

ADDENDUM NO. 2
WATER SYSTEM IMPROVEMENTS
CONTRACT 18-01
PHASE III LEAKAGE REHABILITATION
LEWIS COUNTY AND HOHENWALD, TENNESSEE
WAUFORD PROJECT NO. 2075
CDBG CONTRACT NO. 53789-12040

Date of Addendum: Thursday, July 5, 2018
Bid Opening: Tuesday, July 10, 2018, 2:00 P.M. Local Time

1. The Contractors who attended the pre-bid conference and are allowed to submit bids on this contract are as follows:

Contracting Services, Inc.
2267 Baptist Church Road
Culleoka, TN 38451
Phone: 931-987-3014
Fax: 931-987-0515

Tinin Contracting Company, Inc.
1149 Ross Creek Rd.
Clifton, TN 38425
Phone: 931-676-5244
Fax: 931-676-3801

Ray Contractors Inc.
750 Allen Murray Rd.
Lynnville, TN 38472
Phone: 931-638-7331
Fax: 931-527-0280

Ward Construction
3423 Cedar Creek Rd.
Linden, TN 37096
Phone: 931-589-5682
Fax: 931-589-3275

SBW Constructors, LLC
107 Terry Lane
Cottontown, TN 37048
Phone: 615-574-9420
Email: jwhite@sbwconstructors.com

2. The sign in sheet for the Pre-Bid Conference held Tuesday, June 26, 2018 is attached.
3. BID FORM:

Replace the BID FORM with the attached revised BID FORM.
4. Detailed Specifications, Section 1. General Scope and Special Provisions:

Insert the attached "Notice of Coverage Under the Aquatic Resource Alteration General Permit for Maintenance Activities" and "Notice of Coverage

under the General NPDES Permit for Stormwater Discharges Associated with Construction Activity (CGP)" at the end of Section 1.

5. Detailed Specifications, Section 4, Water Line and Appurtenances, Paragraph 3. Pipeline Materials for Water Lines, Page DS 4-8:

Add the following Subparagraph to the end of this Paragraph:

"e. High Density Polyethylene (HDPE) Pipe

(1) General

High Density Polyethylene (HDPE) Pipe can only be used for temporary water lines and/or horizontal directional drilling and shall conform, as a minimum, with the requirements of PE 4710 as classified in ASTM D3350 and shall be ANSI/NSF Standard 61.

(2) Physical Properties

The pipe shall conform to ASTM D3350 "Specification for Plastics Pipe and Fittings Material" and shall meet material designation code PE 4710 as it applies to ANSI/AWWA Standard C906 water pressure classes 200 and 250 psi.

(3) Joining Methods and Fittings

Sections of polyethylene pipe shall be joined in the field by heat-fusion bonding using the butt fusion technique in strict accordance with the manufacturer's printed instructions.

Fittings to connect to polyvinyl chloride (PVC) or ductile iron (DI) pipe shall be PE/MJ adapter IPS DR-9 or DR-11.

(4) Approval for Potable Water

The pipe and fittings shall conform to the Specifications of the National Sanitation Foundation Testing Laboratories, Ann Arbor, Michigan, and the pipe manufacturer shall be approved by the Division of Water Resources, Tennessee Department of Environment and Conservation.

(5) Pipe Bedding and Backfill

See Paragraph 6.e. of this Section of these Detailed Specifications.

(6) Marking of Pipe

As a minimum the pipe shall have the following data applied to each piece:

1. Nominal size
2. Type of Material
3. DR and PE Class (i.e., PE 4710)
4. Manufacturer
5. NSF (National Sanitation Foundation) Stamp Seal of Approval
6. Quality Control Code

(7) Verification

The manufacturer shall submit verification that the manufacturer's facility complies with the requirements of ANSI/AWWA Standard C906 for tests for qualification of materials and processes, test for product quality control, nonconformance, quality control records, and upon request plant inspection by the purchaser."

6. Detailed Specifications, Section 4, Water Line and Appurtenances, Paragraph 11. Steel Casing Pipe for Creek Crossing, Page DS 4-15:

Revise this paragraph as shown below:

"11. Steel Casing Pipe for Creek Crossing

Steel casing pipe shall be installed at the creek crossing as shown on the Plans ***unless HDPE pipe is used as shown at the detail of Plan Sheet 4.***

Steel casing pipe shall be manufactured and tested in accordance with ASTM Specifications A 139-89b or A 53-89a, Grade B, 35,000 psi yield strength, and shall meet the American Railway Engineering Association (AREA) Specification for Coated Corrugated Metal Pipe and Arches, Chapter 1, Part 5. Steel casing pipe bituminous coated where shown shall be as follows:

Diameter Carrier (in inches)	Diameter Casing (in inches)	Minimum Wall Thickness of Casing (in inches)
6	12	0.25

7. PLANS, Sheets 2, 3 and 4:

Revise as shown at the attached plan sheets.

J. R. WAUFORD & COMPANY,
CONSULTING ENGINEERS, INC.



J. Gregory Davenport, P.E.
Tennessee License No. 104881

Sign in Sheet – Pre-Bid Conference

WATER SYSTEM IMPROVEMENTS

CONTRACT 18-01

PHASE III LEAKAGE REHABILITATION

LEWIS COUNTY AND THE CITY OF HOHENWALD, TENNESSEE

WAUFORD PROJECT NO. 2075

CDBG PROJECT NO. 53789-12040

June 26, 2018, 2:00 P.M.

Name	Organization	Email or Phone
Greg Daneypart	Wauford	gregdejrwanford.com
Melissa Boner	Wauford	melissab@jrwanford.com
Loric Frohen	SCDD	Loric@scdd.org
Danny McKnight	City of Hohenwald	dmcknight@hohenwald.com
Chassity Martin	SCDD	cmartin@scdd.org
Wayne Hype	CSI	contracting77@msn.com
DAVID BOND	SBW Constructors	dbond@SBWConstructors.com
Blair Scott	Lewis County Govt	lewisfinance@bellsouth.net
Heleen Ozier	City of Hohenwald	hozier@hohenwald.com
Bobby McCombs	City of Hohenwald	Bmccombs3@gmail.com
Rick Osborne	City of Hohenwald	RickOsborne69@gmail.com
Adam Ray	Ray Contractors Inc	adam@raycontractors.com
Carla Luth	Trin Cont	931-276-5244

Sign in Sheet – Pre-Bid Conference

WATER SYSTEM IMPROVEMENTS

CONTRACT 18-01

PHASE III LEAKAGE REHABILITATION

LEWIS COUNTY AND THE CITY OF HOHENWALD, TENNESSEE

WAUFORD PROJECT NO. 2075

CDBG PROJECT NO. 53789-12040

June 26, 2018, 2:00 P.M.

Name	Organization	Email or Phone
Johnny Ward	Ward Construction	615-418-2543
Randell Arnold	Ward Construction	615-418-2543

BID FORM

- An Individual
A Partnership
A Corporation
A Limited Liability Company

Date _____

1. BID for the construction of Water System Improvements, Contract No. 18-01 – Phases III Leakage Rehabilitation, for Lewis County and the City of Hohenwald, Tennessee.

TO LEWIS COUNTY AND THE CITY OF HOHENWALD, TENNESSEE:

I / WE

Name of Bidder

Address of Bidder

The undersigned, as Bidder, proposes to furnish all necessary labor, machinery, tools, apparatus, materials, equipment, service and other necessary supplies, in strict accordance with the terms and conditions of the Detailed Specifications and Contract Documents bound into the PROJECT MANUAL hereto attached and the Plans referred to herein for the construction of Water System Improvements for Lewis County and the City of Hohenwald, Tennessee, Contract 18-01 – Phase III Leakage Rehabilitation, and to do such other work incidental thereto as may be ordered by the Engineer, at the unit prices listed herein.

2. The Bidder declares that he has examined the site of the work and informed himself fully in regard to all conditions pertaining to the places where the work is to be done; that he has examined the Plans, Detailed Specifications and Contract Documents for the work and has read all special provisions furnished prior to the opening of bids; and that he has satisfied himself relative to the work to be performed. The Bidder further declares that he understands the unit price work is subject to increase or decrease, and that should the scope of any of the items of work be changed materially, the undersigned proposed to do the additional work using the unit prices set out herein. Should the quantities be decreased, the undersigned will make no claim for anticipated profits.

BID FORM
2075 – March 2018

3. Bids shall include sales tax and all other applicable taxes, fees or licenses.
4. Where alternate materials or methods of construction are allowed, the Bidder shall check the type of material or method of construction. Failure to do so will allow the Owner to make the choice with no adjustment in price due the bidder.
5. Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.
6. The unit prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, *etc.*, to cover the finished work of the several kinds called for.
7. The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.
8. The Bidder agrees that his Bid shall be good and may not be withdrawn for a period of 90 calendar days after the scheduled closing time for receiving bids.
9. The budget for this project is funded by a grant from the Tennessee Department of Economic and Community Development.

10. CONTRACT 18-01 – PHASE III LEAKAGE REHABILITATION

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
1.	822 L.F.	6-inch C900 DR -18, Class 235 PVC water line "W-2" South Oak Street, including fittings, excavation and all bedding materials, complete in place For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
2.	1,713 L.F.	6-inch C900 DR-18, Class 235 PVC water line "W-3" Cane Creek Road, including temporary water line as specified on the Plans, excavation and all bedding materials, complete in place For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
3.	778 LF.	6-inch C900 DR-18, Class 235 PVC water line, "W-4" Cane Creek Road, including fittings, excavation and all bedding materials, complete in place For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____

10. CONTRACT 18-01 – PHASE III LEAKAGE REHABILITATION (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
4.	Lump Sum	Water Line "W-5" installed in creek crossing including compliance with the approved Aquatic Resource Alteration Permit "General Permit for Maintenance Activities" by either: a. Open-cut excavation backfill, 12-inch, 0.25-inch wall thickness steel casing pipe, 6-inch Class 350 Restrained Joint Ductile Iron carrier pipe, spacers and end seals and all incidentals, complete in place		\$ _____
		OR		
		b. Directional drill, 12-inch HDPE SDR-11 casing pipe, 6-inch HDPE IPS PE DR-9 carrier pipe with PE/MJ adapter and thrust collar and all incidentals, complete in place		\$ _____

10. CONTRACT 18-01 – PHASE III LEAKAGE REHABILITATION (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
5.	80 L.F.	<p>Additional water line outside of creek crossing of Cane Creek</p> <p>a. 6-inch Class 350 Restrained Joint Ductile Iron Pipe open cut, including excavation, backfill, boring in place, and all incidentals, complete in place</p> <p>For _____</p> <p>_____ Dollars _____</p> <p>Cents, per linear foot \$ _____ \$ _____</p> <p>OR</p> <p>b. 6-inch HDPE IPS PE DR-9 carrier pipe, boring in place, and all incidentals, complete in place</p> <p>For _____</p> <p>_____ Dollars _____</p> <p>Cents, per linear foot \$ _____ \$ _____</p>		
<p>Note: If the Contractor elects to install additional pipe above the quantities depicted in this BID FORM or on the Plans, the cost shall be included in Bid Item 5.</p>				
6.	3 Each	<p>6-inch gate valve, valve box and concrete pad, with marker post, complete in place</p> <p>For _____</p> <p>_____ Dollars _____</p> <p>Cents, per each \$ _____ \$ _____</p>		

10. CONTRACT 18-01 – PHASE III LEAKAGE REHABILITATION (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
7.	2 Each	Connections, new 6-inch water line to existing 6-inch water line including 6-inch tapping sleeve, gate valve assembly, fittings and all incidentals (except Class "C" concrete kickers will be paid for at unit price) complete in place, as shown on the Plans For _____		
		Dollars _____ Cents, per each	\$ _____	\$ _____
8.	8 Each	Temporary ¾-inch water service taps for testing as specified at Section 4, Paragraph 13, includes installing, removing and plugging after the water line is accepted and placed into service For _____		
		Dollars _____ Cents, per each	\$ _____	\$ _____

