



1600 Battle Creek Road
Morrow, GA 30260

Shoal Creek WRF UV Replacement

ADDENDUM No. 2

Date	Friday, April 9, 2021
Bid Number	2021-WR-04
Pre-Bid Meeting	Friday, April 2, 2021 at 2:00 p.m. local time
Bid Opening	Friday, April 16, 2021 at 2:00 p.m. local time

ADDENDUM MUST BE SIGNED AND INCLUDED IN YOUR BID SUBMITTAL

SECTION 00 91 13.02

ADDENDUM NO. 2

PART 1 – REVISIONS TO THE PROJECT MANUAL

The following REVISIONS shall be incorporated into the PROJECT MANUAL for the above-referenced project:

- A. Section 01 51 00 Temporary Utilities
 - 1. Remove Part 1.02.E.2 in its entirety.
- B. Section 01 55 00 Contractor Access and Parking
 - 1. Remove Part 1.03.A.3.b in its entirety.
- C. Section 01 75 00, Checkout and Startup Procedures
 - 1. Part 1.02.B.2.c, revised as follows: *“Equipment and material shall be operated for a minimum of ~~30-day~~ **14-day** operational period to verify performance.”*
- D. Section 46 00 00, Equipment General Provisions
 - 1. Part 3.03.E.5, revised as follows: *“Services after Startup: Where required by the individual equipment specifications, the Technical Representative shall return to the project site thirty (30) days after the startup date to review the equipment performance, correct any equipment problems, and conduct operation and maintenance classes as required by the Owner. This follow-up trip is required in addition to the specified services of Technical Representative prior to and during equipment startup. At this time, if there are no equipment problems, each manufacturer shall certify to the Owner in writing that his equipment is fully operational and capable of meeting operating requirements. If the equipment is operating incorrectly, the Technical Representative will make no certification to the Owner until the problems are corrected and the equipment demonstrates a successful ~~thirty (30)~~ **fourteen (14)** days operating period.”*



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All other terms and conditions of the PROJECT MANUAL remain unchanged.

PART 2 – REVISIONS TO THE DRAWINGS

The following REVISIONS shall be incorporated into the DRAWINGS for the above-referenced project:

- A. Sheet SD01
 - 1. Add detail C-32-0520 See attached.

All other terms and conditions of the DRAWINGS remain unchanged.

PART 3 – QUESTIONS AND ANSWERS

The following QUESTIONS and ANSWERS shall be incorporated into the PROJECT MANUAL for the above-referenced project:

- Q1: Will security fencing be required for the bypass pumps or is the plant considered a secured area? (Reference Section 01 57 40 1.06.D)**
A1: Security fencing is not required for the temporary pumping system.
- Q2: Please confirm if the contractor is or is not required to have an operator onsite during bypass operations 24/7 or will the Owner monitor the bypass during times when the contractor is offsite? (Reference 01 57 40 3.05.F)**
A2: Per 01 57 40 3.05 F. "A representative of the Contractor trained and certified by the pump supplier will oversee the bypass pump system operation during normal Contractor hours of operation defined in the General Conditions and during other times Contractor is mobilized on site. The Owner will oversee the bypass pump station operation outside of Contractor normal hours of operation."
- Q3: Please confirm the Owner will receive any liquids and solids removed in the work area at the plant. (Reference 01 14 00 1.06.B.5)**
A3: Spec 1.06.B.5.a "Contractor shall remove liquids and solids and dispose of them at appropriate location at the Site as directed by Engineer. Contents of pipes,



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tanks, basins, and conduits undergoing modifications shall be transferred to existing process tanks or conduits at the Site with capacity sufficient to accept such discharges, using hoses, piping, pumps, or other means provided by Contractor. Discharge of fluids across floors is not allowed."

The Owner will receive liquids and solids removed from the UV System into the manhole immediately upstream of the coarse screening and influent pump station.

Q4: Will the Owner provide water for testing?

A4: Plant utility water (W3) is available for Contractor use. Trojan Technologies has approved the use of plant utility water for testing their equipment.

Q5: Will Engineer's and Contractor's temporary field offices be required? (Reference 01 14 00 1.03.E.2)

A5: Engineer's and Contractor's temporary field offices are not required.

