing. Records are to be maintained for a period of no less than five years. The successful bidder is responsible for complying with the Buy America Act as amended by the Build America Buy America Act under the Infrastructure Investment and Jobs Act. A Certificate of Compliance shall be furnished for all steel, iron, manufactured products and construction materials used on this project.
- H. Daily flow from the Corbin Avenue Lift Station is 3.3 MGD. Historically, the maximum down time for the Corbin Avenue Lift Station has been 2-3 hours under ideal conditions (i.e. no periods of heavy rain). The MWA will make every effort to coordinate the station shut down during construction but does not guarantee the extent of the down time or flow volume.

- I. River Levels: The project staging shall take into account that the project area is located adjacent to the Ocmulgee River and that river levels will fluctuate as well as ground water levels. It shall be the responsibility of the successful bidder to monitor river levels and the impacts that will affect the project.
6. Bid Form (Attached)
 - A. The Total Bid Amount (Base Bid) will include Items 1A through 2F.
 - B. The LF price for 24 Inch Sanitary Sewer Force Main is all inclusive.
 - C. Trench Rock does not have a base cost.
 7. Bid Package Requirements (Section 00100-3 Instructions to Bidders)
 - a. The Bid;
 - b. The Bid Bond;
 - c. Statement of Bidder's Qualifications;
 - d. Statement of Equipment;
 - e. Corporate Certificate, if the Bidder is a corporation;
 - f. Statement of Disadvantaged Business Enterprise ("DBE") compliance;
 - g. Contractor's License Certification;
 - h. Photocopy of State of Georgia Utility Contractor's License;
 - i. Photocopy of Certificate of Authority from Georgia Secretary of State's Office to do work in Georgia (if out of state contractor);
 - j. Non-Collusion Affidavit of Prime Bidder;
 - k. Any and all forms, certifications or other documentation required by the Georgia Department of Natural Resources Environmental Protection Division.

Upcoming Addenda Items:

- A. Addendum 1 – Notes & Sign-in Sheet from Pre-Bid Conference.
Correct Bid Form Contract Time to Reflect 120 Calendar Days
Revise Force Main Alignment at Existing Manhole 4.

B. Project clarifications as received.

Questions:

BID

TO: MACON WATER AUTHORITY

FROM: _____
(Bidder's Name)

FOR: _____

Submitted: _____, 20__

The undersigned Bidder, in compliance with your Invitation to Bid for the construction of this Project, having examined the Contract Documents and the site of the proposed Work, and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of materials and labor, hereby proposes to construct the Project in accordance with the Contract Documents.

The Bidder proposes and agrees, if this Bid is accepted, to contract with the Macon Water Authority, in the form of Contract Agreement specified, and to furnish all necessary products, machinery, tools, apparatus, means of transportation and labor necessary to complete the construction of the Work in full and complete accordance with the reasonably intended requirements of the Contract Documents to the full and entire satisfaction of the Macon Water Authority with a definite understanding that no money will be allowed for extra work except as set forth in the Contract Documents, for the following prices:

Bid

Item No.	Quantity	Unit	Description	Unit Price	Total Price
1	EROSION CONTROL				
1a.	3300	LF	TEMPORARY SILT FENCE, TYPE C (TP S – SENSITIVE AREAS)		
1b.	0.9	AC	GRASSING COMPLETE		
2	SANITARY SEWER FORCE MAIN				
2a.	2035	LF	SEWER FORCE MAIN - 24 INCH DIPS, DR9 HDPE, PRICE INCLUDES FURNISHING ALL EQUIPMENT, LABOR, FITTINGS AND MATERIALS TO COMPLETE THE FOLLOWING: CLEARING AND GRUBBING, INSTALLATION BY OPEN TRENCH, INSTALLTION ON EXISTING AERIAL SANITARY SEWER, BYPASS PUMPING, CONNECTION TO EXISTING 16 IN FORCE MAIN, DROP CONNECTION IN EXISTING DISCHARGE MANHOLE, TNE MEC (OR APPROVED EQUAL) COATING INSIDE DISCHARGE MANHOLE, REQUIRED TESTING & REPORTS		
2b.	1	EA	PLUG VALVE – 16 INCH		
2c.	2	EA	AIR RELEASE VALVE ASSEMBLY – 3 INCH INCLUDING DOGHOUSE MANHOLE AND HIGH BUILD EPOXY LINING, TNE MEC (OR APPROVED EQUAL) COATING		
2d.	100	CY	TRENCH ROCK EXCAVATION – REQUIRES VERIFICATION OF ROCK BY THE ENGINEER		
2e.	100	CY	TP II FOUNDATION BACKFILL MATERIAL (#57 STONE) – AS DIRECTED BY THE ENGINEER		
2f.	1	LUMP	AS BUILT SURVEY		
TOTAL BASE BID (ITEMS 1A-2F):					

