



# Utility Engineering Consultants, *LLC*

Phone : 205.951.3838  
FAX : 205.951.3839  
WEB : www.uecllc.com

130 Southcrest Drive, Suite 100  
Homewood, AL 35209  
P.O. Box 21918  
Birmingham, Alabama 35219

Oct 7, 2024

West Lauderdale Water and Fire Protection Authority  
3353 CR 200  
Florence, Alabama 35633

**RE: West Lauderdale Water and Fire Authority  
DWSRF Water System Improvements  
County Road 90 Water Line Extension  
DWSRF PROJECT NO. FS010204-02**

All Contractors shall acknowledge receipt of Addendum No. 1 for above referenced job by signing and returning this statement by fax to (205) 951-3839 or email to [ktwymon@uecllc.com](mailto:ktwymon@uecllc.com)

Contractor: \_\_\_\_\_

Received by: \_\_\_\_\_

Date: \_\_\_\_\_



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DWSRF Water System Improvements  
County Road 90 Water Line Extension  
DWSRF PROJECT NO. FS010204-02**

## **ADDENDUM NO. 1**

The changes, modifications and/or additions covered by and set forth in this Addendum No. 1 shall become part of and be incorporated in the Specifications, Contract Documents and Bid Documents for the above referenced project.

## **DRAWINGS**

Add the attached sheet of 12 of 12 to the set of plans.

This Addendum No. 1 should be added to the contract and Specifications Documents. Acknowledgement of receipt of Addendum No. 1 shall be noted in the Bid for Unit Price Section of this contract.

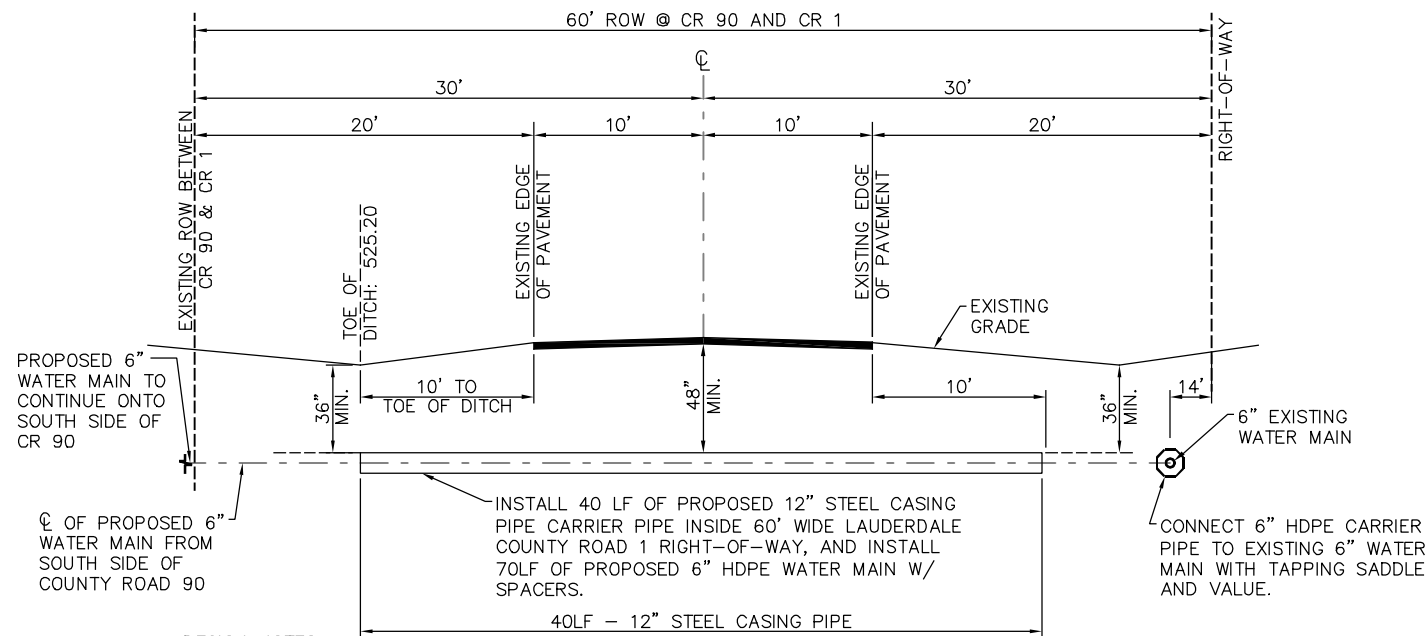
**UTILITY ENGINEERING CONSULTANTS, LLC.**

