

Case No. 2016-00111
LETTER OF TRANSMITTAL



HMB Professional Engineers, Inc.
3 HMB Circle, US 460
Frankfort, KY 40601
Phone: (502)695-9800
Fax: (502)695-9810

DATE	2/29/2016	JOB NO.	4220.00
ATTENTION	Mr. Jeff Derouen, Executive Director		
RE:	Western Lewis Rectorville Water & Gas District		
RECEIVED			
MAR 01 2016			
PUBLIC SERVICE COMMISSION			

Ky Public Service Commission
2011 Sower Blvd
Frankfort, KY 40602
HAND DELIVERY

WE ARE SENDING YOU Attached Under Separate Cover Via: _____ the following items:

Shop Drawings Prints Plans Samples Specifications

Copy of Letter Change Order PSC Submittal Package

COPIES	DATE	NO.	DESCRIPTION
1	2/25/2016		Cover Letter w/ Distribution List
11			Application for a Certificate of Public Convenience & Necessity
11	9/22/2015		ARC Letter of Conditions
11	10/2/2014		Kentucky Infrastructure Authority Commitment Letter
2			Preliminary & Final Engineering Reports
1	1/20/2016		Certified Bid Tabulations
11	2/25/2016		Contract Award Concurrence
1			CD with Plans and Contract Documents

THESE ARE TRANSMITTED as checked below:

- | | | |
|--|--|---|
| <input type="checkbox"/> For Approval | <input type="checkbox"/> No Exceptions Taken | <input type="checkbox"/> Resubmit ___ Copies for Approval |
| <input checked="" type="checkbox"/> For Your Use | <input type="checkbox"/> Note Markings | <input type="checkbox"/> Submit ___ Copies for Distribution |
| <input type="checkbox"/> As Requested | <input type="checkbox"/> Returned for Corrections | <input type="checkbox"/> Sign and Return |
| <input checked="" type="checkbox"/> For Review and Comment | <input type="checkbox"/> _____ | |
| <input type="checkbox"/> FOR BIDS DUE _____ | <input type="checkbox"/> RETURNED AFTER LOAN TO US | |

REMARKS

Dear Sir or Madam, This project has a deadline to be under contract by April 1, 2016. If there was any way that we could get an expedited review it would be very appreciated. I am aware that the normal process takes up to 30 days for processing, however; since the funding involved does not require Bonds and there is no Rate Increase proposed I hope you will take this into consideration for a quick approval.

Should you need any additional items please contact me immediately and I will get you the items in question.

Thank you for your cooperation in advancing this project.
Mr. Jeff Schumacher - Schumacher Law Office
COPY TO Mr. Chad Clark, Manager - WLR
Ms. Laura Jefferson - BTADD
File

SIGNED: Brandon G. Baxter, P.E.

If enclosures are not as noted, kindly notify us at once

SCHUMACHER LAW OFFICE

217 Wall Street
P.O. Box 607
Maysville, Kentucky
41056

Jeffrey L. Schumacher *

* also admitted to practice in Ohio

(606) 564-9066
Fax: (606) 564-9067
email: schumacherlaw@maysvilleky.net

February 25, 2016

RECEIVED

MAR 01 2016

PUBLIC SERVICE
COMMISSION

Kentucky Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

Case No. 2016-00111

RE: Wester Lewis-Rectorville Water District
Phase V Water System Improvements Project
- Distribution System Improvements
- AMR System Installation
- Flat Gap Tank Rehabilitation

Dear Executive Director:

Enclosed please find the original and ten (10) copies of the Application of the Western Lewis-Rectorville Water District for a Certificate Of Public Convenience And Necessity to construct and finance the above-listed improvement projects to the Western Lewis-Rectorville Water District systems.

Also enclosed are the required EXHIBITS regarding this application. Please advise if you require any further information and/or documentation. We appreciate your assistance and guidance in getting these projects underway.

Sincerely,


Jeffrey L. Schumacher

JLS:mjh
Enclosures
cc: Distribution List attached

DISTRIBUTION LIST

Re: Western Lewis Rectorville Water & Gas District
Phase V – Water System Improvements

Mr. Thomas G. Fern
State Director
USDA, Rural Development
771 Corporate Drive
Suite 200
Lexington, Kentucky 40503-5477

Telephone: (859) 224-7336
Fax: (859) 224-7340

Mr. Elwood Howe
USDA, Rural Development
220 West First Street
Morehead, KY 40351

Telephone: (606) 784-6447
Fax: (855) 770-7590

Mr. Chad Clark
Western Lewis Rectorville Water & Gas District
8044 KY 3161
Maysville, KY 41056

Telephone: (606) 742-0014

Mr. Jeffrey L. Schumacher
Schumacher Law Office
217 Wall Street
Maysville, KY 41056

Telephone: (606) 564-9066
Fax: (606) 564-9067

Mr. Brandon Baxter, P.E.
HMB Professional Engineers, Inc.
3 HMB Circle, US 460
Frankfort, KY 40601-5376

Telephone: (502) 695-9800

RECEIVED

MAR 01 2016

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION
PUBLIC SERVICE
COMMISSION

In The Matter Of:

THE APPLICATION OF THE WESTERN LEWIS-)
RECTORVILLE WATER DISTRICT FOR A)
CERTIFICATE OF PUBLIC CONVENIENCE AND) CASE NO. 2016-00111
NECESSITY TO CONSTRUCT AND FINANCE)
WATER SYSTEM IMPROVEMENTS)

APPLICATION

This application of the Western Lewis-Rectorville Water District ("Applicant") respectfully shows:

1. That Applicant is a water district created and existing pursuant to and in accordance with Chapter 74 of the Kentucky Revised Statutes.

2. That Applicant's mailing address is as follows:

Western Lewis-Rectorville Water District
c/o Mr. John Thomas, Chairman
8044 Ky 3161
Maysville, Kentucky 41056
email address: wlrwaterandgas@maysvilleky.net

3. That Applicant, pursuant to KRS 278.023, seeks a Certificate Of Public Convenience And Necessity, permitting Applicant to construct a water system improvement project (the "Project") and approval of the proposed plan of financing said Project.

4. That the Project consist of three parts: (1) Construction and/or installation of distribution system improvements including replacement and/or extension of water lines as set out in the enclosed plans; (2) installation of an AMR system to read meters; and (3) the rehabilitation of the existing water storage tank at Flat Gap.

5. The Applicant proposes to finance the construction of the Project through its receipt of a \$500,000 Appalachian Regional Commission ("ARC") grant administered through Rural Development ("RD"); and a 20 year, 30% forgiven, 0.75% per annum interest rate loan from the Kentucky Infrastructure Authority, in an amount not to exceed \$1,266,500. This project does not require any bonds to be issued.

6. The Applicant will construct the project in conformity with the minimum construction standards of this Commission.

7. The Applicant files the following Exhibits in support of this Application:

- "Exhibit A": Copy of the RD/ARC Letter of conditions.

- "Exhibit B": Copy of the Ky Infrastructure Authority commitment letter.

- "Exhibit C": Copy of Preliminary Engineering Report, Final Engineering Report, and certified bid tabulations.

- "Exhibit D": Copy of the Contract Award Concurrence.

8. This project does not involve or require a request for a rate change.

9. That the foregoing constitutes the documents necessary to obtain the approval of this Commission in accordance with KRS and KAR for the Project.

WHEREFORE, the Western Lewis-Rectorville Water District, as Applicant herein, respectfully requests the Public Service Commission of the Commonwealth Of Kentucky to approve and grant Applicant the following:

- A. A Certificate Of Public Convenience And Necessity permitting Applicant to construct and finance the Project as outlined above and in the attached exhibits.
- B. An Order approving the financing of the project through the grants and loans as outlined above and in the attached exhibits.

Submitted by:

Western Lewis-Rectorville Water District

By: John Thomas
JOHN THOMAS - Chairman

COUNSEL FOR WLR Water District

SCHUMACHER LAW OFFICE
217 Wall Street
Maysville, Kentucky 41056
606-564-9066

by: Jeffrey L. Schumacher
Jeffrey L. Schumacher

COMMONWEALTH OF KENTUCKY
COUNTY OF MASON

Sworn, subscribed to and acknowledged before me by John Thomas, as Chairman of the Western Lewis-Rectorville Water District, who states that he has read the foregoing Application; that he is familiar with the Project details; and that he swears and affirms that the contents of the Application set out above are true and correct to the best of his own knowledge and belief.

Sharon Dennis #429654
NOTARY PUBLIC - State At Large

My commission expires: 10/8/2018



September 22, 2015

RECEIVED

MAR 01 2016

PUBLIC SERVICE
COMMISSION

Mr. John Thomas, Jr, Chairman
Western Lewis-Rectorville Water & Gas District
8044 Kentucky 3161
Maysville, Kentucky 41056

Dear Chairman Thomas:

This letter establishes conditions which must be understood and agreed to by you before further processing of your Appalachian Regional Commission (ARC) grant application and which must be met before the grant can be closed.

The Federal Co-Chairman of ARC has entered into an agreement with the Administrator of the Rural Utilities Service (RUS) whereby the RUS will be responsible for awarding and administering the ARC grant offer for the proposed project in an amount not to exceed \$500,000. The grant offer is composed of an ARC Section 214 Grant in the amount of \$500,000.

Please complete Form RD 1942-46, "Letter of Intent to Meet Conditions," if you agree with the conditions stated herein and desire to continue with the ARC grant.

1. Grant Administration:

The RUS is responsible for administering the ARC grant. This will include responsibility of making the decisions and determinations involving project costs, availability of funds, contract documents, specifications, plans, change orders, inspections during construction, final inspections, financial management of the project, and other areas affecting the awarding and administering of the ARC grant.

2. Grant Resolution:

The District will be required to pass and adopt a resolution accepting the grant offer of \$500,000 from the Appalachian Regional Commission.

3. Grant Agreement:

The District will be required to execute RUS Bulletin 1780-12, "Water or Waste System Grant Agreement," prior to closing the grant.

Rural Development • Kentucky State Office
771 Corporate Drive, Suite 200, Lexington, Kentucky 40502
Voice (859) 224-7300 • Fax (859) 224-4748 • TTY (859) 224-7422

USDA is an equal opportunity provider and employer.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form (PDF), found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

Western Lewis-Rectorville Water & Gas District

4. Drug-Free Work Place:

Prior to grant closing, the District will be required to execute Form AD-1049, "Certification Regarding Drug-Free Workplace Requirements (Grants) Alternative I - For Grantees Other Than Individuals."

5. Organization:

The District will be legally organized under applicable KRS, which will permit them to perform this service and to carry out the purpose of the proposed grant.

The District must maintain a current registration of their Dun and Bradstreet Data Universal Numbering System (DUNS) number in SAM.gov (System for Award Management) in order to receive federal loan and/or grant financial assistance. This registration must be updated/renewed at least annually.

6. Office of General Counsel:

The District will be required to submit sufficient evidence for the Office of General Counsel to determine that it is an eligible entity, and able to carry out the purposes of the proposed grant.

7. Fund Release:

The District will be required to provide paid receipts or accounts payable invoices for release of funds.

8. Davis-Bacon Act:

The construction contracts for project work in all applicable cases will contain binding provisions for paying the prevailing wages as determined by the Secretary of Labor in accordance with Davis-Bacon Act.

9. Civil Rights & Equal Opportunity:

You should be aware of and will be required to comply with other federal statute requirements including but not limited to:

A. Section 504 of the Rehabilitation Act of 1973:

Under Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), no handicapped individual in the United States shall, solely by reason of their handicap, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Rural Development financial assistance.

B. Civil Rights Act of 1964:

All grantees are subject to, and facilities must be operated in accordance with, Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d *et seq.*) and Subpart E of Part 1901 of this Title, particularly as it relates to conducting

Western Lewis-Rectorville Water & Gas District

and reporting of compliance reviews. Instruments of conveyance for loans and/or grants subject to the Act must contain the covenant required by paragraph 1901.202(e) of this Title.

C. The Americans with Disabilities Act (ADA) of 1990:

This Act (42 U.S.C. 12101 et seq.) prohibits discrimination on the basis of disability in employment, state and local government services, public transportation, public accommodations, facilities, and telecommunications. Title II of the Act applies to facilities operated by state and local public entities that provide services, programs, and activities. Title III of the Act applies to facilities owned, leased, or operated by private entities that accommodate the public.

D. Age Discrimination Act of 1975:

This Act (42 U.S.C. 6101 et seq.) provides that no person in the United States shall, on the basis of age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.

Rural Development financial programs must be extended without regard to race, color, religion, sex, national origin, marital status, age, or physical or mental handicap.

10. Compliance with Special Laws and Regulations:

The District will be required to conform with any and all state and local laws and regulations affecting this type project. This will include compliance certification from the United States Department of Labor, if applicable.

11. Advertising for Bids:

The District will be required to comply with State and Federal laws on procurement.

12. Prior to Closing the Grant, the District Will Be Required to Adopt:

- A. Form RD 400-1, "Equal Opportunity Agreement."
- B. Form RD 400-4, "Assurance Agreement."
- C. Form AD-1047, "Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transaction," to certify that your organization is not debarred or suspended from Government assistance. You must obtain a certification on Form AD-1048, "Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion - Lower Tier Covered Transaction," from any person or entity you do business with as a result of this Government assistance that they are not debarred or suspended from Government assistance.
- D. RD Instruction 1940-Q, Exhibit A-1, "Certification for Contracts, Grants and Loans," which requires disclosure of lobbying activities, if any.

Western Lewis-Rectorville Water & Gas District

13. Insurance and Bonding:

The following insurance and bonding will be required:

- A. Adequate Liability and Property Damage Insurance including vehicular coverage, if applicable, must be obtained and maintained by the District. The District should obtain amounts of coverage as recommended by its attorney, consulting engineer and/or insurance provider.
- B. Worker's Compensation - The District will carry worker's compensation insurance for employees in accordance with applicable state laws.
- C. Real Property Insurance - The District will obtain and maintain adequate fire and extended coverage on all structures including major items of equipment or machinery located in the structures. The amounts of coverage should be based on recommendations obtained by the District from its attorney, consulting engineer and/or insurance provider. Subsurface lift stations do not have to be covered except for the value of electrical and pumping equipment therein.
- D. Flood Insurance - The District will obtain and maintain adequate coverage on any facilities located in special flood and mudslide prone areas.

14. Audit/Closeout Report:

The District will be required to furnish an audit report, or other approved report, on the final cost of the project, at its own expense.