Total Bid for Items 1a through 2f, inclusive, in the amount of

Dollars

(\$ _____) which sum hereinafter is called the "Base Bid".

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 Engineer, and to fully complete all Work under this Contract within One Hundred Twenty (120) consecutive calendar days from and including said date specified in the written order of the Engineer. Bidder understands that time is of the essence for the work under this Contract, and timely completion of the Work is important for MWA's operations. Therefore, Bidder further agrees to pay as liquidated damages, the sum of \$200.00 for each calendar day thereafter required to achieve substantial completion of all Work which Bidder agrees is a reasonable estimate of the damages that MWA would incur as a result in Bidder's delay in achieving substantial completion of the Work.

The Bidder declares an understanding that the quantities shown for unit price 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 additional costs or anticipated profits for any decrease in quantities; and that actual quantities will be determined upon completion of Work, at which time adjustment will be made to the Contract Price 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 the Bidder's represented BID TOTAL.

The Bidder furthermore agrees that, in the case of a failure to execute the Contract Agreement and Bonds within ten days after receipt of conformed Contract Documents for execution, the attached Bid Bond accompanying this Bid and the monies payable thereon shall be paid into the funds of the Macon Water Authority as liquidated damages for such failure.

Bid

Attached hereto is a Bid Bond for the sum of _____

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

Bidder acknowledges receipt of the Following Addenda:

Addendum No. 1, dated: _____

Addendum No. 2, dated: _____

Addendum No. 3, dated: _____

Addendum No. 4, dated: _____

Remainder of Page Left Blank
[Signatures, attestations, and seal on following page]

BIDDER: _____

By: _____

Name: _____
(Print or Type)

Title: _____

Address: _____

Phone: _____

Attest: _____

Name: _____
(Print or Type)

Title: _____

(SEAL)

Note: Attest for a corporation must be by the secretary of record for the corporation, as reflected in the records of the Georgia Secretary of State; for a partnership by another partner; for an individual by a notary.

Note: If the Bidder is a corporation, the Bid shall be signed by an officer of the corporation; if a partnership, it shall be signed by a partner. If signed by others, authority for signature shall be attached.

The full names and addresses of persons or parties interested in the foregoing Bid, as principals, are as follows:

<u>Name</u>	<u>Address</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

END OF SECTION

SECTION 01025
Measurement and Payment

PART 1 GENERAL

1.01 SCOPE

- A. The Bid lists each item of the Project for which payment will be made. No payment will be made for any items other than those listed in the Bid.
- B. Required items of work and incidentals necessary for the satisfactory completion of the work which are not specifically listed in the Bid, and which are not specified in this Section to be measured or to be included in one of the items listed in the Bid, shall be considered as incidental to the work. All costs thereof, including Contractor's overhead costs and profit, shall be considered as included in the lump sum or unit prices bid for the various Bid items. The Contractor shall prepare the Bid accordingly.
- C. Work includes furnishing all labor, equipment, tools and materials, which are not furnished by the Owner and performing all operations required to complete the work satisfactorily, in place, as specified and as indicated on the Drawings (if required).

