



Utility Engineering Consultants, *LLC*

Phone : 205.951.3838
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130 Southcrest Drive, Suite 100
Homewood, AL 35209
P.O. Box 21918
Birmingham, Alabama 35219

October 11, 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. 2 for above referenced job by signing and returning this statement by fax to (205) 951-3839 or email to ktwymon@uecllc.com

Contractor: _____

Received by: _____

Date: _____



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3353 CR 200
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**RE: West Lauderdale Water and Fire Authority
DWSRF Water System Improvements
County Road 90 Water Line Extension
DWSRF PROJECT NO. FS010204-02**

ADDENDUM NO. 2

The changes, modifications and/or additions covered by and set forth in this Addendum No. 0 shall become part of and be incorporated in the Specifications, Contract Documents and Bid Documents for the above referenced project.

DRAWINGS

Corrections for sheet 12 of plans.

PROPOSAL

Correction to proposal

This Addendum No. 2 should be added to the contract and Specifications Documents. Acknowledgement of receipt of Addendum No. 2 shall be noted in the Bid for Unit Price Section of this contract.

UTILITY ENGINEERING CONSULTANTS, LLC.

Roderick Hawkins, P.E.

RH/kt

Attachment: Corrections to sheet 12 of plans

**ADDENDUM #2
(10/11/2024)
PROPOSAL FORM
WEST LAUDERDALE WATER AND FIRE PROTECTION AUTHORITY
WEST LAUDERDALE WATER SYSTEM IMPROVEMENTS
CONTRACT NO. 1 COUNTY ROAD 90 WATER LINE EXTENSION
DWSRF PROJECT NO. FS010204-02 WL24 113**

Contractor's Name: _____ **License #** _____

Item No.	Description	Estimated Quantity	Bid Unit Price	Bid Price
1.	6" Class 200 PVC Pipe, (Including Bedding and Backfill Material) Furnish and Install Complete Per LF	14,000 LF		
2.	6" HDPE Pipe, Pressure DR9 (Directional Boring) Furnish and Install Complete Per LF	750 LF		
3.	Fire Hydrant Assembly-Complete Furnish and Install Complete Per EA	8 EA		
4.	6" Gate Valve with 2" Operating Nut Valve Stem, Valve Box, Lid, and Valve Marker Furnish and Install Complete Per EA	4 EA		
5.	Air Release Valve Assembly Furnish and Install Complete Per EA	4 EA		
6.	Wet Connection at Station 0+00 Including Tapping, Equipment and Material to Connect to Existing 6" Main. Furnish and Install Complete Per LS	1 LS		
7.	Wet Connection at Station. Including Tapping Sleeve and Valve, All Labor, Equipment and Material to Connect to Existing 6" Main. Furnish and Install Complete Per LS	1 LS		
8.	ALDOT #78 Stone for Driveway Replacement Per Ton	200 Ton		
9.	Class A Concrete 4" Thich Including Wire Mesh to Replace Cut Concrete Drives Furnish and Install Complete Per SY	200 SY		
10.	Rip Rap, ALDOT Class 2, Installed in Drainage Ditch as Required Furnish and Install Complete Per Ton	100 Tons		
11.	Cleanup and Seeding of Right-of-Way Furnish and Install Complete			