10. CONTRACT 18-01 – PHASE III LEAKAGE REHABILITATION (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
9.	1 Each	<p>¾-inch permanent sample tap for creek crossing, including tapping saddle, piping corporation stop and meter box, as shown on the Detail Sheet of the Plans, complete in place For _____ _____ Dollars _____ Cents, per each</p>	\$ _____	\$ _____
10.	103 Each	<p>Reconnect existing ¾-inch services to new or existing water lines including tapping and installing new curb stop at existing or new water main and disconnecting and reconnecting new service pipe at the new or existing meter including fittings and all incidentals (service pipe will be paid for at unit prices), complete in place For _____ _____ Dollars _____ Cents, per each</p>	\$ _____	\$ _____
11.	10 Each	<p>Install residential or commercial water meters and necessary fittings; water meters supplied by Owner, For _____ _____ Dollars _____ Cents, per each</p>	\$ _____	\$ _____

10. CONTRACT 18-01 – PHASE III LEAKAGE REHABILITATION (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
12.	3,000 L.F.	3/4-inch cross-linked polyethylene SDR 9 Class 200 copper tube size (CTS) service line under paved services as shown in the Detail of the Plans from the water main to the meter, complete in place, including service line and fittings, boring operations, installation and all incidentals For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
13.	1,800 L.F.	3/4-inch cross-linked polyethylene SDR 9 Class 200 copper tube size (CTS) service line outside paved surfaces from the water main to the meter, complete in place, including service line and fittings, excavation, clean up, reseeding, installation and all incidentals as specified For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____

10. CONTRACT 18-01 – PHASE III LEAKAGE REHABILITATION (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
14.	3 Each	Fire Hydrant assembly, as shown on the Plans or as directed by the Engineer, complete in place, including extension barrel if necessary, 6-inch gate valve, valve box and concrete pad with plaque and marker post and all fittings, excavation and incidentals For _____ Dollars _____ Cents, per each	\$ _____	\$ _____
15.	200 C.Y.	Undercutting of trench and crushed stone for backfill where directed by the Engineer For _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
16.	10 C.Y.	Class "C" Concrete for Kickers, Anchors, and Encasements For _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____

BID FORM
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10. CONTRACT 18-01 – PHASE III LEAKAGE REHABILITATION (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
17.	20 S.Y.	Removal by saw cutting and replacement of concrete sidewalks, driveways, and paved ditches using Class "A" concrete, complete in place For _____ _____ Dollars _____ Cents, per square yard	\$ _____	\$ _____
18.	200 C.Y.	Crushed stone (TDOT No. 67) for backfill under paved areas, where directed by TDOT or directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
19.	200 C.Y.	Crushed stone TDOT Class "A" Grade D compacted for traffic bound surfacing and/or base course where water lines are constructed under existing paved surfaces and where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
20.	50 C.Y.	Asphaltic concrete paving mix (hot mix) for patching streets and drives For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____

BID FORM
2075 – March 2018

10. CONTRACT 18-01 – PHASE III LEAKAGE REHABILITATION (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
21.	5,000 L.F.	Temporary silt fence as required or where directed by the Engineer, complete in place For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
22.	20 S.Y.	Rip-rap, hand placed, where shown on the Plans or directed by the Engineer For _____ _____ Dollars _____ Cents, per square yard	\$ _____	\$ _____
TOTAL AMOUNT BID, CONTRACT 18-01, ITEMS 1 THROUGH 22, INCLUSIVE			\$ _____	

BID FORM
2075 – March 2018

11. Deductive Alternates

In the event the total amount of the bid for Contract 18-01 exceeds the available funds for the project, the following deducts will be subtracted from the total for Contract 18-01 (these item numbers correspond to the number in the base bid). NOTE: This amount will be the same as the price in the corresponding bid item for Contract 18-01.

Deductive Alternate No. 1

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
11.	8 Each	Install residential or commercial water meters and necessary fittings; water meters supplied by Owner, For _____ _____ Dollars _____ Cents, per each	\$ _____	\$ _____
12.	650 L.F.	3/4-inch cross-linked polyethylene SDR 9 Class 200 copper tube size (CTS) service line under paved services as shown in the Detail of the Plans from the water main to the meter, complete in place, including service line and fittings, boring operations, installation and all incidentals For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____

BID FORM
2075 – March 2018

11. Deductive Alternates (cont'd)

Deductive Alternate No. 1 (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
13.	400 L.F.	3/4-inch cross-linked polyethylene SDR 9 Class 200 copper tube size (CTS) service line outside paved surfaces from the water main to the meter, complete in place, including service line and fittings, excavation, clean up, reseeding, installation and all incidentals as specified For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
15.	50 C.Y.	Undercutting of trench and crushed stone for backfill where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
18.	50 C.Y.	Crushed stone (TDOT No. 67) for backfill under paved areas, where directed by TDOT or directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____

BID FORM
2075 – March 2018

11. Deductive Alternates (cont'd)

Deductive Alternate No. 1 (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
19.	50 C.Y.	Crushed stone TDOT Class "A" Grade D compacted for traffic bound surfacing and/or base course where water lines are constructed under existing paved surfaces and where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
20.	20 C.Y.	Asphaltic concrete paving mix (hot mix) for patching streets and drives For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
21.	1,800	Temporary silt fence as required or where directed by the Engineer, complete in place For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
TOTAL DEDUCTIVE ALTERNATE NO. 1			\$ _____	

BID FORM
2075 – March 2018

11. Deductive Alternates (cont'd)

Deductive Alternate No. 2

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
10.	50 Each	Reconnect existing 3/4-inch services to new or existing water lines including tapping and installing new curb stop at existing or new water main and disconnecting and reconnecting new service pipe at the new or existing meter including fittings and all incidentals (service pipe will be paid for at unit prices), complete in place For _____	\$ _____	\$ _____
		Dollars _____		
		Cents, per each		
		TOTAL DEDUCTIVE ALTERNATE NO. 2	\$ _____	

12. Time of Commencement and Completion

The Bidder further proposes and agrees hereby to commence the work with adequate force and equipment on a date to be specified in a written order of the Engineer, and complete all work within the calendar days shown:

Contract 18-01: The Contractor for Contract 18-01 is allowed one hundred twenty (120) calendar days to complete all work under this contract.

13. Liquidated Damages

The Bidder further understands that if the work is not completed within the time specified, that any additional engineering and resident construction observation costs incurred by the Owner due to the Contractor exceeding the time allowed for completion plus other damages, including the revenue lost from the project's water customers, will be deducted on a per calendar day basis from the compensation otherwise due him in accordance with the General Conditions for each day thereafter, Sundays and holidays included, that work remains uncompleted.

The following sum is agreed by the parties to be liquidated damages:

Contract 18-01: Five Hundred (\$500) Dollars per calendar day

14. Time Limit for Execution of Documents

The undersigned further agrees that, in case of failure on his part to execute the Contract and the Bond(s) in the six (6) counterparts within ten (10) consecutive calendar days after written notice being given of the award of the Contract, the check or bid bond accompanying this bid and the monies payable thereon shall be paid into the funds of the City of Hohenwald as liquidated damages for such failure; otherwise the check or bid bond accompanying the BID FORM shall be returned to the undersigned.

15. Bid Guaranty

Attached hereto is a certified check on the _____
Bank of _____ or a Bid Bond on the form
provided for the sum of _____ Dollars (\$_____) made
payable to Lewis County and the City of Hohenwald to insure that the
Contractor will execute the Construction Contract and Contract Bond.

16. Interested Parties

The undersigned, as Bidder, hereby declares that the only person or persons interested in the BID FORM as principal or principals is or are

BID FORM
2075 – March 2018

named herein, and that no other person herein mentioned has any interest in this BID FORM or in the Contract to be entered into; that this BID FORM is made without connection with any other person, company, or parties making a bid or proposal and that it is in all respects fair and in good faith without collusion or fraud.

NAME

ADDRESS

_____	_____
_____	_____
_____	_____

17. Addenda

I hereby certify that I have received, read and examined the following numbered Addenda: _____, _____, _____, _____, _____, _____, _____.

18. Drug-Free Workplace Affidavit

The Drug-Free Workplace Affidavit which follows must be satisfactorily completed in order for the bid to be considered.

19. Illegal Immigrants

The Compliance Certificate relative to Illegal Immigrants which follows must be satisfactorily completed in order for the bid to be considered.

20. Iran Divestment Act

The Statement of Compliance relative to the Iran Divestment Act which follows must be satisfactorily completed in order for the bid to be considered.

BID FORM
2075 – March 2018

BY: _____
Name of Bidder

Address of Bidder

Signature of Authorized Representative

Title

ATTEST (For Corporations)

(Name)

Title

STANDARD ECD FORMS

PAGES 1 – 6

INTENTIONALLY OMITTED

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____

as Principal, and _____

as Surety, are hereby held and firmly bound unto Lewis County and the City of Hohenwald, Tennessee as owner in the penal sum of _____ for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

Signed, this _____ day of _____, 20_____.

The condition of the above obligation is such that whereas the Principal has submitted to Lewis County and the City of Hohenwald, Tennessee a certain Bid, attached hereto and hereby made a part hereof to enter into a contract in writing for the

Water System Improvements, Hohenwald, Tennessee; Wauford Project No. 2075;

CDBG Project No. 53789-12040

NOW, THEREFORE,

- (a) If said Bid shall be rejected, or in the alternate.
- (b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish a bond for his faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said Bid, then this obligation shall be void, otherwise the same shall remain in force and effect, it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The surety for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by an extension of the time within which the Owner may accept such Bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hand and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Principal (L.S.)

Surety
By: _____

SEAL

STANDARD ECD FORMS

PAGES 9 – 14

INTENTIONALLY OMITTED

CERTIFICATION OF BIDDER REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

INSTRUCTIONS

This certification is required pursuant to 24.CFR Section 24.510(b). It shall be completed, signed and submitted as part of the bid proposal.

1. By signing and submitting this proposal, the prospective lower-tier participant certifies that neither it, its principals nor affiliates, is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. Further, the Participant provides the certification set out below:
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that an erroneous certification was rendered, in addition to other remedies available to the Federal Government, the Department or agency with which this transaction originated may pursue available remedies.
3. Further, the Participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the Participant learns that this certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. By submitting this proposal, it is agreed that should the proposed covered transaction be entered into, the Participant will not knowingly enter into any lower-tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction unless authorized by the agency with which this transaction originated.
5. It is further agreed that by submitting this proposal, the Participant will include this Certification, without modification, in all lower-tier covered transactions and in all solicitations for lower-tier covered transactions.

Contractor Name and Title _____ Date _____

Signature _____ Address _____

City _____ State _____ Zip _____

NON-CERTIFICATION:

As the prospective lower-tier participant, I am unable to certify to statements in this Certification as explained in the attachment to this proposal.

Contractor Name and Title _____ Date _____

Signature _____ Address _____

City _____ State _____ Zip _____

The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

This form must be submitted to the State with the bid tabulations.

CERTIFICATION OF BIDDER REGARDING EQUAL EMPLOYMENT OPPORTUNITY

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 (30 F. R. 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION BY BIDDER

Name and Address of Bidder *(include Zip Code)*:

1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

Yes No

2. Compliance reports were required to be filed in connection with such contract or subcontract.

Yes No

3. Bidder has filed all compliance reports due under applicable instructions, including SF-100.

Yes No None Required

4. Have you ever been or are you being considered for sanction due to violation of Executive Order 11246, as amended?

Yes No

NAME AND TITLE OF SIGNER *(Please type)*

SIGNATURE

DATE

**CERTIFICATION OF BIDDER REGARDING USE
OF
FEMALE/MINORITY SUBCONTRACTORS**

INSTRUCTIONS

This certification is required for the contractor to demonstrate that when subcontractors are to be used on this project, an attempt will be made to utilize female/minority owned firms.

