

Rubin & Hays

ATTORNEYS AT LAW

Kentucky Home Trust Building, 450 South Third Street, Louisville, Kentucky 40202-1410
Telephone (502) 569-7525 Telefax (502) 569-7555 Email: rh@rubinhays.com

CHARLES S. MUSSON
W. RANDALL JONES
CHRISTIAN L. JUCKETT

PARALEGAL
MARY M. EMBRY

February 23, 2004

Mr. Thomas Dorman
Executive Director
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

Case 2004-00056

RECEIVED

FEB 24 2004

**PUBLIC SERVICE
COMMISSION**

Re: Bracken County Water District PSC Application

Dear Mr. Dorman:


Enclosed please find the original and ten (10) copies of the Application of the Bracken County Water District for a Certificate of Public Convenience and Necessity to construct, finance and increase rates pursuant to KRS 278.023.

Also enclosed are eleven (11) copies of the exhibits required pursuant to 807 KAR 5.069, with the exception of the Preliminary and Final Engineering Reports, of which two copies are enclosed.

If you need any additional information or documentation, please let us know.

Sincerely,

Rubin & Hays

By 
W. Randall Jones

WRJ:jl
Enclosures
cc: Distribution List

DISTRIBUTION LIST

Account No. 142.0000

Re: Bracken County Water District Waterworks Revenue Bonds, Series 2004

Mr. Kenneth H. Slone
State Director
Rural Development
771 Corporate Drive, Suite 200
Lexington, Kentucky 40503-5477

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

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

Telephone: (606) 784-6447
Fax: (606) 784-2076

Ms. Diana Moran
Bracken County Water District
P.O. Box 201
Brooksville, Kentucky 41004

Telephone: (606) 735-3513
Fax: (606) 735-3017

Mr. Jeff Reynolds, P.E.
Haworth, Meyer & Boleyn, Inc.
3 HMB Circle, US 460
Frankfort, Kentucky 40601-5376

Telephone: (502) 695-9800

Michael Clark, Esq.
Attorney at Law
P.O. Box 42
Brooksville, Kentucky 41004

Telephone: (606) 735-3443
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W. Randall Jones, Esq.
Rubin & Hays
Kentucky Home Trust Building
450 South Third Street
Louisville, Kentucky 40202

Telephone: (502) 569-7525
Fax: (502) 569-7555

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

FEB 24 2004

PUBLIC SERVICE
COMMISSION

In the Matter of:

THE APPLICATION OF BRACKEN COUNTY)
WATER DISTRICT OF BRACKEN)
COUNTY KENTUCKY, FOR A CERTIFICATE OF)
PUBLIC CONVENIENCE AND NECESSITY) CASE NO. 2004-00056
TO CONSTRUCT, FINANCE AND INCREASE)
RATES PURSUANT TO KRS 278.023)

A P P L I C A T I O N

This Application of the Bracken County Water District ("Applicant") of Bracken County, Kentucky, respectfully shows:

1. That Applicant is a water district of Bracken County, Kentucky, created and existing under and by virtue of Chapter 74 of the Kentucky Revised Statutes.

2. That the post office address of Applicant is:

Bracken County Water District
c/o Ms. Diana Moran, Manager
P.O. Box 201
Brooksville, Kentucky 41004

3. That Applicant, pursuant to the provisions of KRS 278.020 and 278.023, seeks (I) a Certificate of Public Convenience and Necessity, permitting Applicant to construct a water system improvement project (the "Project"); (ii) an Order approving increased water rates; and (iii) approval of the proposed plan of financing said Project.

4. That the Project consists of the installation of approximately 48 miles of 4, 6 and 8 inch waterline and appurtenances and the construction of a 250,000 gallon reservoir and pumping station.

5. That Applicant proposes to finance the construction of the Project through (i) the issuance of \$980,000 of its Water and Sewer Revenue Bonds, Series 2004; (ii) a Rural Development ("RD") grant in the amount of \$772,500; (iii) a Kentucky 2020 grant in the amount of \$443,500; (iv) a Kentucky Tobacco Settlement grant in the amount of \$560,000; and (v) and Applicant contribution

in the amount of \$127,200. Applicant has a commitment from RD to purchase said Bonds maturing over a 40-year period, at an interest rate of not exceeding 4.750% per annum, as set out in the RD Letter of Conditions, as amended, and proposed maturity schedule filed herewith as an Exhibit.

6. That Applicant does not contemplate having the Project constructed with any deviation from minimum construction standards of this Public Service Commission.

7. That Applicant files herewith the following Exhibits pursuant to 807 KAR 5:069 in support of this Application:

- A. Copy of RD Letter of Conditions, as amended, with proposed maturity schedule (**Exhibit "A"**).
- B. Copy of RD Letter of Concurrence in Bid Award (**Exhibit "B"**).
- C. Copy of Preliminary and Final Engineering Reports.
- D. Certified statement from the Treasurer of Applicant (**Exhibit "C"**), based upon statements of the Engineers for Applicant, concerning the following:
 - (1) The proposed plans and specifications for the Project have been designed to meet the minimum construction and operating requirements set out in 807 KAR 5:066 Section 4(3) and (4); Section 5(1); Sections 6 and 7; Section 8(1) through (3); Section 9(1) and Section 10.
 - (2) All other state approvals or permits have already been obtained;
 - (3) The proposed rates of Applicant shall produce the total revenue requirements set out in the engineering reports; and
 - (4) Setting out the dates when it is anticipated that construction will begin and end.

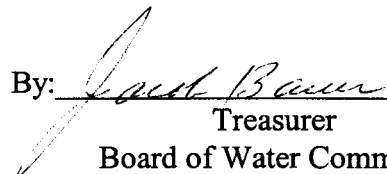
8. That Applicant has arranged for the publication, prior to or at the same time this Application is filed, of a Notice of Proposed Water Rates pursuant to Section 4 of 807 KAR 5:069, in the Bracken County News which is the newspaper of general circulation in Applicant's service area and in Bracken County, Kentucky. Said Notice sets out the current rates and the proposed rates of Applicant and a short description of the construction Project. A copy of said Notice is filed herewith as **Exhibit "D"**.

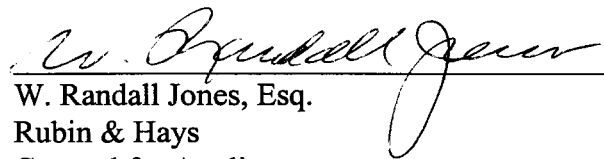
9. That the foregoing constitutes the documents necessary to obtain the approval of the Kentucky Public Service Commission in accordance with Section 278.023 of the Kentucky Revised Statutes and in accordance with the "Minimum Filing Requirements" specified in 807 KAR 5:069, Section 3.

WHEREFORE, Applicant, the Bracken County Water District, asks that the Public Service Commission of the Commonwealth of Kentucky grant to Applicant the following:

- a. A Certificate of Public Convenience and Necessity permitting Applicant to construct a water system improvement project.
- b. An Order approving the financing arrangements made by Applicant, viz., (i) the issuance of \$980,000 of Bracken County Water District Waterworks Revenue Bonds, Series 2004, at an interest rate of not exceeding 4.750% per annum; (ii) an RD grant in the amount of \$772,500; (iii) a Kentucky 2020 grant in the amount of \$443,500; (iv) a Kentucky Tobacco Settlement grant in the amount of \$560,000; and (v) an Applicant contribution in the amount of \$127,200.
- c. An Order approving the proposed water rates as set out in Section 24 of the RD Letter of Conditions, as amended, filed herewith as an Exhibit.

BRACKEN COUNTY WATER DISTRICT

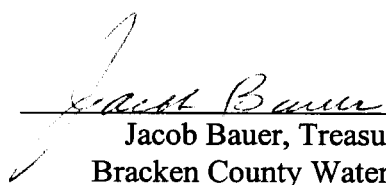
By:  _____
Treasurer
Board of Water Commissioners

 _____
W. Randall Jones, Esq.
Rubin & Hays
Counsel for Applicant
Kentucky Home Trust Building
450 South Third Street
Louisville, Kentucky 40202
(502) 569-7525

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF BRACKEN)

The undersigned, Jacob Bauer, being duly sworn, deposes and states that he is the Treasurer of the Board of Commissioners of the Bracken County Water District, Applicant, in the above proceedings; that he has read the foregoing Application and has noted the contents thereof; that the same is true of his own knowledge, except as to matters which are therein stated on information or belief, and as to those matters, he believes same to be true.

IN TESTIMONY WHEREOF, witness the signature of the undersigned on this February 18, 2004.



Jacob Bauer, Treasurer
Bracken County Water District

Subscribed and sworn to before me by Jacob Bauer, Treasurer of the Board of Commissioners of the Bracken County Water District, on this February 18, 2004.

My Commission expires: 4/3/06.



Notary Public



United States
Department of
Agriculture

Rural
Development

711 Corporate Drive, Suite 200
Lexington, KY 40503-5477
(859) 224-7336 TTY(859) 224-7422

February 20, 2002

Mr. Charles Tarvin, Chairman
Bracken County Water District
P.O. Box 201
Brooksville, Kentucky 41004

Dear Mr. Tarvin:

This letter establishes conditions which must be understood and agreed to by you before further consideration may be given to the application. The loan and/or grant will be administered on behalf of the Rural Utilities Service (RUS) by the State and Area office staff of USDA, Rural Development. Any changes in project cost, source of funds, scope of services or any other significant changes in the project or applicant must be reported to and approved by USDA, Rural Development, by written amendment to this letter. Any changes not approved by Rural Development shall be cause for discontinuing processing of the application. It should also be understood that Rural Development is under no obligation to provide additional funds to meet an overrun in construction costs.

This letter is not to be considered as loan and/or grant approval or as a representation as to the availability of funds. The docket may be completed on the basis of a RUS loan not to exceed \$980,000, a RUS grant not to exceed \$772,500, and a Kentucky State (20-20) Grant of \$443,500.

If Rural Development makes the loan, you may make a written request that the interest rate be the lower of the rate in effect at the time of loan approval or the time of loan closing. If you do not request the lower of the two interest rates, the interest rate charged will be the rate in effect at the time of loan approval. The loan will be considered approved on the date a signed copy of Form RD 1940-1, "Request for Obligation of Funds," is mailed to you. If you want the lower of the two rates, your written request should be submitted to Rural Development as soon as practical. In order to avoid possible delays in loan closing, such a request should ordinarily be submitted at least 30 days before loan closing.

Please complete and return the attached Form RD 1942-46, "Letter of Intent to Meet Conditions," if you desire that further consideration be given to your application.

The "Letter of Intent to Meet Conditions" must be executed within three weeks from the date of this letter or it becomes invalid unless a time extension is granted by Rural Development.

If the conditions set forth in this letter are not met within 240 days from the date hereof, Rural Development reserves the right to discontinue the processing of the application.

In signing Form RD 1942-46, "Letter of Intent to Meet Conditions," you are agreeing to complete the following as expeditiously as possible:

1. Number of Users and Their Contribution:

There shall be 1,887 water users, of which 1,700 are existing users and 187 are new users contributing \$93,500 in connection fees toward the cost of the project. The connection fees will be collected prior to advertising for construction bids and will be placed in the construction account at loan pre-closing, unless spent for authorized purposes prior to loan pre-closing. The Rural Development Manager will review and authenticate the number of users and amount of connection fees prior to advertising for construction bids. No contribution is required from the Water District.

1a. Grant Agreement:

Attached is a copy of RUS Bulletin 1780-12, "Water and Waste System Grant Agreement," for your review. You will be required to execute a completed form at the time of grant closing.

1b. Drug-Free Work Place:

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

2a. Repayment Period:

The loan will be scheduled for repayment over a period not to exceed 40 years from the date of the bond. Principal payment will not be deferred for a period in excess of two (2) years from the date of the bond. Payments will be in accordance with applicable KRS, which requires interest to be paid semi-annually (January 1st and July 1st) and principal will be due on or before the first of January. Rural Development may require the Water District to adopt a supplemental payment agreement providing for monthly payments of principal and interest so long as the bond is held or insured by RUS. Monthly payments will be approximate amortized installments.

2b. Recommended Repayment Method:

Payments on this loan can be made using the Preauthorized Debit (PAD) payment method. This procedure eliminates the need for paper checks and ensures timely receipt of RD loan payments. To initiate PAD payments, Form SF 5510, "Authorization Agreement for Preauthorized Payments," should be signed by the District to authorize the electronic withdrawal of funds from your designated bank account on the exact installment payment due date. The Rural Development Manager will furnish the necessary forms and further guidance on the PAD procedure.

3. Funded Depreciation Reserve Account:

The Water District will be required to deposit \$470.00 per month into a "Funded Depreciation Reserve Account" until the account reaches \$56,400. The deposits are to be resumed any time the account falls below the \$56,400.

The required monthly deposits to the Reserve Account and required Reserve Account levels are in addition to the requirements of the Water District's prior bond resolutions.

The monthly deposits to the Reserve Account are required to commence with the first month of the first full fiscal year after the facility becomes operational.

4. Security Requirements:

A pledge of gross water revenue will be provided in the Bond Resolution.

5. Land Rights and Real Property:

The Water District will be required to furnish satisfactory title, easements, etc., necessary to install, maintain and operate the facility to serve the intended users. The pipelines will be on private rights-of-way where feasible. Easements and options are to be secured prior to advertising for construction bids.

6. Organization:

The Water District will be legally organized under applicable KRS, which will permit them to perform this service, borrow and repay money.

7. Business Operations:

The Water District will be required to operate the system under a well-established set of resolutions, rules and regulations. A budget must be established annually and adopted by the Water District after review by Rural Development. At no later than loan pre-closing, the Water District will be required to furnish a prior approved management plan to include, as a minimum, provisions for management, maintenance, meter reading, miscellaneous services, billing, collecting, bookkeeping, making and delivering required reports and audits.

8. Accounts, Records and Audits:

The Water District will be required to maintain adequate records and accounts and submit statistical and financial reports, quarterly and annually, in accordance with subsection 1780.47 of RUS Instruction 1780 and RUS Staff Instruction 1780-4, a copy of which is enclosed. The enclosed audit booklet will be used as a guide for preparation of audits. Annual audits, budgets, and reports will be submitted to Rural Development. The Water District shall be required to submit a copy of its audit agreement for review and approval prior to pre-closing the loan. The Water District shall obtain the assistance of its accountant to establish the Water District's accounting system. Rural Development approval of the accounting system is required.

9. Accomplish Audits for Years in Which Federal Financial Assistance is Received:

The Water District will accomplish audits in accordance with OMB Circular A-133, during the years in which federal funds are received. The Water District will provide copies of the audits to the Area Office and the appropriate Federal cognizant agency as designated by OMB Circular A-133.

10. 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 Water District. The Water District should obtain amounts of coverage as recommended by its attorney, consulting engineer and/or insurance provider.
- B. Worker's Compensation - The Water District will carry worker's compensation insurance for employees in accordance with applicable state laws.
- C. Fidelity Bond - The Water District will provide Fidelity Bond Coverage for all persons who have access to funds. Coverage may be provided either for all individual positions or persons, or through "blanket" coverage providing protection for all appropriate employees and/or officials. The amount of coverage required for all RUS loans is \$57,000.
- D. Real Property Insurance - The Water 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 Water 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.
- E. Flood Insurance - The Water District will obtain and maintain adequate coverage on any facilities located in a special flood and mudslide prone areas.

11. Planning and Performing Development:

- A. The engineer should not be authorized to commence work on final plans and specifications until a determination has been made that the project can be planned and constructed within the estimated cost shown in paragraph "21" of this letter. The engineer may then proceed to develop final plans and specifications to be completed no later than 210 days from this date, and prepare bid documents. The Rural Development Manager is prepared to furnish the necessary guide for him to follow so as to keep the project plans and documents within our guidelines and requirements. The project should not be advertised for construction bids until all easements and enforceable options have been obtained, and total funds are committed or available for the project.

B. The following documents will be submitted to Rural Development for review and must be concurred in by Rural Development prior to advertisement for construction bids:

1. Final plans, specifications and bid documents.
2. Applicant's letter on efforts to encourage small business and minority-owned business participation.
3. Legal Service Agreements.
4. Engineering Agreements.

Revision in these documents will be subject to Rural Development concurrence. Any agreements, contracts, etc. not reviewed and approved by Rural Development will not be eligible for payment from project funds or revenues from facilities financed by this Agency.

Prior to receipt of an authorization to advertise for construction bids, the Water District will obtain advance clearance from Bond Counsel regarding compliance with KRS 424 pertaining to publishing of the advertisement for construction bids in local newspapers and the period of time the notice is required to be published.

12. Compliance with Section 504 of the Rehabilitation Act of 1973:

The Water District will be required to comply with Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), in order to make sure no handicapped individual, solely by reason of their handicap, is excluded from participation in the use of the water system, be denied the benefits of the water system, or be subjected to discrimination.

13. Closing Instructions:

The Office of General Counsel, our Regional Attorney, will be required to write closing instructions in connection with this loan. Conditions listed therein must be met by the Water District.

14. Compliance with Special Laws and Regulations:

The Water District will be required to conform with any and all state and local laws and regulations affecting this type project.