1.02 DESCRIPTIONS

- A. Measurement of an item of work will be by the unit indicated in the Bid.
- B. Final payment quantities shall be determined from the record drawings. The record drawing lengths, dimensions, quantities, etc. shall be determined by a survey after the completion of all required work. Said survey shall conform to Section 01720 of these Specifications. The precision of final payment quantities shall match the precision shown for that Bid Item.
- C. Payment will include all necessary and incidental related work not specified to be included in any other item of work listed in the Bid.
- D. Unless otherwise stated in individual sections of the Specifications or in the Bid, no separate payment will be made for any item of work, materials, parts, equipment, supplies or related items required to perform and complete the work. The costs for all such items required shall be included in the price bid for item of which it is a part.
- E. Payment will be made by extending unit prices multiplied by quantities provided and then summing the extended prices to reflect actual work. Such price and payment shall constitute full compensation to the Contractor for

furnishing all labor, equipment, tools and materials not furnished by the Owner and for performing all operations required to provide to the Owner the entire Project, complete in place, as specified and as indicated on the Drawings.

- F. "Products" shall mean materials or equipment permanently incorporated into the work.

PART 2 ITEMS

2.01 CLEARING AND GRUBBING

- A. All costs for clearing and grubbing including necessary offsite disposal of cleared trees, stumps, underbrush and debris shall be included in the unit price bid for 24" Force Main.
- B. The cost of moving and reestablishing landscape features, including labor and materials, shall be included in the unit price bid for the item to which it pertains.
- C. Clearing and grubbing shall also include removal and offsite disposal of obstructions in conflict with the work – but not included in other pay items.

2.02 EROSION AND SEDIMENTATION CONTROL

- A. General
1. No separate payment shall be made for temporary and/or permanent erosion and sedimentation controls. All temporary and/or permanent erosion and sedimentation control costs shall be included in the unit price bid for the item to which it pertains.
 2. No payment will be made for any portion of the Project for which temporary erosion and sedimentation controls required are not properly maintained.
 3. Quantities for payment shall be based upon actual quantity constructed and authorized by the Engineer.
- B. Type "C" Sediment Barrier: All costs for silt fence, including installation, maintenance, repair, replacement, and removal, shall be included in the unit price bid for Type "C" Sediment Barrier.
- C. Stripping of Topsoil: No separate payment will be made to strip, stockpile, and respread topsoil. It shall be part of Excavation & Backfill.

2.03 TRENCH EXCAVATION AND BACKFILL

- A. No separate or additional payment will be made for any special or unique method, means, techniques or equipment necessary for the Contractor's compliance with these Specifications, regulatory requirements, permits, laws or regulations which govern this Project.
- B. Excavation: No separate payment will be made for excavation. All costs shall be included in the unit price bid for the item to which it pertains at the appropriate depth.
- D. Sheeting, Bracing and Shoring: No separate payment will be made for providing any sheeting, bracing and shoring.
- D. Geotextile Stabilization in Trenches: No separate payment will be made for providing and installing geotextile in trenches.
- E. Dewatering Excavations: All costs of equipment, labor and materials required for dewatering shall be included in the price bid for the item to which it pertains unless otherwise shown. No separate payment will be made for dewatering excavations.
- F. Trench Rock Excavation
 - 1. Rock excavation shall be paid for as an extra in addition to payment for pipe provided for elsewhere in these Specifications. Payment will be made for the measured quantity of rock excavated, at the sum of the unit prices for Trench Rock Excavation.
 - 2. The unit price for Trench Rock Excavation is for the normally anticipated cost of rock excavation, the cost of additional bedding and backfill material as specified and all costs incidental thereto.
 - 3. The Contractor shall not bid less than zero (bid a deduct) for the Trench Rock Excavation Cost. Any Bids containing a deduct will be declared non-responsive and rejected by the Owner.
 - 4. The maximum allowable volume of rock excavation for payment shall be based on a trench width equal to the outside diameter of the pipe barrel plus 18-inches, but not less than 36-inches, and depth of rock on the pipe centerline, from the top of the rock to the bottom of the rock or the specified bottom of the trench, whichever has the higher elevation.
 - 5. The Engineer must be given reasonable notice to measure all rock.
 - 6. No allowance shall be made for excavating to extra widths for

construction of manholes or other appurtenances, for excavating to sloping sides, or for excavations made necessary by the physical limitations of the Contractor's equipment. Cost of such additional rock excavation shall be included in the unit price bid for the item to which it pertains.