Documentation must be on file to show who has been contacted.

CERTIFICATION BY BIDDER

Name and Address of Bidder (include Zip Code):

I, _____, certify that every attempt was made to utilize female/minority contractors on this project.

Name and Title of Signer

Signature

Date

CERTIFICATION OF BIDDER REGARDING SECTION 3 AND SEGREGATED FACILITIES

Name of Prime Contractor

Project Name & Number

The undersigned hereby certifies that

- (a) Section 3 provisions are included in the Contract.
- (b) If contract equals or exceeds \$100,000, HUD form 60002 will be submitted with the final pay estimate.
- (c) No segregated facilities will be maintained.

Name & Title of Signer (Print or Type)

Signature

Date

DRUG-FREE WORKPLACE AFFIDAVIT

STATE OF _____
 COUNTY OF _____

The undersigned, principal officer of _____,
 an employer of five (5) or more employees contracting with _____
 government to provide construction services, hereby states under oath as follows:

1. The undersigned is a principal officer of _____
 (hereinafter referred to as the "Company"), and is duly authorized to execute
 this Affidavit on behalf of the Company.
2. The Company submits this Affidavit pursuant to T.C.A. § 50-9-113, which
 requires each employer with no less than five (5) employees receiving pay
 who contracts with the state or any local government to provide construction
 services to submit an affidavit stating that such employer has a drug-free
 workplace program that complies with Title 50, Chapter 9, of the *Tennessee
 Code Annotated*.
3. The Company is in compliance with T.C.A. § 50-9-113.

Further affiant saith not.

 Principal Officer

STATE OF _____
 COUNTY OF _____

Before me personally appeared _____, with whom I am
 personally acquainted (or proved to me on the basis of satisfactory evidence), and who
 acknowledged that such person executed the foregoing affidavit for the purposes therein
 contained.

Witness my hand and seal at office this _____ day of _____, 20__.

 Notary Public

My commission expires: _____

CERTIFICATION BY PROPOSED SUBCONTRACTOR REGARDING EQUAL EMPLOYMENT OPPORTUNITY

NAME OF PRIME CONTRACTOR

PROJECT NUMBER

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 (30 F. R. 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the subcontractor has not filed a compliance report due under applicable instructions, such subcontractor shall be required to submit a compliance report before the owner approves the subcontract or permits work to begin under the subcontract.

SUBCONTRACTOR'S CERTIFICATION

NAME AND ADDRESS OF SUBCONTRACTOR *(include ZIP Code)*:

1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

 Yes No

2. Compliance reports were required to be filed in connection with such contract or subcontract.

 Yes No

3. Bidder has filed all compliance reports due under applicable instructions, including SF-100.

 Yes No None Required

4. Have you ever been or are you being considered for sanction due to violation of Executive Order 11246, as amended?

 Yes No
NAME AND TITLE OF SIGNER *(Please type)*

SIGNATURE

DATE

**CERTIFICATION OF PROPOSED SUBCONTRACTOR
REGARDING SECTION 3 AND SEGREGATED
FACILITIES**

Name of Subcontractor

Project Name & Number

The undersigned hereby certifies that

- (a) Section 3 provisions are included in the Contract;
- (b) If contract equals or exceeds \$100,000, HUD form 60002 will be submitted with the final pay estimate.
- (c) No segregated facilities will be maintained as required by Title VI of the Civil Rights Act of 1964.

Name & Title of Signer (Print or Type)

Signature

Date

STATEMENT OF COMPLIANCE
IRAN DIVESTMENT ACT

In compliance with the Iran Divestment Act (State of Tennessee 2016, Public Chapter No. 817), which became effective on July 1, 2016, certification is required of all bidders on contracts over \$1,000.

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party hereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to T.C.A. § 12-12-106.

I affirm, under the penalties of perjury, this statement to be true and correct.

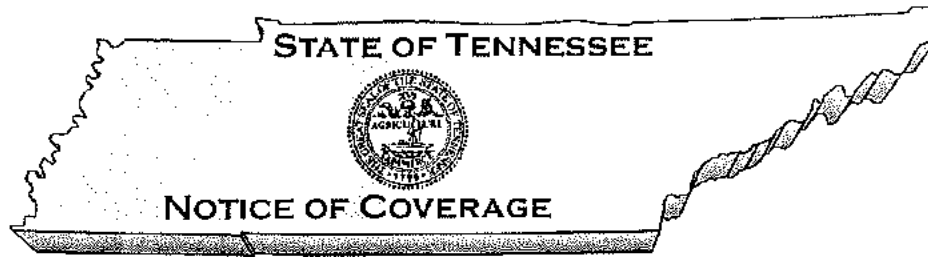
Date

Signature of Bidder

Company

A bid shall not be considered for award nor shall any award be made where the foregoing certification has not been complied with; provided, however, that if in any case the bidder cannot make the foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefor. Lewis County and the City of Hohenwald may award a bid to a bidder who cannot make the certification, on a case-by-case basis, if:

- (1) The investment activities in Iran were made before July 1, 2016, the investment activities in Iran have not been expanded or renewed on or after July 1, 2016, and the person has adopted, publicized, and is implementing a formal plan to cease the investment activities in Iran and to refrain from engaging in any new investments in Iran; or
- (2) Lewis County and the City of Hohenwald makes a determination that the goods or services are necessary for Lewis County and the City of Hohenwald to perform its functions and that, absent such an exemption, the political subdivision will be unable to obtain the goods or services for which the contract is offered. Such determination shall be made in writing and shall be a public document.



Under the Aquatic Resource Alteration
General Permit for Maintenance Activities

Tennessee Department of Environment and Conservation
Division of Water Resources
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville TN 37243

ARAP - NR1808.3059

Under authority of the Tennessee Water Quality Control Act of 1977 (TWQCA, T.C.A. 69-3-101 et seq.) the Division of Water Resources has determined the activity described below would not violate applicable water quality standards.

This activity is governed by the *General Permit for Maintenance Activities* issued pursuant to the TWQCA. The work must be accomplished in conformance with accepted plans, specifications, data and other information submitted in support of application NR1808.3059 and the terms and conditions set forth in the above referenced general permit.

PERMITTEE: Honorable Danny McKnight

AUTHORIZED WORK: maintenance of existing utility line using open trenching

LOCATION: S. Oak Street, Finerty Drive, & Cane Creek Road, Lewis County
Latitude: 35.614155 Longitude: -87.596161

WATERBODY NAME: East Fork Cane Creek

EFFECTIVE DATE: 13-JUN-18 **EXPIRATION DATE:** 06-APR-20

This does not preclude requirements of other federal, state or local laws. In particular, work shall not commence until the applicant has received the federal §404 permit from the U. S. Army Corps of Engineers, a §26a permit from the Tennessee Valley Authority or authorization under a Tennessee NPDES Storm Water Construction Permit where necessary. This permit may also serve as a federal §401 water quality certification (pursuant to 33 U.S.C. §1341) since the planned activity was reviewed and the division has reasonable assurance that the activity will be conducted in a manner that will not violate applicable water quality standards (T.C.A. § 69-3-101 et seq. or of § § 301, 302, 303, 306 or 307 of *The Clean Water Act*).

The state of Tennessee may modify, suspend or revoke this authorization should the state determine that the activity results in more than an insignificant degradation of applicable water quality standards or violation of the TWQCA. Failure to comply with permit terms may result in penalties in accordance with T.C.A. §69-3-115.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
COLUMBIA ENVIRONMENTAL FIELD OFFICE
DIVISION OF WATER RESOURCES
1421 HAMPSHIRE PIKE
COLUMBIA, TN 38401

June 13, 2018

Honorable Danny McKnight
Mayor

e-copy: dmcknight@hohenwald.com
118 W. Linden Ave.
Hohenwald, TN 38462

Subject: **General Permit for Maintenance Activities**
Aquatic Resource Alteration Permit (ARAP) NR1808.3059
Leakage Rehabilitation Phase III
Honorable Danny McKnight
Hohenwald, Lewis County, Tennessee

Dear Mayor McKnight:

We have reviewed your application for the proposed maintenance of an existing utility line using open trenching. Pursuant to the *Tennessee Water Quality Control Act of 1977* (T.C.A. § 69-3-101 et seq.) and supporting regulations the Division of Water Resources is required to determine whether the activity described in the attached notice of coverage will violate applicable water quality standards. This permit may also serve as a federal §401 water quality certification (pursuant to 40 C.F.R. §121.2).

This activity is governed by the *General Permit for Maintenance Activities*. The work must be accomplished in conformance with accepted plans and information submitted in support of application NR1808.3059 and the limitations and conditions set forth in the *General Permit for Maintenance Activities* (enclosed). It is the responsibility of the permittee to ensure that all contractors involved with this project have read and understand the permit conditions before the project begins.

Please note that dredging or excavation of sediment shall be limited to the *minimum necessary* to restore the waterway in the immediate vicinity of the structure to the approximate dimensions that existed when the structure was built. Excavation cannot in any circumstance exceed a cumulative maximum of 100 linear feet in any direction of the structure. In addition, adequate erosion controls must be installed prior to construction and maintained during construction of the project. All disturbed areas must be revegetated or otherwise stabilized upon completion of construction.

Annual Maintenance and Coverage Termination

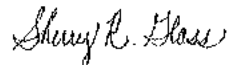
Permittees will be assessed an annual maintenance fee of \$350 for coverages that exceed one year. Please note that this maintenance fee does not grant the right to extend coverage past the expiration date of the General Permit itself.

Permittees may terminate coverage prior to the expiration date by submitting a completed notice of termination form (NOT), which is available on the division's webpage at

http://tdec.tn.gov/etdec/DownloadFile.aspx?row_id=CN-1450. A complete NOT should include photodocumentation of the finished project area. The division will notify the permittee that either the NOT was received and accepted, or that the permit coverage is not eligible for termination (due to existing deficiencies) and has not been terminated.

We appreciate your attention to the terms and conditions of this general permit for aquatic resource alteration. If you have any questions, please contact Mr. Eddie Gordon at (931) 380-2614 or by e-mail at eddie.gordon@m.gov.

Sincerely,

A handwritten signature in cursive script that reads "Sherry R. Glass".

Sherry R. Glass, Environmental Manager
Division of Water Resources
Columbia Environmental Field Office



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)

Division of Water Resources

William R. Snodgrass Tennessee Tower, 11th Floor
 312 Rosa L. Parks Avenue, Nashville, Tennessee 37243
 1-888-891-TDEC (8332)

Notice of Termination (NOT) for General Aquatic Resource Alteration Permit (ARAP) Coverage

Submittal of this form is required when requesting termination of coverage from a General ARAP. The purpose of this form is to notify TDEC that the ARAP activities authorized at the portion of the identified facility have been completed. Submission of this form shall in no way relieve the permittee of permit obligations required prior to submission of this form. Please submit this form along with photographic documentation of the completion of the permitted activity to the local DWR Environmental Field Office (EFO) address (see table below). For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC).

Type or print clearly, using ink.

Site or Project Name:	ARAP Tracking Number: NR
Street Address or Location:	County(ies):

Name of Applicant Requesting Termination of Coverage:			
Permittee Contact Name:		Title or Position:	
Mailing Address:		City:	State:
Phone:		E-mail:	

Check the reason(s) for termination of permit coverage:

<input type="checkbox"/>	All activities authorized by the above referenced tracking number have been completed in accordance with terms and conditions of the general permit. Photographic documentation is attached.
<input type="checkbox"/>	The activity was not conducted.