Roderick Hawkins, P.E.

RH/kt

Attachment: Sheet 12 of 12

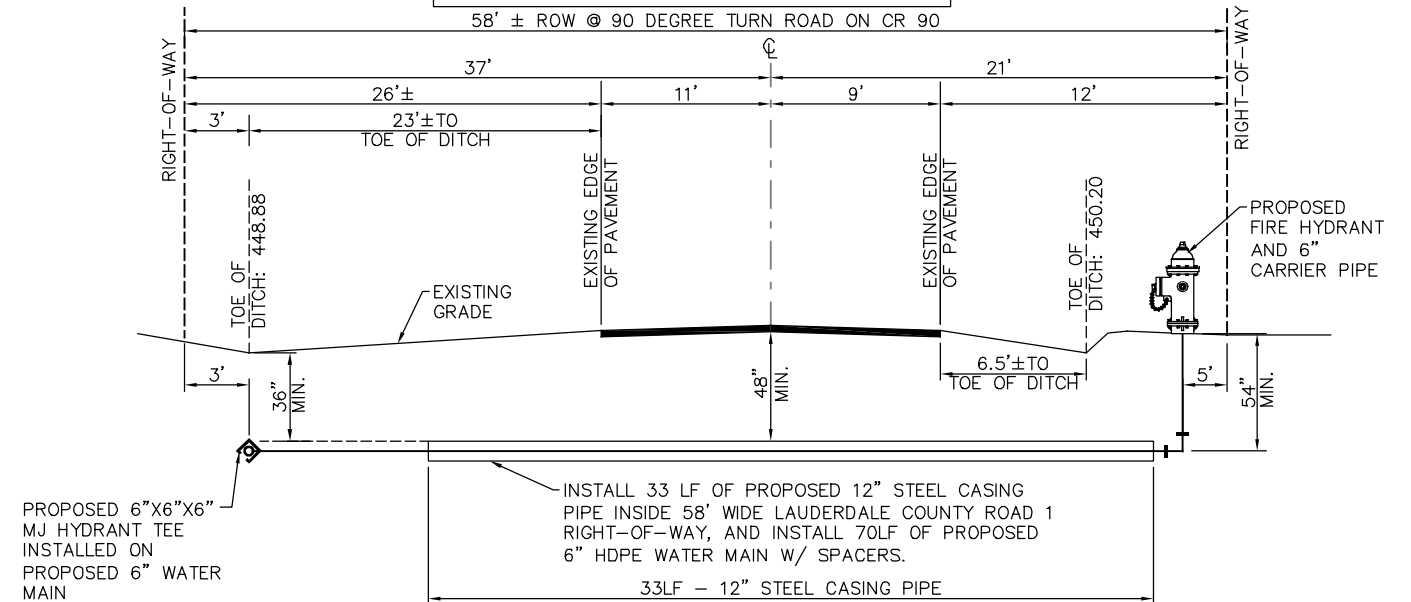
**TYPICAL SECTION VIEW FOR INSTALLATION OF PROPOSED 6" WATER MAIN TO EXISTING 6" WATER MAIN ON CR 1**