Q6: Will the Contractor be required to recommission the NaOCl disinfection system after removal of the bypass? (Reference 01 14 00 1.07.A.1&6)

A6: Contractor will be required to coordinate with and assist the Owner as needed for the 1) relocation of the NaOCl disinfection system prior to the start-up of the Bypass System and 2) removal of the NaOCl disinfection system following successful start-up of the UV Disinfection System.

Contractor is not responsible for recommissioning the NaOCl system upon completion/removal of the bypass system.

Q7: Is the contractor responsible for the NaOCl added to the process during bypass? (Reference 01 14 00 3.03.A.2.c)

A7: Contractor is not responsible for supplying the NaOCl added to the process at any time.

Q8: Will the contractor be required to provide night lighting via a temporary electrical service as described in this section? (Reference 01 51 00 1.03.A.3)

A8: Contractor is not responsible for providing night lighting. See Part 1 above.



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Q9: Will the contractor be required to employ watchmen to provide security and prevent unauthorized entry? (Reference 01 55 00 1.02.E.2)

A9: Contractor will not be required to employ watchmen for unauthorized entry to WRF site. See Part 1 above.

Q10: Will the Contractor be responsible for submittals from the UV System supplier? (Reference 46 66 01 1.04.A)

A10: Section 46 66 01 1.01.D. *"Shop drawings specific to the unit being furnished will be provided by Owner to the Contractor after the Notice-to-Proceed."*

Q11: Trojan will warranty the supplied equipment for a period of 12 months after startup. Section 01 61 00- 1.04.A.3 states the warranty will begin once the equipment is substantially complete which includes additional testing after startup. Is the contractor or the Owner responsible for equipment issues during any gaps between the Trojan warranty period and the warranty time required by the Owner? (Reference Appendix A Trojan Scope)

A11: The above question does not interpret the specifications correctly. There is no additional testing *'after Substantial Completion'*. Substantial Completion does not occur until all testing is complete. Per Section 01 61 00 1.04.A.3, the Warranty is to commence after Substantial Completion.

Trojan's warranty language provided in Appendix A states *"Trojan will warrant the equipment and parts for 12 months after start-up or 18 months after shipment, whichever comes first."* For the purposes of this contract, 'start-up' as referenced in Trojan's Appendix A warranty statement is the equivalent to 'substantial completion' defined in Section 00 72 00 Article 1.

To clarify, the 14-Day Operating Test Period does occur *after* Substantial Completion.

Q12: Will a mercury spill kit be required? (Reference 46 66 00 2.07.A.12)

A12: Mercury spill kit is required and is in Trojan Technologies' scope of supply.

Q13: Can an additional site visit day be scheduled?

A13: Representatives of Engineer can be present on Tuesday April 13, 2021 from 9:00 a.m. to 12:00 p.m. local time at Shoal Creek WRF, 301 Hampton Road,



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Hampton, GA 30228. Bidder shall schedule the Site visit at least 24 hours in advance by contacting Tammy Hill at (770) 330-2946.

- Q14: Please provide profile information on the force main being modified.**
A14: See attached Shoal Creek WRF 24 Inch Force Main Phase One Shoal Creek WRF To Inman Road Wetland Site Sheet P-1 (CCWA, 2001).
- Q15: In the as built plans the existing effluent line from the transfer pump station is 18” and not 24” as shown in the bid set. Please clarify. (Reference M104)**
A15: Robert and Company As-Built Sheet V39 shows a 24-inch effluent line as shown on Bid Set drawing M104.
- Q16: If the force main is emptied into the wet well so the meter can be installed, where shall the contents be pumped if they exceed the wet well capacity?**
A16: If the volume of the force main being drained exceeds the available storage volume of the wet well, then the wet well will need to be pumped to the On-Site Holding Pond.
- Q17: Is the Operational period 14 days or 30 days. See Section 01 73 00 3.08, Section 01 75 00 1.02.B.2.c.2, and Section 46 00 00 3.03.E.5?**
A17: The Operating Test Period is 14-days. See Part 1 above.

PART 4 – ATTACHMENTS

- A. Detail C-32-0520
- B. Shoal Creek WRF 24 Inch Force Main Phase One Shoal Creek WRF To Inman Road Wetland Site Sheet P-1 (CCWA, 2001).