Certification and Signature: (must be signed by president, vice-president or equivalent ranking elected official)

I certify under penalty of law that either: (a) all activities authorized by the above referenced tracking number have been completed in accordance with terms and conditions of the general permit; or (b) the authorized activity was not conducted. I understand that by submitting this notice of termination, I am no longer authorized to conduct aquatic resource alteration activities under this general permit, and that such alterations to waters of the State is unlawful under the Tennessee Water Quality Control Act or waters of the United States is unlawful under the Clean Water Act. I also understand that the submittal of this notice of termination does not release an operator from liability for any violations of this permit or the Clean Water Act and the Tennessee Water Quality Control Act.

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Permittee name (print or type):	Signature:	Date:
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EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett, TN	38133	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305	Chattanooga	1301 Riverfront Parkway, Ste 206	37402
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

Tennessee Department of Environment and Conservation
General Aquatic Resource Alteration Permit for
Maintenance Activities



Effective Date: April 7, 2015
Expiration Date: April 6, 2020

Activities Covered by this Permit

This general permit authorizes the maintenance of existing, currently serviceable structures or fills, such as dams, intake and outfall structures, utilities, culverts, and bridges in waters of the state. "Currently serviceable" means useable as is or with some maintenance, but not so degraded as to essentially require reconstruction.

In addition, this general permit also authorizes:

- Replacement of pipes and culverts where they are no longer currently serviceable.
- Excavation of accumulated sediments and debris obstructing or impeding the function of existing structures, for a cumulative maximum of 100 linear feet immediately above and/or below the structure.
- Placement of clean rock fill material within 25 feet upstream and 25 feet downstream of existing structures, where the erosive action of flowing water has undermined structural integrity.
- Minor deviations in the structure's configuration or filled area including those due to changes in materials, construction techniques, current construction codes, or safety standards which are required as part of repair or rehabilitation.

Certain activities due to size, location or potential water quality impacts are not covered under this general permit, as described in both the Special and General Conditions sections. Activities not qualifying for authorization under this general permit may be authorized by a standard (individual) permit provided that all requirements of the *Tennessee Water Quality Control Act of 1977* (the *Act*) are met.

Special Conditions

1. The length of the pipe or culvert structure may not be increased.
2. The capacity or diameter of the pipe or culvert may be increased during replacement, providing it does not result in channel widening or other channel destabilization.
3. Increasing dam height, resulting in increased impoundment footprint or change in downstream water quality is not covered.
4. Dewatering of impoundments to conduct dam maintenance must be performed in a controlled manner designed to minimize the release of accumulated sediments into downstream waters.

General Conditions

1. All activities must be accomplished in conformance with the approved plans, specifications, data and other information submitted in support of the NOI and the limitations, requirements and conditions set forth herein. Failure to comply with the terms and conditions of this permit is a violation of the *Tennessee Water Quality Control Act of 1977* (the *Act*), and is subject to penalty in accordance with T.C.A. §69-3-115.
2. Activities, either individually or cumulatively, that may result in greater than *de minimis* degradation to waters of the state are not covered. This general permit shall not be used incrementally to combine with other activities resulting in a net loss of water resource values.

3. Clearing, grubbing, and other disturbance to riparian vegetation shall be kept at the minimum necessary for slope construction and equipment operations. Unnecessary riparian vegetation removal, including trees, is prohibited. Native riparian vegetation must be reestablished after work is completed. Non-native, non-invasive annuals may be used as cover crops until native species are established. Coverage under this permit does not serve to waive any local riparian buffer protection requirement, and permittees are responsible for obtaining any necessary local approval.
4. Widening of the stream channel as a result of this activity is prohibited.
5. This activity may not result in a disruption or barrier to the movement of fish or other aquatic life.
6. Activities that directly impact wetlands, or impair surface water flow into or out of any wetland areas are not covered.
7. Activities located in a component of the National Wild and Scenic River System or waters designated as Outstanding National Resource Waters are not covered.
8. Activities occurring in known or likely habitat of state or federally listed threatened, endangered, or a species deemed in need of management may not be authorized without prior coordination with the Tennessee Wildlife Resources Agency (TWRA) and TDEC Division of Natural Areas (DNA) to determine if the proposed activities will or will not likely result in take, harassment, or destruction of the species or render the habitat unsuitable. Adverse effects to federal threatened and endangered species are not permitted without prior authorization from the United States Fish and Wildlife Service (USFWS) as required by Section 7 or Section 10 under the Endangered Species Act.
9. Work shall not commence until the permittee has obtained all necessary authorizations pursuant to applicable provisions of §10 of The Rivers and Harbors Act of 1899; §404 of The Clean Water Act and §26a of The Tennessee Valley Authority Act, as well as any other federal, state or local laws.
10. Backfill activities must be accomplished in a manner that stabilizes the streambed and banks to prevent erosion. All contours must be returned to pre-project conditions to the extent practicable and the completed activities may not disrupt or impound stream flow.
11. The use of monofilament-type erosion control netting or blanket is prohibited.
12. This permit does not authorize impacts to cultural, historic or archaeological features or sites.
13. This permit does not authorize access to private property. Arrangements concerning the use of private property shall be made with the landowner. Maintenance activities also require approval from any easement holders.
14. Where practicable, all activities shall be accomplished in the dry. All surface water flowing towards this work shall be diverted using cofferdams and/or berms constructed of sandbags, clean rock (containing no fines or soils), steel sheeting, or other non-erodible, non-toxic material. All such diversion materials shall be removed upon completion of the work.
15. All activities must be carried out in such a manner as will prevent violations of water quality criteria as stated in TDEC Rule 0400-40-03. This includes, but is not limited to, the prevention of any discharge or use of materials that may be harmful to humans, terrestrial or aquatic life, or causes a condition in which visible solids, bottom deposits or turbidity impairs the designated uses of waters of the state.
16. Erosion prevention and sediment control measures must be in place and functional before any land disturbance begin, and shall be designed according to the department's *Erosion and Sediment Control Handbook* (www.tn.gov/environment/wpc/sed_ero_controlhandbook/). Permanent vegetative stabilization using native species of all disturbed areas in or near the stream channel must be initiated

within 14 days of project completion (see also *Landscaping with Natives* at tneppc.org). Non-native, non-invasive annuals may be used as cover crops until native species are established.

17. The permittee is responsible for obtaining coverage under the National Pollutant Discharge Elimination System (NPDES) *General Permit for Storm Water Discharges from Construction Activities* where clearing, grading or excavation results in an area of disturbance of one or more acres, or activities that result in the disturbance of less than one acre if it is part of a larger common plan of development or sale.
18. Stream beds shall not be used as linear transportation routes for construction equipment. Temporary stream crossings shall be limited to one point in the construction area and erosion control measures shall be utilized where stream bank vegetation is disturbed. The crossing shall be constructed so that stream or wetland flow is not obstructed. Following construction, all materials used for the temporary crossing shall be removed and disturbed stream banks shall be restored and stabilized if needed.

Obtaining Permit Coverage

Maintenance activities limited to the excavation of accumulated sediments and debris obstructing or impeding the function of an existing structure, for a cumulative maximum of 100 linear feet immediately above and/or below the structure, and/or the placement of clean rock fill material within 25 feet upstream and 25 feet downstream of existing structures may be done without submittal of an application or written authorization from the division prior to the commencement of work, provided the work is performed in accordance with the permit terms and conditions.

Other proposed maintenance activities may obtain coverage by submitting a signed and completed NOI, along with any other required information, to the division. Work shall not commence until a written Notice of Coverage (NOC) from the division is received. As noted above, not all activities may be eligible for coverage under this general permit and coverage may be denied when appropriate.

Each Notice of Coverage under this general permit is valid until the expiration date specified on the NOC. If the expiration date on an NOC extends beyond the date the General Permit is modified, reissued, or revoked, and the permittee has commenced or is under contract to commence this activity before the expiration date, the permittee may have up to twelve (12) months from the date of the modification, reissuance, or revocation of the General Permit to complete the activity under the present terms and conditions of the general permit.

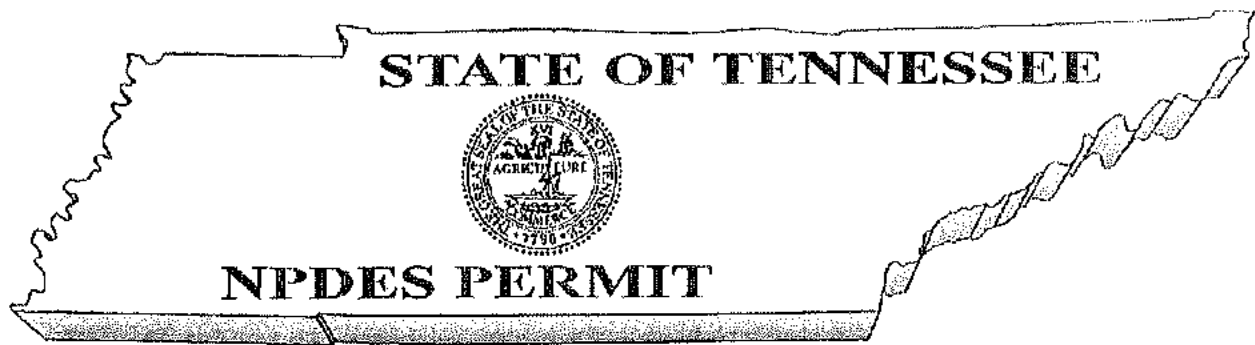
An application fee as established in Rule 0400-40-11-.02 will be assessed to applicants intending to receive an NOC to conduct activities under this general permit. An annual maintenance fee will be assessed to those individuals holding general permit coverage unless a Notice of Termination (NOT) form is received prior to the one-year anniversary of the issuance date of the NOC, or the NOC was issued for less than a one-year term. An NOT form can be downloaded from the division's ARAP webpage (<http://www.in.gov/environment/permits/arap.shtml>).

APPROVED: _____

Tisha Calabrese Benton
Director, Division of Water Resources

DATE: _____

4/6/15



Tracking Number TNR182218

NOTICE OF COVERAGE UNDER THE GENERAL NPDES PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (CGP)

Tennessee Department of Environment and Conservation
Division of Water Resources
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, TN 37243

Under authority of the Tennessee Water Quality Control Act of 1977 (T.C.A. 69-3-101 *et seq.*) and the delegation of authority from the United States Environmental Protection Agency under the Federal Water Pollution Control Act, as amended by the Clean Water Act of 1977 (33 U.S.C. 1251, *et seq.*):

Name of the Construction Project: **Phase III - Leakage Rehabilitation (1.1 acres)**

Master Tracking Number at the Site: **TNR182218**

Permittee Name: **City of Hohenwald**

Project Name: **Phase III - Leakage Rehabilitation**

Contractor(s): **no contractor**

is authorized to discharge: **storm water associated with construction activity**

from site located at: **S. Oak Street, Finerty Drive, & Cane Creek Road, Lewis County**

to receiving waters named: **East Fork Cane Creek**

in accordance with effluent limitations, monitoring requirements and other conditions set forth herein.

Likely presence of threatened or endangered species in one mile radius: **NO**
Likely presence of threatened or endangered species downstream: **NO**

Additional pollution prevention requirements apply for discharges into waters which TDEC identifies as:

- Exceptional Tennessee Waters: NO

Your coverage under the CGP shall become effective on **June 28, 2018**, and shall be terminated upon receipt of Notice of Termination.

A copy of the CGP can be obtained from
<https://www.tn.gov/content/tn/environment/permit-permits/water-permits/npdes-permits/npdes-stormwater-permitting-program/npdes-stormwater-construction-permit.html>



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

Columbia Environmental Field Office
1421 Hampshire Pike
Columbia, TN 38401

Phone 931-380-3371 Statewide 1-888-891-8332 Fax 931-380-3397

June 28, 2018

Honorable Danny McKnight
Mayor
City of Hohenwald
e-copy: dmcknight@hohenwald.com
118 W. Linden Ave.
Hohenwald, TN 38462

Subject: NPDES Construction General Permit Tracking No. TNR182218
Master Tracking Number: TNR182218
Phase III - Leakage Rehabilitation
City of Hohenwald
Hohenwald, Lewis County, Tennessee

Dear Mayor McKnight:

You recently submitted a Notice of Intent (NOI) form as part of an application package to obtain coverage under a General NPDES Permit for Storm Water Discharges Associated with Construction Activity. The Division of Water Resources (the division) acknowledges receipt of the most recent version of the application for the above referenced project on May 31, 2018. After review, the application was deemed to be complete on June 28, 2018. Enclosed is the Notice of Coverage (NOC) form which shows the site name and location, receiving stream, effective date of coverage, etc.