The proportionate share of any ARC grant funds actually advanced and not needed for any approved purposes shall be returned immediately to the ARC as provided for in the grant agreement.

15. Remaining Project Funds:

If the actual eligible costs are less than the estimated costs on which the Commission based its approval of a supplemental or special basic grant (or if the non-214 basic federal grant(s) or the non-federal funds are increased for a project without any change in eligible project costs), the amount of Section 214 funds available for the project shall be reduced to the difference between the actual eligible costs and the sum of (i) the non-214 basic grant(s) and (ii) the non-federal funds shown in the approved Section 214 application unless, because of changed circumstances, the Commission directs otherwise.

16. Disbursement of Project Funds:

A construction account for the purpose of disbursement of project funds will be established by the District. Prior to disbursement of funds by the District, the District shall review and approve each invoice. All invoices and vouchers must be approved by RUS prior to payment by the District.

Western Lewis-Rectorville Water & Gas District

Positions of officials entrusted with the receipt and disbursement of the construction account will be covered by a fidelity bond with USDA as Co-Obligee. The amount of coverage will be at least equal to the amount of funds on hand in the construction account at any one time.

17. Rates and Charges:

Rates and charges for facilities and services rendered by the District must be at least adequate to meet cost of maintaining, repairing and operating the water system and meeting required principal and interest payments and the required deposits to debt service and/or depreciation reserve.

18. Cost of Facility:

Breakdown of Costs:

Admin. & Miscellaneous Expenses	\$ 17,000
Development	\$ 1,420,000
Land and Rights	5,000
Legal	6,000
Engineering	210,500
Contingencies	<u>122,600</u>
TOTAL	\$ 1,781,100

Financing:

ARC Grant	\$ 500,000
SRF Grant (forgivable principal)	380,000
SRF .75% - 20 year loan	886,500
Connection & Tap Fees Contribution	<u>14,600</u>
TOTAL	\$ 1,781,100

19. Applicant Contribution:

The District will be required to contribute \$14,600 toward the cost of the project (from new user connection fees). The Area Director will verify this amount being available prior to grant closing or start of construction, whichever occurs first.

20. Commitment of Other Funds:

This Letter of Conditions is issued contingent upon a firm commitment being in effect prior to advertising for construction bids for the SRF loan & grant in the total amount of \$1,266,500.

21. Compliance with the Bioterrorism Act:

Prior to closing the grant, the District will provide a certification they have completed a Vulnerability Assessment (VA) and prepared an emergency response plan (ERP) as required by the Safe Drinking Water Act (SDWA).

22. Mitigation Measures:

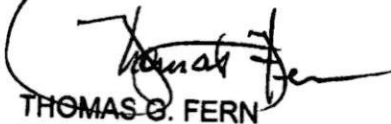
- A. The project shall be in compliance with all requirements noted in the Governor's Office for Local Development letter dated July 9, 2015, from Ms. Lee Nalley.
- B. The design and construction shall be in compliance with the requirements of the U.S. Fish and Wildlife Service as requested by letter dated November 21, 2014, and signed by Virgil Lee Andrews, Jr., Field Supervisor.
- C. The line design and construction shall be accomplished in a way that will leave flood plains and farmland without effect after construction is complete. The Army Corps of Engineers Nationwide Permit No. 12 applies to all floodplain and wetland utility line construction.
- D. Any excavation by Contractor that uncovers a historical or archaeological artifact shall be immediately reported to Owner and a representative of Agency. Construction shall be temporarily halted pending the notification process and further directions issued by Agency after consultation with the State Historic Preservation Officer (SHPO).
- E. The design and construction shall be in compliance with all local, state and federal environmental statutes, regulations and executive orders applicable to the project.
- F. Best Management Practices shall be incorporated into the project design, construction, and maintenance.

23. Final Approval Conditions:

Final approval of this grant will depend on your willingness, with the assistance of all your co-workers, to meet the conditions of this letter in an orderly and systematic manner. Then too, final approval will depend on funds being available.

If you desire to proceed with your application, the Area Director will allot a reasonable portion of time to provide guidance in processing your grant offer.

Sincerely,



THOMAS G. FERN
State Director

cc: Area Director - Morehead, Kentucky
Buffalo Trace ADD - Maysville, Kentucky
Jeff Schumacher - Maysville, Kentucky
HMB Professional Engineers - Frankfort, Kentucky



KENTUCKY INFRASTRUCTURE AUTHORITY

1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601
Phone (502) 573-0260
Fax (502) 573-0157
<http://kia.ky.gov>

Steven L. Beshear
Governor

John E. Covington III
Executive Director

October 2, 2014

John Thomas, Chairman
Western Lewis-Rectorville Water & Gas District
P.O. Box 8044 KY 3161
Maysville KY 41056

2014 OCT 17 PM 11 07
RECEIVED
KENTUCKY INFRASTRUCTURE
AUTHORITY

**KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED DRINKING WATER REVOLVING LOAN FUND
CONDITIONAL COMMITMENT LETTER (F15-005)**

Dear Mr. Thomas:

The Kentucky Infrastructure Authority ("the Authority") commends your efforts to improve public service facilities in your community. On October 2, 2014, the Authority approved your loan for the Water System Improvements Project subject to the conditions stated below. The total cost of the project shall not exceed \$1,280,000 of which the Authority loan shall provide \$1,266,500 of the funding. Other anticipated funding for the project is reflected in the following attachments. The final loan amount will be equal to the Authority's portion of estimated project cost applied to the actual project cost. Attachments incorporated herein by reference fully describe the project.

An Assistance Agreement will be executed between the Authority and the Western Lewis-Rectorville Water & Gas District upon satisfactory performance of the conditions set forth in this letter. A period of twelve months from the date of this letter October 2, 2015, will be allowed for you to meet the conditions set forth in this letter and enter into an Assistance Agreement. A one-time extension of up to six months may be granted for applicants that experience extenuating circumstances. Funds will be available for disbursement only after execution of the Assistance Agreement.

The Assistance Agreement and this commitment shall be subject, but not limited to, the following terms:

1. The Authority project loan shall not exceed \$1,266,500.

John Thomas, Chairman

10/3/2014

Page 2

2. The loan shall contain principal forgiveness in the amount of 30%. Actual amortized loan and forgiveness amounts will be based on actual project costs drawn from the Authority.
3. The loan shall bear interest at the rate of 0.75 percent per annum commencing with the first draw of funds.
4. The loan shall be repaid over a period not to exceed 20 years from the date the loan is closed.
5. Interest shall be payable on the unforgiven amount of actual funds received. The first payment shall be due on June 1 or December 1 immediately succeeding the date of the initial draw of funds, provided that if such June 1 or December 1 shall be less than three months since the date of the initial draw of funds, then the first interest payment date shall be the June 1 or December 1 which is at least six months from the date of the initial draw of funds. Interest payments will be due each six months thereafter until the loan is repaid.
6. Full principal payments will commence on the appropriate June 1 or December 1 within twelve months from initiation of operation. Full payments will be due each six months thereafter until the loan is repaid.
7. A loan servicing fee of 0.25% of the annual outstanding loan balance shall be payable to the Authority as a part of each interest payment.
8. Loan funds will be disbursed after execution of the Assistance Agreement as project costs are incurred.
9. The Authority loan funds must be expended within six months of the official date of initiation of operation.
10. Fund "F" loan funds may be considered to be federal funds. OMB Circular A-133, "Audits of States, Local Governments and Non-Profit Organizations, requires that all recipients and subrecipients **expending \$500,000 or more in a year in federal awards must have a single or program-specific audit conducted for that year** in accordance with the Circular. If the federal amount expended plus all other federal funds expended exceeds the threshold, you are required to arrange for an A-133 audit to be performed by an independent, licensed CPA, or in special cases, the Auditor of Public Accounts of the Commonwealth of Kentucky. Please note that the guidance for single audit requirements will change for

calendar or fiscal years beginning after December 26, 2014. Please consult with your independent auditor as soon as possible to understand how the changes will affect you.

11. The Authority requires an annual financial audit to be performed for the life of the loan.

The following is a list of the standard conditions to be satisfied prior to execution of the Assistance Agreement or incorporated in the Assistance Agreement. Any required documentation must be submitted to the party designated.

1. The Authority to Award (bid) package must be submitted to the Division of Water for approval within 14 days of bid opening.
2. The Assistance Agreement must be executed within six (6) months from bid opening.
3. Documentation of final funding commitments from all parties other than the Authority as reflected in the credit analysis shall be provided prior to preparation of the Assistance Agreement and disbursement of the loan monies. Rejections of any anticipated project funding shall be immediately reported and may cause this loan to be subject to further consideration.
4. The loan must undergo review by the Capital Projects and Bond Oversight Committee of the Kentucky Legislature prior to the state's execution of the Assistance Agreement. The committee meets monthly on the third Tuesday. At this time we know of no further submission required for their review; however, they may request information as needed.
5. Any required adjustment in utility service rates shall be adopted by ordinance, municipal order or resolution by the appropriate governing body of the Borrower. Public hearings as required by law shall be held prior to the adoption of the service rate ordinance, order, or resolution. Any required approvals by the Kentucky Public Service Commission shall be obtained.
6. The Borrower must complete and return to the Authority the attached "Authorization for Electronic Deposit of Vendor Payment" Form.
7. An environmental review shall be conducted by the Division of Water for all construction projects receiving DWSRF funds, within the term of this binding commitment and prior to project bid.

8. Technical plans and specifications and a complete DWSRF specifications checklist shall be approved by the Division of Water prior to project bid.
9. All easements or purchases of land shall be completed prior to commencement of construction. Clear Site Certification of all land or easement acquisitions shall be provided to the Division of Water. DOW representatives shall be notified for attendance of the pre-construction conference.
10. Project changes or additions shall require a complete environmental and change order review before they can be included in the DWSRF loan project.
11. Applicant must provide certification from their legal counsel stating that they have prepared construction specifications in accordance with all applicable state or federal wage rate laws, and that the procurement procedures, including those for construction, land, equipment and professional services that are a part of the project, are in compliance with applicable federal, state and local procurement laws.
12. The Borrower shall comply with all Davis Bacon related monitoring and reporting and require all contractors to pay wages pursuant to applicable prevailing wage rates (federal or state) for all work relating to the subject Project.
13. The project shall comply with the reporting requirements of the Transparency Act, and shall complete the attached Transparency Act Reporting Information Form and provide to the Authority no later than 30 days after the KIA Board approval date of your loan.
14. If the project has a "Green Reserve" component, the Borrower must submit a Business Case, if required.
15. The project shall comply with American Iron and Steel requirements of The Consolidated Appropriations Act of 2014 (H.R. 3547), which became effective January 17, 2014, unless engineering plans and specifications were approved by the Division of Water prior to the effective date.

Any special conditions stated in the Project Review attachment must be resolved.

John Thomas, Chairman
October 2, 2014
Page 5

Please inform the Authority of any changes in your financing plan as soon as possible. We wish you every success for this project which will benefit both your community and the Commonwealth as a whole.

Sincerely,



John Covington, III
Executive Director

Attachments

cc: Laura Jefferson, Buffalo Trace Area Development District
Chris Stewart, HMB Professional Engineers, Inc
Division of Water
Dirk Bedarff, Peck, Shaffer & Williams LLP
State Local Debt Office, DLG
Borrower File - F15-005

Please sign and return a copy of this letter indicating your acceptance of this commitment and its terms. Also attach the completed "Authorization For Electronic Deposit of Vendor Payment" Form.


Accepted

10-13-14
Date



Steven L. Beshear
Governor

KENTUCKY INFRASTRUCTURE AUTHORITY

1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601
Phone (502) 573-0260
Fax (502) 573-0157
<http://kia.ky.gov>

John E. Covington III
Executive Director

August 12, 2015

Western Lewis-Rectorville Water & Gas District
Attn: John Thomas, Chairman
P.O. Box 8044
Maysville, KY 41056

**KENTUCKY INFRASTRUCTURE AUTHORITY
FEDERALLY ASSISTED DRINKING WATER REVOLVING LOAN FUND
CONDITIONAL COMMITMENT LETTER (F15-005)
EXTENSION**

Dear Chairman Thomas:

The Kentucky Infrastructure Authority ("the Authority") has approved an extension of the Drinking Water State Revolving Fund (DWSRF) loan commitment for the Water System Improvements project (F15-005). The Authority has extended the deadline for the Western Lewis-Rectorville Water & Gas District to meet the conditions set forth in the conditional commitment letter for six (6) months. The original expiration date was October 2, 2015. The new expiration date will be April 2, 2016. If the project does not meet the conditions by the new expiration date, no additional extensions will be considered and the commitment may be rescinded.

Please inform the Authority of any changes in your financing plan as soon as possible. We wish you every success for this project which will benefit both your community and the Commonwealth as a whole.

Sincerely,

A handwritten signature in blue ink, appearing to read "John E. Covington, III".

John E. Covington, III
Executive Director

Cc: Borrower File - City of Carrollton - F13-007
Laura Jefferson, BTADD

PRELIMINARY ENGINEERING REPORT

PHASE V WATER SYSTEM IMPROVEMENTS
WESTERN LEWIS-RECTORVILLE WATER DISTRICT
MASON & LEWIS COUNTIES, KENTUCKY

OCTOBER 2014

Prepared By:



3 HMB CIRCLE
FRANKFORT, KENTUCKY
502-695-9800
502-695-9810 FAX
www.hmbpe.com



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Appendix B – Construction Cost Estimate

I INTRODUCTION

This Preliminary Engineering Report examines the proposed water system improvements for the Western Lewis-Rectorville Water District (WLR). These proposed water system improvements will provide water service to twelve existing residencies and will improve service to nine existing customers. This project also proposed to complete four hydraulic loops in the system, which will eliminate dead end lines, improve water quality, eliminate service interruptions and provide redundancy in the system. This project also includes the rehabilitation and repainting of the existing Flat Gap Tank along with other various improvements.

II EXISTING WATER SYSTEM

The Western Lewis-Rectorville Water District provides safe potable water service to approximately 2,250 customers. The system is comprised of approximately 168 miles of waterlines ranging in size from 2" to 10" and consists of five (5) water storage tanks and five (5) pump stations. There is a master meters through which the District purchases water from Maysville Water. The District purchases approximately 850,000 gallons per month.