15. System Operator:

The Water District is reminded that the system operator must have an Operator's Certificate issued by the State.

16. Prior to Pre-Closing the Loan, the Water District will be Required to Adopt:

- A. Form RUS Bulletin 1780-27, "Loan Resolution (Public Bodies)."
- B. Form RD 400-1, "Equal Opportunity Agreement."
- C. Form RD 400-4, "Assurance Agreement."
- D. Form AD-1047, "Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transaction."
- E. Form RD 1910-11, "Applicant Certification Federal Collection Policies for Consumer or Commercial Debts."
- F. FmHA Instruction 1940-Q, Exhibit A-1, "Certification for Contracts, Grants and Loans."

The Water District must offer the opportunity for all residents in the service area to become users of the facilities regardless of race, creed, color, religion, sex, national origin, marital status, physical or mental handicap or level of income.

17. Refinancing and Graduation Requirements:

The Water District is reminded that if at any time it shall appear to the Government that the Water District is able to refinance the amount of the RUS indebtedness then outstanding, in whole or in part, by obtaining a loan from commercial sources at reasonable rates and terms, upon the request of the Government, the Water District will apply for and accept such loan in sufficient amount to repay the Government.

18. Commercial Interim Financing:

The Water District will be required to use commercial interim financing for the project during construction for the RUS loan portion of the financing, if available at reasonable rates and terms.

Before the loan is closed, the Water District will be required to provide Rural Development with statements from the contractor, engineer and attorneys that they have been paid to date in accordance with their contract or other agreements and, in the case of the contractor, that he has paid his suppliers and sub-contractors.

19. Disbursement of Project Funds:

A construction account for the purpose of disbursement of project funds (RUS) will be established by the Water District prior to start of construction. The position of officials entrusted with the receipt and disbursement of RUS project funds will be covered by a "Fidelity Bond," with USDA-Rural Development as Co-Obligee, in the amount of construction funds on hand at any one time during the construction phase.

During construction, the Water District shall disburse project funds in a manner consistent with subsection 1780.76 (e) of RUS Instruction 1780. Form RD 1924-18, "Partial Payment Estimate," or similar form approved by Rural Development, shall be used for the purpose of documenting periodic construction estimates, and shall be submitted to Rural Development for review and acceptance. Prior to disbursement of funds by the Water District, the Board of Directors shall review and approve each payment estimate. All bills and vouchers must be approved by Rural Development prior to payment by the Water District.

Form RD 440-11, "Estimate of Funds Needed for 30-Day Period Commencing _____," will be prepared by the Water District and submitted to Rural Development in order that a periodic advance of federal cash may be requested.

Monthly audits of the Water District's construction account records shall be made by Rural Development.

20. Disbursement of Grant Funds:

The RUS funds will be advanced as they are needed in the amount(s) necessary to cover the RUS proportionate share of obligations due and payable by the Water District. Interest earned on grant funds in excess of \$100 (as applicable) per year will be submitted to RUS at least quarterly, as required in 7CFR part 3016 (as applicable).

21. Cost of Facility:

Breakdown of Costs:

| | |
|--------------------------|---------------------|
| Development | \$ 1,837,000 |
| Land and Rights | 30,000 |
| Legal and Administrative | 20,000 |
| Engineering | 231,300 |
| Interest | 20,000 |
| Contingencies | <u>151,200</u> |
| TOTAL | \$ <u>2,289,500</u> |

Financing:

| | |
|------------------------------|---------------------|
| RUS Loan | \$ 980,000 |
| RUS Grant | 772,500 |
| Kentucky State (20-20) Grant | 443,500 |
| Applicant Contribution | <u>93,500</u> |
| TOTAL | \$ <u>2,289,500</u> |

22. Debt Collection Improvement Act (DCIA) of 1996:

The Debt Collection Improvement Act (DCIA) of 1996 requires that all federal payments after January 1, 1999, must be made by Electronic Funds Transfer/Automated Clearing House (EFT/ACH). Borrowers receiving payments by EFT will have funds directly deposited to a specified account at a financial institution with funds being available to the recipient on the date of payment. The borrower should complete Form SF-3881, "Electronic Funds Transfer Payment Enrollment Form," for each account where funds will be electronically received. The completed form(s) must be received by Rural Development at least thirty (30) days prior to the first advance of funds.

23. Use of Remaining Project Funds:

The applicant contribution shall be considered as the first funds expended. After providing for all authorized costs, any remaining project funds will be considered to be RUS/Kentucky State (20-20) grant funds and refunded in proportion to participation in the project. If the amount of unused grant funds exceeds the grants, that part would be RUS loan funds.

24. Rates and Charges:

Rates and charges for facilities and services rendered by the Water 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.

Water rates will be at least:

| | | | |
|----------|-------|--------------|---------------------------|
| First | 2,000 | gallons @ \$ | 13.00 - Minimum Bill. |
| All Over | 2,000 | gallons @ \$ | 3.75 - per 1,000 gallons. |

| | |
|---|---------|
| Surcharge Division 1 | \$ 6.44 |
| (Multiple user's are billed a minimum of \$13.00 plus applicable surcharge per unit.) | |

Sales and Utility Tax where applicable.

CONNECTION FEE: \$600.00 on standard meter

| | |
|--|---------------------------|
| WHOLESALE DIVISION 1 (Applicable to Brooksville) | |
| GALLON BLOCK | \$ 3.23 per 1,000 gallons |
| Surcharge | \$ 0.47 per 1,000 gallons |

| | |
|--|---------------------------|
| BULK SALES: Loading Station Division 1 | \$ 5.62 per 1,000 gallons |
|--|---------------------------|

In addition, a surcharge of \$0.33 per 1,000 gallons will be charged to all customers until Bracken County Water District has collected \$114,383.00

25. Water Purchase Contract:

The Water District will submit a Water Purchase Contract for approval by Rural Development before advertising for construction bids. If the contract is not on Form RD 442-30, "Water Purchase Contract," the contract will require approval by our Regional Attorney. The contract must meet the requirements of subsection 1780.62 of RUS Instruction 1780.

26. Commitment of Kentucky State (20-20) Grant:

This Letter of Conditions is issued contingent upon a firm commitment being in effect prior to advertising for construction bids for the Kentucky State (20-20 grant in the amount of \$443,500.

27. Floodplain Construction:

The Water District will be required to pass and adopt a Resolution or amend its By-Laws whereby the Water District will deny any water service to any future customer wishing to build on or develop property located within a designated floodplain. If a customer or developer requests service for construction in a designated floodplain, the customer or developer must provide evidence and a justification for approval by the Water District and Rural Development officials that there are no other alternatives to construction or development within the designated floodplain. The community must be a participant in the National Flood Insurance Program (NFIP) and the customer or developer must obtain the required permits prior to the tap on restrictions being waived.

28. Mitigation Measures:

- A. The Water District shall be required to comply with the requirements of the Kentucky State Clearinghouse as detailed by letter to Mr. Jeff Reynolds, dated February 8, 2000, and signed by Mr. Ronald W. Cook.
- B. The Water District shall be required to comply with the requirements, if any, of the U.S. Fish and Wildlife Service as requested by letter dated October 12, 2000, and signed by Lee A. Barclay, Ph.D., Field Supervisor.
- C. The Water District will comply with all applicable executive orders and regulations that are applicable to the preservation of prime farmlands and wetlands.

29. Final Approval Conditions:

Final approval of this loan 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 Rural Development Manager will allot a reasonable portion of time to provide guidance in application processing.

Sincerely,


KENNETH SLONE
State Director
Rural Development

Enclosures

cc: Rural Development Manager - Morehead, Kentucky
Community Development Manager - Flemingsburg, Kentucky
Buffalo Tract ADD - Maysville, Kentucky
Edward T. Rudd - Brooksville, Kentucky
Rubin and Hays - Louisville, Kentucky
HMB, Inc. - Frankfort, Kentucky
PSC - ATTN: Bob Amato - Frankfort, Kentucky



Rural Business
Cooperative Service

February 11, 2004

Rural Housing
Service

Rural Utilities
Service

Mr. Charles Tarvin, Chairman
Bracken County Water District
P.O. Box 201
Brooksville, Kentucky 41004

Re: Letter of Conditions Dated February 20, 2002

Dear Mr. Tarvin:

This letter shall serve as Amendment No. 1 to the Letter of Conditions dated February 20, 2002. The purpose of this amendment is to (1) revise the total cost of the project due to a construction bid overrun; (2) revise the number of users; (3) revise the rates and charges; and (4) make other editorial changes in accordance with current Rural Utilities Service (RUS) Instructions.

The Second Paragraph on Page 1 is revised to read as follows:

“ This letter is not to be considered as loan and/or grant approval or as a representation as to the availability of funds. The docket may be completed on the basis of a RUS loan not to exceed \$980,000, a RUS grant not to exceed \$772,500, a State of Kentucky 2020 grant of \$443,500, and a State of Kentucky Tobacco Settlement grant in the amount of \$560,000. ”

Paragraph numbered “1” is revised to read as follows:

“ 1. Number of Users and Their Contribution:

There shall be 2,063 water users, of which 1,851 are existing users and 212 are new users contributing \$127,200 in connection fees toward the cost of the project. The connection fees will be collected prior to advertising for construction bids and will be placed in the construction account at loan pre-closing, unless spent for authorized purposes prior to loan pre-closing. The Rural Development Manager will review and authenticate the number of users and amount of connection fees prior to advertising for construction bids. No contribution is required from the Water District. ”

Paragraph numbered "21" is revised to read as follows:

“ 21. Cost of Facility:

Breakdown of Costs:

| | |
|--------------------------|----------------|
| Development | \$ 2,330,200 |
| Land and Rights | 30,000 |
| Legal and Administrative | 20,000 |
| Engineering | 269,300 |
| Interest | 20,000 |
| Contingencies | <u>213,700</u> |
| TOTAL | \$ 2,883,200 |

Financing:

| | |
|------------------------------------|----------------|
| RUS Loan | \$ 980,000 |
| RUS Grant | 772,500 |
| St. of KY 2020 Grant | 443,500 |
| St. of KY Tobacco Settlement Grant | 560,000 |
| Applicant Contribution | <u>127,200</u> |
| TOTAL | \$ 2,883,200 ” |

Paragraph numbered “23” is revised to read as follows:

“ 23. Use of Remaining Project Funds:

The applicant contribution shall be considered as the first funds expended. After providing for all authorized costs, any remaining project funds will be considered to be RUS/State of Kentucky 2020/State of Kentucky Tobacco Settlement grant funds and refunded in proportion to participation in the project. If the amount of unused grant funds exceeds the grants, that part would be RUS loan funds. ”

Paragraph numbered “24” is revised to read as follows:

“ 24. Rates and Charges:

Rates and charges for facilities and services rendered by the Water 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.

Water rates will be at least:

| | | |
|----------|-------|---------------------------------------|
| First | 2,000 | gallons @ \$ 11.14 - Minimum Bill |
| All Over | 2,000 | gallons @ \$ 5.06 - per 1,000 gallons |

Surcharge Division 1.....\$6.44
(Multiple user's are billed a minimum of \$11.14 plus applicable surcharge per unit.)

Sales and Utility Tax where applicable.

CONNECTION FEE: \$ 600.00 on standard meter

WHOLESALE DIVISION 1 (Applicable to Brooksville)
GALLON BLOCK \$ 2.33 per 1,000 gallons
Surcharge \$ 0.47 per 1,000 gallons

BULK SALES: Loading Station Division 1 \$ 6.10 per 1,000 gallons ”

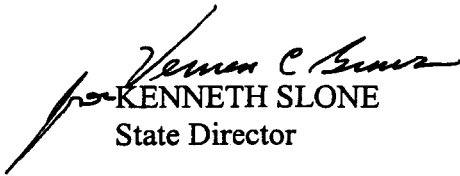
Paragraph numbered “26” is revised to read as follows:

“ 26. Commitment of State of Ky. 2020 and Tobacco Settlement Grant Funds:

This Letter of Conditions is issued contingent upon a firm commitment being in effect prior to advertising for construction bids for the State of Kentucky 2020 grant in the amount of \$443,500 and for the State of Kentucky Tobacco Settlement grant in the amount of \$560,000. ”

All other provisions of the referenced Letter of Conditions remain in full force and unchanged.

Sincerely,


KENNETH SLONE
State Director

- cc: Rural Development Manager - Morehead, Kentucky
- Community Development Manager - Flemingsburg, Kentucky
- Buffalo Trace ADD - Maysville, Kentucky
- Edward T. Rudd - Brooksville, Kentucky
- ✓ Rubin and Hays - Louisville, Kentucky
- HMB, Inc. - Frankfort, Kentucky
- PSC - ATTN: Bob Amato - Frankfort, Kentucky



**RURAL UTILITIES SERVICE
BOND SCHEDULE, 2/11/2004**



| Name of Borrower: Bracken County Water District | | | |
|---|--------|--|--------|
| Amount of Loan | 980000 | Annual Interest Rate | 0.0475 |
| Number of Initial Interest Only Payments | 2 | Number of principal and/or Interest Payments | 40 |
| Payment Frequency | Annual | This is a split payment bond. | false |
| Principal Payment Units | 1000 | Interest Payment Units | 1 |

| YEAR | PERIOD | NUMBER | PAYMENT | INTEREST | PRINCIPAL | BALANCE |
|---------------|--------|--------|----------------|----------------|---------------|---------|
| 2005 | 1 | 1 | 46550 | 46550 | 0 | 980000 |
| 2006 | 1 | 2 | 46550 | 46550 | 0 | 980000 |
| 2007 | 1 | 3 | 56550 | 46550 | 10000 | 970000 |
| 2008 | 1 | 4 | 56075 | 46075 | 10000 | 960000 |
| 2009 | 1 | 5 | 56600 | 45600 | 11000 | 949000 |
| 2010 | 1 | 6 | 56078 | 45078 | 11000 | 938000 |
| 2011 | 1 | 7 | 56555 | 44555 | 12000 | 926000 |
| 2012 | 1 | 8 | 55985 | 43985 | 12000 | 914000 |
| 2013 | 1 | 9 | 56415 | 43415 | 13000 | 901000 |
| 2014 | 1 | 10 | 55798 | 42798 | 13000 | 888000 |
| 2015 | 1 | 11 | 56180 | 42180 | 14000 | 874000 |
| 2016 | 1 | 12 | 56515 | 41515 | 15000 | 859000 |
| 2017 | 1 | 13 | 55803 | 40803 | 15000 | 844000 |
| 2018 | 1 | 14 | 56090 | 40090 | 16000 | 828000 |
| 2019 | 1 | 15 | 56330 | 39330 | 17000 | 811000 |
| 2020 | 1 | 16 | 56523 | 38523 | 18000 | 793000 |
| 2021 | 1 | 17 | 56668 | 37668 | 19000 | 774000 |
| 2022 | 1 | 18 | 55765 | 36765 | 19000 | 755000 |
| 2023 | 1 | 19 | 55863 | 35863 | 20000 | 735000 |
| 2024 | 1 | 20 | 55913 | 34913 | 21000 | 714000 |
| 2025 | 1 | 21 | 55915 | 33915 | 22000 | 692000 |
| 2026 | 1 | 22 | 55870 | 32870 | 23000 | 669000 |
| 2027 | 1 | 23 | 55778 | 31778 | 24000 | 645000 |
| 2028 | 1 | 24 | 56638 | 30638 | 26000 | 619000 |
| 2029 | 1 | 25 | 56403 | 29403 | 27000 | 592000 |
| 2030 | 1 | 26 | 56120 | 28120 | 28000 | 564000 |
| 2031 | 1 | 27 | 55790 | 26790 | 29000 | 535000 |
| 2032 | 1 | 28 | 56413 | 25413 | 31000 | 504000 |
| 2033 | 1 | 29 | 55940 | 23940 | 32000 | 472000 |
| 2034 | 1 | 30 | 56420 | 22420 | 34000 | 438000 |
| 2035 | 1 | 31 | 55805 | 20805 | 35000 | 403000 |
| 2036 | 1 | 32 | 56143 | 19143 | 37000 | 366000 |
| 2037 | 1 | 33 | 56385 | 17385 | 39000 | 327000 |
| 2038 | 1 | 34 | 56533 | 15533 | 41000 | 286000 |
| 2039 | 1 | 35 | 56585 | 13585 | 43000 | 243000 |
| 2040 | 1 | 36 | 56543 | 11543 | 45000 | 198000 |
| 2041 | 1 | 37 | 56405 | 9405 | 47000 | 151000 |
| 2042 | 1 | 38 | 56173 | 7173 | 49000 | 102000 |
| 2043 | 1 | 39 | 55845 | 4845 | 51000 | 51000 |
| 2044 | 1 | 40 | 53423 | 2423 | 51000 | 0 |
| TOTALS | | | 2225933 | 1245933 | 980000 | |



Rural Development
A mission area of the
United States Department of Agriculture

771 Corporate Drive, Suite 200
Lexington, KY 40503-5477
859/224-7300 Fax 859/224-7340
TTY 859/224-7422

February 23, 2004

Rural Business --
Cooperative
Service

Rural Housing
Service


Rural Utilities
Service

SUBJECT: Bracken County Water District
South Western Bracken County Water
Contract Award Concurrence

TO: Rural Development Manager
Morehead, Kentucky

Based on the bids received and the recommendations of the consulting engineer, Rural Development concurs in the award of the subject contract to the low bidder on Contract V, R.F. Huber in the amount of \$1,735,211.50, and the low bidder on Contract VI, Free Contracting, Inc., in the amount of \$595,000.00.