G. Initial Backfill

1. No separate payment shall be made for initial backfill.
2. No separate payment shall be made for drying out the initial backfill material in order to meet the compaction requirements.
3. No separate payment shall be made for the adding of moisture to the initial backfill materials in order to meet the compaction requirements.
4. No separate payment will be made for initial backfill materials that are brought in from offsite sources to backfill sanitary sewer mains or manholes that have been removed. All backfill costs shall be included in the Unit Price Bid for the item to which it pertains.

H. Final Backfilling

1. No additional payment will be made for additional material when excavated materials are used.
2. No separate payment shall be made for drying out the final backfill material in order to meet the compaction requirements.
3. No separate payment shall be made for the adding of moisture to the final backfill materials in order to meet the compaction requirements.
4. No separate payment will be made for final backfill materials that are brought in from offsite sources to backfill sanitary sewer mains or manholes that may have been removed. All final backfill costs shall be included in the Unit Price Bid for the item to which it pertains.

I. Additional Material: No separate payment will be made for additional earth or fill materials imported to the Project.

J. Compaction Testing: No separate payment will be made for compaction testing for each excavation and backfill area.

2.04 SEWERS AND ACCESSORIES

- A. Existing Utilities and Obstructions
1. Horizontal Conflict: Payments for conflicts with existing utilities shall be made only where additional manholes and/or additional lengths of pipe are approved by the Engineer. Said payment shall be made at the unit prices in the Bid. No other payment will be made for any delay or extra cost encountered by the Contractor due to protection, avoidance or relocation of existing utilities, mains or services or changing the horizontal alignment of the sewer.
 2. Vertical Conflict: Where authorized by the Engineer, payment for additional depth of cut required to avoid vertical conflicts shall be made at the unit prices bid for 24" Force Main. No payment will be made for relocation of existing utilities.
- B. Location and Grade
1. No separate payment shall be made for survey work performed by or for the Contractor in the establishment of reference points, benchmarks, cut sheets, limits of right-of-way or easement, including their restoration, as well as centerline or baseline points
- C. Construction Along Highways, Streets and Roadways: No separate payment shall be made for traffic control or maintaining highways, streets, roadways and driveways.
- D. Laying and Jointing Pipe and Accessories
1. Measurement for payment at the unit price for 24" Force Main shall be made from centerline of manhole to centerline of manhole or to inside face of structure wall penetrated. Depth of cut shall be measured from 6" below pipe invert to ground level at pipe centerline. Cut sheets prepared by the Contractor and approved by the Engineer shall be the basis for payment.
 2. No additional payment will be made for replacement of defective materials.
 3. No additional payment will be made for maintaining flow while placing the new sewer in service.
 4. No separate payment shall be made for detection tape.
 5. No payment will be made for cutting and beveling pipe.

Measurement & Payment

6. Steel encasement pipe of the wall thickness and diameter specified will be measured by the linear foot of steel casing pipe installed. Carrier pipe will be measured and paid for separately.
- E. Manhole and Precast Concrete Product Construction
1. Standard, Drop (Interior and Exterior), and Doghouse Manholes will be measured per each manhole constructed including the 24" Frame and Cover.
 2. All costs for constructing standard, doghouse and drop manholes including but not limited to the precast concrete base, poured in place concrete base, the transition slab for bases larger than four foot diameter, rubber boots, grouting, inverts, riser sections, connecting the pipes to the manhole and concrete collars connecting steel casings to the manhole, shall be included in the unit price bid for the 2" Air Release Valve.
 3. Payment for connection to existing manhole shall include penetrating manhole wall, neoprene boot, sealing connection, forming new invert and sealing the existing manhole with epoxy resin as indicated on the plan.
- F. Foundation Backfill Material, TPII:
1. Measurement: Measurement of Foundation Backfill Material shall be on the basis of the actual cubic yards of material required beyond normal trench construction as directed by the Engineer.
 2. Payment: Payment for furnishing and installing the foundation backfill material TP II shall be based on the unit price bid per cubic yard in the BID FORM.
- G. Testing: No separate payment for Testing shall be made.