Contractor Information

You have not identified a contractor on the NOI. You must identify a primary contractor, or contractor otherwise responsible for sediment and erosion controls on the construction site, if appropriate, and submit a revised NOI to this office prior to beginning earth clearing operations onsite. When submitting the NOI, please include the above referenced permit tracking number.

Storm Water Pollution Prevention Plan (SWPPP)

You have submitted a Storm Water Pollution Prevention Plan (SWPPP) as required by Part 1.4.2 of the CGP. Please note that the division has not performed an engineering review of the SWPPP and does not certify whether the SWPPP adequately provides for the pollution prevention requirements at the site as described in the general permit. The division acknowledges that you have submitted a SWPPP that appears to include the required components of a SWPPP. It is the responsibility of all site operators to design, implement, and maintain measures that are sufficient to prevent pollution at the referenced site, and to remain in compliance with the terms and conditions of the general permit.

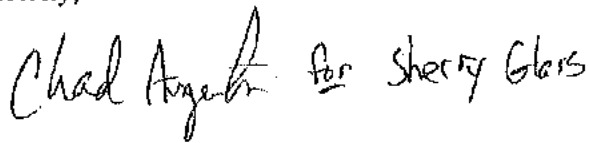
Annual Maintenance Fee and Termination of Permit Coverage

Effective July 1, 2014, permit fees for the General Permit have been revised. In addition to new application fee amounts, annual maintenance fees are now required for projects that exceed one year of coverage. Permittees wishing to terminate coverage must submit a completed notice of termination (NOT) form, which is available on the division's construction stormwater webpage at <https://www.tn.gov/content/tn/environment/permit-permits/water-permits/npdes-permits/npdes-stormwater-permitting-program/npdes-stormwater-construction-permit.html>.

The division will review the NOT for completeness and accuracy and, when necessary, investigate the site for which the NOT was submitted. The division will notify the applicant that either the NOT form was received and accepted, or that the permit coverage is not eligible for termination and has not been terminated. If applicable, the notification will include a summary of existing deficiencies.

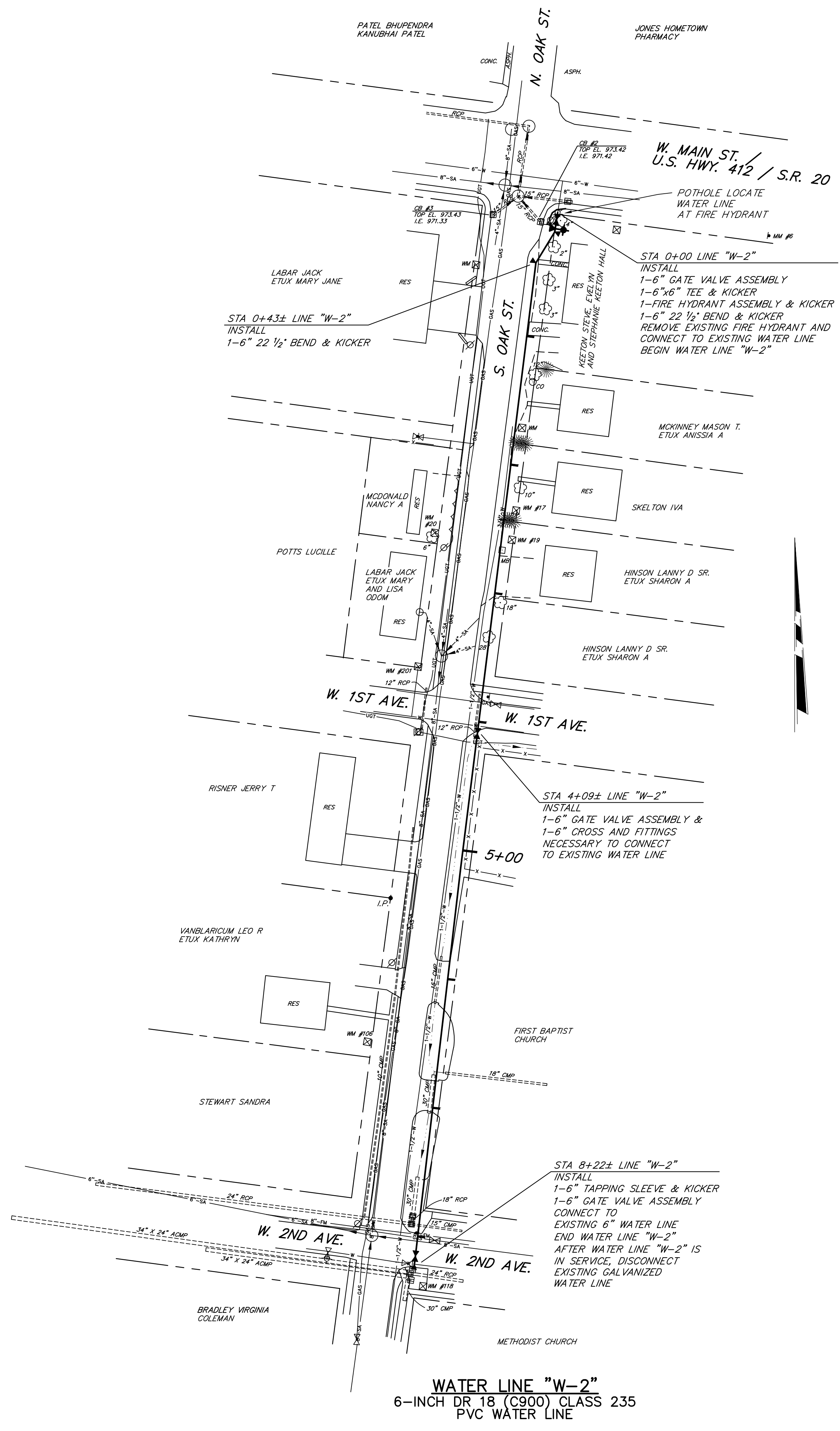
We appreciate your attention to the general construction storm water permit and its requirements. A copy of the CGP can be obtained from <https://www.tn.gov/content/tn/environment/permit-permits/water-permits/npdes-permits/npdes-stormwater-permitting-program/npdes-stormwater-construction-permit.html>. We believe this does make a difference to the quality of state waters. If you have any questions, please contact Ms. Crystal Stacey at (931) 560-1303 or by e-mail at Crystal.Stacey@tn.gov.

Sincerely,

 Chad Anger for Sherry Glass

Sherry Glass
Environmental Program Manager

cc: DWR, Columbia EFO Permit File



WATER LINE "W-2"
6-INCH DR 18 (C900) CLASS 235
PVC WATER LINE

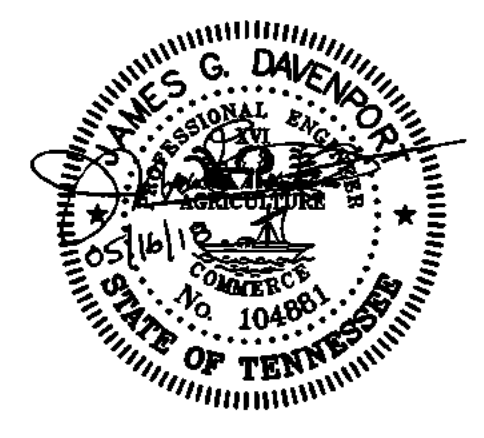
SERVICE LINE REPLACEMENT SCHEDULE	
BASE BID	
ADDRESS	SPECIAL NOTES
18 SERVICES ON RAY STREET	1, 2, 3
1206 WAYNESBORO HWY	1, 2, 3
1208 WAYNESBORO HWY	1, 2, 3
1209 WAYNESBORO HWY	1, 2, 3
1210 WAYNESBORO HWY	1, 2, 3
1220 WAYNESBORO HWY	1, 2, 3
1227 WAYNESBORO HWY	1, 2, 3
1232 WAYNESBORO HWY	1, 2, 3
1247 WAYNESBORO HWY	1, 2, 3
1267 WAYNESBORO HWY	1, 2, 3
1276 WAYNESBORO HWY	1, 2, 3
1279 WAYNESBORO HWY	1, 2, 3
105 REEVES ROAD	1, 2, 3
144 REEVES ROAD	1, 2, 3
150 REEVES ROAD	1, 2, 3
159 REEVES ROAD	1, 2, 3
173 REEVES ROAD	1, 2, 3
175 REEVES ROAD	1, 2, 3
178 REEVES ROAD	1, 2, 3
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183 REEVES ROAD	1, 2, 3
187 REEVES ROAD	1, 2, 3
190 REEVES ROAD	1, 2, 3
191 REEVES ROAD	1, 2, 3
205 REEVES ROAD	1, 2, 3
218 REEVES ROAD	1, 2, 3
224 REEVES ROAD	1, 2, 3
228 REEVES ROAD	1, 2, 3
236 REEVES ROAD	1, 2, 3
239 REEVES ROAD	1, 2, 3
254 REEVES ROAD	1, 2, 3
257 REEVES ROAD	1, 2, 3
262 REEVES ROAD	1, 2, 3
283 REEVES ROAD	1, 2, 3
298 REEVES ROAD	1, 2, 3
320 REEVES ROAD	1, 2, 3
327 REEVES ROAD	1, 2, 3

SERVICE LINE REPLACEMENT SCHEDULE	
BASE BID	
ADDRESS	SPECIAL NOTES
334 REEVES ROAD	1, 2, 3
345 REEVES ROAD	1, 2, 3
349 REEVES ROAD	1, 2, 3
358 REEVES ROAD	1, 2, 3
362 REEVES ROAD	1, 2, 3
515 LONGBRANCH ROAD	1, 2, 3
516 LONGBRANCH ROAD	1, 2, 3
526 LONGBRANCH ROAD	1, 2, 3
528 LONGBRANCH ROAD	1, 2, 3
540 LONGBRANCH ROAD	1, 2, 3
545 LONGBRANCH ROAD	1, 2, 3
550 LONGBRANCH ROAD	1, 2, 3
558 LONGBRANCH ROAD	1, 2, 3
559 LONGBRANCH ROAD	1, 2, 3
568 LONGBRANCH ROAD	1, 2, 3
569 LONGBRANCH ROAD	1, 2, 3
588 LONGBRANCH ROAD	1, 2, 3
604 LONGBRANCH ROAD	1, 2, 3
605 LONGBRANCH ROAD	1, 2, 3
612 LONGBRANCH ROAD	1, 2, 3
618 LONGBRANCH ROAD	1, 2, 3
619 LONGBRANCH ROAD	1, 2, 3
622 LONGBRANCH ROAD	1, 2, 3
631 LONGBRANCH ROAD	1, 2, 3
634 LONGBRANCH ROAD	1, 2, 3
635 LONGBRANCH ROAD	1, 2, 3
640 LONGBRANCH ROAD	1, 2, 3
805 LONGBRANCH ROAD	2
859 W. MAIN ST.	2
659 W. MAIN ST.	2
719 KIMMINS ST.	2
542 N. PARK ST.	2
205 BASTIN RD.	2
125 TWIN OAKS	2
193 BLACKBERRY RD.	2
793 COLUMBIA HWY.	2
(DAVID ASHMORE COLUMBIA HWY SHOP)	2