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


KENNETH STONE
State Director
Rural Development

cc: HMB Engineers, Inc.
Frankfort, KY

Randy Jones
Ruben and Hays
Louisville, KY

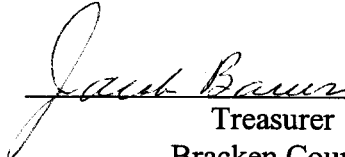
**CERTIFICATE OF TREASURER OF BRACKEN COUNTY WATER DISTRICT,
AS TO STATEMENT REQUIRED BY SECTION 3(2)(D) OF 807 KAR 5:069**

I, Jacob Bauer, hereby certify that I am the duly qualified and acting Treasurer of the Bracken County Water District, and that said District is in the process of arranging to finance the construction of improvements to the water system (the "Project"), in cooperation with HMB Engineers, Inc., Frankfort, Kentucky, the Engineers for the District (the "Engineers").

Based on information furnished to me by said Engineers for the District, I hereby certify as follows:

1. That the proposed plans and specifications for the Project have been designed to meet the minimum construction and operating requirements set out in 807 KAR 5:066 Section 4(3) and (4); Section 5(1); Sections 6 and 7; Section 8(1) through (3); Section 9(1) and Section 10.
2. That all other state approvals and/or permits have already been obtained.
3. That the rates proposed by the District in its current Application filed with the Public Service Commission of Kentucky are contemplated to produce total revenue requirements set out in the Engineering Reports prepared by such Engineers and filed with the Public Service Commission.
4. That it is now contemplated that construction of the Project will begin on or about March 15, 2004, and will end on or about December 15, 2004.


IN TESTIMONY WHEREOF, witness my signature this February 18, 2004.



Treasurer
Bracken County Water District

STATE OF KENTUCKY)
) SS
COUNTY OF BRACKEN)

Subscribed and sworn to before me by Jacob Bauer, Treasurer of the Board of Commissioners of the Bracken County Water District, on this February 18, 2004.



Notary Public Commission Expires
In and For Said State and County 4/3/06

NOTICE OF PROPOSED WATER RATES

In accordance with the requirements of the Public Service Commission of the Commonwealth of Kentucky as set out in 807 KAR 5:069, Section 4, notice is hereby given to the customers of the Bracken County Water District of an increase in water rates for users of the District's water system. The proposed water rates are required by the United States Department of Agriculture, acting by and through Rural Development ("RD"), in connection with a loan by RD to the District in the amount of \$980,000 to be evidenced by the issuance by the District of its Waterworks Revenue Bonds in such amount, which RD has agreed to purchase provided the District meets certain conditions of RD, including increasing water rates as set forth below:

Current Monthly Rates

All meter sizes, excluding the City of Brooksville and Augusta.

| | |
|------------------------|------------------------|
| First 2,000 gallons | \$11.14 minimum bill |
| All over 2,000 gallons | 4.56 per 1,000 gallons |

| | |
|----------------------|--------|
| Surcharge Division I | \$6.44 |
|----------------------|--------|

(Multiple users are billed a minimum of \$11.14 plus applicable surcharge per unit).

Sales and Utility tax where applicable.

Connection Fee: \$600.00 on standard meter.

Wholesale Division I (applicable to the City of Brooksville)

| | |
|-----------------|--------------------------|
| Gallonage Block | \$2.23 per 1,000 gallons |
| surcharge | 0.47 per 1,000 gallons |

| | |
|--|--------------------------|
| Bulk Sales: Loading Station Division I | \$5.60 per 1,000 gallons |
|--|--------------------------|

Proposed Monthly Water Rates

All meter sizes, excluding the City of Brooksville and Augusta.

| | |
|------------------------|------------------------|
| First 2,000 gallons | \$11.14 minimum bill |
| All over 2,000 gallons | 5.06 per 1,000 gallons |

| | |
|----------------------|--------|
| Surcharge Division I | \$6.44 |
|----------------------|--------|

(Multiple users are billed a minimum of \$11.14 plus applicable surcharge per unit).

Sales and Utility tax where applicable.

Connection Fee: \$600.00 on standard meter.

Wholesale Division I (applicable to the City of Brooksville)

| | |
|-----------------|--------------------------|
| Gallonage Block | \$2.33 per 1,000 gallons |
| surcharge | 0.47 per 1,000 gallons |

| | |
|--|--------------------------|
| Bulk Sales: Loading Station Division I | \$6.10 per 1,000 gallons |
|--|--------------------------|

The RD loan proceeds will be used in conjunction with a \$127,200 contribution from the District, a \$772,500 RD grant, a \$443,500 Kentucky 2020 grant, and a \$560,000 Kentucky Tobacco Settlement grant to finance the cost of the installation of approximately 48 miles of 4, 6 and 8 inch waterline and appurtenances and the construction of a 250,000 gallon reservoir and pumping station. Signed, Charles Tarvin, Chairman, Bracken County Water District.



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

December 19, 2003

Elwood Howe
 Rural Development
 200 West First Street
 Morehead, KY 40351-1504

RECEIVED

FEB 24 2004

**PUBLIC SERVICE
 COMMISSION**

RE: Final Engineering Report
 Southwestern Water Project
 Bracken County Water District
 HMB # 99403

Dear Mr. Howe:

As you know, the above referenced project was bid December 18, 2003. The low bidder for Contract V, the Water Line Extensions, was R.E. Huber from Maysville, Kentucky. Their bid was \$1,735,211.50. The low bidder for Contract VI, the Pump Station Improvements, was Free Contracting Inc. from Lexington, Kentucky. Their bid was \$595,000.

Following is a summary of the financing and budget for this project:

| | <u>Project Budget:</u> | <u>Letter of Conditions</u> | <u>Current (As Bid)</u> |
|------------------------|------------------------------|-----------------------------|-----------------------------|
| Highway Engineering | Development | \$1,837,000 | \$2,330,211.50 |
| | Land and Rights | \$30,000 | \$30,000.00 |
| Structural Engineering | Legal and Administrative | \$20,000 | \$20,000.00 |
| | Engineering/Inspection | \$231,300 | \$269,300.00 |
| Water & Wastewater | Interest during Construction | \$20,000 | \$20,000.00 |
| | <u>Contingencies</u> | <u>\$151,200</u> | <u>\$224,488.50</u> |
| Site Development | TOTAL PROJECT COST | \$2,289,500 | \$2,894,000.00 |

| | <u>Financing:</u> | <u>Letter of Conditions:</u> | <u>Current (As Bid)</u> |
|-------------------------|------------------------|------------------------------|-----------------------------|
| Right-of-Way | RUS Loan | \$980,000 | \$980,000 |
| Master Planning | RUS Grant | \$772,500 | \$772,500 |
| Environmental Planning | Ky State Grant (20-20) | \$443,500 | \$443,500 |
| | Applicant Contribution | \$93,500 | \$138,000 |
| Surveying | <u>Tobacco Money</u> | <u>\$0</u> | <u>\$560,000</u> |
| Project Management | TOTAL | \$2,289,500 | \$2,894,000 |
| Cost Estimation | | | |
| Construction Inspection | | | |

Aviation Services
 Environmental Remediation
 Landscape Architecture



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

Mr. Elwood Howe
 December 19, 2003
 Page 2

Attached find a copy of the Bid Tabulation for the project.

It appears the project can be completed within the available funding; therefore, we are recommend these contracts be approved and allowed to go forward. Please contact us if there are any questions.

Very Truly Yours,

HMB PROFESSIONAL ENGINEERS, INC.

Jeff Reynolds, P.E.

Enclosures

cc: Eddie Chinn, BCWD
 Randy Jones, Bond Council

Highway Engineering

Structural Engineering

Water & Wastewater

Site Development

Right-of-Way

Master Planning

Environmental Planning

Surveying

Project Management

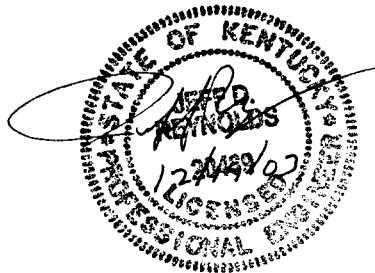
Cost Estimation

Construction Inspection

Aviation Services

Environmental Remediation

Landscape Architecture



Bid Tabulation
 Southwestern Bracken County Water Project
 Bracken County Water District
 Contract V
 December 18, 2003

| ITEM | QUANTITY | UNIT | R.E. Huber Construction, Inc. | | Kenny, Inc. | | D.F. Bailey, Inc. | | Laurel Construction Company Inc. | |
|--|----------|------|-------------------------------|--------------|-------------|--------------|-------------------|--------------|----------------------------------|--------------|
| | | | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 18" D.I. Class 350 Pipe Furnishing, Trenching, Laying and Backfill. (Unclassified Excavation) | 230 | L.F. | \$13.00 | \$2,990.00 | \$16.00 | \$3,680.00 | \$16.14 | \$3,712.20 | \$18.00 | \$4,140.00 |
| 28" PVC, Class 250 Pipe, SDR-17 Furnishing, Laying and Backfill. (Unclassified Excavation) | 4,550 | L.F. | \$7.65 | \$34,807.50 | \$9.75 | \$44,362.50 | \$9.84 | \$44,772.00 | \$11.00 | \$50,050.00 |
| 38" PVC, Class 200 Pipe, SDR-21 Furnishing, Laying and Backfill. (Unclassified Excavation) | 49,600 | L.F. | \$6.75 | \$334,800.00 | \$8.00 | \$396,800.00 | \$8.56 | \$424,576.00 | \$10.50 | \$520,800.00 |
| 46" D.I. Class 350 Pipe Furnishing, Trenching, Laying and Backfill. (Unclassified Excavation) | 5,650 | L.F. | \$9.50 | \$53,675.00 | \$13.75 | \$77,687.50 | \$13.19 | \$74,523.50 | \$14.00 | \$79,100.00 |
| 56" PVC, Class 200 Pipe, DR-14 AWWA C-900 Furnishing, Trenching, Laying and Backfill. (Unclassified Excavation) | 5,500 | L.F. | \$6.36 | \$34,980.00 | \$7.75 | \$42,625.00 | \$8.08 | \$44,440.00 | \$10.00 | \$55,000.00 |
| 66" PVC, Class 250 Pipe, SDR-17 Furnishing, Laying and Backfill. (Unclassified Excavation) | 2,200 | L.F. | \$5.63 | \$12,386.00 | \$6.30 | \$13,860.00 | \$7.10 | \$15,620.00 | \$9.70 | \$21,340.00 |
| 76" PVC, Class 200 Pipe, SDR-21 Furnishing, Laying and Backfill. (Unclassified Excavation) | 104,000 | L.F. | \$5.00 | \$520,000.00 | \$5.20 | \$540,800.00 | \$6.33 | \$658,320.00 | \$9.50 | \$988,000.00 |
| 84" D.I. Class 350 Pipe Furnishing, Trenching, Laying and Backfill. (Unclassified Excavation) | 2,800 | L.F. | \$9.95 | \$27,860.00 | \$13.60 | \$38,080.00 | \$12.34 | \$34,552.00 | \$14.00 | \$39,200.00 |
| 94" PVC, Class 200 Pipe, DR-14 AWWA C-900 Furnishing, Trenching, Laying and Backfill. (Unclassified Excavation) | 4,000 | L.F. | \$4.68 | \$18,720.00 | \$4.50 | \$18,000.00 | \$5.23 | \$20,920.00 | \$8.00 | \$32,000.00 |
| 104" PVC, Class 200 Pipe, SDR-21 Furnishing, Laying and Backfill. (Unclassified Excavation) | 70,500 | L.F. | \$3.91 | \$275,655.00 | \$3.50 | \$246,750.00 | \$4.42 | \$311,610.00 | \$7.25 | \$511,125.00 |
| 114" Steel Cover Pipe, Furnishing and Installing Under State and County Maintained Roads, Including Unclassified Boring and/or Jacking. (Water Pipe Not Included) | 180 | L.F. | \$53.00 | \$9,540.00 | \$95.00 | \$17,100.00 | \$88.10 | \$15,858.00 | \$120.00 | \$21,600.00 |
| 1212" Steel Cover Pipe, Furnishing and Installing Under State and County Maintained Roads, Including Unclassified Boring and/or Jacking. (Water Pipe Not Included) | 550 | L.F. | \$45.00 | \$24,750.00 | \$83.00 | \$45,650.00 | \$79.49 | \$43,719.50 | \$100.00 | \$55,000.00 |
| 138" Steel Cover Pipe, Furnishing and Installing Under State and County Maintained Roads, Including Unclassified Boring and/or Jacking. (Water Pipe Not Included) | 260 | L.F. | \$38.00 | \$9,880.00 | \$78.00 | \$20,280.00 | \$66.95 | \$17,407.00 | \$90.00 | \$23,400.00 |
| 1414" PVC Casing Pipe. (Water Pipe Not Included) | 60 | L.F. | \$21.00 | \$1,260.00 | \$29.50 | \$1,770.00 | \$39.33 | \$2,359.80 | \$60.00 | \$3,600.00 |
| 1512" PVC Casing Pipe. (Water Pipe Not Included) | 80 | L.F. | \$14.50 | \$1,160.00 | \$26.00 | \$2,080.00 | \$31.04 | \$2,483.20 | \$50.00 | \$4,000.00 |
| 168" PVC Casing Pipe. (Water Pipe Not Included) | 40 | L.F. | \$10.75 | \$430.00 | \$21.50 | \$860.00 | \$28.60 | \$1,144.00 | \$40.00 | \$1,600.00 |

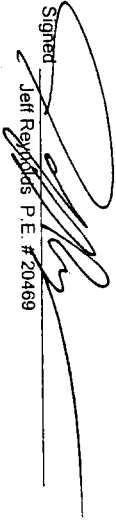
Bid Tabulation
 South+Western Bracken County Water Project
 Bracken County Water District
 Contract V
 December 18, 2003

| ITEM | QUANTITY | UNIT | R.E. Huber Construction, Inc. | | Kenny, Inc. | | D.F. Bailey, Inc. | | Laurel Construction Company Inc. | |
|--|----------|------|-------------------------------|-------------|-------------|-------------|-------------------|-------------|----------------------------------|-------------|
| | | | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 17 8" Unclassified Bore and/or Jack under improved surfaces, including driveways no casing required (Water Pipe Not Included) | 100 | L.F. | \$23.00 | \$2,300.00 | \$65.00 | \$6,500.00 | \$37.81 | \$3,781.00 | \$50.00 | \$5,000.00 |
| 18 6" Unclassified Bore and/or Jack under improved surfaces, including driveways no casing required (Water Pipe Not Included) | 200 | L.F. | \$23.00 | \$4,600.00 | \$62.00 | \$12,400.00 | \$33.09 | \$6,618.00 | \$45.00 | \$9,000.00 |
| 19 4" Unclassified Bore and/or Jack under improved surfaces, including driveways no casing required (Water Pipe Not Included) | 200 | L.F. | \$15.00 | \$3,000.00 | \$60.00 | \$12,000.00 | \$28.36 | \$5,672.00 | \$40.00 | \$8,000.00 |
| 20 8" C.I.AWWA N.R.S. Gate Valve and Box Concrete pad, Complete in Place | 25 | Ea. | \$622.00 | \$15,550.00 | \$665.00 | \$16,625.00 | \$629.16 | \$15,729.00 | \$500.00 | \$12,500.00 |
| 21 6" C.I.AWWA N.R.S. Gate Valve and Box Concrete pad, Complete in Place | 48 | Ea. | \$463.00 | \$22,224.00 | \$465.00 | \$22,320.00 | \$425.20 | \$20,409.60 | \$370.00 | \$17,760.00 |
| 22 4" C.I.AWWA N.R.S. Gate Valve and Box Concrete pad, Complete in Place | 34 | Ea. | \$370.00 | \$12,580.00 | \$365.00 | \$12,410.00 | \$338.11 | \$11,495.74 | \$320.00 | \$10,880.00 |
| 23 3" C.I.AWWA N.R.S. Gate Valve and Box Concrete pad, Complete in Place | 4 | Ea. | \$313.50 | \$1,254.00 | \$310.00 | \$1,240.00 | \$314.41 | \$1,257.64 | \$300.00 | \$1,200.00 |
| 24 Customer Services with 5/8" Meter, Pressure Regulator, Tandem Copper Sella, Meter Box, Lid, Opposite Side of Road as Main, 70 ft. Service Tubing (Max.) | 85 | Ea. | \$725.00 | \$61,625.00 | \$850.00 | \$72,250.00 | \$623.79 | \$53,022.15 | \$780.00 | \$66,300.00 |
| 25 Customer Services with 5/8" Meter, Pressure Regulator, Tandem Copper Sella, Meter Box, Lid, Same Side of Road as Main, 10 ft. Service Tubing (Max.) | 85 | Ea. | \$545.00 | \$46,325.00 | \$425.00 | \$36,125.00 | \$420.44 | \$35,737.40 | \$450.00 | \$38,250.00 |
| 26 Customer Services with 5/8" Meter, Coppseller, Meter Box, Lid, Opposite Side of Road, 70 ft. Service Tubing (Max.) | 30 | Ea. | \$685.00 | \$20,550.00 | \$825.00 | \$24,750.00 | \$560.08 | \$16,802.40 | \$700.00 | \$21,000.00 |
| 27 Customer Services with 5/8" Meter, Coppseller, Meter Box, Lid, Same Side of Road, 10 ft. Service Tubing (Max.) | 30 | Ea. | \$460.00 | \$13,800.00 | \$390.00 | \$11,700.00 | \$356.73 | \$10,701.90 | \$400.00 | \$12,000.00 |
| 28 Existing Service Connection to Proposed Line, Opposite Side of Road as Main, 70 ft. Service Tubing (Max.) | 34 | Ea. | \$400.00 | \$13,600.00 | \$590.00 | \$20,060.00 | \$480.75 | \$16,345.50 | \$500.00 | \$17,000.00 |
| 29 Existing Service Connection to Proposed Line, Same Side of Road as Main, 10 ft. Service Tubing (Max.) | 20 | Ea. | \$250.00 | \$5,000.00 | \$370.00 | \$7,400.00 | \$293.16 | \$5,863.20 | \$200.00 | \$4,000.00 |
| 30 Additional 3/4" P.E. Service Tubing, Furnishing, Laying, Trenching and Backfilling Where required in Addition to Maximum Lengths, Include 24 through 29 | 5,000 | L.F. | \$2.30 | \$11,500.00 | \$3.35 | \$16,750.00 | \$4.96 | \$24,800.00 | \$4.00 | \$20,000.00 |
| 31 8" Type "B" Creek Crossing Including Fittings, Concrete Casing, Casing Pipe, Complete in Place as shown on the Detail Sheet | 20 | L.F. | \$30.00 | \$600.00 | \$60.00 | \$1,200.00 | \$77.50 | \$1,550.00 | \$70.00 | \$1,400.00 |
| 32 6" Type "B" Creek Crossing Including Fittings, Concrete Casing, Casing Pipe, Complete in Place as shown on the Detail Sheet | 225 | L.F. | \$30.00 | \$6,750.00 | \$53.00 | \$11,925.00 | \$62.21 | \$13,997.25 | \$60.00 | \$13,500.00 |