2.05 BYPASS PUMPING

- A. Bypass Pumping will not be paid for separately. All costs for bypass pumping shall be included in the unit price bid for 24-inch force main.
- B. The Contractor is responsible for anticipating flows and coordinating with the MWA to obtain approval for the proposed bypassing plan.

- C. The Contractor shall ensure that an adequately sized back up pump is available in case of lead pump failure. The backup pump shall be placed where if the primary pump fails, then the backup can be put to use immediately.
- D. The Contractor is responsible for acquiring any necessary Environmental, Federal, State, Local and any other permits necessary for bypass pumping.
- E. The Contractor is responsible for coordinating with the MWA and the GDOT project manager for bypass pump location and operating hours.
- F. The release of raw wastewater onto the ground or into a receiving stream is strictly prohibited. The Contractor is responsible for paying all fines imposed for overflows or spills during construction.
- G. Bypass pumping shall include noise attenuation as such to avoid excess sound during operation.
- H. Bypass pumping shall include an auto-dialer to alert the contractor and the MWA in the event of bypass pump failure.

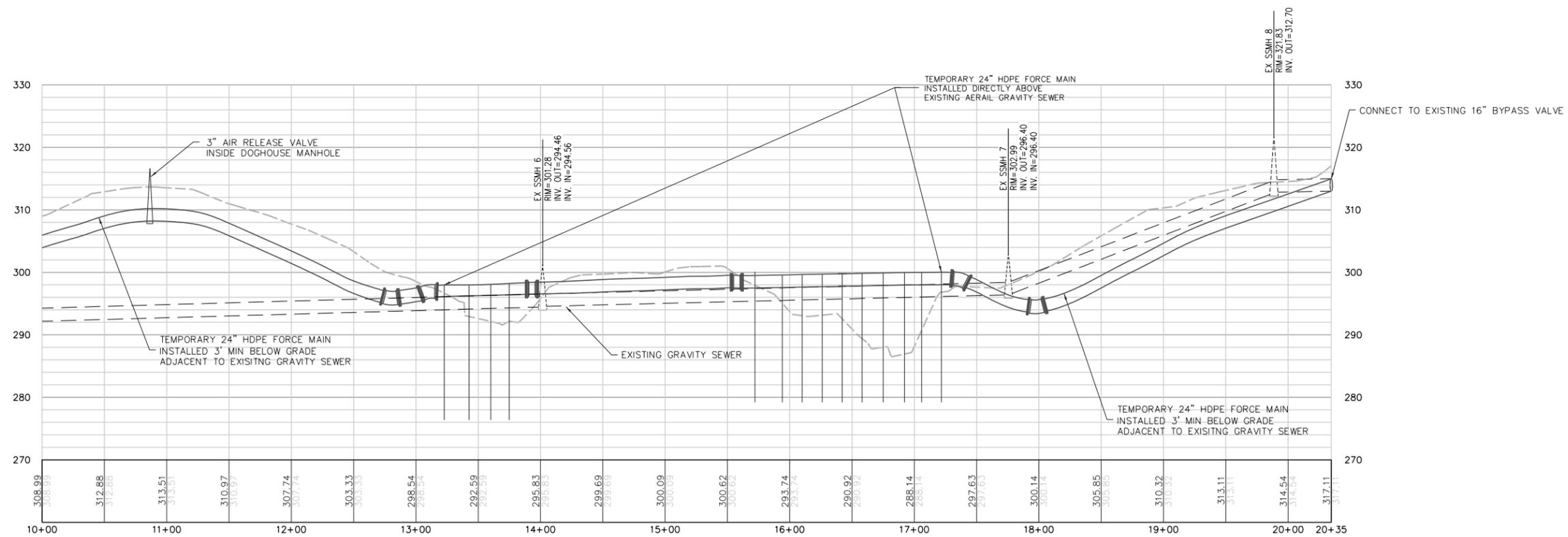
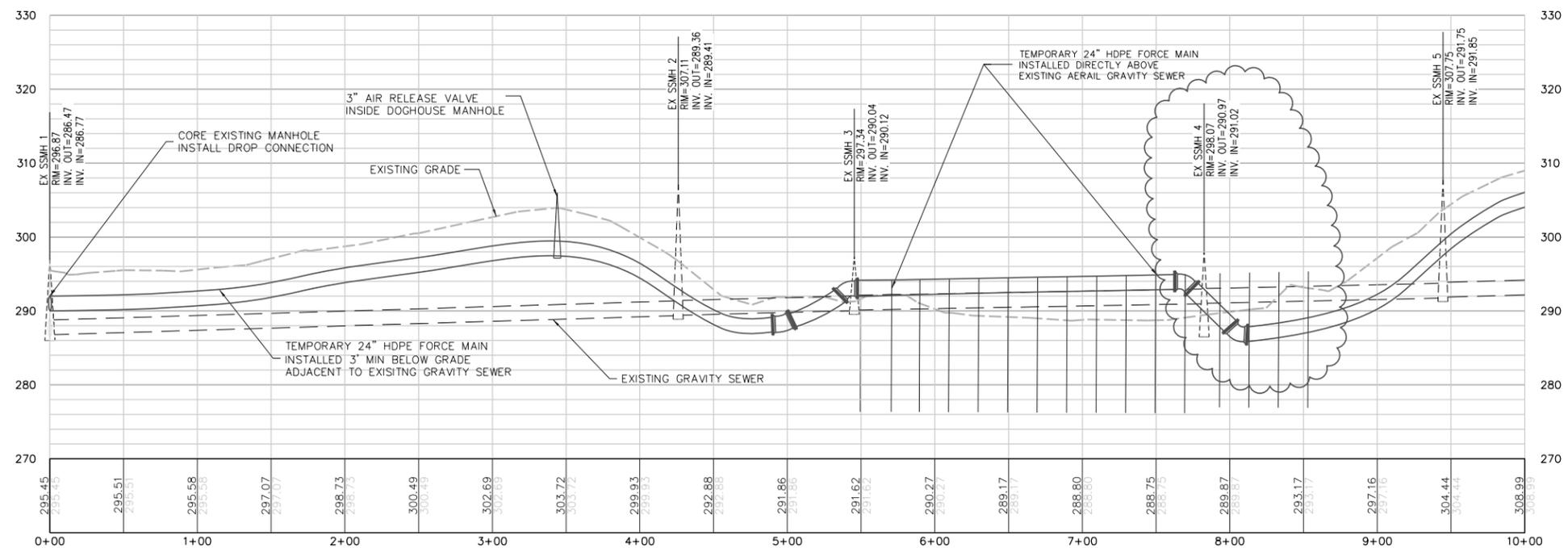
2.06 SITE ACCESS

- A. Site access is available through Amerson River Park, 2551 Pierce Drive North, Macon, GA 31204.
- B. No separate payment will be made for the cost of establishing, restoring or repairing the access drive to the site.
- C. All costs for access drive maintenance shall be included in the Unit Price bid for the item to which it pertains.

2.05 GENERAL CLEANUP

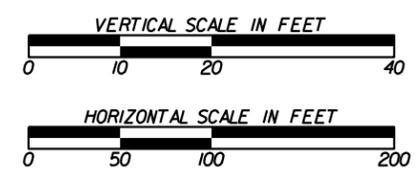
- A. No additional payment will be made for the general cleanup of the project and project area. Costs for labor, materials and equipment required for general cleanup shall be included in the unit price bid for the item to which it pertains.