SERVICE LINE REPLACEMENT SCHEDULE	
BASE BID	
ADDRESS	SPECIAL NOTES
114 CANE CR. RD. - GARAGE	1, 2, 3
114 CANE CR. RD. - HOUSE	1, 2, 3
125 CANE CREEK ROAD	1, 2, 3
134 CANE CREEK ROAD	1, 2, 3
140 CANE CREEK ROAD	1, 2, 3
166 CANE CREEK ROAD	1, 2, 3
169 CANE CREEK ROAD	1, 2, 3
208 CANE CREEK ROAD	1, 2, 3
220A CANE CREEK ROAD	1, 2, 3
232 CANE CREEK ROAD	1, 2, 3
245 CANE CREEK ROAD	1, 2, 3
352 CANE CREEK ROAD	1, 2, 3
362 CANE CREEK ROAD	1, 2, 3
400 CANE CREEK ROAD	1, 2, 3
504 CANE CREEK ROAD	1, 2, 3
515 CANE CREEK ROAD	1, 2, 3
615 CANE CREEK ROAD	1, 2, 3
617 CANE CREEK ROAD	1, 2, 3
632 CANE CREEK ROAD	1, 2, 3
635 CANE CREEK ROAD	1, 2, 3
636 CANE CREEK ROAD	1, 2, 3
740 CANE CREEK ROAD	1, 2, 3

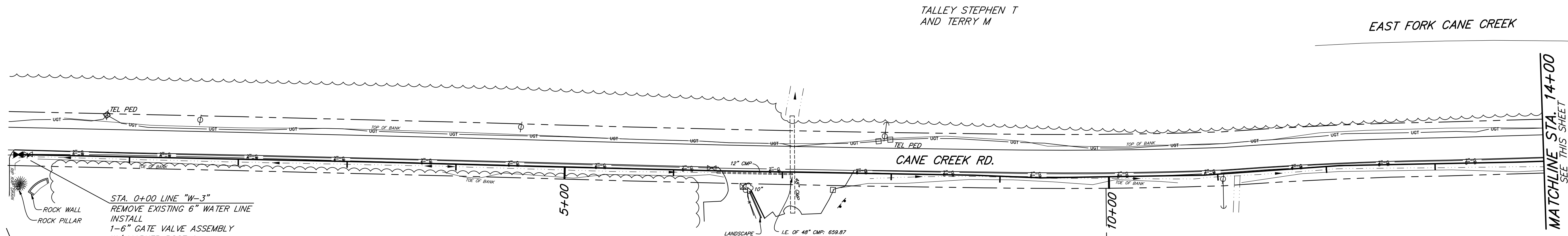
SPECIAL NOTES:

- SERVICE LINE REPLACEMENT
- METER REPLACEMENTS AS SUPPLIED BY OWNER
- USE EXISTING TAPS UNLESS DETERMINED UNUSABLE BY OWNER.



CONSTRUCTION NOTES:
1. SEE "GENERAL NOTES" AND "LEGEND", SHEET 1.

SHEET 2 OF 5	REVISIONS	WATER SYSTEM IMPROVEMENTS CONTRACT 18-01 PHASE III LEAKAGE REHABILITATION WATER LINE "W-2" STA. 0+00 TO E.O.L.	DESIGNED MLB
ADDENDUM NO. 1 7/05/2018 WCB			DRAWN WCB
FOR LEWIS COUNTY AND THE CITY OF HOHENWALD, TENNESSEE		SCALE 1" = 50'	CHECKED JGD
PROJECT NUMBER 2075	DATE MAY, 2018	WAUFORD J. R. Wauford & Company, Consulting Engineers, Inc. Nashville, Tennessee (615) 883-3343 www.jrwauford.com	

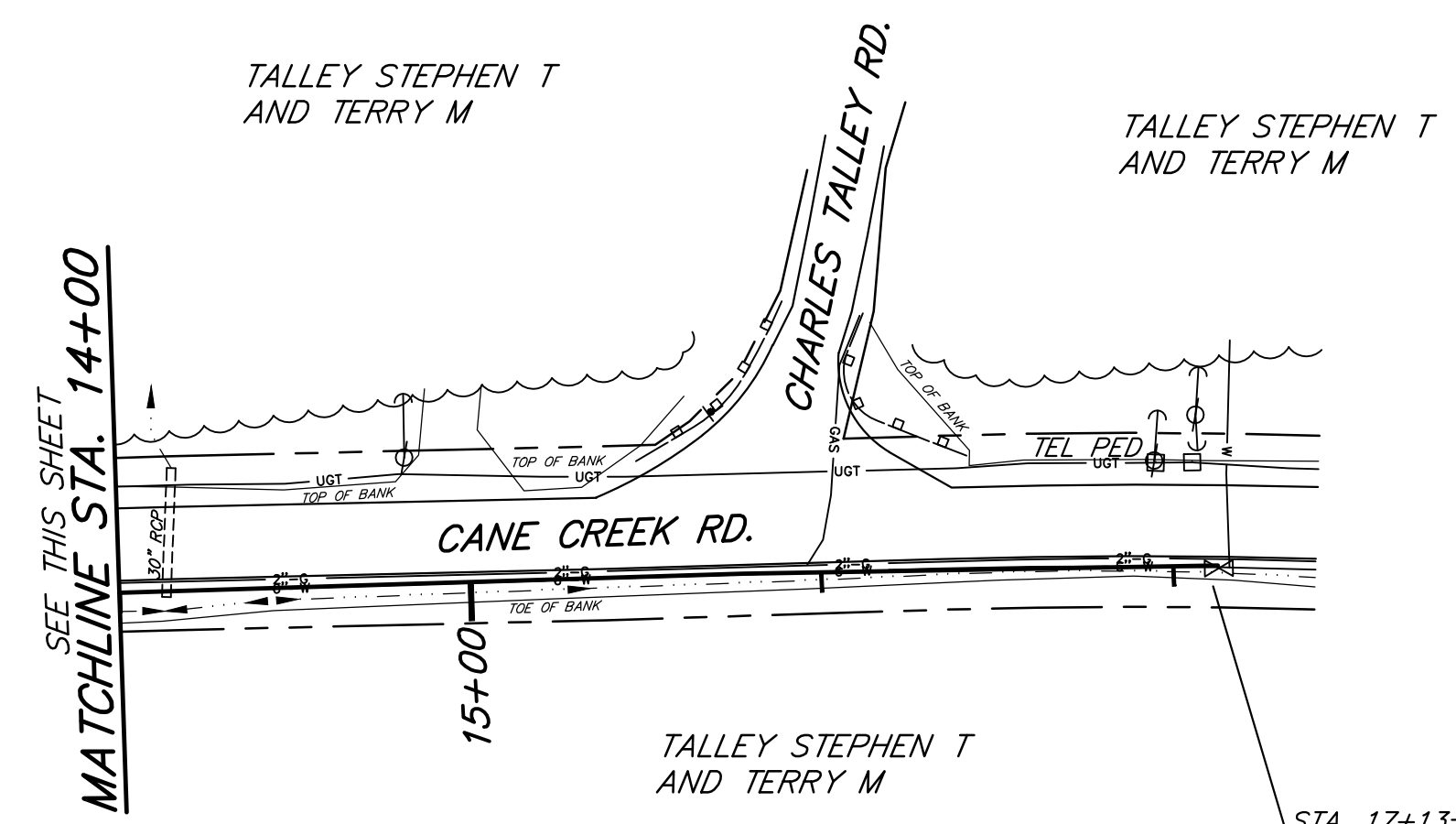


STA. 0+00 LINE "W-3"
 REMOVE EXISTING 6" WATER LINE
 INSTALL
 1-6" GATE VALVE ASSEMBLY
 W/ MARKER POST &
 TEMPORARY PLUG & BRACE
 BEGIN WATER LINE "W-3"
 AFTER WATER LINE HAS BEEN
 TESTED AND DISINFECTED
 REMOVE EXISTING VALVE
 CONNECT TO
 EXISTING 6" WATER LINE

WATER LINE "W-3"
 6-INCH DR 18 (C900) CLASS 235
 PVC WATER LINE

CONSTRUCTION NOTES:

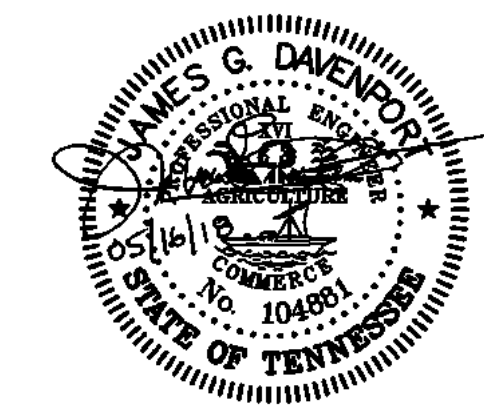
- SEE "GENERAL NOTES" AND "LEGEND", SHEET 1.
- △ DUE TO CONFLICTS WITH EXISTING UTILITIES AND SITE TOPOGRAPHY, WATER LINE "W-3" SHALL BE INSTALLED IN THE LOCATION OF THE EXISTING WATER LINE, AS DEPICTED ON THIS SHEET. PRIOR TO THE INSTALLATION OF WATER LINE "W-3", THE CONTRACTOR SHALL INSTALL A NEW 4-INCH TEMPORARY WATER LINE ATOP THE GROUND WITH TEMPORARY SERVICE CONNECTIONS TO ALLOW EXISTING CUSTOMERS IN THE PROJECT AREA AND DOWNSTREAM TO BE SERVED WHILE THE WATER LINE "W-3" IS INSTALLED. THE 4-INCH TEMPORARY WATER LINE SHALL BE SECURED BY SANDBAGS AS REQUIRED TO PREVENT MOVEMENT AND SHALL BE RATED FOR 150 PSI. THE TEMPORARY WATER LINE SHALL BE DISINFECTED IN ACCORDANCE WITH THE DETAILED SPECIFICATIONS PRIOR TO CONNECTION OF CUSTOMERS.



WATER LINE "W-3"
 6-INCH DR 18 (C900) CLASS 235
 PVC WATER LINE

CONSTRUCTION NOTES:

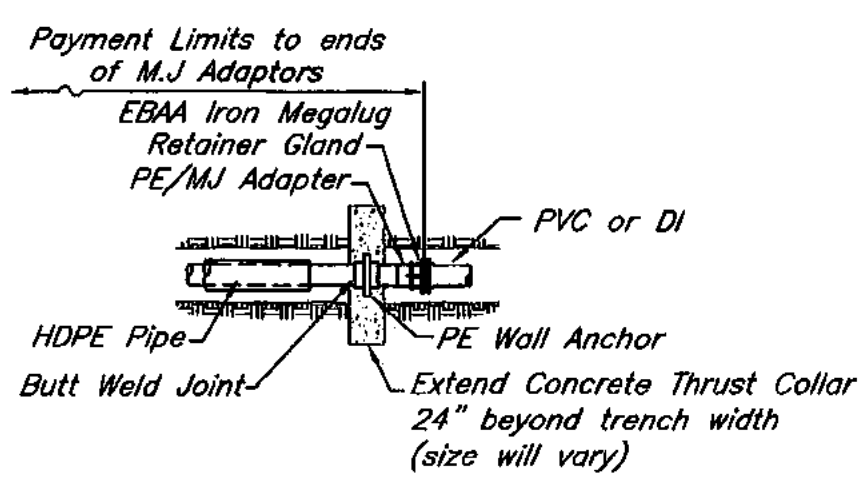
- SEE "GENERAL NOTES" AND "LEGEND", SHEET 1.
- △ DUE TO CONFLICTS WITH EXISTING UTILITIES AND SITE TOPOGRAPHY, WATER LINE "W-3" SHALL BE INSTALLED IN THE LOCATION OF THE EXISTING WATER LINE, AS DEPICTED ON THIS SHEET. PRIOR TO THE INSTALLATION OF WATER LINE "W-3", THE CONTRACTOR SHALL INSTALL A NEW 4-INCH TEMPORARY WATER LINE ATOP THE GROUND WITH TEMPORARY SERVICE CONNECTIONS TO ALLOW EXISTING CUSTOMERS IN THE PROJECT AREA AND DOWNSTREAM TO BE SERVED WHILE THE WATER LINE "W-3" IS INSTALLED. THE 4-INCH TEMPORARY WATER LINE SHALL BE SECURED BY SANDBAGS AS REQUIRED TO PREVENT MOVEMENT AND SHALL BE RATED FOR 150 PSI. THE TEMPORARY WATER LINE SHALL BE DISINFECTED IN ACCORDANCE WITH THE DETAILED SPECIFICATIONS PRIOR TO CONNECTION OF CUSTOMERS.