Bid Tabulation
 Southwestern Bracken County Water Project
 Bracken County Water District
 Contract V
 December 18, 2003

| ITEM | QUANTITY | UNIT | R.E. Huber Construction, Inc. | | Kenny, Inc. | | D. F. Bailey Inc. | | Lauvel Construction Company, Inc. | |
|--|----------|------|-------------------------------|-----------------------|-------------|-----------------------|-------------------|-----------------------|-----------------------------------|-----------------------|
| | | | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 33 4" Type "B" Creek Crossing Including Fittings, Concrete Casing, Casing Pipe, Complete in Place as shown on the Detail Sheet | 120 | L.F. | \$30.00 | \$3,600.00 | \$38.00 | \$4,560.00 | \$50.83 | \$6,099.60 | \$40.00 | \$4,800.00 |
| 34 3 Nozzle Fire Hydrant Assembly, Including Tee, Valve, Valve Box, Mechanical Joint Anchoring, Pipe and Fittings, Complete in Place | 13 | Ea. | \$1,975.00 | \$25,675.00 | \$2,065.00 | \$26,845.00 | \$2,125.91 | \$27,636.83 | \$1,500.00 | \$19,500.00 |
| 35 Single Nozzle Blowoff Hydrant Assembly, Including Tee, Valve, Valve Box, Mechanical Joint, Anchoring, Pipe and Fittings, Complete in Place | 19 | Ea. | \$1,240.00 | \$23,560.00 | \$1,725.00 | \$32,775.00 | \$1,175.76 | \$22,339.44 | \$1,100.00 | \$20,900.00 |
| 36 Blowoff Assembly, Including Valve, Piping, Concrete etc. Complete in Place as shown on the detail sheet | 1 | Ea. | \$825.00 | \$825.00 | \$915.00 | \$915.00 | \$587.38 | \$587.38 | \$1,000.00 | \$1,000.00 |
| 37 Automatic Air Release Valve Assembly and Box, Complete in Place | 28 | Ea. | \$800.00 | \$22,400.00 | \$660.00 | \$18,200.00 | \$327.36 | \$9,166.08 | \$300.00 | \$8,400.00 |
| 38 Crushed Stone on trench, full depth on driveways, roadway crossing and streets | 5,000 | L.F. | \$6.00 | \$30,000.00 | \$8.50 | \$42,500.00 | \$7.20 | \$36,000.00 | \$8.00 | \$40,000.00 |
| 39 Bituminous Paving Replacement on State Maintained roads, streets and driveways, Including gravel backfill | 500 | L.F. | \$8.00 | \$4,000.00 | \$20.00 | \$10,000.00 | \$27.75 | \$13,875.00 | \$14.00 | \$7,000.00 |
| 40 Concrete Paving Replacement, 6" thick, Including gravel backfill | 200 | L.F. | \$8.00 | \$1,600.00 | \$28.00 | \$5,600.00 | \$37.65 | \$7,530.00 | \$18.00 | \$3,600.00 |
| 41 Flowable Fill Concrete, including sand and flowable backfill as shown on detail sheet and described in specifications (Bit. Replacement not included) | 2,000 | L.F. | \$8.00 | \$16,000.00 | \$21.50 | \$43,000.00 | \$21.44 | \$42,880.00 | \$16.00 | \$32,000.00 |
| 42 Valve Vault including but not limited to check valve, piping, fitting, manhole and Lid as shown on plans, complete in place | | L.S. | \$3,400.00 | \$3,400.00 | \$9,500.00 | \$9,500.00 | \$10,293.20 | \$10,293.20 | \$8,000.00 | \$8,000.00 |
| BID TOTAL | | | | \$1,735,211.50 | | \$1,989,935.00 | | \$2,136,207.51 | | \$2,812,945.00 |

This is to state that the above is an accurate tabulation of bids received on December 18, 2003 by the Bracken County Water District for Contract V of the Southwestern Bracken County Water Project-B49.

Signed

 Jeff Reynolds P.E. # 20469

Bid Tabulation
Southwestern Bracken County Water Project
Bracken County Water District
Contract VI
December 18, 2003

| ITEM | QUANTITY | UNIT | Free Contracting, Inc. | | Kenney, Inc. | |
|---|----------|------|------------------------|----------------------|---------------|----------------------|
| | | | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 1. A 250,000 gallon reservoir and pump station including building, foundation, site preparation, excavation, pumps, electrical and all appurtenances as shown on plans and specifications, complete in place. | 1 | LS | \$ 596,000.00 | \$ 596,000.00 | \$ 650,000.00 | \$ 650,000.00 |
| TOTAL BID PRICE | | | | \$ 596,000.00 | | \$ 650,000.00 |

This is to state that the above is an accurate tabulation of bids received on
 December 18, 2003 by the Bracken County Water District for Contract VI of the
 Southwestern Bracken County Water Project.

Signed 
 Jeff Reynolds P.E. # 20469

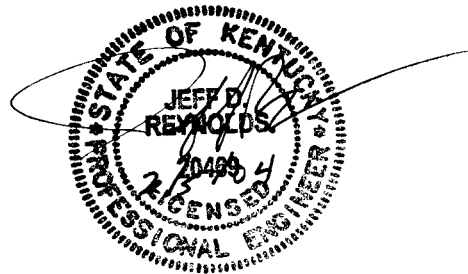
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**PUBLIC SERVICE
COMMISSION**

PRELIMINARY ENGINEERING REPORT
SOUTHWESTERN BRACKEN COUNTY WATER PROJECT
BRACKEN COUNTY WATER DISTRICT
BRACKEN COUNTY, KENTUCKY

FEBRUARY, 1999



Prepared By:
HAWORTH, MEYER & BOLEYN, INC.
3 HMB CIRCLE
FRANKFORT, KENTUCKY
502-695-9800
502-695-9810-FAX

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Appendices

Appendix A - Project Maps

Appendix B - Rural Development Summary/Addendum

I. SUMMARY

The Bracken County Water District (BCWD) proposes to improve service to existing customers and extend water service to areas of rural Bracken County in need of safe potable water. This will be accomplished by upgrading existing water line and extending water lines into the areas of Bracken County along the following roads (see Table 1 for Analysis by Road):

- | | |
|----------------------------|-------------------|
| -8" Cross Country Line | -Stump Road |
| -New Zion Road | -Salem Ridge Road |
| -Forest Hills Road | -Hilton Road |
| -Haley Ridge Road | -KY 1951 |
| -Cook Ridge Road | -B. Wilson Road |
| -Kelly Ridge Road | -KY 10 Upgrade |
| -KY 539 | -Belmont Road |
| -KY 539 (Near Belmont Rd.) | -L. Jacobs Road |
| -Brownings Corner Road | |

This Engineering Report outlines in detail the extent of the proposed project. The proposed project consists of:

- 1 - 200 gpm booster pump station
- 1 - radio telemetry
- 2.40 miles - 8" water line & appurtenances
- 17.8 miles - 6" water line & appurtenances
- 23.4 miles - 4" water line & appurtenances
- 187 new customers (estimated 80% sign up)

Preliminary construction cost estimates for the proposed project are summarized in Tables 2 through 20. Financing for the proposed project shall be in the form of a Rural Development Loan of \$923,500.00, Rural Development Grant of \$755,700.00, \$300,000.00 local funds and \$ 93,500.00* in tap fees.

* \$93,500 contribution based on 234 potential customers x 80% = 187 customers x \$500 = \$93,500.00.

TABLE 1
BRACKEN COUNTY WATER DISTRICT
ANALYSIS BY ROAD

| ROAD/AREA | ESTIMATED CONSTRUCTION COST | POTENTIAL CUSTOMERS | ESTIMATED CUSTOMERS (80%) | MILES OF ROAD | POTENTIAL CUST./MILE | CONSTRUCTION COST/MILE |
|---------------------------|-----------------------------------|------------------------|---------------------------------|------------------|-------------------------|---------------------------|
| 8" CROSS COUNTRY LINE | \$224,200 (1) | 0 | 0 | 2.46 | 0.0 | \$91,138 |
| NEW ZION ROAD | \$135,450 | 27 | 22 | 3.8 | 7.1 | \$35,645 |
| FOREST HILL ROAD | \$83,450 | 17 | 14 | 2.71 | 6.3 | \$30,793 |
| HALEY RIDGE ROAD | \$138,350 (2) | 16 | 13 | 4.11 | 3.9 | \$33,662 |
| COOK RIDGE ROAD | \$73,200 | 6 | 5 | 2.61 | 2.3 | \$28,046 |
| KELLY RIDGE ROAD | \$60,200 | 11 | 9 | 2.01 | 5.5 | \$29,950 |
| KY 539 | \$221,700 (2) | 36 | 28 | 5.7 | 6.3 | \$38,895 |
| BROWNINGS CORNER ROAD | \$39,950 | 9 | 7 | 1.21 | 7.4 | \$33,017 |
| STUMP ROAD | \$35,700 | 6 | 5 | 1.1 | 5.5 | \$32,455 |
| SALEM RIDGE ROAD | \$76,700 | 13 | 10 | 2.08 | 6.3 | \$36,875 |
| HILTON ROAD | \$23,600 | 7 | 6 | 0.7 | 10.0 | \$33,714 |
| KY 1951 | \$53,950 | 14 | 12 | 1.14 | 12.3 | \$47,325 |
| B. WILSON ROAD | \$16,450 | 1 | 1 | 0.59 | 1.7 | \$27,881 |
| KY 10 - UPGRADE | \$21,850 (2) | 0 | 0 | 0.4 | 0.0 | \$54,625 |
| BELMONT ROAD | \$169,900 | 19 | 14 | 4.73 | 4.0 | \$35,920 |
| L. JACOBS ROAD | \$21,450 | 8 | 6 | 0.7 | 11.4 | \$30,643 |
| MATTOX ROAD | \$56,850 | 5 | 4 | 2 | 2.5 | \$28,425 |
| KY 539 (NEAR BELMONT RD.) | \$69,000 | 11 | 9 | 1.5 | 7.3 | \$46,000 |
| CHANEY ROAD | <u>\$139,200</u> | <u>28</u> | <u>22</u> | <u>3.79</u> | <u>7.4</u> | <u>\$36,728</u> |
| TOTAL | \$1,661,150 | 234 | 187 | 43.34 | <u>5.4</u> | \$38,328 |

Notes:

- (1) Includes cost of pump station and telemetry
- (2) Includes cost of upgrading existing water line

II INTRODUCTION

This Preliminary Engineering Report will examine the proposed Southwestern Bracken County Water Project by the Bracken County Water District. This proposed project should improve water service to existing customers which experience very low pressures and it will help eliminate existing health and sanitation hazards with regard to potable water for those persons currently living in the proposed service area.

With the availability of potable water to this area, both single family and multiple family dwellings are possible. With these possibilities, the future growth of the job market will in turn help the community improve its economic status.

III. EXISTING WATER SYSTEM

The Bracken County Water District (BCWD) is comprised of approximately 136 miles of water line ranging in sizes from 2 inch to 10 inch and consists of 4 water storage tanks (2-elevated & 2-standpipes). The water storage tanks have a combined capacity of 555,000 gallons. The BCWD supplies approximately 1,500 customers and the City of Brooksville with potable water. It utilizes a 350 gpm booster pump station to pump water from the clearwell into the system. The BCWD also utilizes a 70 gpm pump station to supply the western portion of the system.

The BCWD owns 65 percent of the Augusta Water Treatment Plant (WTP), which is operated by the City of Augusta. The WTP obtains its raw water from 4 wells located near Augusta. The WTP has a capacity of 1.4 MGD. At present, the WTP operates at an average of 0.8 MGD, which is 57 percent of capacity. Even though the BCWD owns a majority of the WTP, they still purchase water from the City of Augusta for \$1.09/1000 gallons.

IV NEED FOR PROJECT

A. The Existing Service Area

The western section of the BCWD, approximately 500 customers, is served by an existing 70 gpm pump station located along Cumminsville Road. This existing pump station pumps approximately 24 hours a day and still can not meet the demand of the system causing the water level in the existing 125,000 gallon Berlin Water Storage

Tank to drop. More than half of the 500 customers experience pressures less than the 30 psi required by Division of Water. According to Eddie Chinn, the superintendent for the Bracken County Water District, during peak demands some customers experience 0 psi pressure and are unable to get water. The Division of Water is aware this situation and has threatened to serve a notice of violation. At present, the DOW is conducting pressure tests in the areas of low pressure to determine the extent of the problem.

Another situation, which needs to be addressed, is the small diameter water lines. Much of the existing system is composed of small diameter water lines, mainly 2 and 3 inch. These small diameter lines restrict the flow and limit the service which can be provided to the existing customers. They also prevent the BCWD from extending water service to other rural areas of Bracken County which are need of safe potable water.

B. Proposed Service Area

Presently, the water needs of residents in the proposed service area are supplied by wells and cisterns. The use of wells and cisterns is not only a great inconvenience, but also raises concerns on health issues. Untreated water poses a risk for waterborne diseases. Public water supply in the proposed service area would significantly reduce any health related issues caused by contaminated water.

V. THE PROPOSED PROJECT

The BCWD proposes to improve service to its existing customers in the western section of the county by installing a 200 gpm booster pump station near KY 1159 (see Appendix A Project Maps). This will eliminate the need for the existing 70 gpm pump station. The proposed pump station will utilize a proposed 8" water line that will extend cross country from KY 1159 along McCarty Road and Cumminsville Road to KY 10 near Berlin (see Appendix A Project Maps). The proposed pump station and 8" water line should enable the existing Berlin water storage tank to remain full and prevent existing customers from experiencing low pressure problems.

With the addition of the proposed pump station and 8" water line, the BCWD will be able to extend water service to rural areas of western Bracken County that are in need of safe potable water. The proposed water project will serve approximately 217

potential customers along the following roads: New Zion Road, Forest Hills Road, Haley Ridge Road, Cook Ridge Road, Kelly Ridge Road, KY 539, Brownings Corner Road, Stump Road, Salem Ridge Road, KY 539 (near Belmont Rd.), Hilton Road, KY 1951, B. Wilson Road, Belmont Road, L. Jacobs Roads, Mattox Road and Chaney Road (see Appendix A Project Maps). Many farms in the project area have been divided into lots, which will greatly increase the number of potential customers and the need for potable water. To adequately serve the project area some of the existing small diameter water line along Haley Ridge Road, KY 539, and KY10 will need to be upgraded. A general breakdown of the project by road is shown on Table 1. The proposed project will require approximately 43 miles of water line ranging in size from 4" to 8" in diameter. The capacity of the Augusta WTP should easily supply the additional water demand caused by this project.

VI. COST SUMMARY

Tables 2 through 20 summarize the estimated construction cost for the project. Table 21 shows the estimated project cost.