The distribution system supplies its customers through a series of pressure zones. These zones are controlled by telemetry that opens and closes valves, turns pump stations on and off and activates and shuts off the filling/draining of water storage tanks. In general water is either produced at the existing water treatment plant or purchased from Maysville water and runs in an easterly direction along the AA Highway to the intersection of the AA Highway and Poplar Flat Road, serving the area north to the Ohio River and south to Fleming County.

A map of the existing system is included in *Appendix A*.

III NEED FOR PROJECT

The extension of service to new customers will promote public health by providing safe and reliable drinking water to those households. Western Lewis-Rectorville completed an assessment of the Flat Gap Tank in 2011 that recommended complete rehabilitation and recoating of the entire tank (interior and exterior), as the coatings are extremely deteriorated and corrosion is evident throughout the interior which could lead to decreased water quality. System looping will improve operational flexibility and hydraulics, as well as water quality. The interconnection to Greater Fleming County Regional Water Commission will supplement and improve system hydraulics and redundancy.

IV THE PROPOSED PROJECT

This project will be broken down into two different components. The first part will address the water line upgrades. This project proposes to eliminate some of the dead-end lines in the system by completing hydraulic loops in the system. Proposed 6" and 4" waterline will be installed on Cabin Creek, Crooked Creek and Poplar Flat Roads to complete the hydraulic loops. Additionally, existing water lines on Orangeburg Road Spur and Jefferson Run Road will be replaced with 2" water line and existing pressure reducing valves, located on Cabin Creek Road, will also be replaced. These valves are located inside of manholes and have given the District some problems in the past because they are hard to access when maintenance or repairs are needed and therefore need to be replaced with new, more reliable and easier to access vaults.

The second part of the project proposes modifications to the storage and supply of the system. The existing Flat Gap Tank is in need of rehabilitation and painting inside and out. This is in follow up to an assessment of the Flat Gap Tank in 2011 that recommended complete rehabilitation and recoating on the entire tank (interior and exterior), as the coatings are extremely deteriorated and corrosion is evident throughout the interior of the tank. A proposed connection to the Greater Fleming County Regional Water Commission (GFCRWC) will supplement the current water supply along with adding redundancy to water system and improve system hydraulics. This would include a master meter connection to GFCRWC and a control valve to be controlled by the level of the existing Orangeburg Tank through a proposed SCADA system.

V COST SUMMARY

Engineering, Construction Administration and Inspection	\$ 173,000
PSC	\$ 2,000
Environmental Documentation	\$ 17,000
Legal and Administrative Costs	\$ 32,000
Interest During Construction	\$ 15,000
Land & Rights	\$ 5,000
Contingencies (10%)	\$ 24,400
Construction	<u>\$ 1,246,600</u>
 Total Project Cost	 \$ 1,515,000

VI FUNDING

Proposed funding for this project is being made available by the following:

PROPOSED FUNDING

Tap Fees (12 @ \$1125)	\$13,500
SRF Loan (0.75%, 20 years)	\$886,500
SRF Principal Forgiveness (30%)	\$380,000
ARC Grant	\$235,000
TOTAL PROJECT FUNDING	\$1,515,000

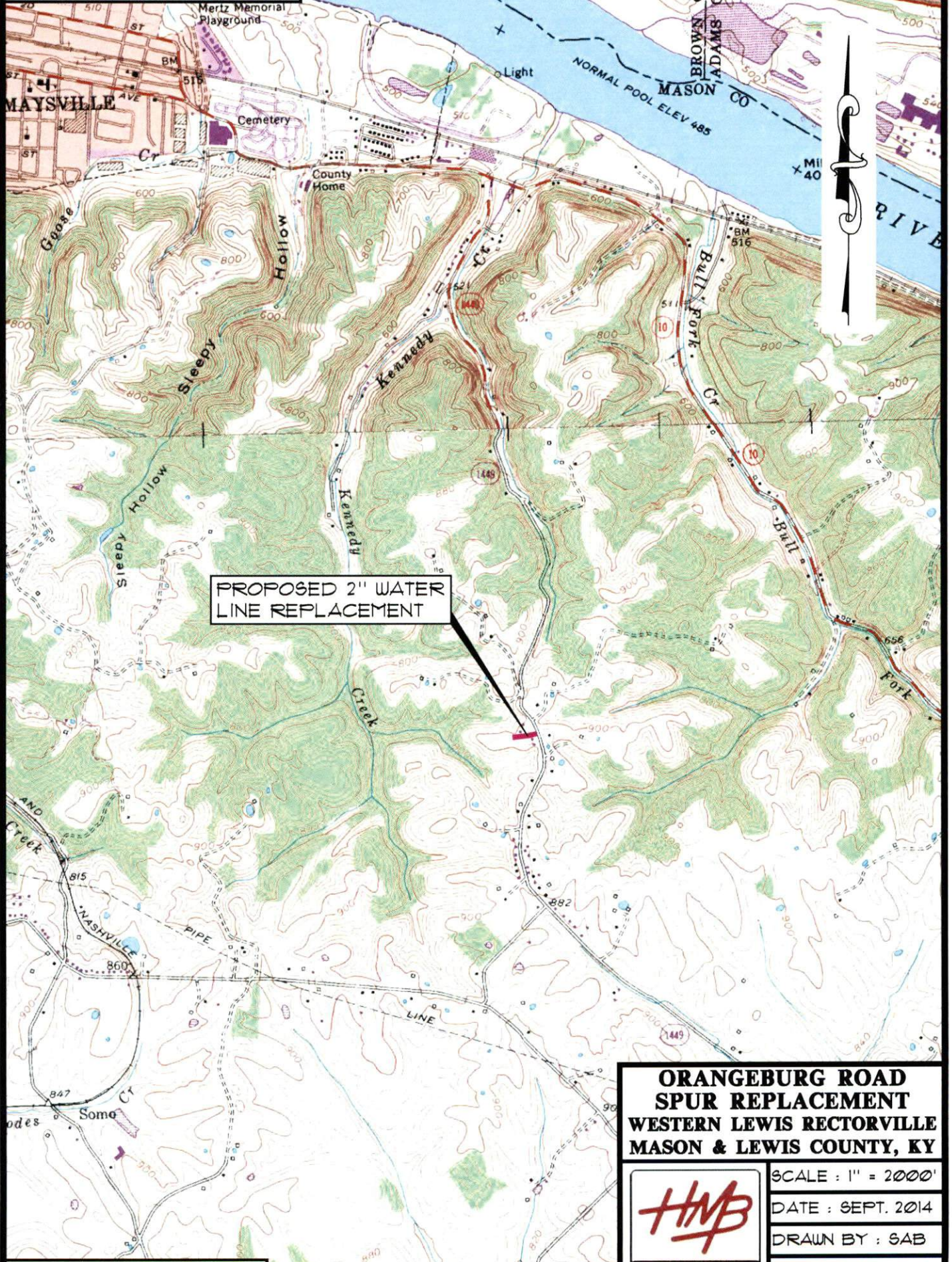
VII RECOMMENDATIONS

It is recommended that \$235,000 of the \$1,515,000 total needed for the project be funded by ARC. The remaining total will be funded by SRF and Tapping Fees.

Appendix A

Project Map

MAYSVILLE EAST, KY USGS



PROPOSED 2" WATER LINE REPLACEMENT

**ORANGEBURG ROAD
SPUR REPLACEMENT
WESTERN LEWIS RECTORVILLE
MASON & LEWIS COUNTY, KY**



SCALE : 1" = 2000'

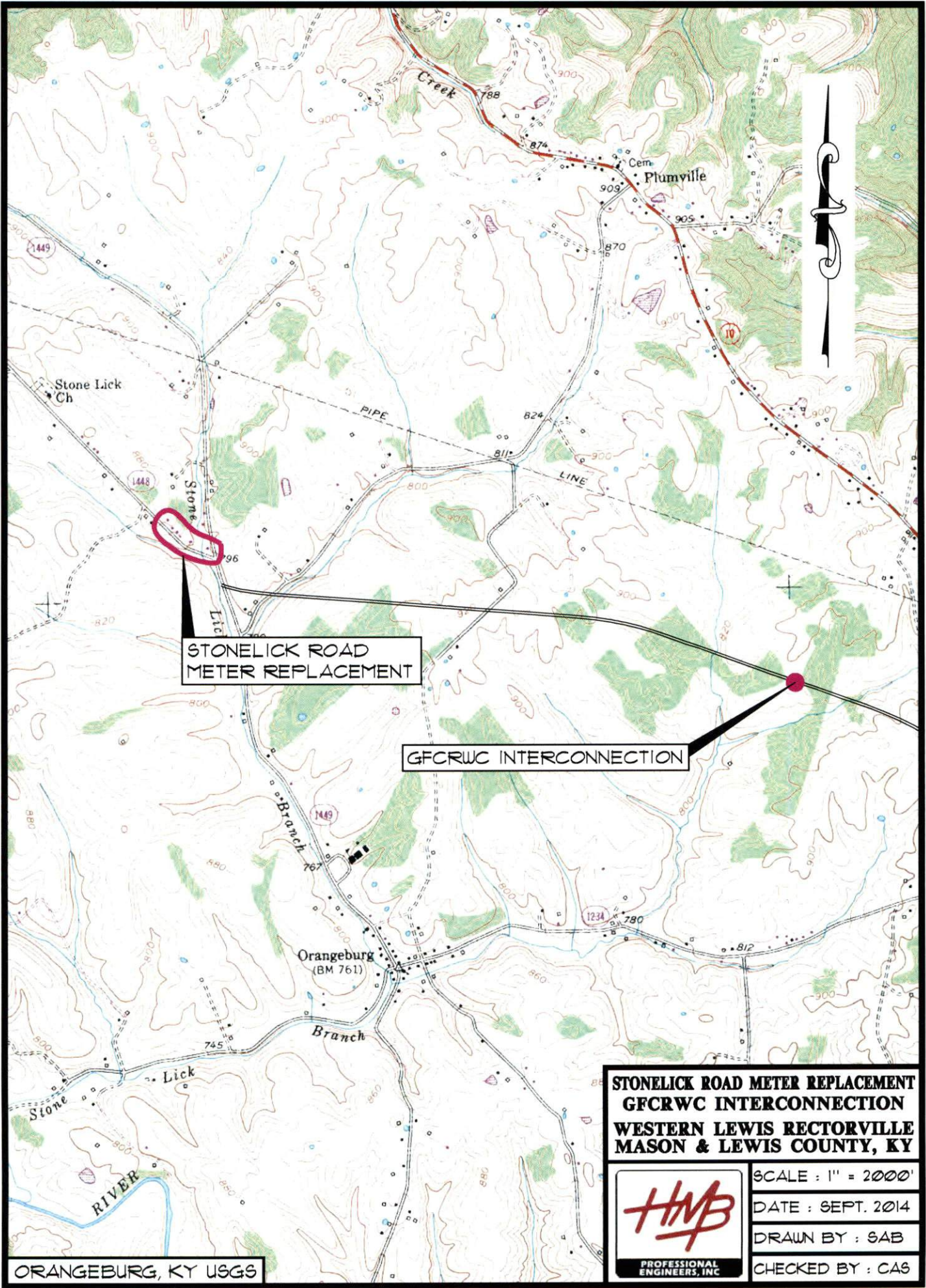
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ORANGEBURG, KY USGS

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STONE LICK ROAD
METER REPLACEMENT

GFCRWC INTERCONNECTION

**STONE LICK ROAD METER REPLACEMENT
GFCRWC INTERCONNECTION
WESTERN LEWIS RECTORVILLE
MASON & LEWIS COUNTY, KY**



SCALE : 1" = 2000'

DATE : SEPT. 2014

DRAWN BY : SAB

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ORANGEBURG, KY USGS

ORANGEBURG, KY USGS

TOLLESBORO, KY USGS



PROPOSED 6" WATER LINE EXTENSION

PROPOSED 6" WATER LINE EXTENSION

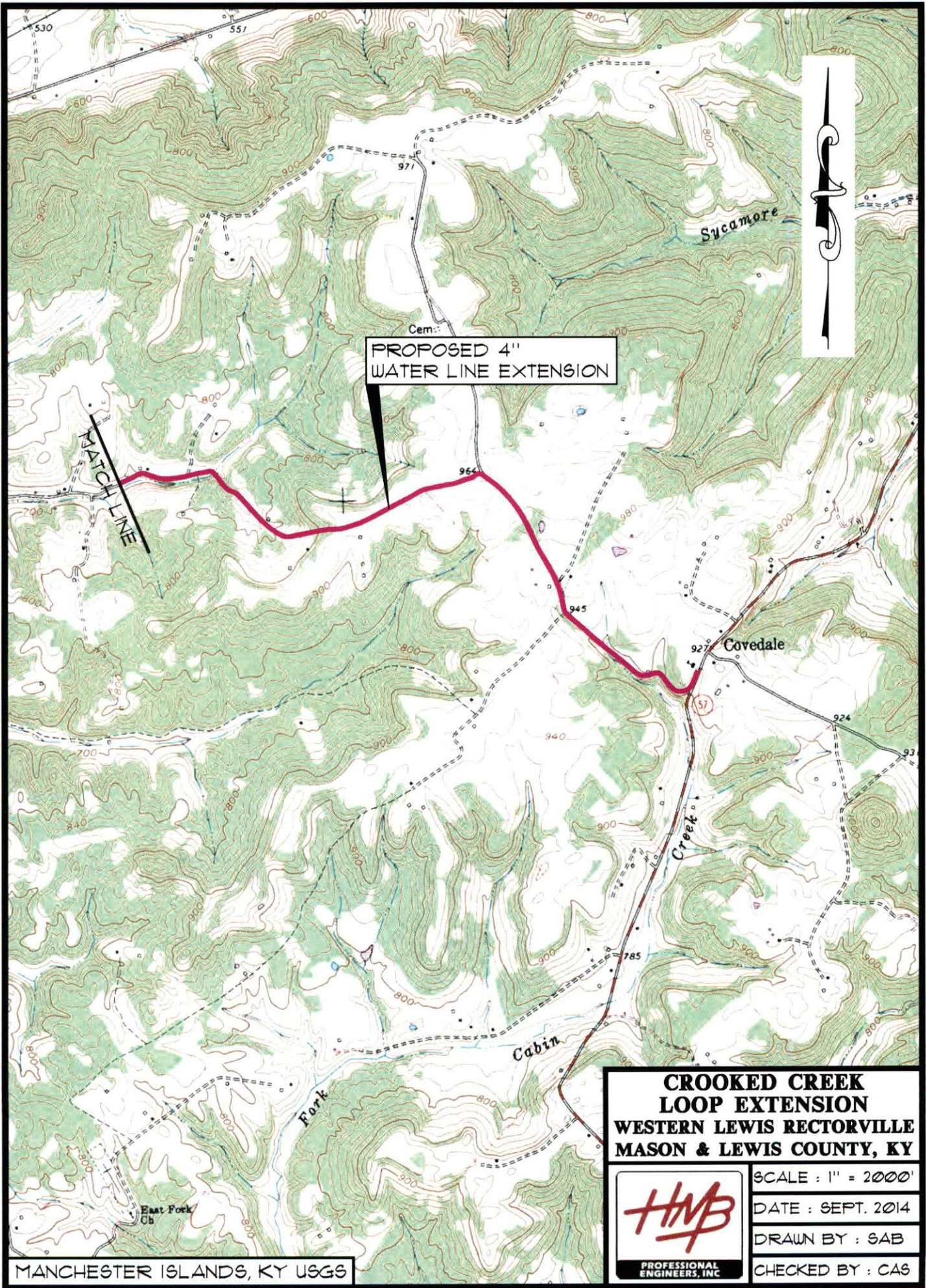
**CABIN CREEK WEST LOOP EXTENSION
CABIN CREEK EAST LOOP EXTENSION
WESTERN LEWIS RECTORVILLE
MASON & LEWIS COUNTY, KY**