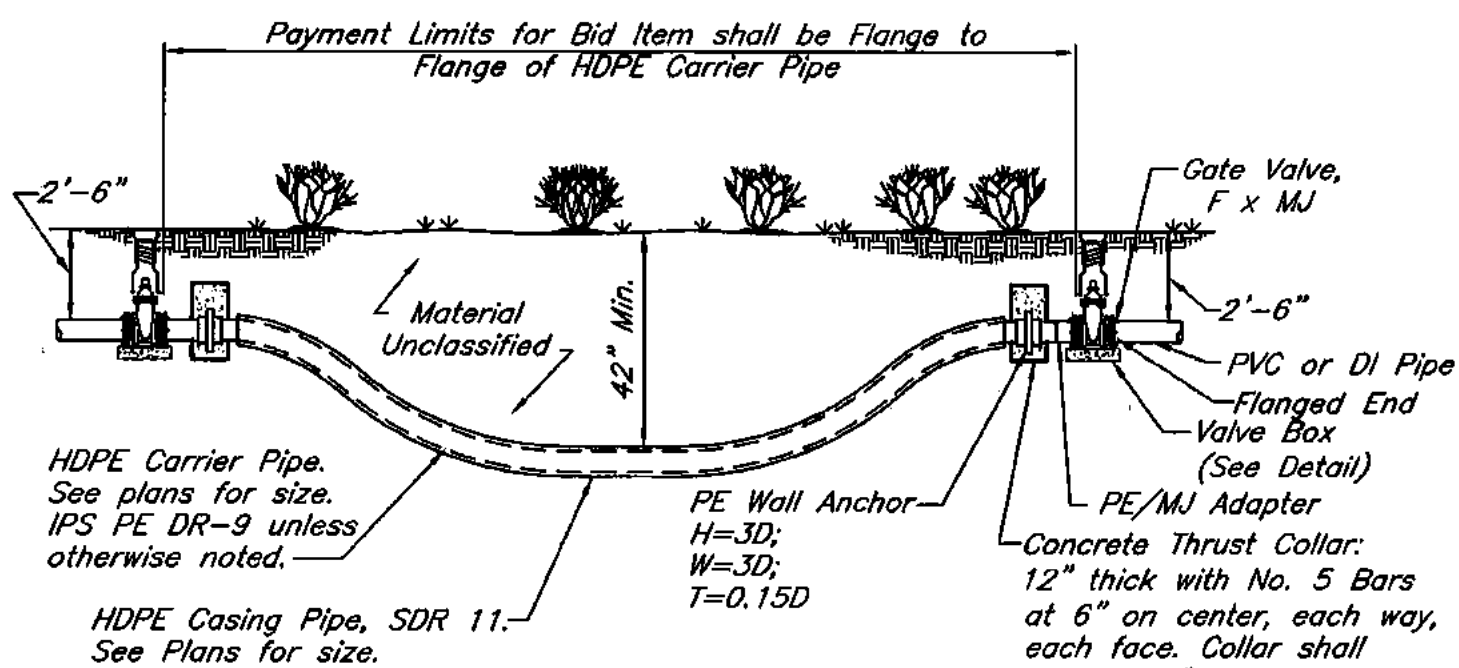
SHEET 3 OF 5	WATER SYSTEM IMPROVEMENTS CONTRACT 18-01 PHASE III LEAKAGE REHABILITATION	
REVISIONS	ADDENDUM NO. 1 7/05/2018 WCB	
WATER LINE "W-3" STA. 0+00 TO E.O.L		
FOR LEWIS COUNTY AND THE CITY OF HOHENWALD, TENNESSEE		
SCALE 1" = 50'	DESIGNED MLB	DRAWN WCB
PROJECT NUMBER 2075	DATE MAY, 2018	
		WAUFORD J. R. Wauford & Company, Consulting Engineers, Inc. Nashville, Tennessee (615)883-3243 www.jrwauford.com

CASING PIPE SIZE	
HDPE DR 30 CHAMFER PIPE	HDPE DR 11 CASING PIPE
3"	6"
4"	10"
6"	12"
8"	16"
10"	18"
12"	24"
16"	30"
24"	36"

* unless otherwise noted on plans.



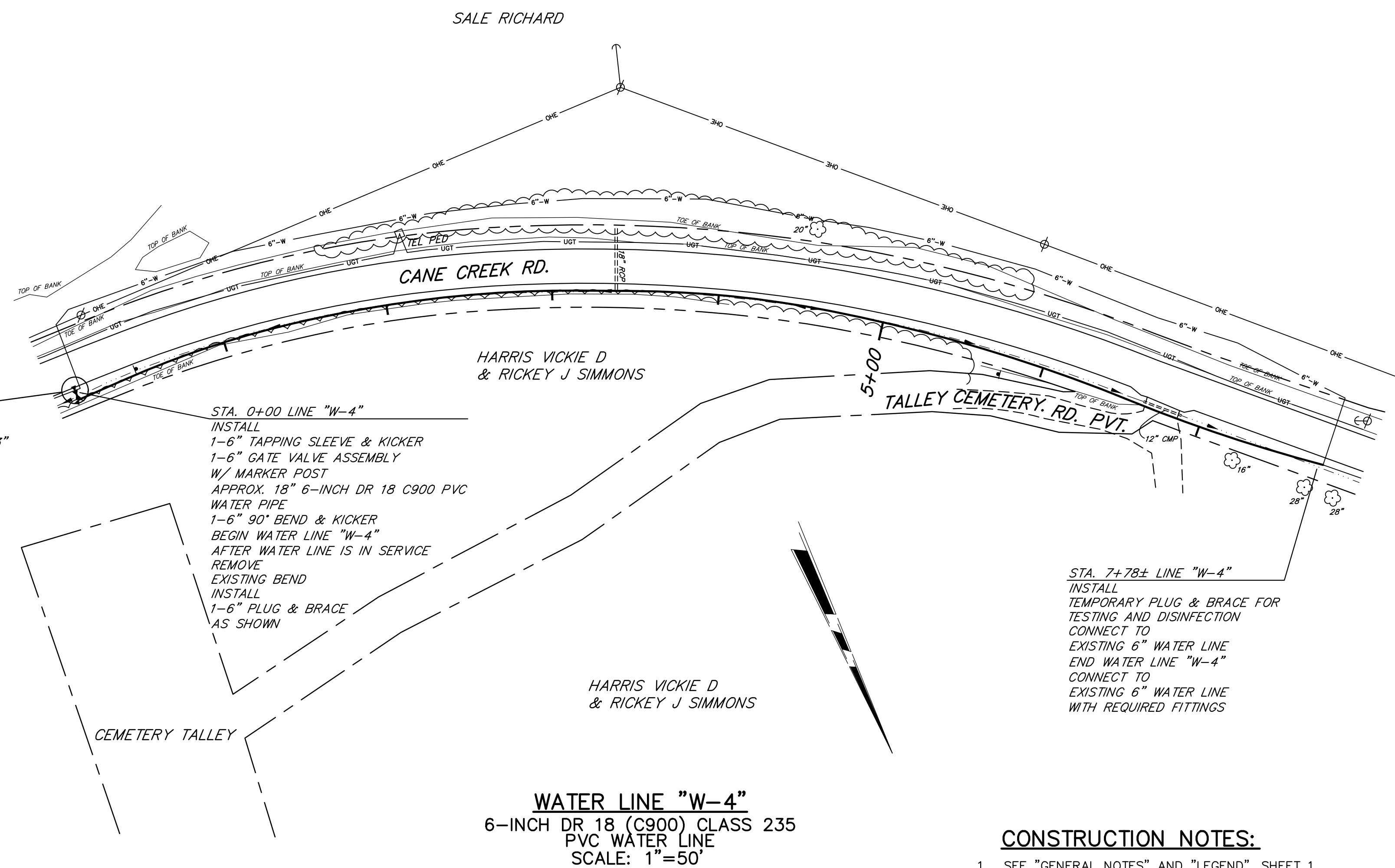
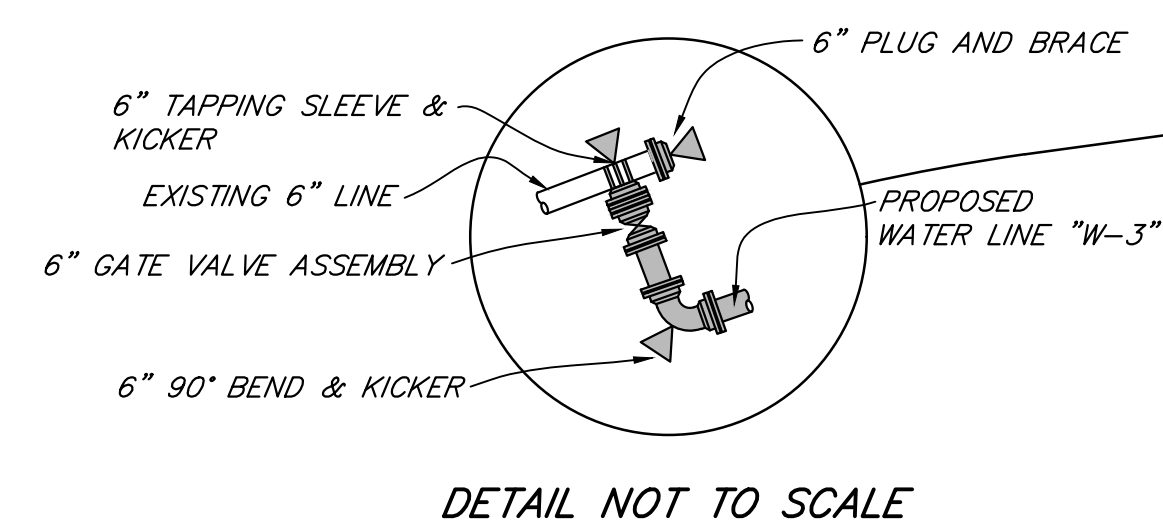
END TREATMENT WITHOUT VALVE



NOTE: Payment shall be "Lump Sum" for specific individual Bid Items for Directional Bore of large stream crossings and/or some classified small streams where the physical crossing characteristics differ significantly from the other small streams in the project. Determination of required length is responsibility of Contractor. When a creek crossing test meter is shown on the drawings and it is necessary to tap the HDPE pipe for the meter connection, the tapping saddle specifically manufactured for HDPE pipe shall be used.

Payment shall be "each" for directional bores of small stream crossings unless contained in an individual specific bid item. All small stream crossings in the project shall be considered the same regardless of width (up to 15 L.F.) or depth. It is the responsibility of the Contractor to determine an average unit price that will be used for payment for each instance a blue line stream is crossed. Stream crossings may be added for extended lines beyond those shown on the plans, at the same unit price providing the crossings are reasonably similar to those in the initial project. Stream crossings may be deleted, without affecting the unit price, if a line is deleted or shortened.