**DESIGN NOTES:**

- 1) SCALE OF DRAWING ABOVE IS NOT TO SCALE.
- 2) INSTALLATION LOCATED ON EAST SIDE OF 60' WIDE ROW AND 20' WIDE TWO LANE ASPHALT ROAD ON LAUDERDALE COUNTY ROAD 1.
- 3) METHOD OF INSTALLATION: DRY ROAD BORING.
- 4) 6" PROPOSED WATER MAIN INSTALLED ON SOUTH SIDE OF COUNTY ROAD 90. THEN TO CROSS COUNTY ROAD 1 AND TIE INTO EXISTING 6" WATER MAIN ON EAST SIDE OF LAUDERDALE COUNTY ROAD 1 WITH TAPPING SADDLE.

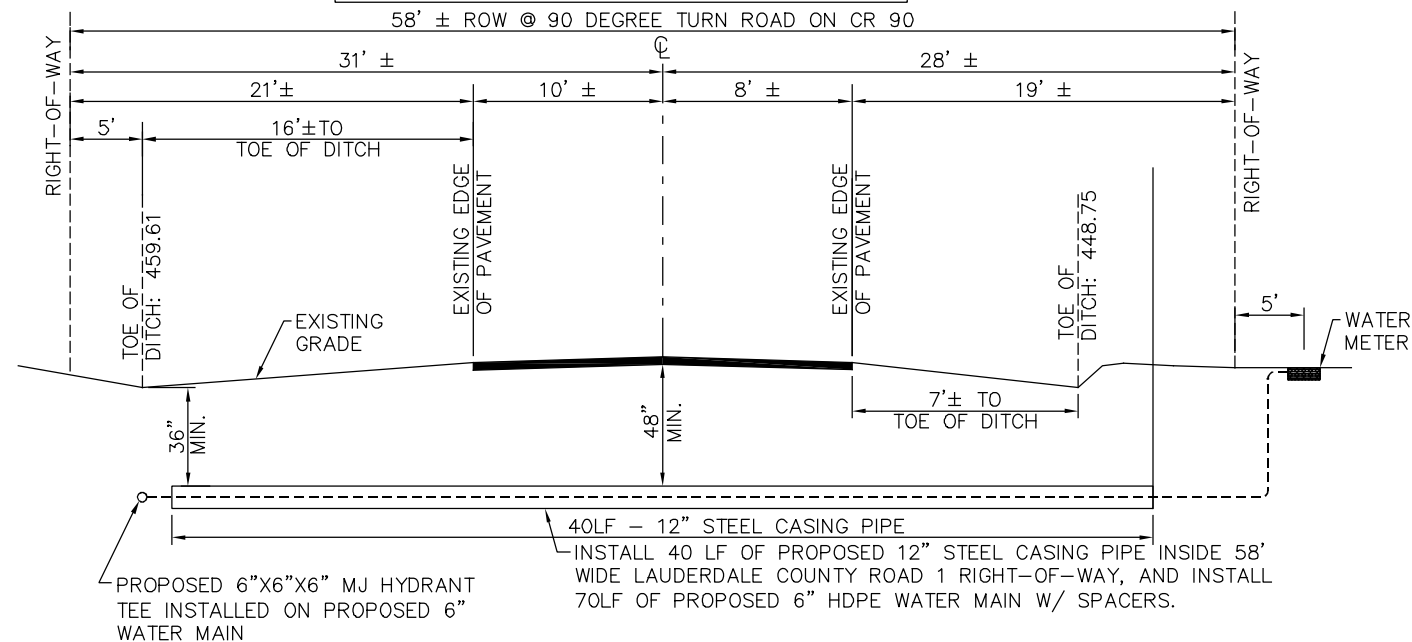
**TYPICAL SECTION VIEW FOR INSTALLATION OF PROPOSED FIRE HYDRANT**



**DESIGN NOTES:**

- 1) SCALE OF DRAWING ABOVE IS NOT TO SCALE.
- 2) STATION: 85+00
- 3) INSTALLATION LOCATED ON SOUTH SIDE OF 58'± WIDE ROW AND 18' WIDE TWO LANE ASPHALT ROAD ON LAUDERDALE COUNTY ROAD 90.
- 4) METHOD OF INSTALLATION: DRY ROAD BORING.
- 5) 6" PROPOSED WATER MAIN INSTALLED ON SOUTH SIDE OF COUNTY ROAD 90. THEN TO CROSS COUNTY ROAD 90 TO STA: 85+00 TO A PROPOSED 6"x6"x6" MJ HYDRANT TEE INSTALLED ON PROPOSED 6" WATER MAIN. USING THE MJ TEE TO MAKE A 90 DEGREE TURN, THEN USE DRY ROAD BORING UNDER CR 90 FOR APPROXIMATELY 50 LF TO INSTALL 33 LF OF PROPOSED 12" STEEL CASING PIPE CARRIER PIPE INSIDE 58' WIDE UNDER COUNTY ROAD 90 AT STATION 85+00, AND INSTALL 70LF OF PROPOSED 6" HDPE WATER MAIN W/ SPACERS. INSTALL 6" "L" PIPE INTO EXTENSIONS AS REQUIRED FOR FIRE HYDRANT TO BE ABOVE FINISHED GRADE. INSTALL FIRE HYDRANT. (SEE FIRE HYDRANT DETAIL ON PAGE 11 OF 12)