SCALE : 1" = 2000'
DATE : SEPT. 2014
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PROPOSED 4"
WATER LINE EXTENSION

WATCH LINE

Sycamore

Cem.:

Covedale

Creek

Cabin

East Fork Ch

**CROOKED CREEK
LOOP EXTENSION
WESTERN LEWIS RECTORVILLE
MASON & LEWIS COUNTY, KY**



SCALE : 1" = 2000'

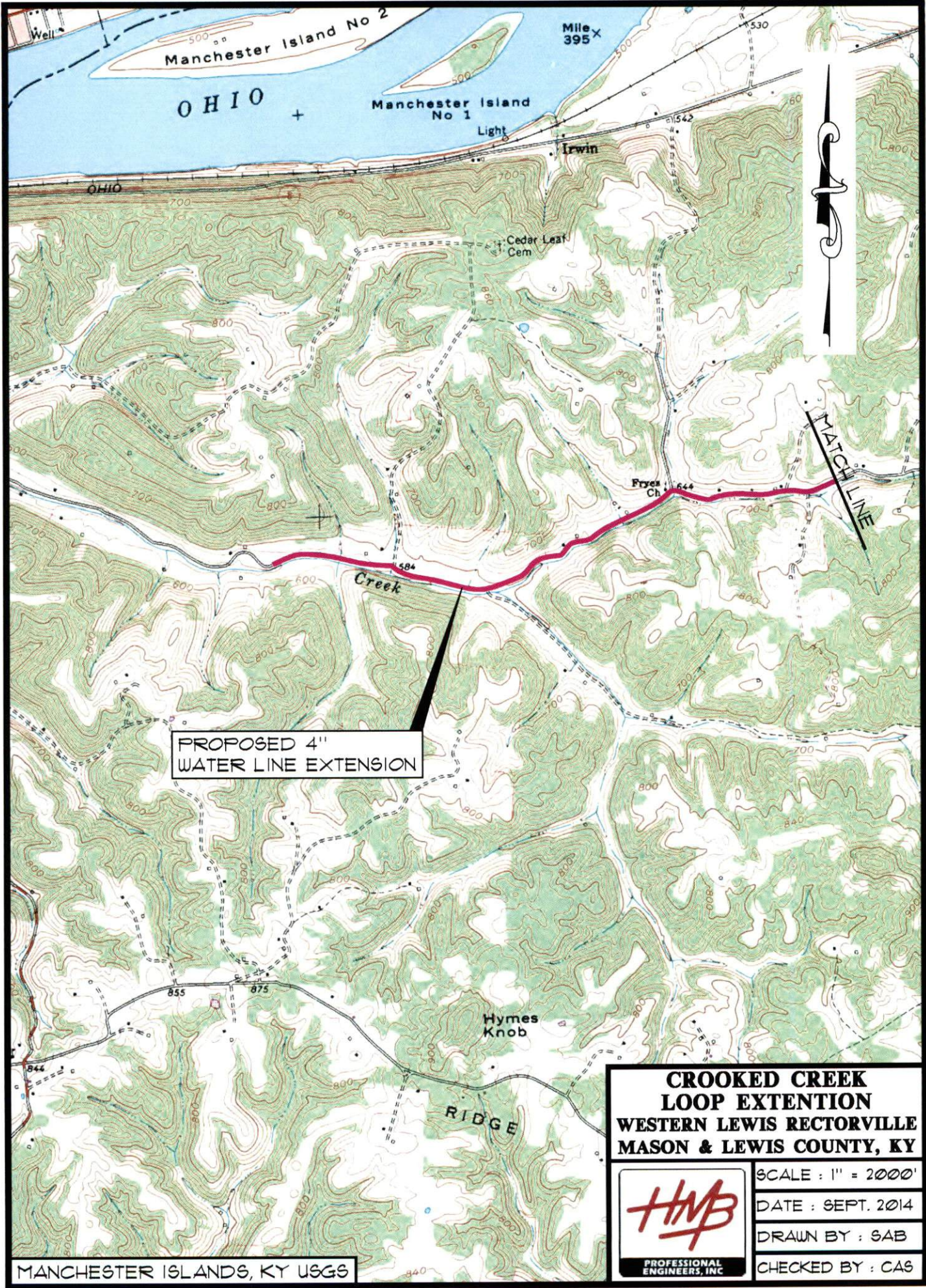
DATE : SEPT. 2014

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MANCHESTER ISLANDS, KY USGS

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PROPOSED 4"
WATER LINE EXTENSION

**CROOKED CREEK
LOOP EXTENTION
WESTERN LEWIS RECTORVILLE
MASON & LEWIS COUNTY, KY**



PROFESSIONAL
ENGINEERS, INC

SCALE : 1" = 2000'

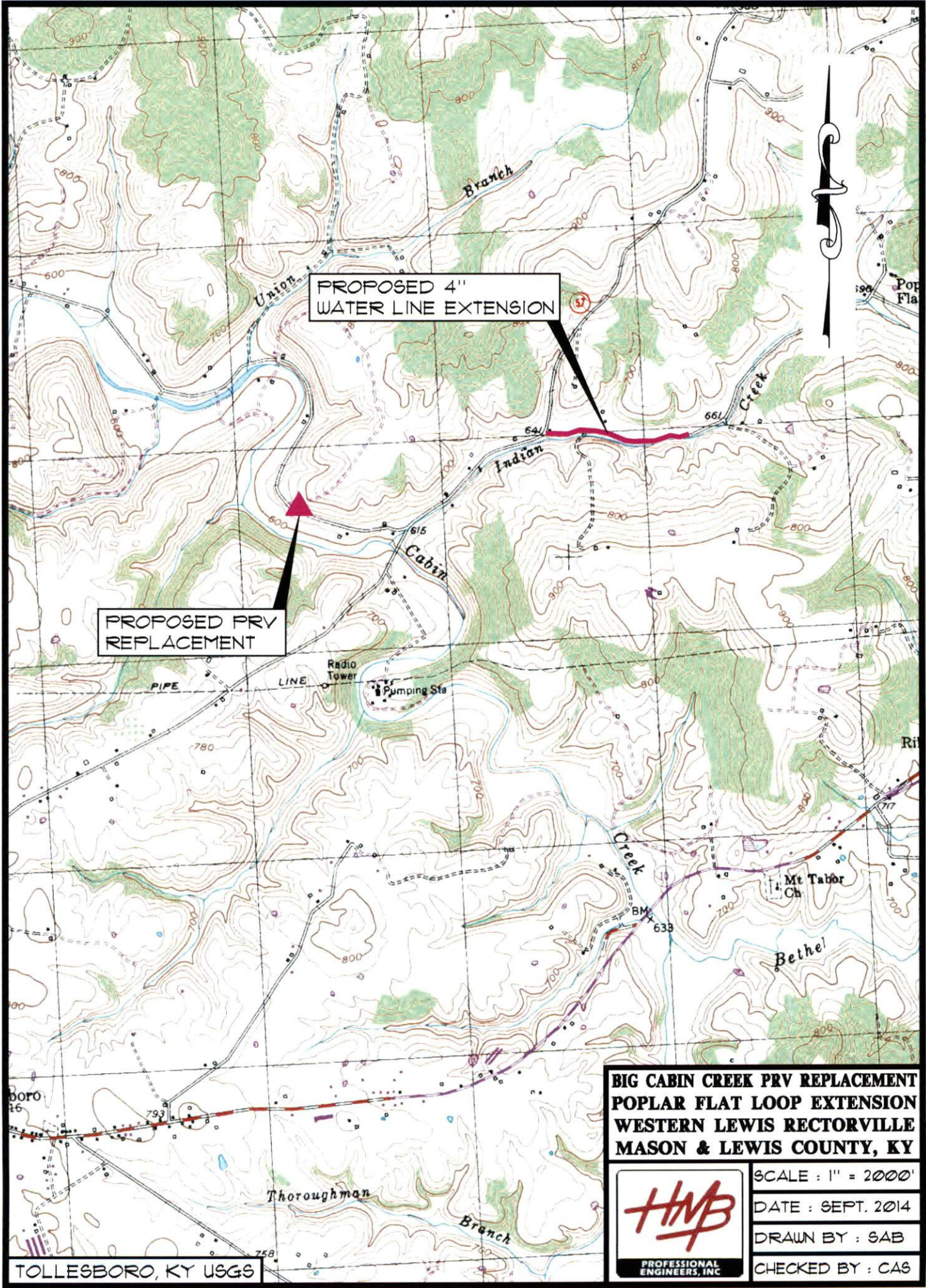
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MANCHESTER ISLANDS, KY USGS

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PROPOSED 4"
WATER LINE EXTENSION

PROPOSED PRV
REPLACEMENT

**BIG CABIN CREEK PRV REPLACEMENT
POPLAR FLAT LOOP EXTENSION
WESTERN LEWIS RECTORVILLE
MASON & LEWIS COUNTY, KY**



SCALE : 1" = 2000'

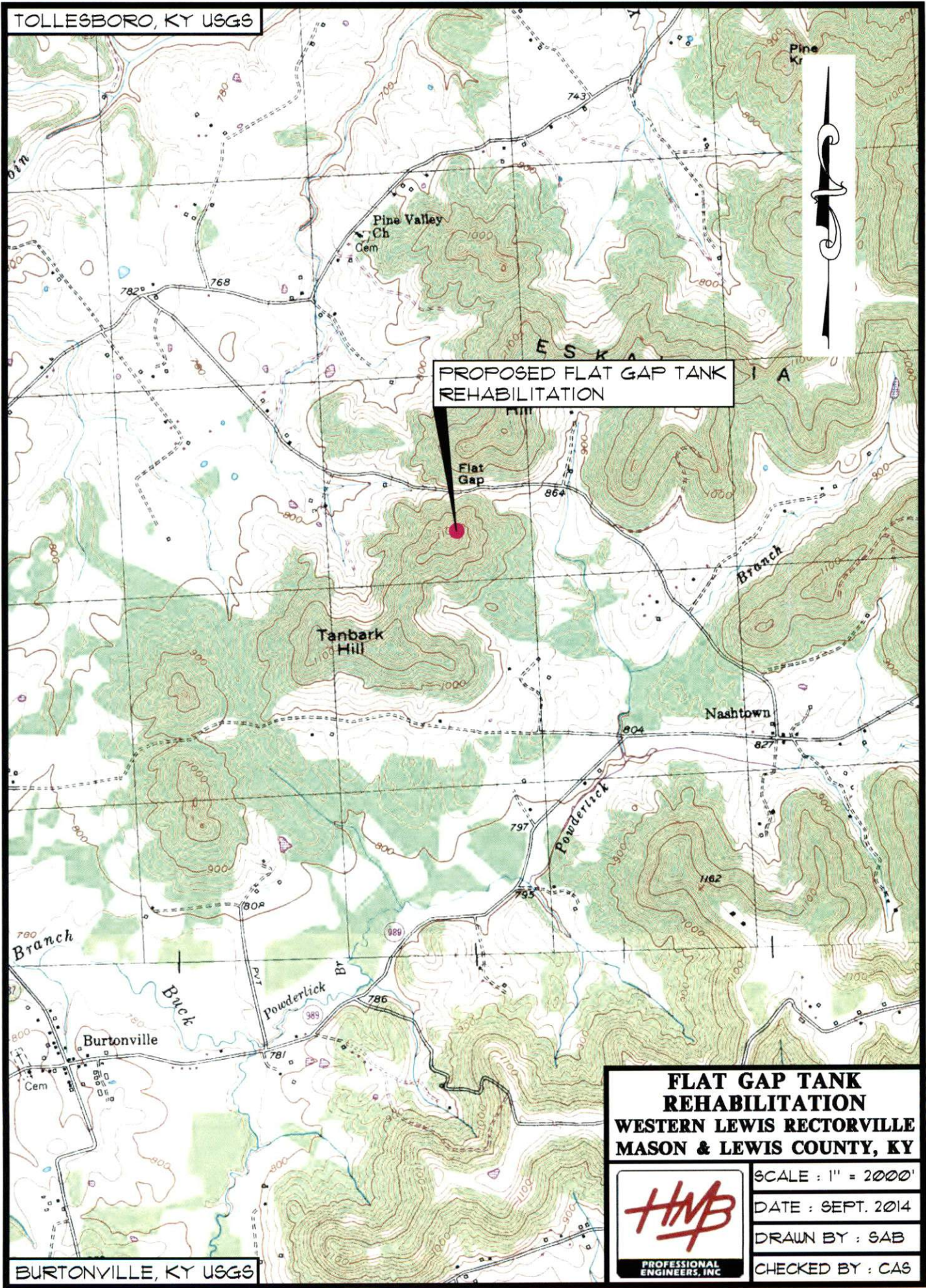
DATE : SEPT. 2014

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TOLLESBORO, KY USGS

TOLLESBORO, KY USGS



PROPOSED FLAT GAP TANK REHABILITATION

Flat Gap

Tanbark Hill

Naashtown

Powderlick

Burtonville

FLAT GAP TANK REHABILITATION
WESTERN LEWIS RECTORVILLE
MASON & LEWIS COUNTY, KY



SCALE : 1" = 2000'