END OF SECTION



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ADDENDUM No. 2

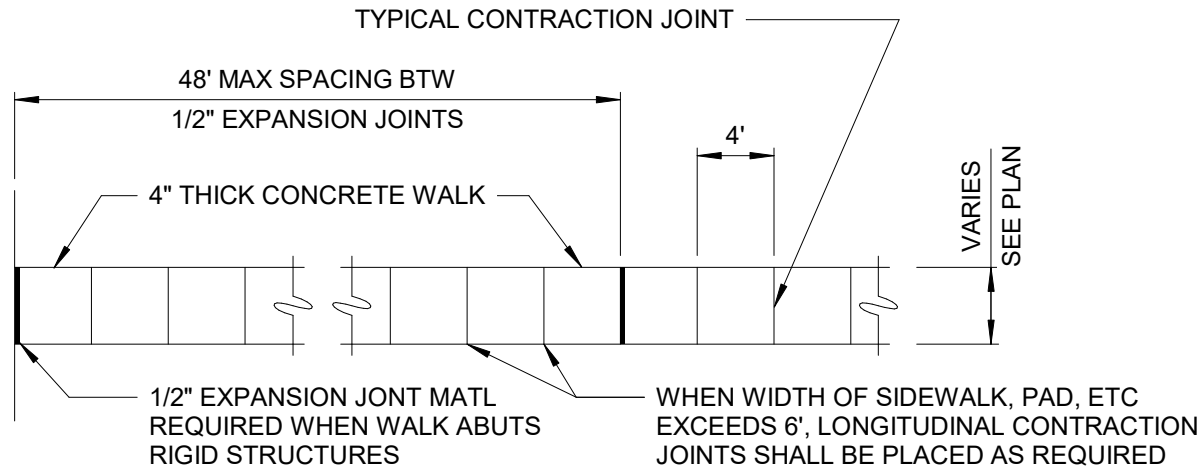
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Acknowledgment of receipt of this addendum must be signed and included in your bid submittal.

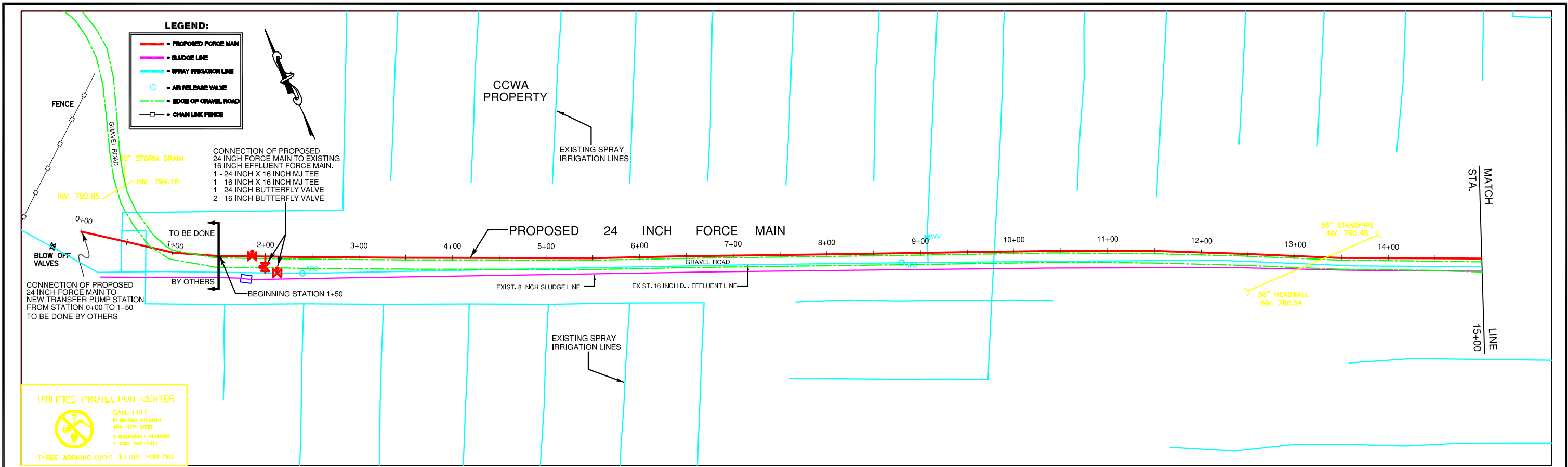
Company Name	
Signature	
Date	

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**TYPICAL CONCRETE WALKWAY
C-32-0520**