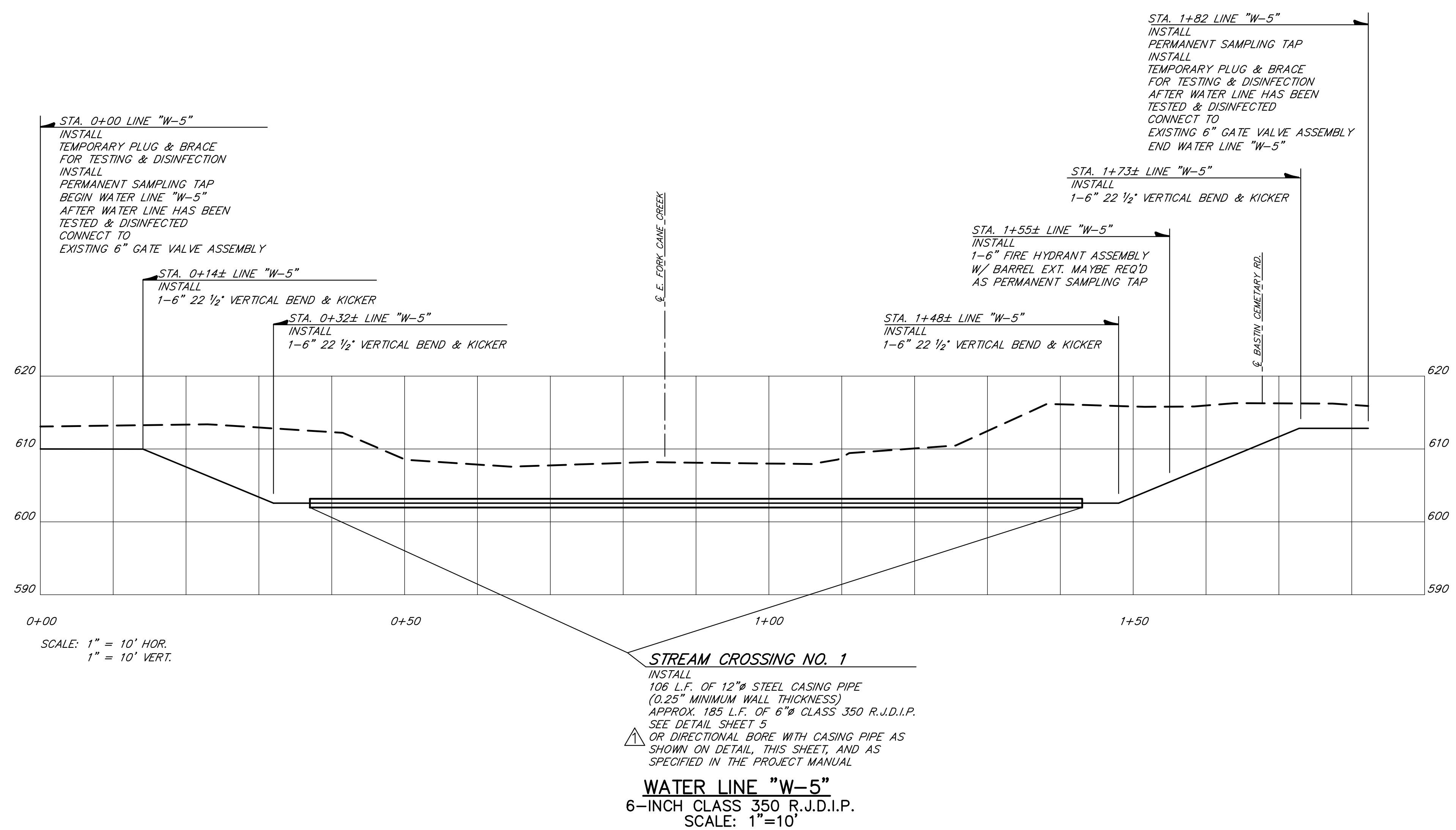
DIRECTIONAL BORE WITH CASING
March 2015 **NOT TO SCALE**



STA. 7+78± LINE "W-4"
INSTALL
TEMPORARY PLUG & BRACE FOR TESTING AND DISINFECTION
CONNECT TO
EXISTING 6" WATER LINE
END WATER LINE "W-4"
CONNECT TO
EXISTING 6" WATER LINE
WITH REQUIRED FITTINGS

WATER LINE "W-4"
6-INCH DR 18 (C900) CLASS 235
PVC WATER LINE
SCALE: 1"=50'

CONSTRUCTION NOTES:
1. SEE "GENERAL NOTES" AND "LEGEND", SHEET 1.



STA. 1+82 LINE "W-5"
INSTALL
PERMANENT SAMPLING TAP
INSTALL
TEMPORARY PLUG & BRACE
FOR TESTING & DISINFECTION
AFTER WATER LINE HAS BEEN
TESTED & DISINFECTED
CONNECT TO
EXISTING 6" GATE VALVE ASSEMBLY
END WATER LINE "W-5"

STA. 1+73± LINE "W-5"
INSTALL
1-6" 22 1/2" VERTICAL BEND & KICKER

STA. 1+55± LINE "W-5"
INSTALL
1-6" FIRE HYDRANT ASSEMBLY
W/ BARREL EXT. MAYBE REQ'D
AS PERMANENT SAMPLING TAP

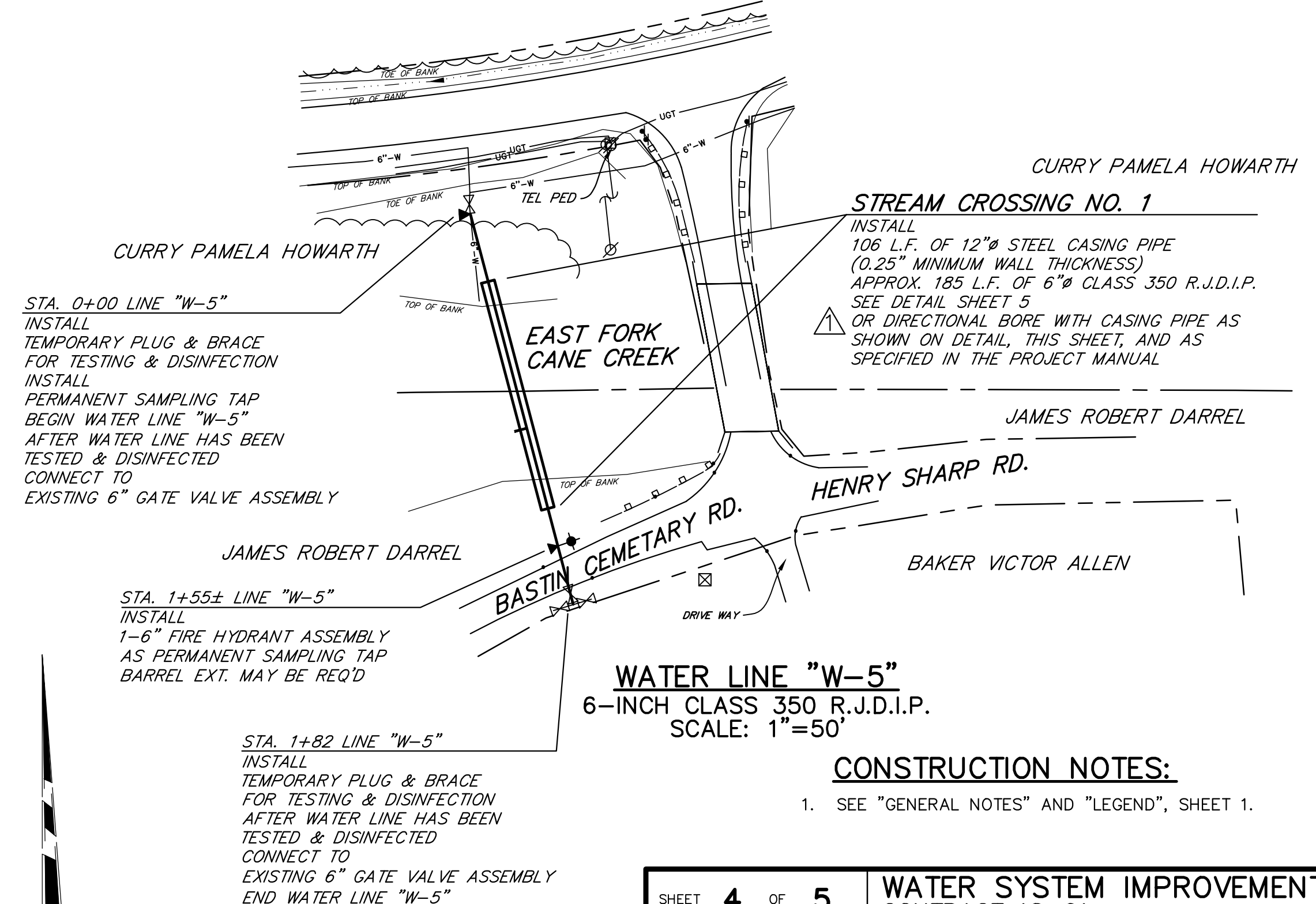
STA. 1+48± LINE "W-5"
INSTALL
1-6" 22 1/2" VERTICAL BEND & KICKER

STA. 0+14± LINE "W-5"
INSTALL
1-6" 22 1/2" VERTICAL BEND & KICKER

STA. 0+32± LINE "W-5"
INSTALL
1-6" 22 1/2" VERTICAL BEND & KICKER

STREAM CROSSING NO. 1
INSTALL
106 L.F. OF 12"Ø STEEL CASING PIPE
(0.25" MINIMUM WALL THICKNESS)
APPROX. 185 L.F. OF 6"Ø CLASS 350 R.J.D.I.P.
SEE DETAIL SHEET 5
OR DIRECTIONAL BORE WITH CASING PIPE AS
SHOWN ON DETAIL, THIS SHEET, AND AS
SPECIFIED IN THE PROJECT MANUAL

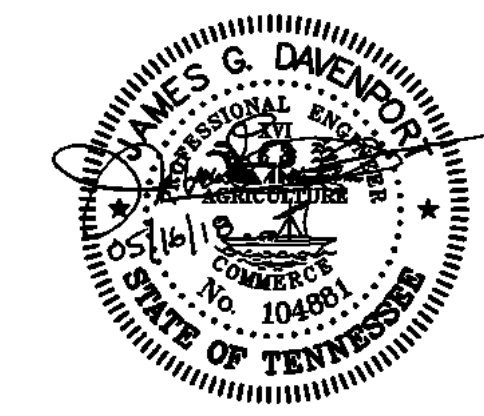
WATER LINE "W-5"
6-INCH CLASS 350 R.J.D.I.P.
SCALE: 1"=10'



STREAM CROSSING NO. 1
INSTALL
106 L.F. OF 12"Ø STEEL CASING PIPE
(0.25" MINIMUM WALL THICKNESS)
APPROX. 185 L.F. OF 6"Ø CLASS 350 R.J.D.I.P.
SEE DETAIL SHEET 5
OR DIRECTIONAL BORE WITH CASING PIPE AS
SHOWN ON DETAIL, THIS SHEET, AND AS
SPECIFIED IN THE PROJECT MANUAL

WATER LINE "W-5"
6-INCH CLASS 350 R.J.D.I.P.
SCALE: 1"=50'

CONSTRUCTION NOTES:
1. SEE "GENERAL NOTES" AND "LEGEND", SHEET 1.



SHEET 4 OF 5	REVISIONS	ADDENDUM NO. 1 7/05/2018 WCB	DESIGNED MLB
WATER SYSTEM IMPROVEMENTS CONTRACT 18-01 PHASE III LEAKAGE REHABILITATION		DRAWN WCB	
WATER LINE "W-4" STA. 0+00 TO E.O.L. WATER LINE "W-5" STA. 0+00 TO E.O.L.		CHECKED JGD	
FOR LEWIS COUNTY AND THE CITY OF HOHENWALD, TENNESSEE		PROJECT NUMBER 2075	
SCALE AS SHOWN	DATE MAY, 2018	DESIGNED MLB DRAWN WCB CHECKED JGD	
PROJECT NUMBER 2075		DATE MAY, 2018	
PROJECT NUMBER 2075		DATE MAY, 2018	