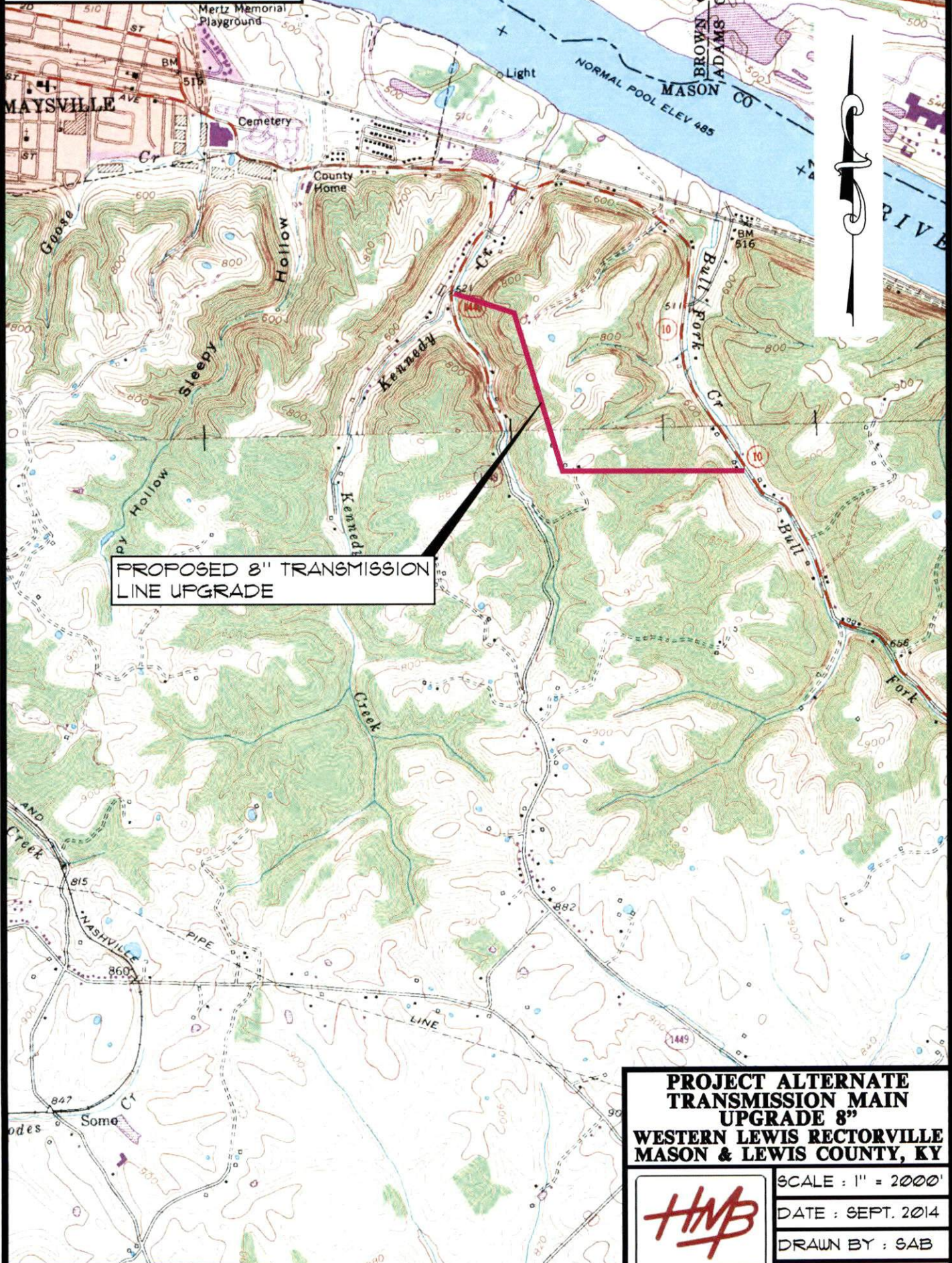
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BURTONVILLE, KY USGS

MAYSVILLE EAST, KY USGS



PROPOSED 8" TRANSMISSION LINE UPGRADE

**PROJECT ALTERNATE
TRANSMISSION MAIN
UPGRADE 8"
WESTERN LEWIS RECTORVILLE
MASON & LEWIS COUNTY, KY**



SCALE : 1" = 2000'

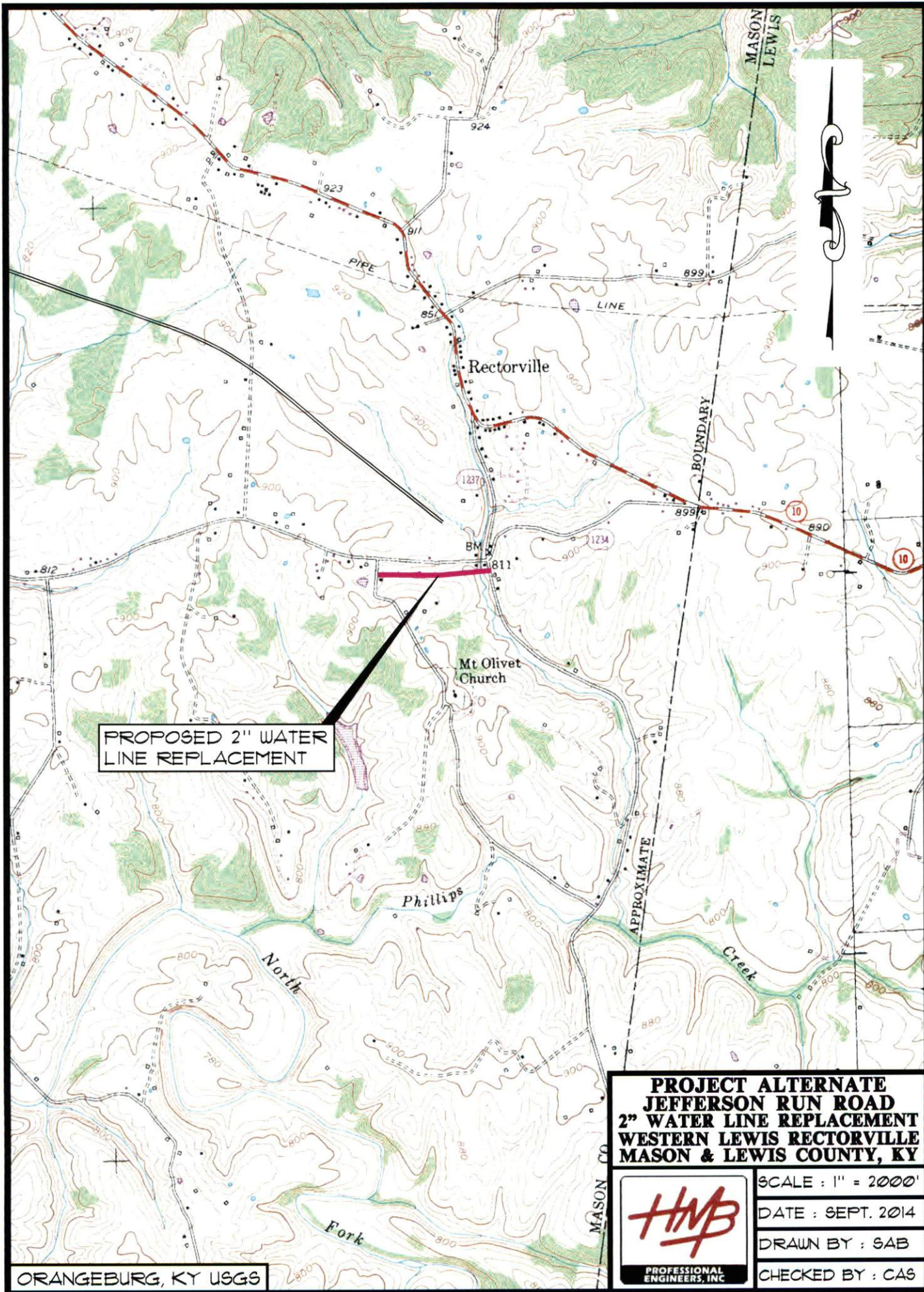
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ORANGEBURG, KY USGS

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PROPOSED 2" WATER LINE REPLACEMENT

**PROJECT ALTERNATE
JEFFERSON RUN ROAD
2" WATER LINE REPLACEMENT
WESTERN LEWIS RECTORVILLE
MASON & LEWIS COUNTY, KY**



SCALE : 1" = 2000'

DATE : SEPT. 2014

DRAWN BY : SAB

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ORANGEBURG, KY USGS

Appendix B

Construction Cost Estimate



Western Lewis-Rectorville Water & Gas District
 Water System Improvements Project
 Opinion of Probable Cost

Project No: _____
 Engineer: CAS
 Date: 8/8/2014

CROOKED CREEK LOOP EXTENSION (Lewis County)

(West End = Trinity PRV Service, HGL=774' - East End = Concord Tank Service, HGL = 1060')

Item No.	Description	Quantity	Units	Unit Cost	Total
1.	4" SDR 17 CL 250 PVC	21,500	LF	\$10	\$215,000
2.	6" x 4" Wet Tap	1	EA	\$2,500	\$2,500
3.	Customer Service (Regulator)	12	EA	\$1,500	\$18,000
4.	Pressure Reducing Valve	1	LS	\$18,000	\$18,000
5.	Automatic Air Release Valve	2	EA	\$1,500	\$3,000
6.	4" Gate Valve	8	EA	\$1,000	\$8,000
7.	Creek Crossing	175	LF	\$100	\$17,500
8.	1" Service Tubing	600	LF	\$8	\$4,800
9.	3/4" Service Tubing	200	LF	\$6	\$1,200
10.	#9 Crushed Stone Bedding	300	Ton	\$20	\$6,000
11.	#57 Crushed Stone	300	LF	\$15	\$4,500
12.	Cleanup & Restoration	21,500	LF	\$1	\$21,500
13.	Videotaping	1	LS	\$2,000	\$2,000
14.	Service Line Creek Crossing	1	LS	\$1,000	\$1,000
SUBTOTAL					\$323,000

ORANGEBURG ROAD SPUR REPLACEMENT (Mason County)

(Orangeburg Tank, HGL = 1040')

Item No.	Description	Quantity	Units	Unit Cost	Total
1.	2" SDR 17 CL 250 PVC	400	LF	\$6	\$2,400
2.	2" Connection	1	EA	\$1,500	\$1,500
3.	Customer Service	3	EA	\$1,500	\$4,500
4.	Customer Service Re-Connection	3	EA	\$500	\$1,500
5.	2" Blowoff	1	EA	\$1,500	\$1,500
6.	1" Service Tubing	20	LF	\$8	\$160
7.	3/4" Service Tubing	20	LF	\$6	\$120
8.	#9 Crushed Stone Bedding	50	Ton	\$20	\$1,000
9.	#57 Crushed Stone	60	LF	\$15	\$900
10.	Cleanup & Restoration	400	LF	\$1	\$400
11.	Videotaping	1	LS	\$500	\$500
SUBTOTAL					\$14,480

STONELICK ROAD METER REPLACEMENTS (Mason County)

(Orangeburg Tank, HGL = 1040')

Item No.	Description	Quantity	Units	Unit Cost	Total
1.	Customer Service	6	EA	\$1,500	\$9,000
2.	Fire Hydrant Assembly	1	EA	\$4,000	\$4,000
3.	1" Service Tubing	600	LF	\$8	\$4,800
4.	#57 Crushed Stone	60	LF	\$15	\$900
5.	Videotaping	1	LS	\$500	\$500
SUBTOTAL					\$19,200



Western Lewis-Rectorville Water & Gas District
Water System Improvements Project
Opinion of Probable Cost

Project No: _____
Engineer: CAS
Date: 8/8/2014

CABIN CREEK WEST LOOP EXTENSION (Mason County)

(West End = Plumville Tank Service, HGL= 986' - East End = Owl Hollow PRV Service, HGL = 819')

<u>Item No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Total</u>
1.	6" SDR 17 CL 250 PVC	2,900	LF	\$12	\$34,800
2.	6" x 6" Wet Tap	1	EA	\$2,500	\$2,500
3.	6" x 4" Wet Tap	1	EA	\$2,250	\$2,250
4.	Pressure Reducing Valve	1	LS	\$18,000	\$18,000
5.	Automatic Air Release Valve	2	EA	\$1,500	\$3,000
6.	8" HDD Creek Crossing	200	LF	\$200	\$40,000
7.	#9 Crushed Stone Bedding	100	Ton	\$20	\$2,000
8.	#57 Crushed Stone	100	LF	\$15	\$1,500
9.	Cleanup & Restoration	2,900	LF	\$1	\$2,900
10.	Videotaping	1	LS	\$750	\$750
SUBTOTAL					\$107,700

CABIN CREEK EAST LOOP EXTENSION (Mason County)

(West End = Owl Hollow PRV Service, HGL= 819' - NorthEast End = Little Cabin Creek PRV Service, HGL = 915'
SouthEast End = Big Cabin Creek PRV Service, HGL = 740')

<u>Item No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Total</u>
1.	6" SDR 17 CL 250 PVC	2,900	LF	\$12	\$34,800
2.	12" Steel Casing by Bore	40	LF	\$150	\$6,000
3.	6" x 6" Tie-In	1	EA	\$2,500	\$2,500
4.	Fire Hydrant Assembly	1	EA	\$3,000	\$3,000
5.	Pressure Reducing Valve	1	LS	\$18,000	\$18,000
6.	Automatic Air Release Valve	2	EA	\$1,500	\$3,000
7.	8" HDD Creek & Road Crossing	400	LF	\$200	\$80,000
8.	#9 Crushed Stone Bedding	100	Ton	\$20	\$2,000
9.	#57 Crushed Stone	100	LF	\$15	\$1,500
10.	Cleanup & Restoration	2,900	LF	\$1	\$2,900
11.	Videotaping	1	LS	\$750	\$750
SUBTOTAL					\$154,450



Western Lewis-Rectorville Water & Gas District
 Water System Improvements Project
 Opinion of Probable Cost

Project No: _____
 Engineer: CAS
 Date: 8/8/2014

POPLAR FLAT LOOP EXTENSION (Lewis County)
 (Tollesboro Tank Service, HGL= 995')