**TABLE 2
ESTIMATED CONSTRUCTION COST
8" CROSS COUNTRY WATER LINE**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|-------------|---------------------|
| 8" SDR-21 WATER LINE | 11,500 | L.F. | \$8.00 | \$92,000.00 |
| 8" C-900 WATER LINE | 1,500 | L.F. | \$9.00 | \$13,500.00 |
| 8" GATE VALVE | 6 | EA. | \$600.00 | \$3,600.00 |
| 14" ROAD BORE | 80 | L.F. | \$70.00 | \$5,600.00 |
| AIR RELEASE VALVE | 4 | EA. | \$450.00 | \$1,800.00 |
| CUST. SERVICE (SAME) | 3 | EA. | \$400.00 | \$1,200.00 |
| CUST. SERVICE (OPP.) | 4 | EA. | \$500.00 | \$2,000.00 |
| CREEK CROSSING | 40 | L.F. | \$50.00 | \$2,000.00 |
| CONNECTION TO EXIST. SYSTEM | 3 | EA. | \$1,000.00 | \$3,000.00 |
| BIT. REPLACEMENT | 50 | L.F. | \$40.00 | \$2,000.00 |
| CRUSHED STONE | 500 | L.F. | \$5.00 | \$2,500.00 |
| BOOSTER PUMP STATION | 1 | EA. | \$65,000.00 | \$65,000.00 |
| TELEMETRY | 1 | EA. | \$30,000.00 | \$30,000.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$224,200.00 |

**TABLE 3
ESTIMATED CONSTRUCTION COST
KELLY ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 10,600 | L.F. | \$4.50 | \$47,700.00 |
| 4" GATE VALVE | 4 | EA. | \$400.00 | \$1,600.00 |
| 8" ROAD BORE | 70 | L.F. | \$50.00 | \$3,500.00 |
| AIR RELEASE VALVE | 2 | EA. | \$450.00 | \$900.00 |
| CUST. SERVICE (SAME) | 5 | EA. | \$400.00 | \$2,000.00 |
| CUST. SERVICE (OPP.) | 4 | EA. | \$500.00 | \$2,000.00 |
| CONNECTION TO EXIST. SYSTEM | 1 | EA. | \$1,000.00 | \$1,000.00 |
| BIT. REPLACEMENT | 25 | L.F. | \$40.00 | \$1,000.00 |
| CRUSHED STONE | 100 | L.F. | \$5.00 | \$500.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$60,200.00 |

**TABLE 4
ESTIMATED CONSTRUCTION COST
COOK RIDGE (LONE OAK) ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 13,800 | L.F. | \$4.50 | \$62,100.00 |
| 4" GATE VALVE | 5 | EA. | \$400.00 | \$2,000.00 |
| 8" ROAD BORE | 70 | L.F. | \$50.00 | \$3,500.00 |
| AIR RELEASE VALVE | 2 | EA. | \$450.00 | \$900.00 |
| CUST. SERVICE (SAME) | 3 | EA. | \$400.00 | \$1,200.00 |
| CUST. SERVICE (OPP.) | 2 | EA. | \$500.00 | \$1,000.00 |
| CONNECTION TO EXIST. SYSTEM | 1 | EA. | \$1,000.00 | \$1,000.00 |
| BIT. REPLACEMENT | 25 | L.F. | \$40.00 | \$1,000.00 |
| CRUSHED STONE | 100 | L.F. | \$5.00 | \$500.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$73,200.00 |

**TABLE 5
ESTIMATED CONSTRUCTION COST
FOREST HILL ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 14,300 | L.F. | \$4.50 | \$64,350.00 |
| 4" GATE VALVE | 5 | EA. | \$400.00 | \$2,000.00 |
| 8" ROAD BORE | 75 | L.F. | \$50.00 | \$3,750.00 |
| AIR RELEASE VALVE | 3 | EA. | \$450.00 | \$1,350.00 |
| CUST. SERVICE (SAME) | 7 | EA. | \$400.00 | \$2,800.00 |
| CUST. SERVICE (OPP.) | 7 | EA. | \$500.00 | \$3,500.00 |
| CONNECTION TO EXIST. SYSTEM | 1 | EA. | \$1,000.00 | \$1,000.00 |
| BIT. REPLACEMENT | 50 | L.F. | \$40.00 | \$2,000.00 |
| CRUSHED STONE | 300 | L.F. | \$5.00 | \$1,500.00 |
| BLOWOFF HYDRANT | 1 | EA. | \$1,200.00 | \$1,200.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$83,450.00 |

TABLE 6
ESTIMATED CONSTRUCTION COST
BROWNINGS CORNER ROAD
(FROM KY 539 TO BACHELORS REST)

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|-------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 6,400 | L.F. | \$4.50 | \$28,800.00 |
| 4" GATE VALVE | 3 | EA. | \$400.00 | \$1,200.00 |
| 8" ROAD BORE | 70 | L.F. | \$50.00 | \$3,500.00 |
| AIR RELEASE VALVE | 1 | EA. | \$450.00 | \$450.00 |
| CUST. SERVICE (SAME) | 4 | EA. | \$400.00 | \$1,600.00 |
| CUST. SERVICE (OPP.) | 3 | EA. | \$500.00 | \$1,500.00 |
| BIT. REPLACEMENT | 30 | L.F. | \$40.00 | \$1,200.00 |
| CRUSHED STONE | 100 | L.F. | \$5.00 | \$500.00 |
| BLOWOFF HYDRANT | 1 | EA. | \$1,200.00 | \$1,200.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$39,950.00 |

**TABLE 7
ESTIMATED CONSTRUCTION COST
STUMP ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|-------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 5,800 | L.F. | \$4.50 | \$26,100.00 |
| 4" GATE VALVE | 2 | EA. | \$400.00 | \$800.00 |
| 8" ROAD BORE | 70 | L.F. | \$50.00 | \$3,500.00 |
| AIR RELEASE VALVE | 1 | EA. | \$450.00 | \$450.00 |
| CUST. SERVICE (SAME) | 3 | EA. | \$400.00 | \$1,200.00 |
| CUST. SERVICE (OPP.) | 2 | EA. | \$500.00 | \$1,000.00 |
| BIT. REPLACEMENT | 20 | L.F. | \$40.00 | \$800.00 |
| CRUSHED STONE | 100 | L.F. | \$5.00 | \$500.00 |
| BLOWOFF HYDRANT | 1 | EA. | \$1,200.00 | \$1,200.00 |
| INDIVIDUAL PRV | 3 | EA. | \$50.00 | \$150.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$35,700.00 |

**TABLE 8
ESTIMATED CONSTRUCTION COST
HALEY RIDGE ROAD**

(UPGRADE EXISTING 3" WATER LINE)

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|-------|------|------------|--------------------|
| 6" SDR-21 WATER LINE | 7,400 | L.F. | \$5.50 | \$40,700.00 |
| 6" GATE VALVE | 3 | EA. | \$500.00 | \$1,500.00 |
| 12" ROAD BORE | 70 | L.F. | \$60.00 | \$4,200.00 |
| AIR RELEASE VALVE | 1 | EA. | \$450.00 | \$450.00 |
| CONNECTION TO EXIST. SYSTEM | 2 | EA. | \$1,000.00 | \$2,000.00 |
| BIT. REPLACEMENT | 50 | L.F. | \$40.00 | \$2,000.00 |
| CRUSHED STONE | 100 | L.F. | \$5.00 | \$500.00 |
| RECONNECTION TO NEW LINE | 10 | EA. | \$100.00 | \$1,000.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$52,350.00 |

PROPOSED WATER LINE EXTENSION

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 13,300 | L.F. | \$4.50 | \$59,850.00 |
| 4" C-900 WATER LINE | 1,000 | L.F. | \$5.50 | \$5,500.00 |
| 4" GATE VALVE | 5 | EA. | \$400.00 | \$2,000.00 |
| 8" ROAD BORE | 100 | L.F. | \$50.00 | \$5,000.00 |
| AIR RELEASE VALVE | 3 | EA. | \$450.00 | \$1,350.00 |
| CUST. SERVICE (SAME) | 7 | EA. | \$400.00 | \$2,800.00 |
| CUST. SERVICE (OPP.) | 6 | EA. | \$500.00 | \$3,000.00 |
| BIT. REPLACEMENT | 50 | L.F. | \$40.00 | \$2,000.00 |
| CRUSHED STONE | 200 | L.F. | \$5.00 | \$1,000.00 |
| CONNECTION TO EXIST. SYSTEM | 2 | EA. | \$1,000.00 | \$2,000.00 |
| CREEK CROSSING | 30 | L.F. | \$50.00 | \$1,500.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$86,000.00 |

TOTAL ESTIMATED CONSTRUCTION COST

\$138,350.00

**TABLE 9
ESTIMATED CONSTRUCTION COST
NEW ZION ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|------------|---------------------|
| 6" SDR-21 WATER LINE | 20,000 | L.F. | \$5.50 | \$110,000.00 |
| 6" GATE VALVE | 7 | EA. | \$500.00 | \$3,500.00 |
| 12" ROAD BORE | 80 | L.F. | \$60.00 | \$4,800.00 |
| AIR RELEASE VALVE | 3 | EA. | \$450.00 | \$1,350.00 |
| CUST. SERVICE (SAME) | 11 | EA. | \$400.00 | \$4,400.00 |
| CUST. SERVICE (OPP.) | 11 | EA. | \$500.00 | \$5,500.00 |
| BIT. REPLACEMENT | 30 | L.F. | \$40.00 | \$1,200.00 |
| CRUSHED STONE | 500 | L.F. | \$5.00 | \$2,500.00 |
| CONNECTION TO EXIST. SYSTEM | 1 | EA. | \$1,000.00 | \$1,000.00 |
| BLOWOFF HYDRANT | 1 | EA. | \$1,200.00 | \$1,200.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$135,450.00 |

**TABLE 10
ESTIMATED CONSTRUCTION COST
KY 539**

(UPGRADE EXISTING 3" WATER LINE FROM KY 22 TO MATTOX ROAD)

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|-------|------|------------|--------------------|
| 6" SDR-21 WATER LINE | 4,500 | L.F. | \$5.50 | \$24,750.00 |
| 6" GATE VALVE | 2 | EA. | \$500.00 | \$1,000.00 |
| 12" ROAD BORE | 80 | L.F. | \$60.00 | \$4,800.00 |
| AIR RELEASE VALVE | 1 | EA. | \$450.00 | \$450.00 |
| BIT. REPLACEMENT | 30 | L.F. | \$40.00 | \$1,200.00 |
| CRUSHED STONE | 100 | L.F. | \$5.00 | \$500.00 |
| CONNECTION TO EXIST. SYSTEM | 1 | EA. | \$1,000.00 | \$1,000.00 |
| RECONNECTION TO NEW LINE | 5 | EA. | \$150.00 | \$750.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$34,450.00 |

PROPOSED WATER LINE EXTENSION TO CHANEY ROAD

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|------------|---------------------|
| 6" SDR-21 WATER LINE | 18,500 | L.F. | \$5.50 | \$101,750.00 |
| 6" C-900 WATER LINE | 7,000 | L.F. | \$7.00 | \$49,000.00 |
| 6" GATE VALVE | 10 | EA. | \$500.00 | \$5,000.00 |
| 12" ROAD BORE | 200 | L.F. | \$60.00 | \$12,000.00 |
| AIR RELEASE VALVE | 4 | EA. | \$450.00 | \$1,800.00 |
| CUST. SERVICE (SAME) | 13 | EA. | \$400.00 | \$5,200.00 |
| CUST. SERVICE (OPP.) | 13 | EA. | \$500.00 | \$6,500.00 |
| BIT. REPLACEMENT | 75 | L.F. | \$40.00 | \$3,000.00 |
| CRUSHED STONE | 300 | L.F. | \$5.00 | \$1,500.00 |
| CREEK CROSSING | 30 | L.F. | \$50.00 | \$1,500.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$187,250.00 |

TOTAL ESTIMATED CONSTRUCTION COST

\$221,700.00

**TABLE 11
ESTIMATED CONSTRUCTION COST
SALEM RIDGE ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|------------|--------------------|
| 6" SDR-21 WATER LINE | 11,000 | L.F. | \$5.50 | \$60,500.00 |
| 6" GATE VALVE | 4 | EA. | \$500.00 | \$2,000.00 |
| 12" ROAD BORE | 80 | L.F. | \$60.00 | \$4,800.00 |
| AIR RELEASE VALVE | 2 | EA. | \$450.00 | \$900.00 |
| CUST. SERVICE (SAME) | 5 | EA. | \$400.00 | \$2,000.00 |
| CUST. SERVICE (OPP.) | 5 | EA. | \$500.00 | \$2,500.00 |
| BIT. REPLACEMENT | 50 | L.F. | \$40.00 | \$2,000.00 |
| CRUSHED STONE | 200 | L.F. | \$5.00 | \$1,000.00 |
| CONNECTION TO EXIST. SYSTEM | 1 | EA. | \$1,000.00 | \$1,000.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$76,700.00 |

**TABLE 12
HILTON ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|-------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 3,700 | L.F. | \$4.50 | \$16,650.00 |
| 4" GATE VALVE | 1 | EA. | \$400.00 | \$400.00 |
| 8" ROAD BORE | 40 | L.F. | \$50.00 | \$2,000.00 |
| CUST. SERVICE (SAME) | 3 | EA. | \$400.00 | \$1,200.00 |
| CUST. SERVICE (OPP.) | 3 | EA. | \$500.00 | \$1,500.00 |
| BIT. REPLACEMENT | 10 | L.F. | \$40.00 | \$400.00 |
| CRUSHED STONE | 50 | L.F. | \$5.00 | \$250.00 |
| BLOWOFF HYDRANT | 1 | EA. | \$1,200.00 | \$1,200.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$23,600.00 |

**TABLE 13
ESTIMATED CONSTRUCTION COST
KY 1951**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|-------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 6,000 | L.F. | \$4.50 | \$27,000.00 |
| 4" C-900 WATER LINE | 2,000 | L.F. | \$6.00 | \$12,000.00 |
| 4" GATE VALVE | 3 | EA. | \$400.00 | \$1,200.00 |
| 8" ROAD BORE | 80 | L.F. | \$50.00 | \$4,000.00 |
| AIR RELEASE VALVE | 2 | EA. | \$450.00 | \$900.00 |
| CUST. SERVICE (SAME) | 6 | EA. | \$400.00 | \$2,400.00 |
| CUST. SERVICE (OPP.) | 5 | EA. | \$500.00 | \$2,500.00 |
| BIT. REPLACEMENT | 10 | L.F. | \$40.00 | \$400.00 |
| CRUSHED STONE | 200 | L.F. | \$5.00 | \$1,000.00 |
| BLOWOFF HYDRANT | 1 | EA. | \$1,200.00 | \$1,200.00 |
| INDIVIDUAL PRV | 7 | EA. | \$50.00 | \$350.00 |
| CONNECTION TO EXIST. SYSTEM | 1 | EA. | \$1,000.00 | \$1,000.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$53,950.00 |

**TABLE 14
ESTIMATED CONSTRUCTION COST
B. WILSON ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|-------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 3,100 | L.F. | \$4.50 | \$13,950.00 |
| 4" GATE VALVE | 1 | EA. | \$400.00 | \$400.00 |
| CUST. SERVICE (SAME) | 1 | EA. | \$400.00 | \$400.00 |
| BIT. REPLACEMENT | 10 | L.F. | \$40.00 | \$400.00 |
| CRUSHED STONE | 20 | L.F. | \$5.00 | \$100.00 |
| BLOWOFF HYDRANT | 1 | EA. | \$1,200.00 | \$1,200.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$16,450.00 |

**TABLE 15
ESTIMATED CONSTRUCTION COST
KY 10 UPGRADE**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|-------|------|------------|--------------------|
| 6" SDR-21 WATER LINE | 2,100 | L.F. | \$5.50 | \$11,550.00 |
| 6" GATE VALVE | 2 | EA. | \$500.00 | \$1,000.00 |
| 12" ROAD BORE | 80 | L.F. | \$60.00 | \$4,800.00 |
| BIT. REPLACEMENT | 50 | L.F. | \$40.00 | \$2,000.00 |
| CRUSHED STONE | 100 | L.F. | \$5.00 | \$500.00 |
| CONNECTION TO EXIST. SYSTEM | 2 | EA. | \$1,000.00 | \$2,000.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$21,850.00 |

**TABLE 16
ESTIMATED CONSTRUCTION COST
BELMONT ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|------------|---------------------|
| 6" SDR-21 WATER LINE | 23,000 | L.F. | \$5.50 | \$126,500.00 |
| 6" C-900 WATER LINE | 2,000 | L.F. | \$7.00 | \$14,000.00 |
| 6" GATE VALVE | 9 | EA. | \$500.00 | \$4,500.00 |
| 12" ROAD BORE | 160 | L.F. | \$60.00 | \$9,600.00 |
| AIR RELEASE VALVE | 4 | EA. | \$450.00 | \$1,800.00 |
| CUST. SERVICE (SAME) | 8 | EA. | \$400.00 | \$3,200.00 |
| CUST. SERVICE (OPP.) | 7 | EA. | \$500.00 | \$3,500.00 |
| BIT. REPLACEMENT | 20 | L.F. | \$40.00 | \$800.00 |
| CRUSHED STONE | 1,000 | L.F. | \$5.00 | \$5,000.00 |
| CONNECTION TO EXIST. SYSTEM | 1 | EA. | \$1,000.00 | \$1,000.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$169,900.00 |