END OF SECTION



UTILITY	EXISTING	REMOVAL	PROPOSED
POWER (O. H.)	-E-E-E-	-X-E-X-	-E-E-E-
POWER (U. G.)	---E---	-X-E-X-	---E---
POWER MH	(E)	(X)	(E)
TEL. (O. H.)	---T---	-X-T-X-	---T---
TEL. (U. G.)	---T---	-X-T-X-	---T---

UTILITY	EXISTING	REMOVAL	PROPOSED
TEL MH	(T)	(X)	(T)
WATER MAIN	---W---	-X-W-X-	---W---
GAS MAIN	---G---	-X-G-X-	---G---
STEAM MAIN	---SM---	-X-SM-X-	---SM---
POWER POLES	□	⊗	●

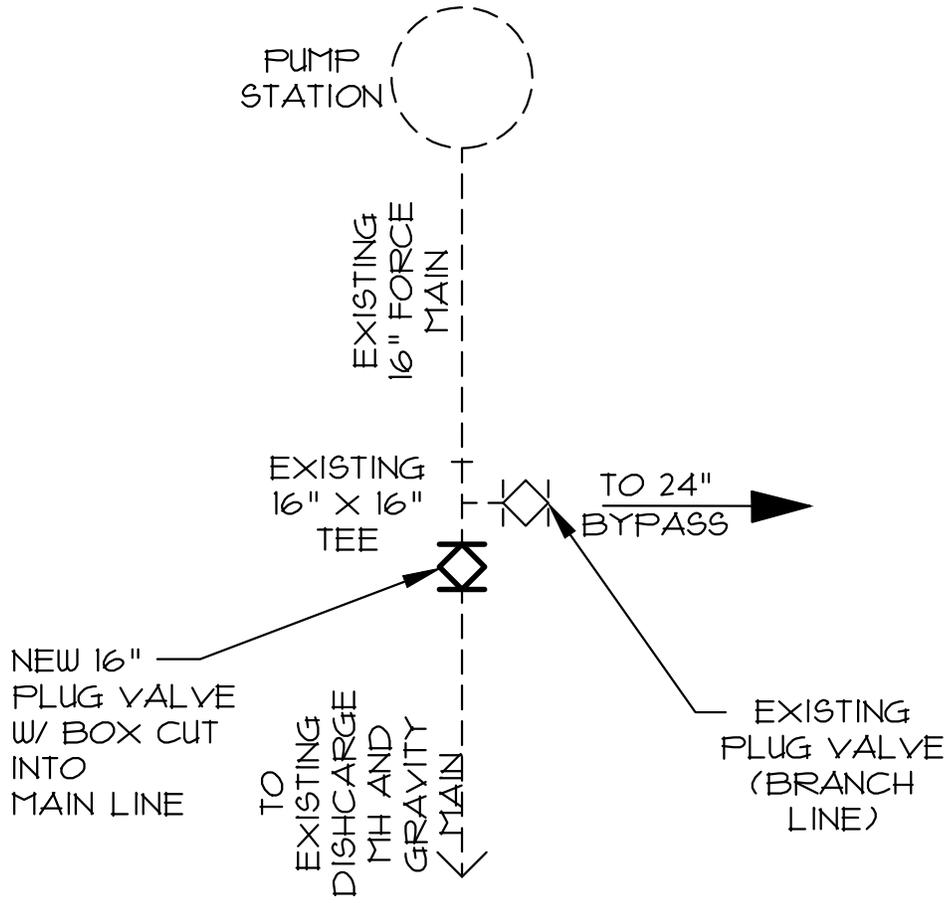


REVISION DATES	
11/11/2025	

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY
UTILITY PLANS
I-16 / I-75 INTERCHANGE IMPROVEMENTS - PHASE 6

DRAWING No.
C05





OCMULGEE RIVER

I-75

PLUG VALVE SCHEMATIC VIEW