<u>Item No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Total</u>
1.	4" SDR 17 CL 250 PVC	1,750	LF	\$10	\$17,500
3.	6" x 4" Wet Tap	2	EA	\$2,250	\$4,500
4.	8" Steel Casing by Bore	40	LF	\$125	\$5,000
5.	Automatic Air Release Valve	1	EA	\$1,500	\$1,500
6.	#9 Crushed Stone Bedding	100	Ton	\$20	\$2,000
7.	#57 Crushed Stone	100	LF	\$15	\$1,500
8.	Cleanup & Restoration	1,750	LF	\$1	\$1,750
9.	Videotaping	1	LS	\$500	\$500
SUBTOTAL					\$34,250

WATER SYSTEM IMPROVEMENTS

<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Total</u>
1. Flat Gap Tank Painting (Lewis County)	1	LS	\$200,000	\$200,000
2. Plumville Tank Painting (Mason County)	1	LS	\$200,000	\$200,000
3. Replace Big Cabin Creek PRV (Lewis County)	1	LS	\$20,000	\$20,000
4. GFCRWC Interconnection (Mason County)	1	LS	\$25,000	\$25,000
5. GFCRWC Interconnection SCADA (Mason County)	1	LS	\$35,000	\$35,000
SUBTOTAL				\$480,000



Western Lewis-Rectorville Water & Gas District
 Water System Improvements Project
 Opinion of Probable Cost

Project No: _____
 Engineer: CAS
 Date: 8/8/2014

CONSTRUCTION COST SUMMARY

Crooked Creek Loop Extension (Lewis County)		\$323,000
Orangeburg Road Spur Replacement (Mason County)		\$14,480
Stonelick Road Meter Replacement (Mason County)		\$19,200
Cabin Creek West Loop (Mason County)		\$107,700
Cabin Creek East Loop (Mason County)		\$154,450
Poplar Flat Loop (Lewis County)		\$34,250
Flat Gap Tank Painting (Lewis County)		\$200,000
Plumville Tank Painting (Mason County)		\$200,000
Replace Big Cabin Creek PRV (Lewis County)		\$20,000
GFCRWC Interconnection & SCADA (Mason County)		\$60,000
	SUBTOTAL	\$1,133,080
Construction Contingencies (10%)		\$113,308
	TOTAL CONSTRUCTION	\$1,246,388
	USE	\$1,250,000

PROJECT COST SUMMARY

Legal		\$12,000
Funding Admin		\$20,000
Engineering - Preliminary		\$12,000
Engineering - Design		\$69,000
Engineering - Advertising & Bidding		\$10,000
Engineering - Construction Admin		\$20,000
Engineering - Construction Observation		\$62,000
PSC		\$2,000
Cultural Resources		\$8,500
Biological/Botanical Survey		\$8,500
Interest During Construction		\$15,000
Land & Rights		\$5,000
Project Contingencies (10%)		\$24,400
	SUBTOTAL	\$268,400
	TOTAL PROJECT	\$1,514,788
	USE	\$1,515,000



Western Lewis-Rectorville Water & Gas District
Water System Improvements Project
Opinion of Probable Cost

Project No: _____
Engineer: CAS
Date: 8/8/2014

PROJECT FUNDING

Tap Fees (12 @ \$1125)	\$13,500
SRF Loan (0.75%, 20 years)	\$886,500
SRF Principal Forgiveness (30%)	\$380,000
ARC Grant	<u>\$235,000</u>
	<u>\$1,515,000</u>

PROJECT DEBT SERVICE

SRF Loan:	\$1,266,500	
Assume Poverty Interest Rate, 0.75% for 20 years + 10% Coverage		
Annual Debt Payments =	\$75,200	
Less 30% Principal Forgiveness =	<u>(\$22,560)</u>	
	\$52,640	
Total Annual Debt Payments =	\$52,640	
Rate Impact (2,350 Customers) =	\$1.87	Per Month



3 HMB Circle
 U.S. 460
 Frankfort, KY 40601
 Office: (502) 695-9800
 Fax: (502) 695-9810

February 10, 2016

Mr. Elwood Howe
 Rural Development
 220 West First Street
 Morehead, KY 40351

RE: Final Engineering Report
 Western Lewis Rectorville Water & Gas District
 Phase V - Water System Improvements
 HMB Project No. 4220.00

Dear Mr. Howe:

As you are aware, construction bids for the above referenced project were received and opened on January 19, 2016. A copy of the Bid Tabulation is attached for your reference.

The lowest responsive, responsible Base Bids are:
 Contract I Distribution System Improvements – Tilton Excavating - \$248,707.50
 Contract II AMR System – Tilton Excavating - \$546,072.00
 Contract III Flat Gap Tank Rehabilitation – Currens Construction Services - \$101,750.00
Total As-Bid Development Cost = \$896,529.50

Since the total as-bid development cost falls well within the available financing, the District voted at their regular Board meeting on February 9, 2016 to award the following Alternate Bids:

<u>Contract I</u>		
Alternate No. 1 – Stone Lick Road Meter Replacement		\$16,200.00
Alternate No. 2 – Cabin Creek West Loop Extension		\$61,825.00
Alternate No. 3 – Poplar Flat Loop Extension		\$34,550.00
Alternate No. 4 – Jefferson Run Road Water Line Replacement		\$10,650.00
Alternate No. 5 – Lundergan Farm Water Line Replacement		\$90,100.00
Alternate No. 6 – Big Cabin Creek PRV Replacement		\$9,000.00
Alternate No. 7 – Little Cabin Creek PRV Replacement		<u>\$9,000.00</u>
	Total	\$231,325.00

<u>Contract II</u>		
Alternate No. 1		<u>\$222,000.00</u>
	Total	\$222,000.00

Based upon the above, following is an updated summary of the project budget:

<u>Item:</u>	<u>9/22/15 LOC Amount:</u>	<u>Revised Amount:</u>
Admin & Miscellaneous	\$ 17,000	\$ 25,000
Development	\$1,420,000	\$1,349,860
Land & Rights	\$ 5,000	\$ 450
Legal	\$ 6,000	\$ 6,000

- Highway Engineering
- Structural Engineering
- Water & Wastewater
- Site Development
- Master Planning
- Environmental Planning
- Surveying
- Project Management
- Cost Estimation
- Construction Inspection
- Aviation Services
- Environmental Remediation
- Landscape Architecture



Engineering	\$ 210,500	\$ 184,661
Engineering (Amend. 1)*	\$ 0	\$ 14,000
Contingencies	\$ 122,600	\$ 201,129
TOTAL	\$1,781,100	\$1,781,100

***Amendment No. 1 Attached**

A summary of Project funding is as shown below:

<u>Funding Sources:</u>	<u>Amount:</u>
ARC Grant	\$ 500,000
SRF Grant (forgivable principal)	\$ 380,000
SRF 0.75% - 20 year loan	\$ 886,500
Connection & Tap Fees Contribution	\$ 14,600
TOTAL	\$1,781,100

Should you have any questions regarding this, or if additional information is required, please do not hesitate to contact me at 502-695-9800 or bbaxter@hmbpe.com. Thank you.

Sincerely,
HMB Professional Engineers, Inc.

Brandon G. Baxter, PE
Project Manager



cc: Mr. Chad Clark – WLR
Mr. Elwood Howe – RD, Morehead
Ms. Laura Jefferson - BTADD
Mr. Kerry Odle, PE - HMB
File



Western Lewis Rectorville Water & Gas District
 Phase V - Water System Improvements
 Contract I - Distribution System Improvements
 Bid Date: January 19, 2016 at 1 PM Local Time

Water/Wastewater
 Transportation
 Engineers
 Environmental Planners

Project: 4220.00
 Date: 1/20/2016
 Engineer: BGB
 Page: 1 of 5

BASE BID - DISTRIBUTION SYSTEM IMPROVEMENTS				Tilton Excavating LLC		Packs' Inc.		Floyd Excavating LLC		United Pipeline, Inc.					
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	6" PVC Class 250 Pipe, SDR-17, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	2,350	LF	\$6.75	\$15,862.50	\$9.55	\$22,442.50	\$10.50	\$24,675.00	\$13.00	\$30,550.00	\$0.00	\$0.00	\$0.00	\$0.00
2	4" PVC Class 250 Pipe, SDR-17, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	22,000	LF	\$4.50	\$99,000.00	\$7.20	\$158,400.00	\$10.50	\$231,000.00	\$11.00	\$242,000.00	\$0.00	\$0.00	\$0.00	\$0.00
3	2" PVC Class 250 Pipe, SDR-17, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	2700	LF	\$4.00	\$10,800.00	\$5.10	\$13,770.00	\$6.00	\$16,200.00	\$9.00	\$24,300.00	\$0.00	\$0.00	\$0.00	\$0.00
4	12" Steel Casing Pipe, Furnishing and Installing Under State and County Maintenance Roads, Including Unclassified Boring and/or Jacking (Water Pipe Not Included)	40	LF	\$90.00	\$3,600.00	\$115.00	\$4,600.00	\$145.00	\$5,800.00	\$150.00	\$6,000.00	\$0.00	\$0.00	\$0.00	\$0.00
5	8" Steel Casing Pipe, Furnishing and Installing Under State and County Maintenance Roads, Including Unclassified Boring and/or Jacking (Water Pipe Not Included)	40	LF	\$90.00	\$3,600.00	\$78.00	\$3,120.00	\$111.00	\$4,440.00	\$130.00	\$5,200.00	\$0.00	\$0.00	\$0.00	\$0.00
6	4" Steel Casing Pipe, Furnishing and Installing Under State and County Maintenance Roads, Including Unclassified Boring and/or Jacking (Water Pipe Not Included)	100	LF	\$70.00	\$7,000.00	\$46.00	\$4,600.00	\$80.00	\$8,000.00	\$100.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00
7	2" Free Bore Installed under non-gravel driveways (No Casing Pipe, Water Line Not Included)	30	LF	\$10.00	\$300.00	\$32.00	\$960.00	\$50.00	\$1,500.00	\$50.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00
8	8" Steel Casing Pipe, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation, Water Pipe Not Included)	25	LF	\$35.00	\$875.00	\$31.00	\$775.00	\$61.00	\$1,525.00	\$90.00	\$2,250.00	\$0.00	\$0.00	\$0.00	\$0.00
9	4" Creek Crossing, Type A, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation, Water Pipe Not Included)	40	LF	\$25.00	\$1,000.00	\$33.00	\$1,320.00	\$50.00	\$2,000.00	\$47.00	\$1,880.00	\$0.00	\$0.00	\$0.00	\$0.00
10	4" Creek Crossing, Type B, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation, Water Pipe Not Included)	100	LF	\$50.00	\$5,000.00	\$64.00	\$6,400.00	\$60.00	\$6,000.00	\$140.00	\$14,000.00	\$0.00	\$0.00	\$0.00	\$0.00
11	12" HDPE Creek Crossing w/ 8" Carrier Pipe No.1, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$25,000.00	\$25,000.00	\$35,645.00	\$35,645.00	\$67,000.00	\$67,000.00	\$60,000.00	\$60,000.00	\$0.00	\$0.00	\$0.00	\$0.00
12	6" CI AWWA NRS Gate Valve and Box Conc. Pad, Complete in Place	2	EA	\$750.00	\$1,500.00	\$897.00	\$1,794.00	\$1,900.00	\$3,800.00	\$1,200.00	\$2,400.00	\$0.00	\$0.00	\$0.00	\$0.00
13	6" CI AWWA NRS Gate Valve and Box with Taps, Conc. Pad, Complete in Place	1	EA	\$1,000.00	\$1,000.00	\$1,344.00	\$1,344.00	\$2,643.00	\$2,643.00	\$1,800.00	\$1,800.00	\$0.00	\$0.00	\$0.00	\$0.00
14	4" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	5	EA	\$675.00	\$3,375.00	\$748.00	\$3,740.00	\$962.00	\$4,810.00	\$1,000.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00
15	4" CI AWWA NRS Gate Valve and Box with Taps, Conc. Pad, Complete in Place	1	EA	\$900.00	\$900.00	\$1,191.00	\$1,191.00	\$2,200.00	\$2,200.00	\$1,600.00	\$1,600.00	\$0.00	\$0.00	\$0.00	\$0.00
16	2" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	3	EA	\$475.00	\$1,425.00	\$559.00	\$1,677.00	\$1,531.00	\$4,593.00	\$900.00	\$2,700.00	\$0.00	\$0.00	\$0.00	\$0.00
17	6" Water Main Connection Complete in Place, Including Required Fittings and Appurtenances (Valves Not Included)	1	EA	\$1,200.00	\$1,200.00	\$1,082.00	\$1,082.00	\$1,850.00	\$1,850.00	\$1,400.00	\$1,400.00	\$0.00	\$0.00	\$0.00	\$0.00
18	4" Water Main Connection Complete in Place, Including Required Fittings and Appurtenances (Valves Not Included)	3	EA	\$1,200.00	\$3,600.00	\$748.00	\$2,244.00	\$1,511.00	\$4,533.00	\$1,200.00	\$3,600.00	\$0.00	\$0.00	\$0.00	\$0.00
19	2" Water Main Connection Complete in Place, Including Required Fittings and Appurtenances (Valves Not Included)	1	EA	\$650.00	\$650.00	\$454.00	\$454.00	\$1,106.00	\$1,106.00	\$1,200.00	\$1,200.00	\$0.00	\$0.00	\$0.00	\$0.00
20	Fire Hydrant Assembly, Complete in Place, Including Required Valve, Fittings and Appurtenances	1	EA	\$2,000.00	\$2,000.00	\$2,186.00	\$2,186.00	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00	\$0.00	\$0.00	\$0.00	\$0.00
21	Flush Hydrant Assembly, Complete in Place, Including Required Fittings and Appurtenances	2	EA	\$1,200.00	\$2,400.00	\$1,770.00	\$3,540.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00	\$0.00	\$0.00	\$0.00	\$0.00