**TABLE 17
ESTIMATED CONSTRUCTION COST
L. JACOBS ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|-------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 3,700 | L.F. | \$4.50 | \$16,650.00 |
| 4" GATE VALVE | 1 | EA. | \$400.00 | \$400.00 |
| CUST. SERVICE (SAME) | 3 | EA. | \$400.00 | \$1,200.00 |
| CUST. SERVICE (OPP.) | 3 | EA. | \$500.00 | \$1,500.00 |
| CRUSHED STONE | 100 | L.F. | \$5.00 | \$500.00 |
| BLOWOFF HYDRANT | 1 | EA. | \$1,200.00 | \$1,200.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$21,450.00 |

**TABLE 18
ESTIMATED CONSTRUCTION COST
MATTOX ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|------------|--------------------|
| 4" SDR-21 WATER LINE | 10,500 | L.F. | \$4.50 | \$47,250.00 |
| 4" GATE VALVE | 3 | EA. | \$400.00 | \$1,200.00 |
| 8" ROAD BORE | 80 | L.F. | \$60.00 | \$4,800.00 |
| AIR RELEASE VALVE | 2 | EA. | \$450.00 | \$900.00 |
| CUST. SERVICE (SAME) | 2 | EA. | \$400.00 | \$800.00 |
| CUST. SERVICE (OPP.) | 2 | EA. | \$500.00 | \$1,000.00 |
| BIT. REPLACEMENT | 10 | L.F. | \$40.00 | \$400.00 |
| CRUSHED STONE | 100 | L.F. | \$5.00 | \$500.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$56,850.00 |

**TABLE 19
ESTIMATED CONSTRUCTION COST
CHANEY ROAD**

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|--------|------|------------|---------------------|
| 6" SDR-21 WATER LINE | 18,000 | L.F. | \$5.50 | \$99,000.00 |
| 6" C-900 WATER LINE | 2,000 | L.F. | \$7.00 | \$14,000.00 |
| 6" GATE VALVE | 7 | EA. | \$500.00 | \$3,500.00 |
| 12" ROAD BORE | 120 | L.F. | \$60.00 | \$7,200.00 |
| AIR RELEASE VALVE | 2 | EA. | \$450.00 | \$900.00 |
| CUST. SERVICE (SAME) | 11 | EA. | \$400.00 | \$4,400.00 |
| CUST. SERVICE (OPP.) | 11 | EA. | \$500.00 | \$5,500.00 |
| BIT. REPLACEMENT | 30 | L.F. | \$40.00 | \$1,200.00 |
| CRUSHED STONE | 500 | L.F. | \$5.00 | \$2,500.00 |
| CONNECTION TO EXIST. SYSTEM | 1 | EA. | \$1,000.00 | \$1,000.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$139,200.00 |

**TABLE 20
ESTIMATED CONSTRUCTION COST
KY 539**

(STARTING AT BELMONT ROAD)

| ITEM | QNTY | UNIT | UNIT PRICE | TOTAL |
|--|-------|------|------------|--------------------|
| 6" C-900 WATER LINE | 8,000 | L.F. | \$7.00 | \$56,000.00 |
| 6" GATE VALVE | 3 | EA. | \$500.00 | \$1,500.00 |
| 12" ROAD BORE | 40 | L.F. | \$60.00 | \$2,400.00 |
| AIR RELEASE VALVE | 1 | EA. | \$450.00 | \$450.00 |
| CUST. SERVICE (SAME) | 5 | EA. | \$400.00 | \$2,000.00 |
| CUST. SERVICE (OPP.) | 4 | EA. | \$500.00 | \$2,000.00 |
| BIT. REPLACEMENT | 50 | L.F. | \$40.00 | \$2,000.00 |
| CRUSHED STONE | 200 | L.F. | \$5.00 | \$1,000.00 |
| BLOWOFF HYDRANT | 1 | EA. | \$1,200.00 | \$1,200.00 |
| INDIVIDUAL PRV | 9 | EA. | \$50.00 | \$450.00 |
| TOTAL ESTIMATED CONSTRUCTION COST | | | | \$69,000.00 |

TABLE 21

ESTIMATED PROJECT COST

| | |
|-------------------------------------|--------------------|
| Construction Cost | \$1,661,150 |
| Engineering Fees | \$142,100 |
| Resident Inspection Fee | \$65,450 |
| Legal & Administrative Costs | \$15,000 |
| Land and/or Rights | \$10,000 |
| Interest During Construction | \$15,000 |
| Contingencies | \$160,000 |
| Other (Environment Survey) | \$4,000 |
| | |
| TOTAL ESTIMATED PROJECT COST | \$2,072,700 |

VII. FUNDING

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

TABLE 22

PROPOSED FUNDING

| | |
|---------------------------------------|--------------------|
| Tap Fees ⁽¹⁾ | \$93,500 |
| Local Funds | \$300,000 |
| Rural Development Grant | \$755,700 |
| Rural Development Loan ⁽²⁾ | \$923,500 |
| | |
| TOTAL PROJECT FUNDING | \$2,072,700 |

(1) 187 customers with a \$500 tap fee.

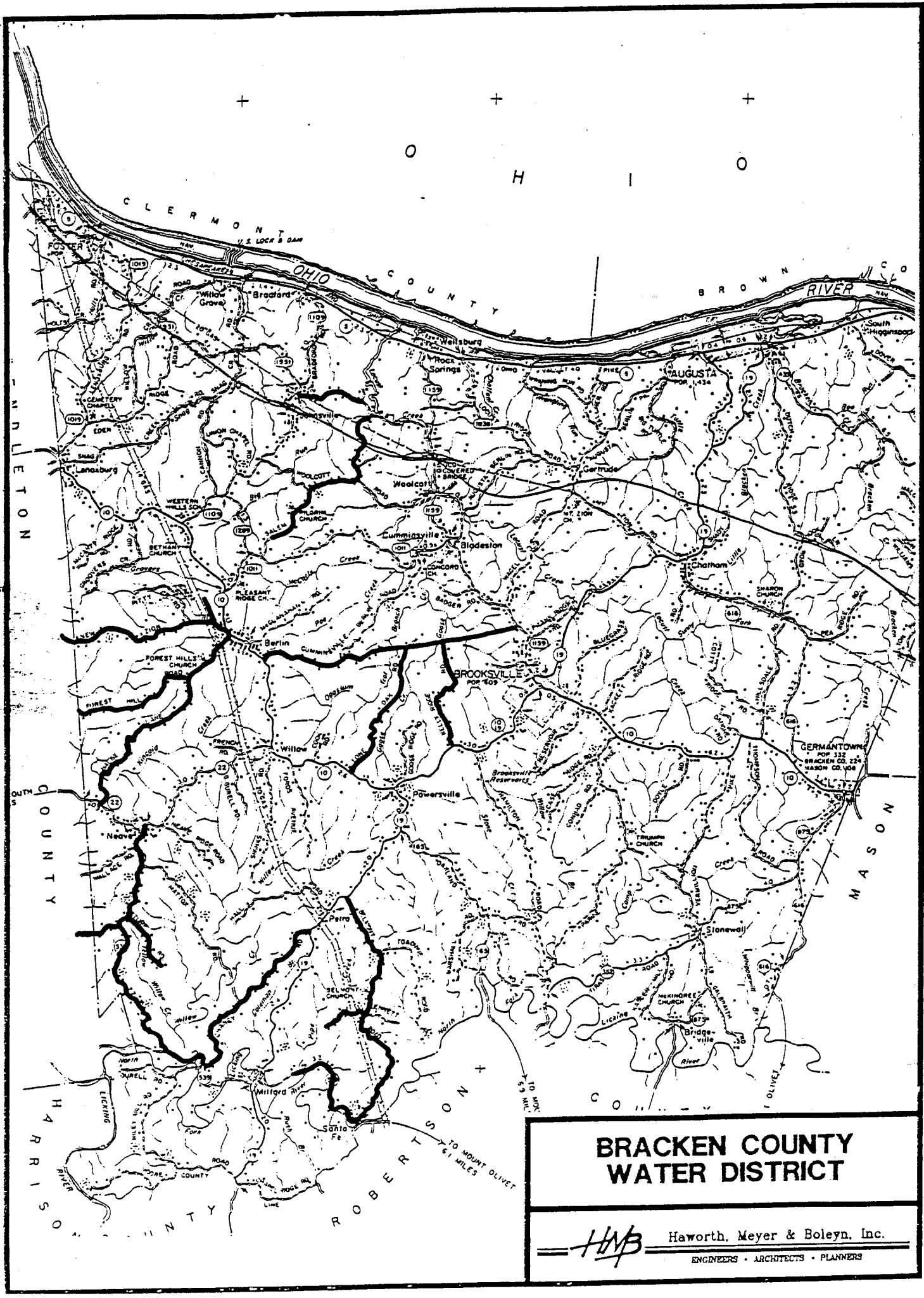
(2) 4½% loan for 40 years with principal deferred for 2 years.

VIII. RECOMMENDATIONS

It is recommended that the project be funded by Rural Development and a Letter of Conditions be issued as soon as possible.

Appendix A

Project Maps



BRACKEN COUNTY WATER DISTRICT

HMB Haworth, Meyer & Boleyn, Inc.
ENGINEERS • ARCHITECTS • PLANNERS

PROPOSED 8" CROSS
COUNTRY LINE

PROPOSED PUMP
STATION

KELLY RIDGE ROAD

COOK RIDGE ROAD

PROPOSED 4"
WATER LINE

PROPOSED 4"
WATER LINE

EXISTING 3"
WATER LINE

MATCH LINE A

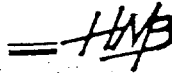
MATCH LINE B

BROOKSVILLE
(BM 954)

Hamilton
Cem

Powerville

**BRACKEN COUNTY
WATER DISTRICT**



Haworth, Meyer & Boleyn, Inc.

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CROSS COUNTRY LINE

EXISTING 2" WATER LINE

PROPOSED 8" WATER LINE

CROSS COUNTRY LINE

COOK RIDGE ROAD

PROPOSED 4" WATER LINE

KY 10 - UPGRADE 6" WATER LINE

EXISTING 3" WATER LINE

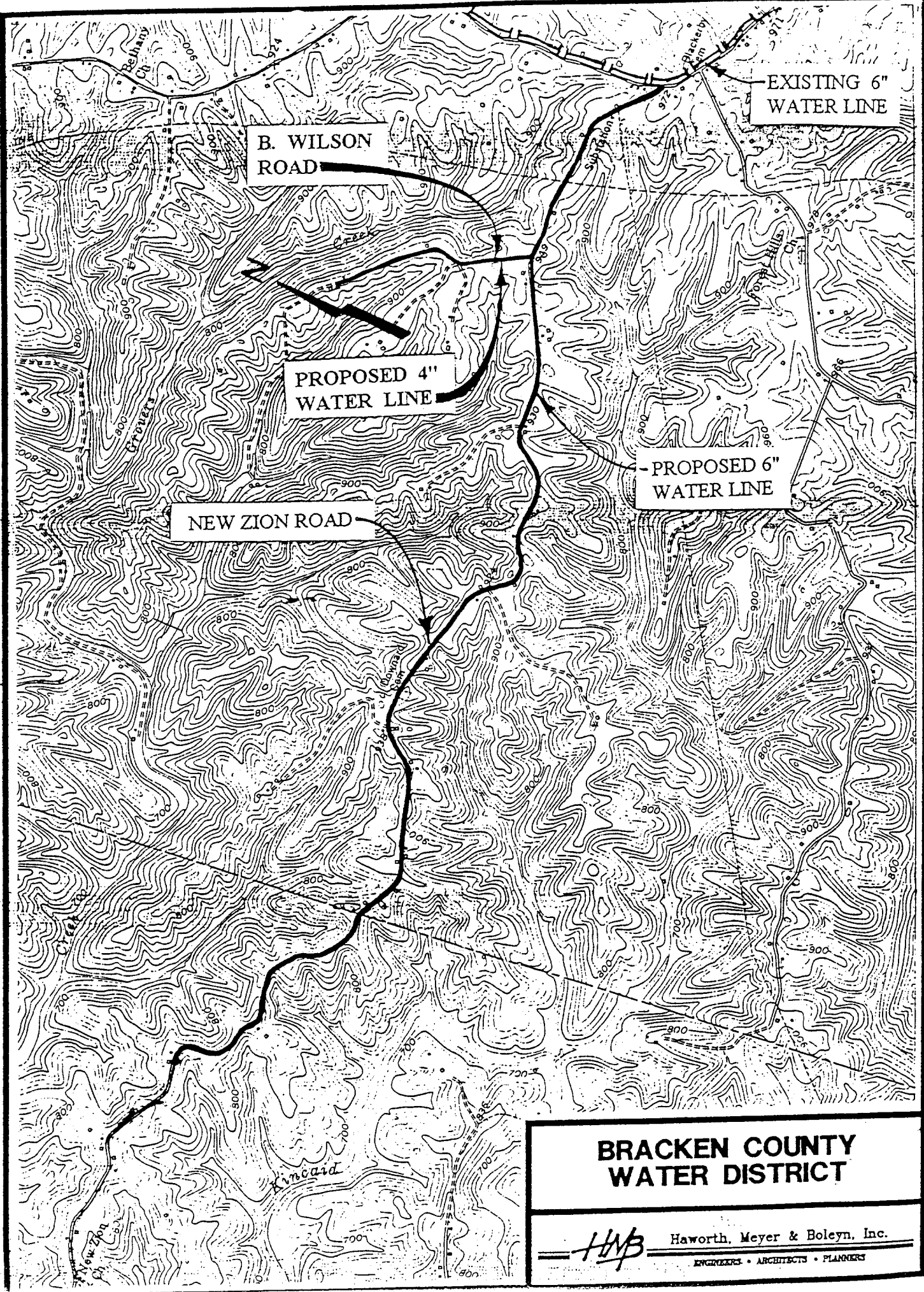
MATCH LINE A

MATCH LINE B

BRACKEN COUNTY WATER DISTRICT

HMB

Haworth, Meyer & Boleyn, Inc.
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EXISTING 6" WATER LINE

B. WILSON ROAD

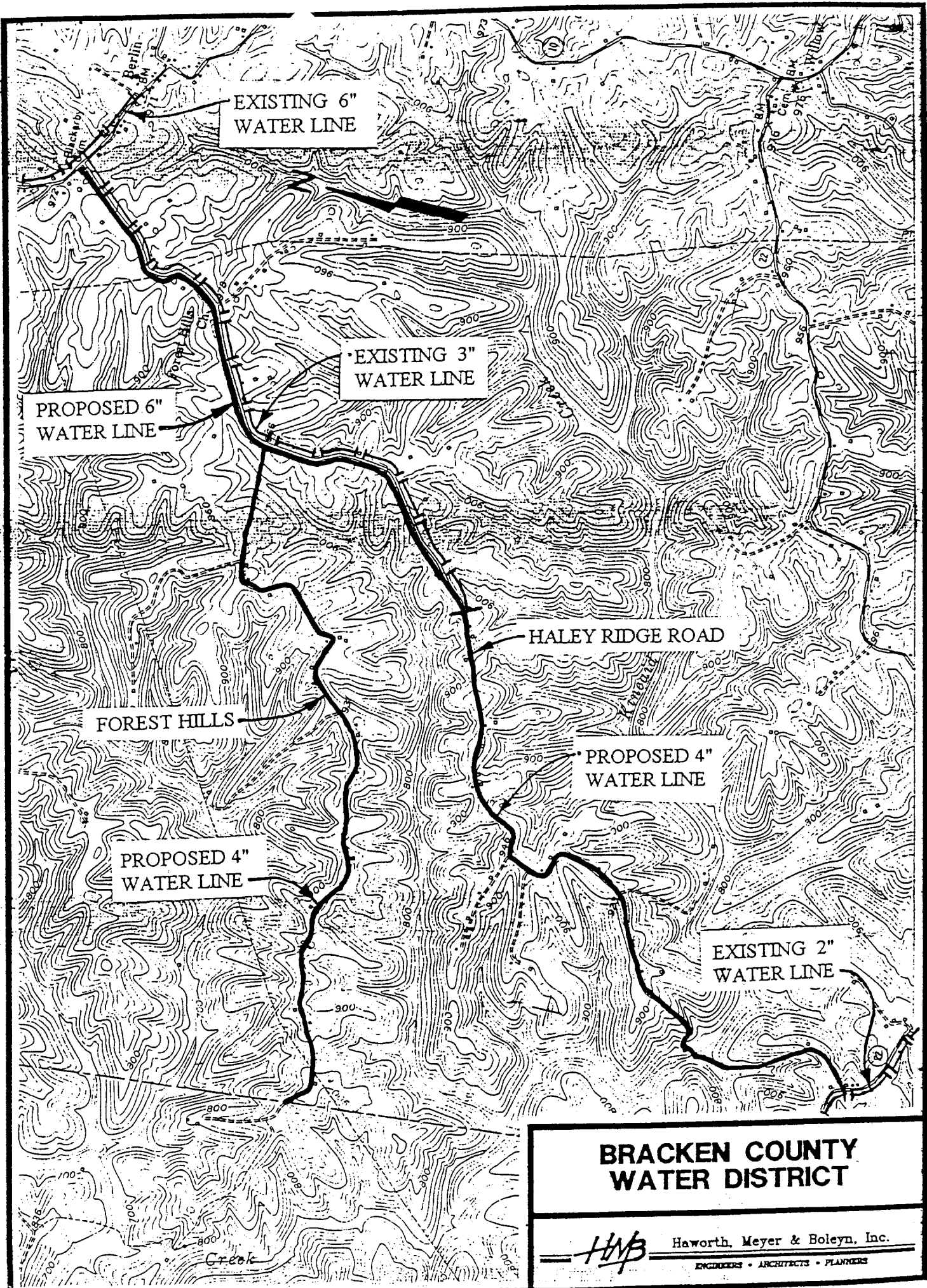
PROPOSED 4" WATER LINE

PROPOSED 6" WATER LINE

NEW ZION ROAD

**BRACKEN COUNTY
WATER DISTRICT**

HMB Haworth, Meyer & Boleyn, Inc.
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EXISTING 6"
WATER LINE