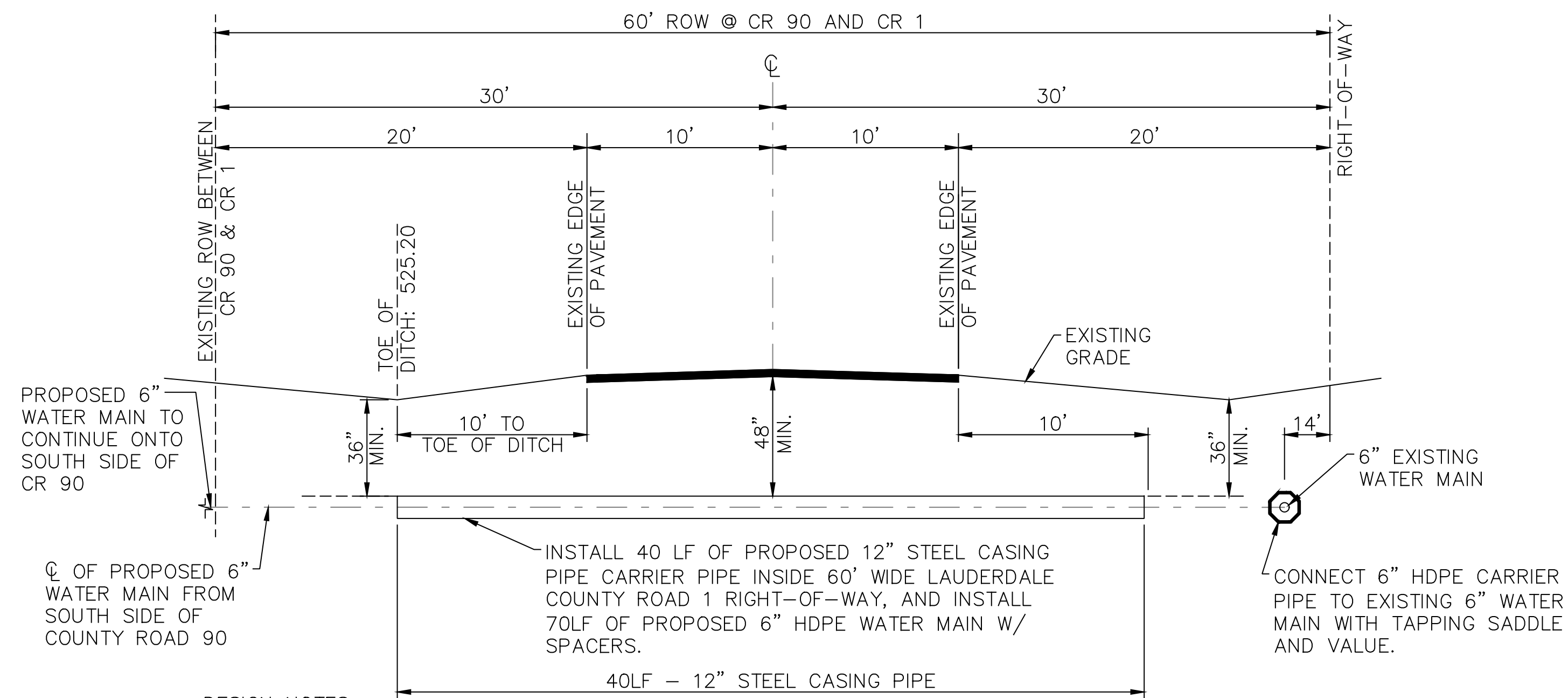
ADDENDUM #2
(10/11/2024)
PROPOSAL FORM (continued)
WEST LAUDERDALE WATER AND FIRE PROTECTION AUTHORITY
WEST LAUDERDALE WATER SYSTEM IMPROVEMENTS
CONTRACT NO. 1 COUNTY ROAD 90 WATER LINE EXTENSION
DWSRF PROJECT NO. FS010204-02 WL24 113

Item No.	Description	Estimated Quantity	Bid Unit Price	Bid Price
	Per LS	1 LS		
12.	Service Line Reconnect ¾" Municipex Pipe Installed on Main Line Side of Road Furnish and Install Complete Per EA	15 EA		
13.	Service Line Reconnect ¾" Municipex in 2" HDPE Casing Pipe (Bored Under Road to Meter). Furnish and Install Complete Per EA	4 EA		
14.	New Service Line Connection to Meter Box (Meter Box Provided by Owner) Per EA	3 EA		
15.	New Service Line Connection to Meter Box (Meter and Box Provided by Owner) w/ ¾" Municipex in 2" HDPE Casing Pipe (Bored Under the Road) Per EA	4 EA		
16.	Road Bore Installation of at Station 85+00, Includes Encasement Pipe, Spacers, Carrier Pipe and Fittings Per LS	1 LS		
17.	Road Bore Installation of at Station 145+00, Includes Encasement Pipe, Spacers, Carrier Pipe and Fittings Per LS	1 LS		
TOTAL BID				

Total amount of Bid in written form: _____

Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.