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BASE BID - DISTRIBUTION SYSTEM IMPROVEMENTS (cont.)				Tilton Excavating		Packs' Inc.		Floyd Excavating LLC		United Pipeline, Inc.					
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
22	Remove and Reinstall Existing Fire Hydrant, Complete in Place	1	EA	\$2,000.00	\$2,000.00	\$2,429.00	\$2,429.00	\$2,650.00	\$2,650.00	\$5,000.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00
23	2" Blowoff Assembly, Complete in Place, Including Required Fittings and Appurtenances	3	EA	\$800.00	\$2,400.00	\$925.00	\$2,775.00	\$1,566.00	\$4,698.00	\$1,600.00	\$4,800.00	\$0.00	\$0.00	\$0.00	\$0.00
24	Pre-Fabricated Customer Service, Complete in Place. All Water Line Diameters and Materials, Including 25' Max. PE Service Tubing	16	EA	\$820.00	\$13,120.00	\$731.00	\$11,696.00	\$1,500.00	\$24,000.00	\$850.00	\$13,600.00	\$0.00	\$0.00	\$0.00	\$0.00
25	No. 10 Solid Copper Tracer Wire with Plastic Insulation and Sealed Splices to be Taped to the Top of all Water Mains, Marking Tape also Included	27,050	LF	\$0.00	\$0.00	\$0.34	\$9,197.00	\$0.20	\$5,410.00	\$0.40	\$10,820.00	\$0.00	\$0.00	\$0.00	\$0.00
26	Additional 1" PE Service Tubing, Complete in Place, Including Required Fittings and Appurtenances	20	LF	\$5.00	\$100.00	\$6.35	\$127.00	\$50.00	\$1,000.00	\$9.00	\$180.00	\$0.00	\$0.00	\$0.00	\$0.00
27	Additional 3/4" PE Service Tubing, Complete in Place, Including Required Fittings and Appurtenances	360	LF	\$5.00	\$1,800.00	\$6.15	\$2,214.00	\$4.00	\$1,440.00	\$8.00	\$2,880.00	\$0.00	\$0.00	\$0.00	\$0.00
28	2" PVC Casing Pipe, Furnishing and Installing Under State and County Maintenance Roads, Including Unclassified Boring and/or Jacking (Service Tubing Not Included)	80	LF	\$20.00	\$1,600.00	\$32.00	\$2,560.00	\$55.00	\$4,400.00	\$13.00	\$1,040.00	\$0.00	\$0.00	\$0.00	\$0.00
29	#57 Crushed Stone on Trench Surface, Full Depth on Driveways and Roadway Crossings	290	LF	\$5.00	\$1,450.00	\$9.65	\$2,798.50	\$10.00	\$2,900.00	\$25.00	\$7,250.00	\$0.00	\$0.00	\$0.00	\$0.00
30	#9 Crushed Stone on Trench Surface, full Depth on Driveways and Roadway Crossings	200	TON	\$5.00	\$1,000.00	\$28.00	\$5,600.00	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00
31	Cleanup and Restoration	27,050	LF	\$1.00	\$27,050.00	\$1.00	\$27,050.00	\$1.00	\$27,050.00	\$1.00	\$27,050.00	\$0.00	\$0.00	\$0.00	\$0.00
32	Video Tape Project Area	1	LS	\$100.00	\$100.00	\$794.00	\$794.00	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00
33	Pressure Reducing Valve Including but not Limited to Valves, Piping, Fittings, Vault as Shown on the Plans and Specifications	1	LS	\$8,000.00	\$8,000.00	\$15,091.00	\$15,091.00	\$9,300.00	\$9,300.00	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$0.00	\$0.00
BASE BID TOTAL (BASIS FOR AWARD):				\$248,707.50		\$353,616.00		\$493,023.00		\$518,500.00		\$0.00		\$0.00	



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ALTERNATE No. 1 - STONELICK ROAD METER REPLACEMENT				Tilton Excavating LLC		Packs' Inc.		Floyd Excavating LLC		United Pipeline, Inc.					
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1a	Pre-Fabricated Customer Service, Complete in Place. All Water Line Diameters and Materials, Including 25' Max. PE Service Tubing	6	EA	\$800.00	\$4,800.00	\$731.00	\$4,386.00	\$852.00	\$5,112.00	\$850.00	\$5,100.00	\$0.00	\$0.00	\$0.00	\$0.00
2a	Fire Hydrant Assembly, Complete in Place, Including Required Valve, Fittings and Appurtenances	1	EA	\$2,000.00	\$2,000.00	\$2,186.00	\$2,186.00	\$2,400.00	\$2,400.00	\$3,500.00	\$3,500.00	\$0.00	\$0.00	\$0.00	\$0.00
3a	Additional 3/4" PE Service Tubing, Complete in Place, Including Required Fittings and Appurtenances	800	LF	\$5.00	\$4,000.00	\$6.15	\$4,920.00	\$5.00	\$4,000.00	\$8.00	\$6,400.00	\$0.00	\$0.00	\$0.00	\$0.00
4a	2" PVC Casing Pipe, Furnishing and installing Under State and County Maintenance Roads, Including Unclassified Boring and/or Jacking (Service Tubing Not Included)	120	LF	\$15.00	\$1,800.00	\$32.00	\$3,840.00	\$55.00	\$6,600.00	\$13.00	\$1,560.00	\$0.00	\$0.00	\$0.00	\$0.00
5a	#57 Crushed Stone on Trench Surface, Full Depth on Driveways and Roadway Crossings	60	LF	\$5.00	\$300.00	\$9.65	\$579.00	\$10.00	\$600.00	\$25.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00
6a	Cleanup and Restoration	800	LF	\$1.00	\$800.00	\$1.00	\$800.00	\$1.00	\$800.00	\$1.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00
7a	8" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	1	EA	\$2,500.00	\$2,500.00	\$1,325.00	\$1,325.00	\$2,650.00	\$2,650.00	\$1,800.00	\$1,800.00	\$0.00	\$0.00	\$0.00	\$0.00
ALTERNATE No. 1 BID TOTAL:					\$16,200.00		\$18,036.00		\$22,162.00		\$20,660.00		\$0.00		\$0.00

ALTERNATE No. 2 - CABIN CREEK WEST LOOP EXTENSION				Tilton Excavating LLC		Packs' Inc.		Floyd Excavating LLC		United Pipeline, Inc.					
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1b	6" PVC, Class 350 Pipe, SDR-17 Water Main, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	2,750	LF	\$8.10	\$22,275.00	\$9.55	\$26,262.50	\$10.50	\$28,875.00	\$24.00	\$66,000.00	\$0.00	\$0.00	\$0.00	\$0.00
2b	12" HDPE Creek Crossing/ 8" Carrier Pipe No.2, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$30,000.00	\$30,000.00	\$35,645.00	\$35,645.00	\$21,331.80	\$21,331.80	\$46,600.00	\$46,600.00	\$0.00	\$0.00	\$0.00	\$0.00
3b	6" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	1	EA	\$750.00	\$750.00	\$897.00	\$897.00	\$1,472.11	\$1,472.11	\$1,300.00	\$1,300.00	\$0.00	\$0.00	\$0.00	\$0.00
4b	6" CI AWWA NRS Gate Valve and Box with Taps, Conc. Pad, Complete in Place	1	EA	\$1,000.00	\$1,000.00	\$1,344.00	\$1,344.00	\$2,993.56	\$2,993.56	\$2,000.00	\$2,000.00	\$0.00	\$0.00	\$0.00	\$0.00
5b	6" Water Main Wet Tap Complete in Place, Including Required Fittings and Appurtenances (Tapping Valve Included)	1	EA	\$2,000.00	\$2,000.00	\$2,702.00	\$2,702.00	\$2,965.71	\$2,965.71	\$2,100.00	\$2,100.00	\$0.00	\$0.00	\$0.00	\$0.00
6b	4" Water Main Connection Complete in Place, Including Required Fittings and Appurtenances (Valves Not Included)	1	EA	\$1,200.00	\$1,200.00	\$748.00	\$748.00	\$1,150.00	\$1,150.00	\$2,300.00	\$2,300.00	\$0.00	\$0.00	\$0.00	\$0.00
7b	Pre-Fabricated Customer Service, Complete in Place. All Water Line Diameters and Materials, Including 25' Max. PE Service Tubing	1	EA	\$850.00	\$850.00	\$731.00	\$731.00	\$1,000.00	\$1,000.00	\$960.00	\$960.00	\$0.00	\$0.00	\$0.00	\$0.00
8b	Additional 3/4" PE Service Tubing, Complete in Place, Including Required Fittings and Appurtenances	80	LF	\$5.00	\$400.00	\$6.15	\$492.00	\$4.00	\$320.00	\$15.00	\$1,200.00	\$0.00	\$0.00	\$0.00	\$0.00
9b	2" PVC Casing Pipe, Furnishing and Installing Under State and County Maintenance Roads, Including Unclassified Boring and/or Jacking (Service Tubing Not Included)	30	LF	\$20.00	\$600.00	\$32.00	\$960.00	\$55.00	\$1,650.00	\$15.00	\$450.00	\$0.00	\$0.00	\$0.00	\$0.00
10b	No. 10 Solid Copper Tracer Wire with Plastic Insulation and Sealed Splices to be Taped to the Top of all Water Mains, Marking Tape also Included	2,750	LF	\$0.00	\$0.00	\$0.34	\$935.00	\$0.20	\$550.00	\$0.40	\$1,100.00	\$0.00	\$0.00	\$0.00	\$0.00
11b	Cleanup and Restoration	2,750	LF	\$1.00	\$2,750.00	\$1.00	\$2,750.00	\$1.00	\$2,750.00	\$1.00	\$2,750.00	\$0.00	\$0.00	\$0.00	\$0.00
ALTERNATE No. 2 BID TOTAL:					\$61,825.00		\$73,466.50		\$65,058.18		\$126,760.00		\$0.00		\$0.00



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ALTERNATE No. 3 - POPLAR FLAT LOOP EXTENSION				Tilton Excavating LLC		Packs' Inc.		Floyd Excavating LLC		United Pipeline, Inc.					
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1c	4" PVC, Class 350 Pipe, SDR-17 Water Main, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	3,500	LF	\$5.75	\$20,125.00	\$7.20	\$25,200.00	\$10.50	\$36,750.00	\$22.00	\$77,000.00	\$0.00	\$0.00	\$0.00	\$0.00
2c	8" Steel Casing Pipe, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation, Water Pipe Not Included)	40	LF	\$90.00	\$3,600.00	\$31.00	\$1,240.00	\$61.00	\$2,440.00	\$155.00	\$6,200.00	\$0.00	\$0.00	\$0.00	\$0.00
3c	4" Creek Crossing, Type B, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation, Water Pipe Not Included)	30	LF	\$50.00	\$1,500.00	\$64.00	\$1,920.00	\$60.00	\$1,800.00	\$140.00	\$4,200.00	\$0.00	\$0.00	\$0.00	\$0.00
4c	4" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	1	EA	\$750.00	\$750.00	\$748.00	\$748.00	\$1,070.00	\$1,070.00	\$1,200.00	\$1,200.00	\$0.00	\$0.00	\$0.00	\$0.00
5c	6" Water Main Wet Tap Complete in Place, Including Required Fittings and Appurtenances (Tapping Valve Included)	1	EA	\$2,000.00	\$2,000.00	\$2,702.00	\$2,702.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	\$0.00	\$0.00	\$0.00
6c	4" Water Main Connection Complete in Place, Including Required Fittings and Appurtenances (Valves Not Included)	1	EA	\$1,200.00	\$1,200.00	\$748.00	\$748.00	\$1,150.00	\$1,150.00	\$2,300.00	\$2,300.00	\$0.00	\$0.00	\$0.00	\$0.00
7c	Flush Hydrant Assembly, Complete in Place, Including Required Fittings and Appurtenances	1	EA	\$1,300.00	\$1,300.00	\$1,770.00	\$1,770.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$0.00	\$0.00	\$0.00	\$0.00
8c	#57 Crushed Stone on Trench Surface, Full Depth on Driveways and Roadway Crossings	40	LF	\$5.00	\$200.00	\$9.65	\$386.00	\$10.00	\$400.00	\$25.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00
9c	#9 Crushed Stone Bedding in Areas of Rock excavation	75	TON	\$5.00	\$375.00	\$28.00	\$2,100.00	\$25.00	\$1,875.00	\$25.00	\$1,875.00	\$0.00	\$0.00	\$0.00	\$0.00
10c	No. 10 Solid Copper Tracer Wire with Plastic Insulation and Sealed Splices to be Taped to the Top of all Water Mains, Marking Tape also Included	3,500	LF	\$0.00	\$0.00	\$0.34	\$1,190.00	\$0.20	\$700.00	\$0.40	\$1,400.00	\$0.00	\$0.00	\$0.00	\$0.00
11c	Cleanup and Restoration	3,500	LF	\$1.00	\$3,500.00	\$1.00	\$3,500.00	\$1.00	\$3,500.00	\$1.00	\$3,500.00	\$0.00	\$0.00	\$0.00	\$0.00
ALTERNATE No. 3 BID TOTAL:					\$34,550.00		\$41,504.00		\$53,685.00		\$103,675.00		\$0.00		\$0.00

ALTERNATE No. 4 - JEFFERSON RUN ROAD WATER LINE REPLACEMENT				Tilton Excavating LLC		Packs' Inc.		Floyd Excavating LLC		United Pipeline, Inc.					
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1d	2" PVC, Class 250 Pipe, SDR-17 Water Main, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	300	LF	\$15.00	\$4,500.00	\$5.10	\$1,530.00	\$55.00	\$16,500.00	\$20.00	\$6,000.00	\$0.00	\$0.00	\$0.00	\$0.00
2d	2" Water Main Connection Complete in Place, Including Required Fittings and Appurtenances (Valves Not Included)	1	EA	\$800.00	\$800.00	\$454.00	\$454.00	\$1,106.00	\$1,106.00	\$2,000.00	\$2,000.00	\$0.00	\$0.00	\$0.00	\$0.00
3d	2" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	1	EA	\$500.00	\$500.00	\$559.00	\$559.00	\$1,531.00	\$1,531.00	\$1,000.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00
4d	2" Blowoff Assembly, Complete in Place, Including Required Fittings and Appurtenances	1	EA	\$900.00	\$900.00	\$925.00	\$925.00	\$1,567.00	\$1,567.00	\$1,600.00	\$1,600.00	\$0.00	\$0.00	\$0.00	\$0.00
5d	Pre-Fabricated Customer Service, Complete in Place. All Water Line Diameters and Materials, Including 25' Max. PE Service Tubing	3	EA	\$850.00	\$2,550.00	\$731.00	\$2,193.00	\$800.00	\$2,400.00	\$960.00	\$2,880.00	\$0.00	\$0.00	\$0.00	\$0.00
6d	Additional 3/4" PE Service Tubing, Complete in Place, Including Required Fittings and Appurtenances	80	LF	\$5.00	\$400.00	\$6.15	\$492.00	\$4.00	\$320.00	\$15.00	\$1,200.00	\$0.00	\$0.00	\$0.00	\$0.00
7d	2" PVC Casing Pipe, Furnishing and Installing Under State and County Maintenance Roads, Including Unclassified Boring and/or Jacking (Service Tubing Not Included)	20	LF	\$20.00	\$400.00	\$32.00	\$640.00	\$55.00	\$1,100.00	\$15.00	\$300.00	\$0.00	\$0.00	\$0.00	\$0.00
8d	#57 Crushed Stone on Trench Surface, Full Depth on Driveways and Roadway Crossings	40	LF	\$5.00	\$200.00	\$9.65	\$386.00	\$10.00	\$400.00	\$25.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00
9d	#9 Crushed Stone Bedding in Areas of Rock excavation	20	TON	\$5.00	\$100.00	\$28.00	\$560.00	\$25.00	\$500.00	\$25.00	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00
10d	No. 10 Solid Copper Tracer Wire with Plastic Insulation and Sealed Splices to be Taped to the Top of all Water Mains, Marking Tape also Included	300	LF	\$0.00	\$0.00	\$0.34	\$102.00	\$0.20	\$60.00	\$0.40	\$120.00	\$0.00	\$0.00	\$0.00	\$0.00
11d	Cleanup and Restoration	300	LF	\$1.00	\$300.00	\$1.00	\$300.00	\$1.00	\$300.00	\$1.00	\$300.00	\$0.00	\$0.00	\$0.00	\$0.00
ALTERNATE No. 4 BID TOTAL:					\$10,650.00		\$8,141.00		\$25,784.00		\$16,900.00		\$0.00		\$0.00