EXISTING 3"
WATER LINE

PROPOSED 6"
WATER LINE

HALEY RIDGE ROAD

FOREST HILLS

PROPOSED 4"
WATER LINE

PROPOSED 4"
WATER LINE

EXISTING 2"
WATER LINE

**BRACKEN COUNTY
WATER DISTRICT**

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EXISTING
WATER LINE

BELMONT
ROAD

PROPOSED 6"
WATER LINE

L. JACOBS
ROAD

PROPOSED 4"
WATER LINE

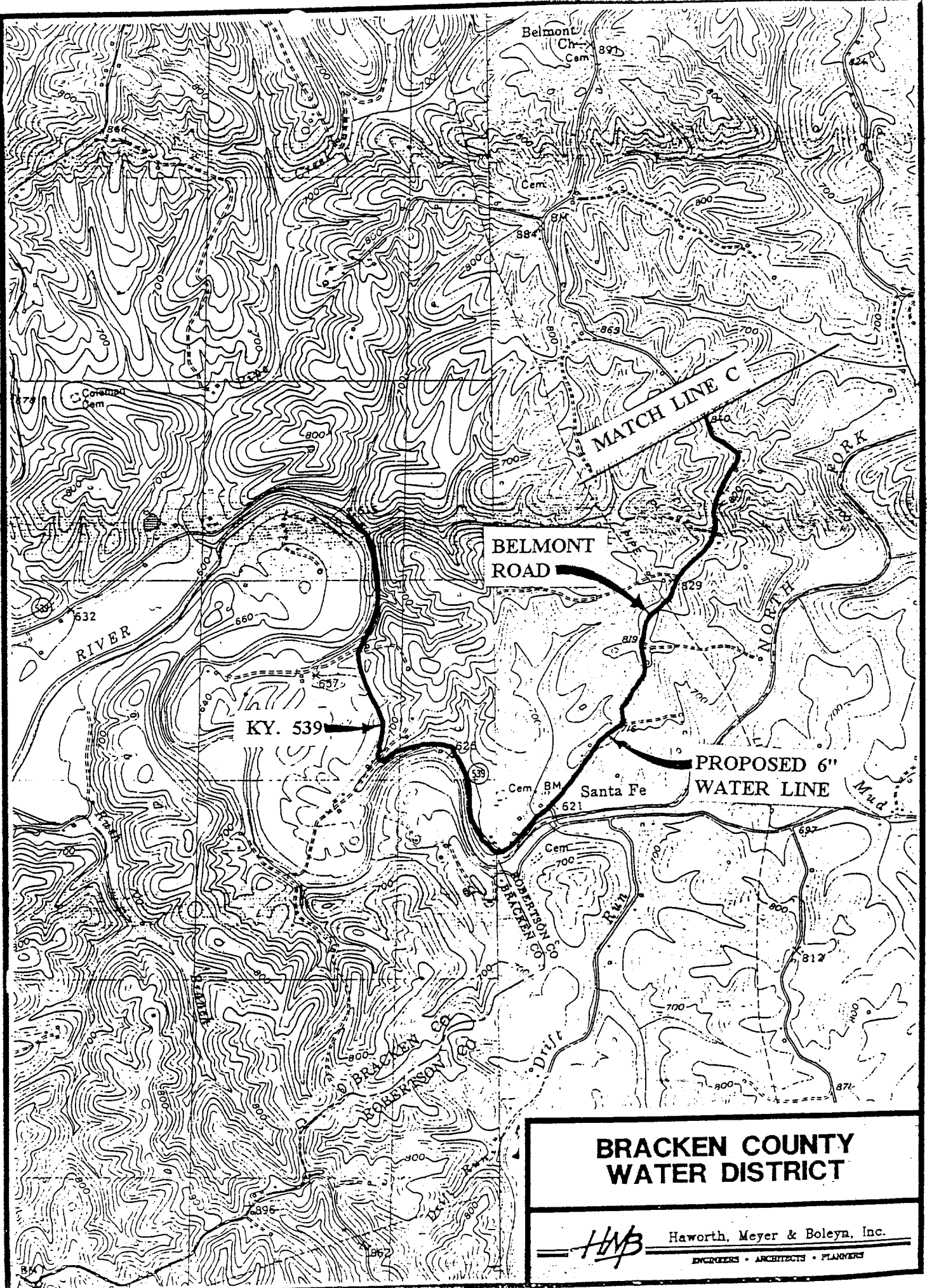
MATCH LINE C

**BRACKEN COUNTY
WATER DISTRICT**

HMB

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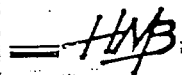
BELMONT ROAD

KY. 539

MATCH LINE C

PROPOSED 6" WATER LINE

BRACKEN COUNTY WATER DISTRICT



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EXISTING 3"
WATER LINE

PROPOSED 4"
WATER LINE

MATTOX ROAD

KY 539

PROPOSED 6"
WATER LINE

BROWNING'S
CORNER ROAD

STUMP ROAD

PROPOSED 4"
WATER LINE

PROPOSED 4"
WATER LINE

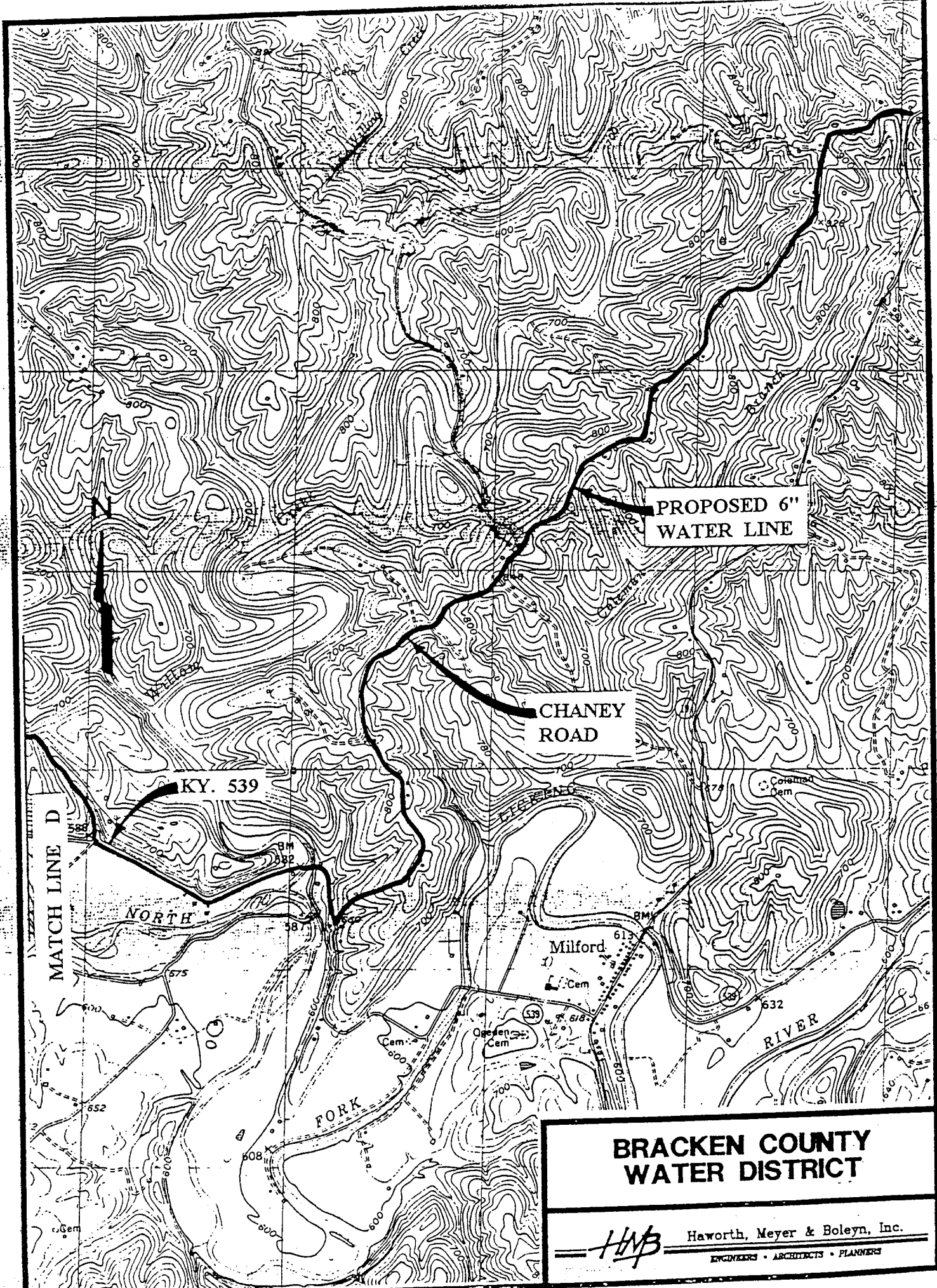
PROPOSED 6"
WATER LINE

KY 539

MATCH LINE D

BRACKEN COUNTY WATER DISTRICT

HMB Haworth, Meyer & Boleyn, Inc.
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PROPOSED 6"
WATER LINE