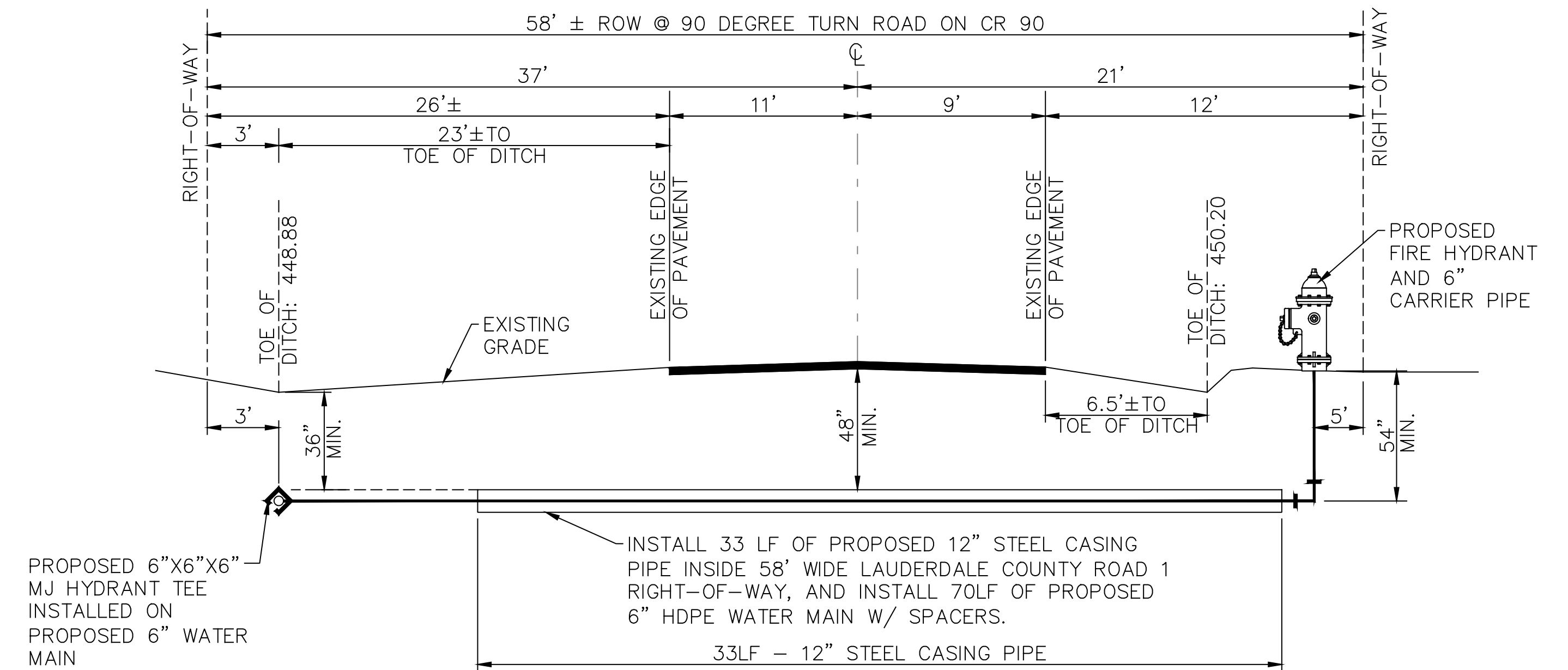
TYPICAL SECTION VIEW FOR INSTALLATION OF PROPOSED 6" WATER MAIN TO EXISTING 6" WATER MAIN ON CR 1



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.