Western Lewis Rectorville Water & Gas District
 Phase V - Water System Improvements
 Contract I - Distribution System Improvements
 Bid Date: January 19, 2016 at 1 PM Local Time

Water/Wastewater
 Transportation
 Engineers
 Environmental Planners

Project: 4220.00
 Date: 1/20/2016
 Engineer: BGB
 Page: 5 of 5

ALTERNATE No. 5 - LUNDERGAN FARM WATER LINE REPLACEMENT				Tilton Excavating LLC		Packs' Inc.		Floyd Excavating LLC		United Pipeline, Inc.					
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1e	6" PVC, Class 250 Pipe, SDR-17 Water Main, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	8,200	LF	\$8.25	\$67,650.00	\$9.55	\$78,310.00	\$10.50	\$86,100.00	\$30.00	\$246,000.00	\$0.00	\$0.00	\$0.00	\$0.00
2e	6" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	6	EA	\$800.00	\$4,800.00	\$897.00	\$5,382.00	\$1,900.00	\$11,400.00	\$1,400.00	\$8,400.00	\$0.00	\$0.00	\$0.00	\$0.00
3e	Automatic Air Release Valve Assembly and Box, Complete in Place	1	EA	\$600.00	\$600.00	\$430.00	\$430.00	\$761.00	\$761.00	\$900.00	\$900.00	\$0.00	\$0.00	\$0.00	\$0.00
4e	6" Water Main Connection Complete in Place, Including Required Fittings and Appurtenances (Valves Not Included)	3	EA	\$1,500.00	\$4,500.00	\$1,082.00	\$3,246.00	\$1,850.00	\$5,550.00	\$3,400.00	\$10,200.00	\$0.00	\$0.00	\$0.00	\$0.00
5e	Pre-Fabricated Customer Service, Complete in Place. All Water Line Diameters and Materials, Including 25' Max. PE Service Tubing	4	EA	\$850.00	\$3,400.00	\$731.00	\$2,924.00	\$750.00	\$3,000.00	\$960.00	\$3,840.00	\$0.00	\$0.00	\$0.00	\$0.00
6e	Additional 3/4" PE Service Tubing, Complete in Place, Including Required Fittings and Appurtenances	90	LF	\$5.00	\$450.00	\$6.15	\$553.50	\$4.00	\$360.00	\$20.00	\$1,800.00	\$0.00	\$0.00	\$0.00	\$0.00
7e	#57 Crushed Stone on Trench Surface, Full Depth on Driveways and Roadway Crossings	100	LF	\$5.00	\$500.00	\$9.65	\$965.00	\$10.00	\$1,000.00	\$25.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00
8e	No. 10 Solid Copper Tracer Wire with Plastic Insulation and Sealed Splices to be Taped to the Top of all Water Mains, Marking Tape also Included	8,200	LF	\$0.00	\$0.00	\$0.34	\$2,788.00	\$0.25	\$2,050.00	\$0.40	\$3,280.00	\$0.00	\$0.00	\$0.00	\$0.00
9e	Cleanup and Restoration	8,200	LF	\$1.00	\$8,200.00	\$1.00	\$8,200.00	\$1.00	\$8,200.00	\$1.00	\$8,200.00	\$0.00	\$0.00	\$0.00	\$0.00
ALTERNATE No. 5 BID TOTAL:					\$90,100.00		\$102,798.50		\$118,421.00		\$285,120.00		\$0.00		\$0.00

ALTERNATE No. 6 - BIG CABIN CREEK PRV REPLACEMENT				Tilton Excavating LLC		Packs' Inc.		Floyd Excavating LLC		United Pipeline, Inc.					
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1f	Pressure Reducing Valve Including but not Limited to Valves, Piping, Fittings, Vault as Shown on the Plans and Specifications	1	LS	\$9,000.00	\$9,000.00	\$15,091.00	\$15,091.00	\$10,500.00	\$10,500.00	\$17,000.00	\$17,000.00	\$0.00	\$0.00	\$0.00	\$0.00
ALTERNATE No. 6 BID TOTAL:					\$9,000.00		\$15,091.00		\$10,500.00		\$17,000.00		\$0.00		\$0.00

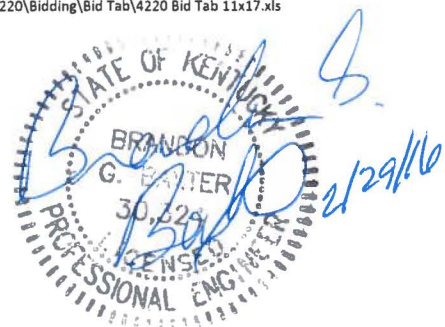
ALTERNATE No. 7 - LITTLE CABIN CREEK PRV REPLACEMENT				Tilton Excavating LLC		Packs' Inc.		Floyd Excavating LLC		United Pipeline, Inc.					
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1g	Pressure Reducing Valve Including but not Limited to Valves, Piping, Fittings, Vault as Shown on the Plans and Specifications	1	LS	\$9,000.00	\$9,000.00	\$15,091.00	\$15,091.00	\$10,500.00	\$10,500.00	\$17,000.00	\$17,000.00	\$0.00	\$0.00	\$0.00	\$0.00
ALTERNATE No. 7 BID TOTAL:					\$9,000.00		\$15,091.00		\$10,500.00		\$17,000.00		\$0.00		\$0.00

ALTERNATE No. 8 - GFCRWC INTERCONNECTION SCADA				Tilton Excavating LLC		Packs' Inc.		Floyd Excavating LLC		United Pipeline, Inc.					
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1h	SCADA System Complete in Place, Including but not limited to providing valve actuator, electrical service and all appurtenances required to provide a functioning system that is compatible with the OWNER's existing telemetry.	1	LS	\$30,000.00	\$30,000.00	\$34,882.00	\$34,882.00	\$90,000.00	\$90,000.00	\$46,000.00	\$46,000.00	\$0.00	\$0.00	\$0.00	\$0.00
ALTERNATE No. 8 BID TOTAL:					\$30,000.00		\$34,882.00		\$90,000.00		\$46,000.00		\$0.00		\$0.00

Signed:

Brandon G. Baxter
 Kentucky PE No. 30324
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Indicates an Error in the Bid. Corrected Totals Shown.





Western Lewis Rectorville Water & Gas District
 Phase V - Water System Improvements
 Contract II - AMR System
 Bid Date: January 19, 2016 at 1 PM Local Time

Water/Wastewater
 Transportation
 Engineers
 Environmental Planners

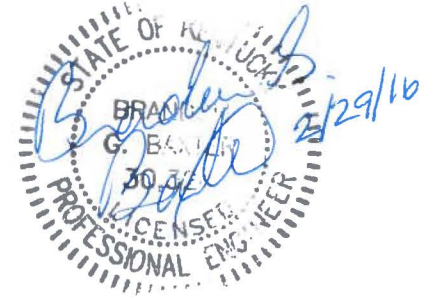
Project: 4220.00
 Date: 1/20/2016
 Engineer: BGB
 Page: 1 of 1

BASE BID - AMR SYSTEM				Tilton Excavating LLC		Thompson Brothers Construction									
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	New Radio Read Meter, Furnishing and Installing Removing of Existing Meter and Modification of Existing Meter and Modification of Existing Meter Lid	1,264	EA	\$251.25	\$317,580.00	\$310.00	\$391,840.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	Retro-Fit Register on Existing Meter, Furnishing and Installing, Including Modification of Existing Meter Lid	1,003	EA	\$189.00	\$189,567.00	\$215.00	\$215,645.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	New Meter Box Lid w/ Antenna Opening, Furnishing and Installing	35	EA	\$100.00	\$3,500.00	\$150.00	\$5,250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	24" Meter Box, Furnish and Install	25	EA	\$125.00	\$3,125.00	\$300.00	\$7,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	3" Meter Box Riser, Furnish and Install	10	EA	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	6" Meter Box Riser, Furnishing and Install	10	EA	\$120.00	\$1,200.00	\$100.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	Single Copper Setter, Furnish and Install	10	EA	\$350.00	\$3,500.00	\$300.00	\$3,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	Tandem Copper Setter, Furnish and Install	10	EA	\$450.00	\$4,500.00	\$400.00	\$4,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	Watts Pressure Reducing Valve, Furnish and Install	10	EA	\$100.00	\$1,000.00	\$250.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	Pre-Construction Documentation/Video	1	LS	\$100.00	\$100.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	AMR System Hardware, Software, Training & Installation	1	LS	\$21,000.00	\$21,000.00	\$30,000.00	\$30,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	ITEM NO. 12 NOT USED														
BASE BID TOTAL (BASIS FOR AWARD):				\$546,072.00		\$671,735.00		\$0.00		\$0.00		\$0.00		\$0.00	

ALTERNATE NO.1 - AMR SYSTEM				Tilton Excavating LLC		Thompson Brothers Construction									
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
13	Pre-Fabricated Meter Box with Single Meter Setter, Furnishing and Installing, Including Reconnection to Existing Service Line on Customer and OWNER side.	200	EA	\$700.00	\$140,000.00	\$780.00	\$156,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	Pre-Fabricated Meter Box with Tandem Meter Setter, Furnishing and Installing, Including Reconnection to Existing Service Line on Customer and OWNER side.	100	EA	\$820.00	\$82,000.00	\$880.00	\$88,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ALTERNATE NO. 1 - AMR SYSTEM TOTAL:				\$222,000.00		\$244,000.00		\$0.00		\$0.00		\$0.00		\$0.00	

Signed: _____
 Brandon G. Baxter, PE
 Kentucky PE No. 30,324
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Western Lewis Rectorville Water & Gas District
 Phase V - Water System Improvements
 Contract III - Flat Gap Tank Rehabilitation
 Bid Date: January 19, 2016 at 1 PM Local Time

Water/Wastewater
 Transportation
 Engineers
 Environmental Planners

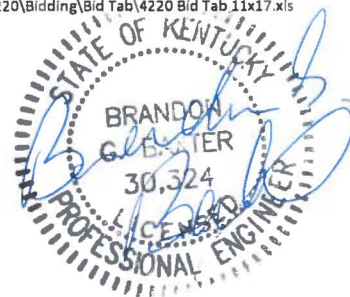
Project: 4220.00
 Date: 1/20/2016
 Engineer: BGB
 Page: 1 of 1

BASE BID - FLAT GAP TANK REHABILITATION				Currrens Construction Services, LLC											
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	200,000 Gallon Flat Gap Tank Water Storage Tank Interior Repaint including, but not limited to: SSPC SP-10 blast, coatings and application, up to 50 LF of Sika-flex 1a caulking, sterilization, site cleanup, all incidental work necessary to return the facility to operating condition, providing all materials, tools, equipment and labor necessary to paint the interior in accordance with the Contract Documents, complete in place.	1	LS	\$48,400.00	\$48,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	200,000 Gallon Flat Gap Water Storage Tank Exterior Repaint including, but not limited to: SSPC SP-6 blast, coatings and application, site cleanup, all incidental work necessary to return the facility to operating condition, providing all materials, tools, equipment and labor necessary to paint the exterior in accordance with the Contract Documents, complete in place.	1	LS	\$43,900.00	\$43,900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	Minor Pit Repair with Seam Sealer, including material and installation	2	Gal	\$600.00	\$1,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	Sika-Flex 1a Caulking, including installation	5	Tube	\$150.00	\$750.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	Major Pit Repair via Plate Welding	100	Sq. In.	\$10.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	Repairs via Welding	100	LF	\$35.00	\$3,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	Repair and Replace Grout at Foundations of Tank	1	LS	\$1,000.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	Antenna Removal, Time and Materials Allowance	1	LS	\$1,000.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	Videotape Project Area	1	LS	\$1,000.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BASE BID TOTAL (BASIS FOR AWARD):					\$101,750.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00

Signed: _____

Brandon G. Baxter, PE
 Kentucky PE No. 30,324

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Rural Development

February 25, 2016

Kentucky State Office

771 Corporate Drive,
Suite 200
Lexington, KY
40503

SUBJECT: Western Lewis Rectorville Water and Gas
Phase V Water Improvements
Contract Award Concurrence

Voice 859.224.7300
Fax 859.224.7425
TTY 859.224.7422

TO: Area Office
Morehead, Kentucky

Based on the bids received and the recommendation of the consulting engineer, Rural Development concurs in the award of subject contract to the low bidder on Contract 1, Tilton Excavating, in the amount of \$248,707.50, the low bidder on Contract 2, Tilton Excavating, in the amount of \$546,072., and the low bidder on Contract 3, Currrens Construction Services, in the amount of \$101,750.

If you have any questions, please contact Julie Anderson, State Engineer, at (859) 224-7348.



THOMAS G. FERN
State Director
Rural Development

cc: HMB Engineers
Frankfort, Kentucky

USDA is an equal opportunity provider and employer.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form (PDF), found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.