ADDENDUM NO. 2	DATE 4/8/2021	CLAYTON COUNTY WATER AUTHORITY MORROW, GEORGIA	H & S JOB NUMBER 32457-018	REFER TO CONTRACT DRAWING NUMBER SD01
ATTACHMENT NO. 1	BY TLH	SHOAL CREEK WRF UV REPLACEMENT	CONTRACT NUMBER 1	SHEET 1 OF 1



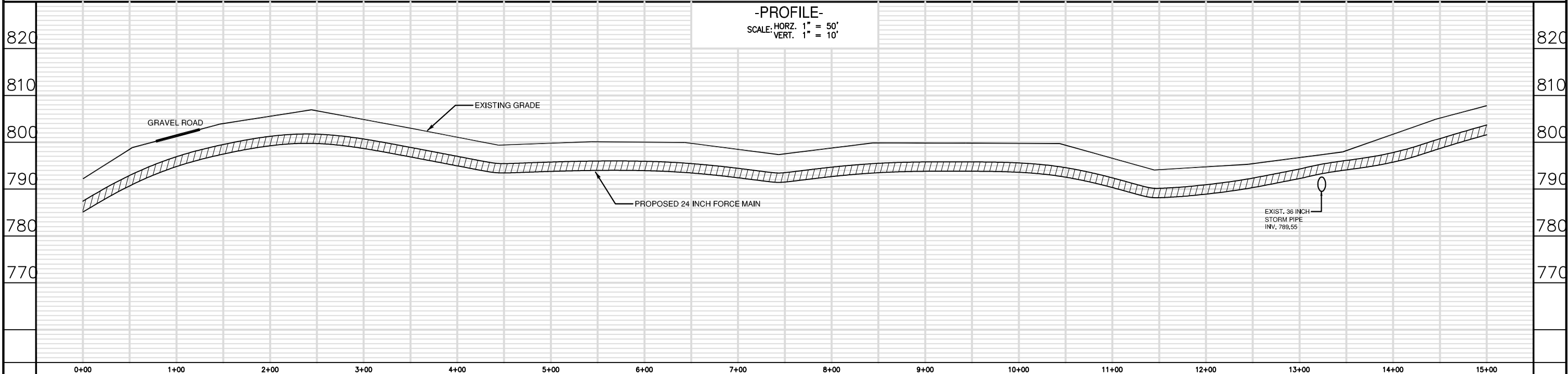
-PLAN-

SCALE: 1" = 50'

-PROFILE-

SCALE, HORZ. 1" = 50'

VERT. 1" = 10'



PLANS PREPARED BY:

CLAYTON COUNTY WATER AUTHORITY
 1600 BATTLE CREEK ROAD
 MORROW, GEORGIA 30260

THESE DRAWINGS ARE THE PROPERTY OF CLAYTON COUNTY WATER AUTHORITY AND MAY NOT BE REPRODUCED, COPIED, OR OTHERWISE REUSED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN CONSENT OF CLAYTON COUNTY WATER AUTHORITY. THE ACCEPTANCE OF THESE DRAWINGS SHALL BE CONSTRUED AS AN ACCEPTANCE OF THE FOREGOING AGREEMENT. IF THIS STATEMENT IS NOT IN RED THEN THESE PLANS ARE NOT AUTHORIZED.

PROJECT NAME:

SHOAL CREEK WRF
 24 INCH EFFLUENT FORCE MAIN PHASE ONE
 SHOAL CREEK WRF TO INMAN ROAD WETLAND SITE
 LAND LOTS 14, 19 & 46, DISTRICT 5
 CLAYTON COUNTY, GEORGIA

SEAL:

REVISIONS:

DATE:	NO.:	DESCRIPTION:

SHEET TITLE: PLAN + PROFILE STATION 0+00 - 15+00

DESIGN BY: DKW	DATE: 6/04/01
DRAWN BY: DKW	JOB #: 801-26
CHECKED BY:	DRAWING #: P-1
	SCALE: AS INDICATED
SHEET NUMBER 3 OF 13	