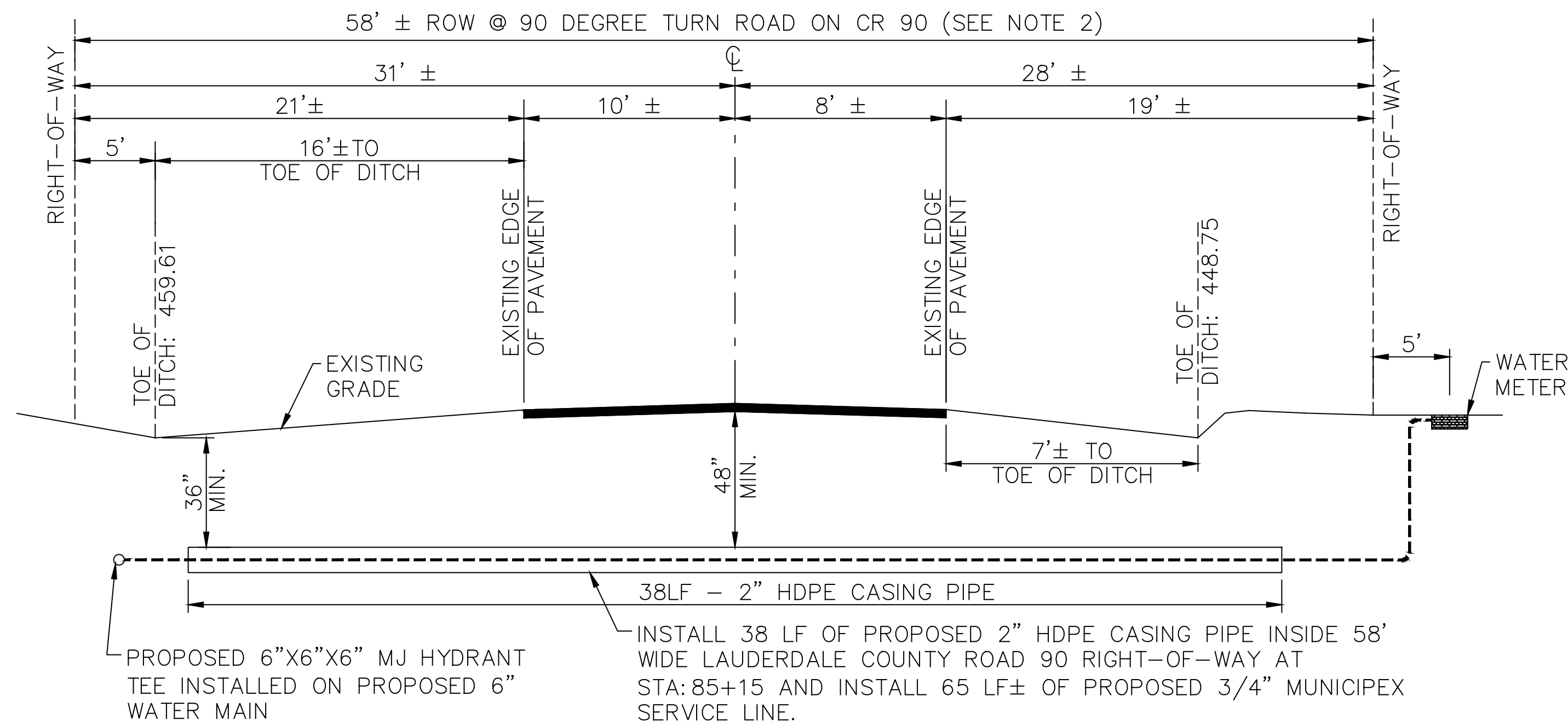
TYPICAL SECTION VIEW FOR INSTALLATION OF PROPOSED FIRE HYDRANT



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

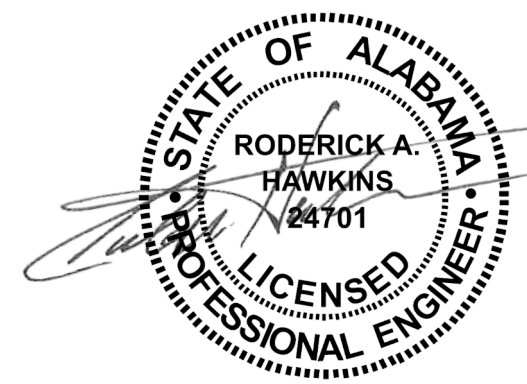


DESIGN NOTES:

- 1) SCALE OF DRAWING ABOVE IS NOT TO SCALE.
- 2) FOR COMPLETE SET OF LENGTHS AT ALL STATIONS SEE TABLE 1 ON THIS PAGE.
- 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) TO BE TIE TO PROPOSED 6" WATER MAIN INSTALLED ON SOUTH SIDE OF COUNTY ROAD 90. THEN TO CROSS COUNTY ROAD 90 TO STA: 85+15 USING DRY ROAD BORING UNDER CR 90 FOR APPROXIMATELY 50 LF TO INSTALL 38 LF OF PROPOSED 2" HDPE CASING PIPE CARRIER PIPE INSIDE 58' WIDE ROW AND INSTALL 65 LF± OF PROPOSED 3/4" HDPE 3/4" MUNICIPEX SERVICE LINE.

**TABLE 1
LENGTHS AT STATIONS
DATA AT STATIONS**

STATIONS	LENGTH OF 2" HDPE CASING	LENGTH OF 3/4" MUNICIPEX SERVICE LINE	WIDTH OF ROW	WIDTH OF ROAD	CL OF DITCH LEFT ROW	ELEV LEFT DITCH	EOP TO CL OF DITCH LEFT SIDE	CL TO EOP LEFT SIDE	CL TO EOP RIGHT SIDE	EOP TO CL OF DITCH RIGHT SIDE	ELEV RIGHT DITCH	CL OF DITCH RIGHT ROW
85+15	38'	65LF+/-	58'+/-	18'	459.61	5'	16'+/-	10'	8'	7'+/-	448.25	12'
121+90	44'	65LF+/-	58'+/-	24'	435.139	15'	41'+/-	14'	10'	NA	NA	15' EOP TO ROW
123+10	42'	65LF+/-	58'+/-	22'	440.81	8'	9'+/-	10'	12'	15'+/-	439.80	4'
135+00	42'	65LF+/-	58'+/-	22'	501.74	12'	7'+/-	11'	11'	NA	NA	18' EOP TO ROW
141+80	42'	65LF+/-	58'+/-	22'	514.04	11'	8'+/-	11'	11'	5'	513.64	12'



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

Utility Engineering Consultants, LLC
 130 Southwest Drive
 Suite 100
 Homewood, Alabama 35209

DESIGNED RAH	DRAWN MAW	SCALE 1" = 20'	DATE OCT., 2024
APPROVED	REFERENCE	JOB NO. WL24 113	
SHEET 12 OF 12			

NO.	DATE	REVISIONS	BY
1	10/11/24	ADDENDUM - 2" HDPE CASING SIZE FOR SERVICE LINES	RAH
2	10/7/24	ADDENDUM - ADDITION OF SHEET 12 OF 12	RAH