**TYPICAL SECTION VIEW FOR INSTALLATION OF PROPOSED WATER METER**



**DESIGN NOTES:**

- 1) SCALE OF DRAWING ABOVE IS NOT TO SCALE.
- 2) STATION: 85+16
- 3) INSTALLATION LOCATED ON SOUTH SIDE OF 58'± WIDE ROW AND 18' WIDE TWO LANE ASPHALT ROAD ON LAUDERDALE COUNTY ROAD 90.
- 4) METHOD OF INSTALLATION: DRY ROAD BORING.
- 5) 6" PROPOSED WATER MAIN INSTALLED ON SOUTH SIDE OF COUNTY ROAD 90. THEN TO CROSS COUNTY ROAD 90 TO STA: 85+00 TO A PROPOSED 6"x6"x6" MJ HYDRANT TEE INSTALLED ON PROPOSED 6" WATER MAIN. USING THE MJ TEE TO MAKE A 90 DEGREE TURN, THEN USE DRY ROAD BORING UNDER CR 90 FOR APPROXIMATELY 50 LF TO INSTALL 33 LF OF PROPOSED 12" STEEL CASING PIPE CARRIER PIPE INSIDE 58' WIDE UNDER COUNTY ROAD 90 AT STATION 85+00, AND INSTALL 70LF OF PROPOSED 6" HDPE WATER MAIN W/ SPACERS. INSTALL 6" "L" PIPE INTO EXTENSIONS AS REQUIRED FOR FIRE HYDRANT TO BE ABOVE FINISHED GRADE. INSTALL FIRE HYDRANT. (SEE FIRE HYDRANT DETAIL ON PAGE 11 OF 12)

NO.	DATE	REMARKS	BY
10/7/24	ADDENDUM -- ADDITION OF PAGE 12 OF 12	RAH	
REVISIONS			

**WEST LAUDERDALE WATER AND FIRE PROTECTION AUTHORITY**  
 WEST LAUDERDALE WATER SYSTEM IMPROVEMENTS  
 CONTRACT NO. 1  
 COUNTY ROAD 90 WATER MAIN EXTENSION  
 DWSRF PROJECT NO. FS010204-02  
**MISCELLANEOUS BORING DETAILS**

**Utility Engineering Consultants, LLC**  
 130 S. COUNTY ROAD 90, SUITE 200, LAUDERDALE, FL 33309  
 (754) 385-1111

DESIGNED RAH	DRAWN MAW	SCALE 1" = 20'	DATE 09/05/2024
APPROVED	REFERENCE	JOB NO. #	WL24113
SHEET 12 OF 12			