CHANEY
ROAD

KY. 539

MATCH LINE D

NORTH

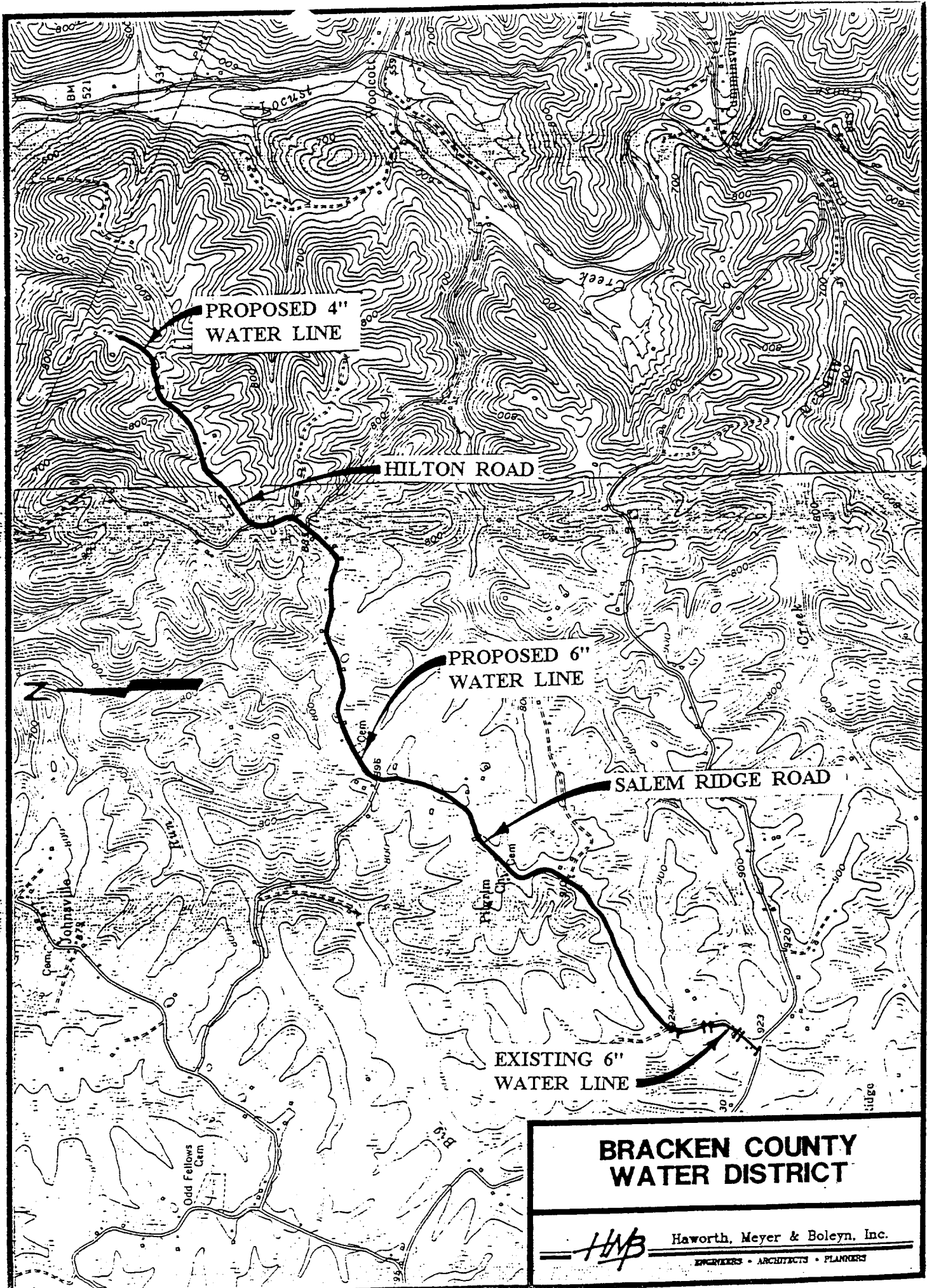
Milford

FORK

RIVER

**BRACKEN COUNTY
WATER DISTRICT**

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PROPOSED 4"
WATER LINE

HILTON ROAD

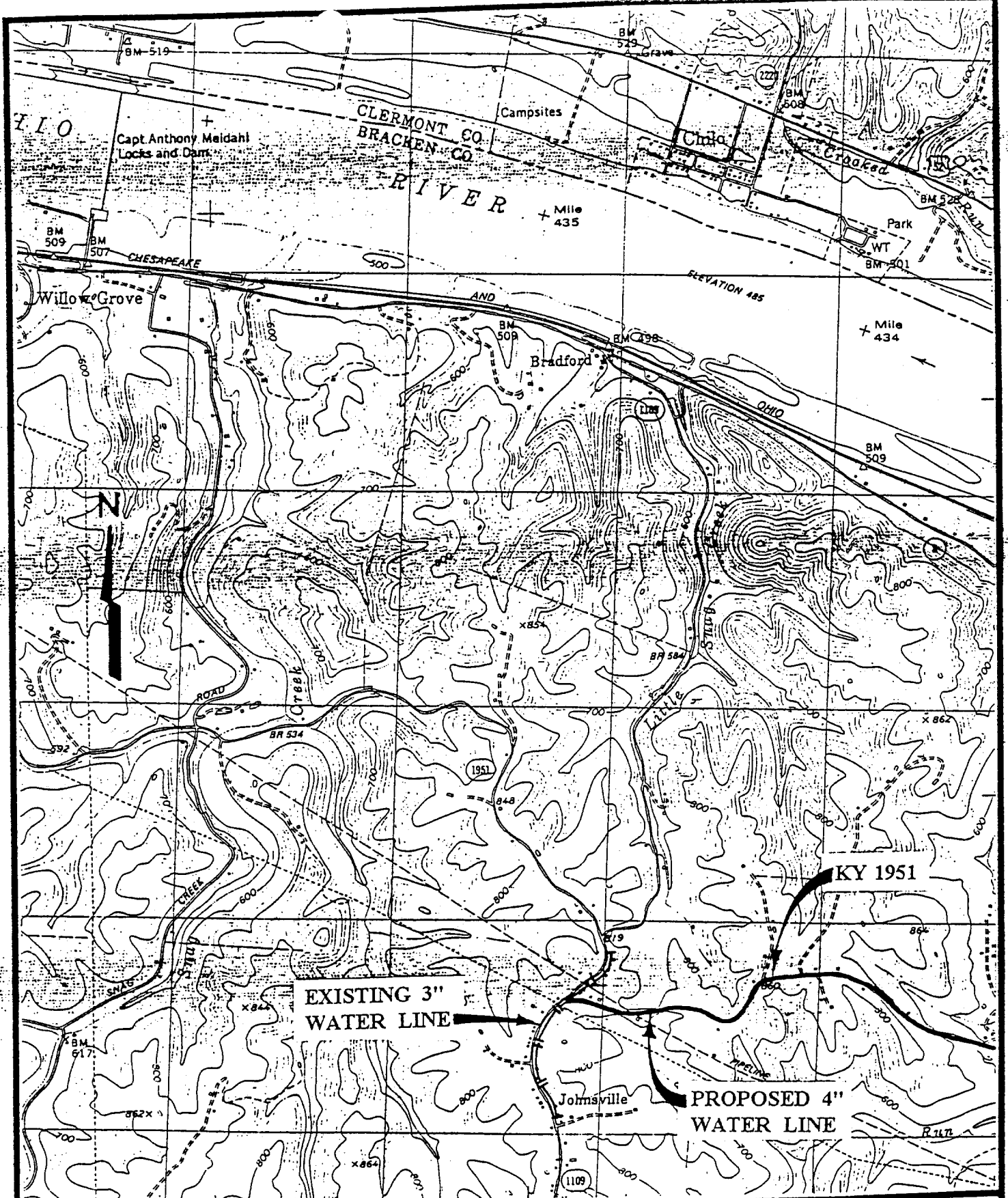
PROPOSED 6"
WATER LINE

SALEM RIDGE ROAD

EXISTING 6"
WATER LINE

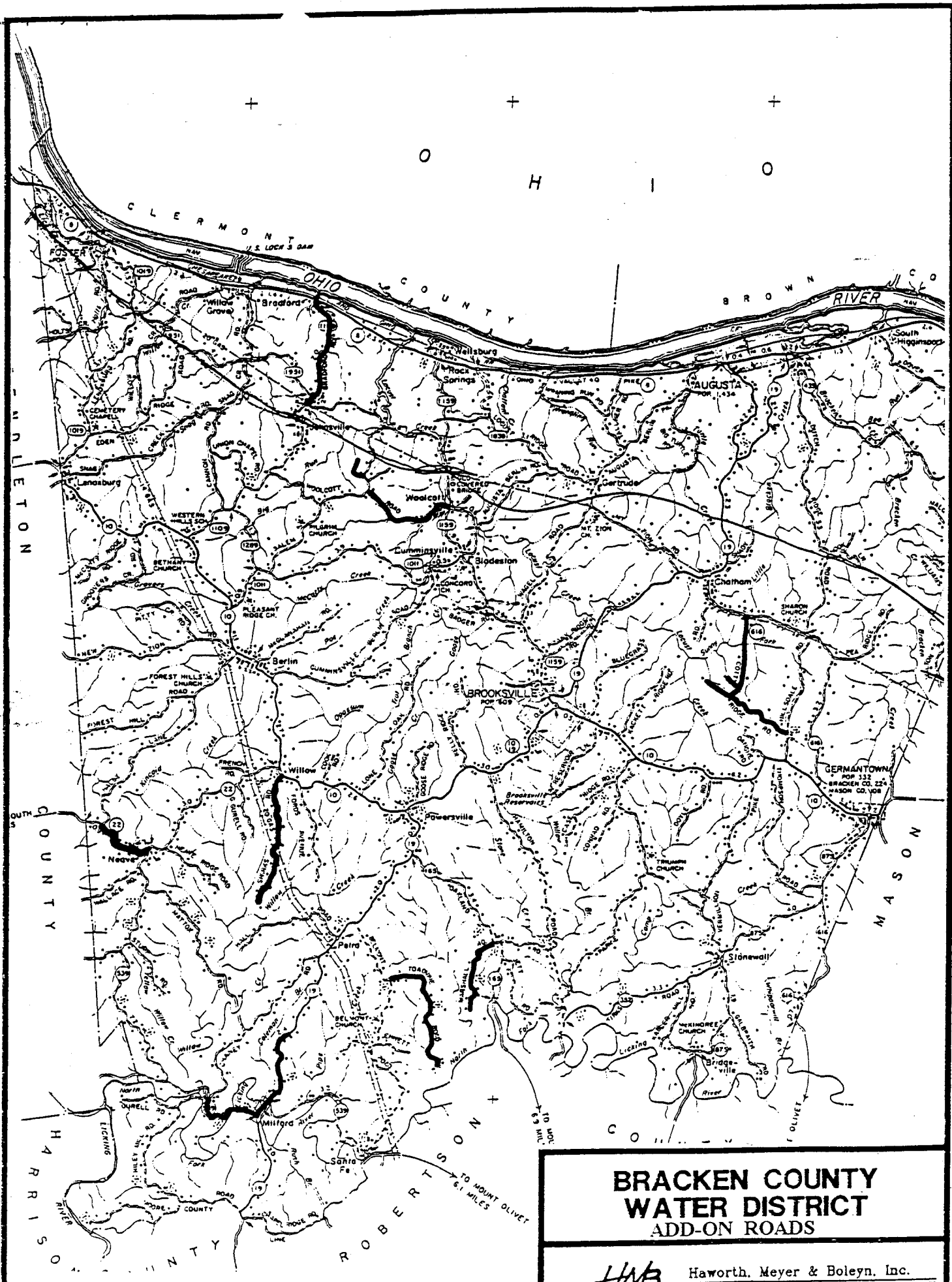
**BRACKEN COUNTY
WATER DISTRICT**

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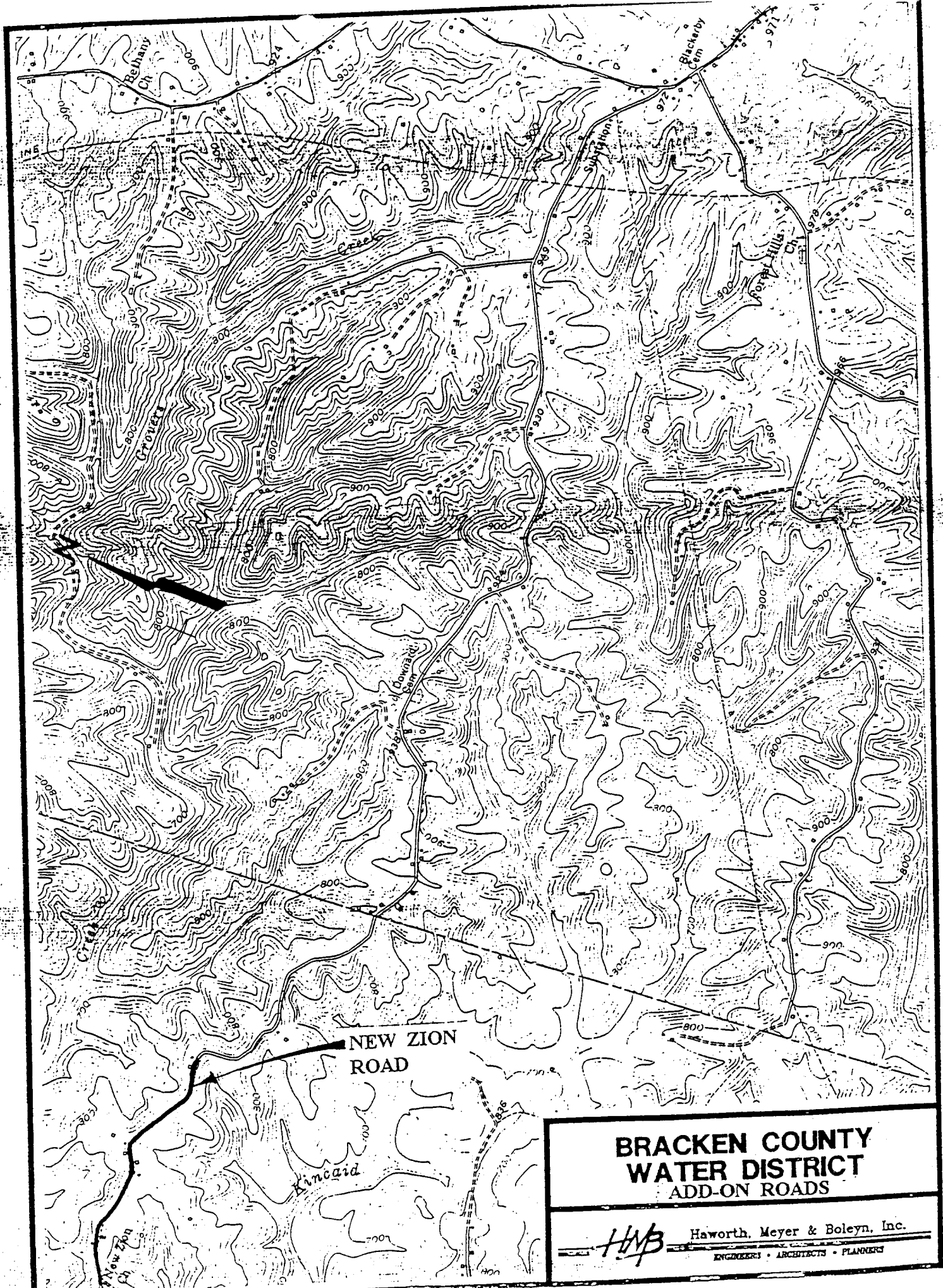
**BRACKEN COUNTY
WATER DISTRICT**

HMB Haworth, Meyer & Boleyn, Inc.
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**BRACKEN COUNTY
WATER DISTRICT
ADD-ON ROADS**

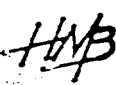
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NEW ZION ROAD

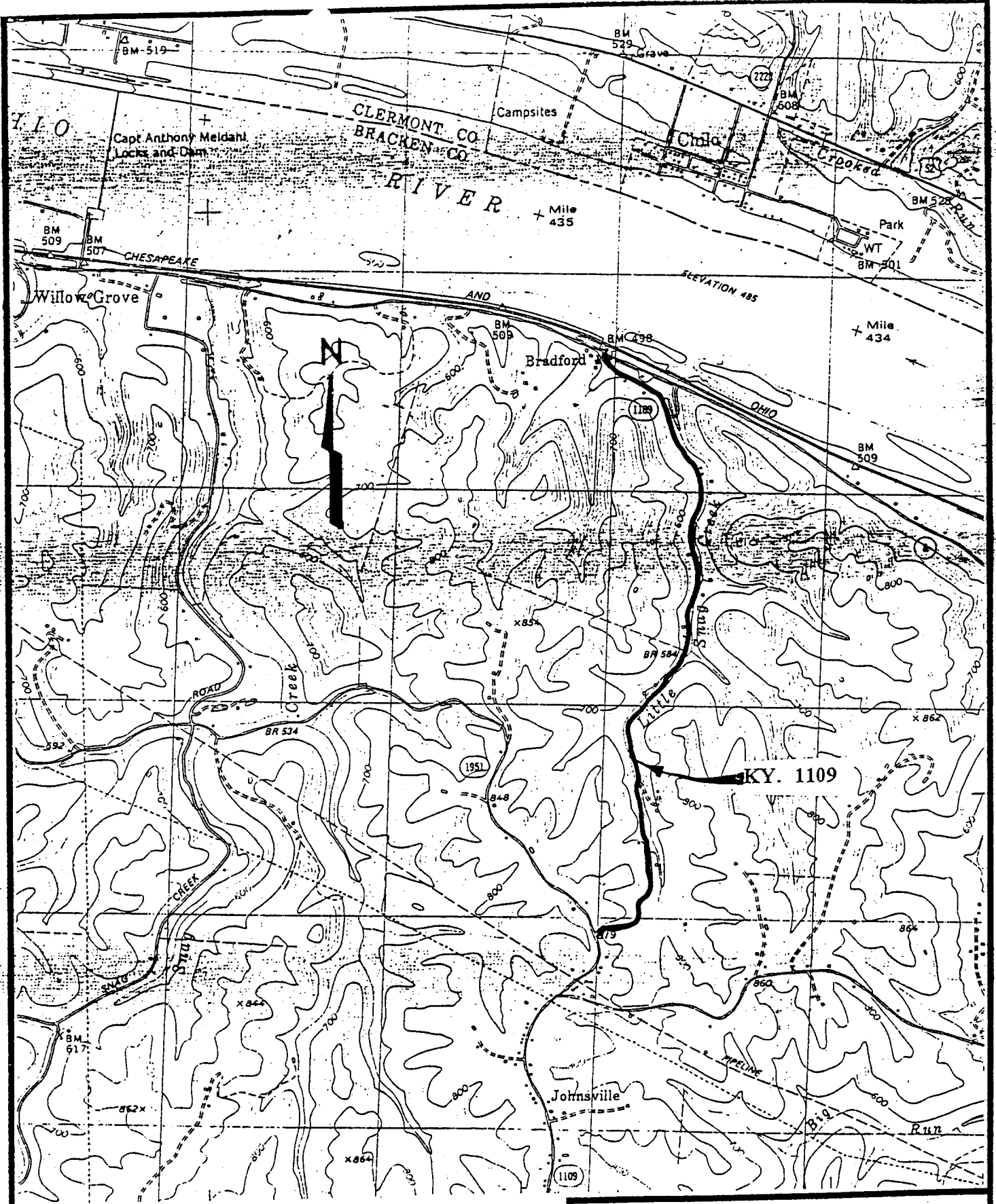
Kincaid

**BRACKEN COUNTY
WATER DISTRICT
ADD-ON ROADS**

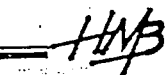


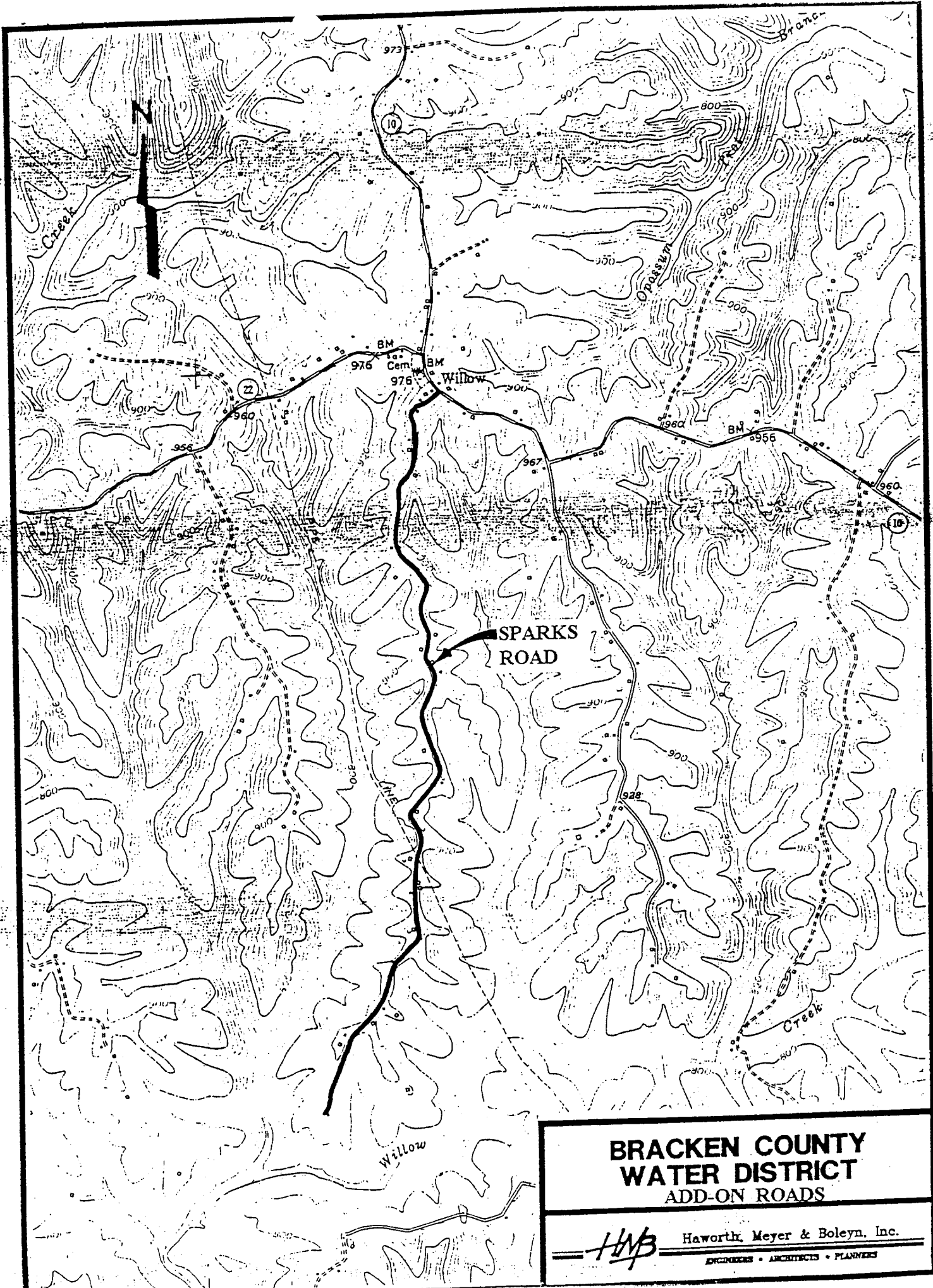
Haworth, Meyer & Boleyn, Inc.

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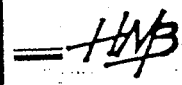


**BRACKEN COUNTY
 WATER DISTRICT
 ADD-ON ROADS**

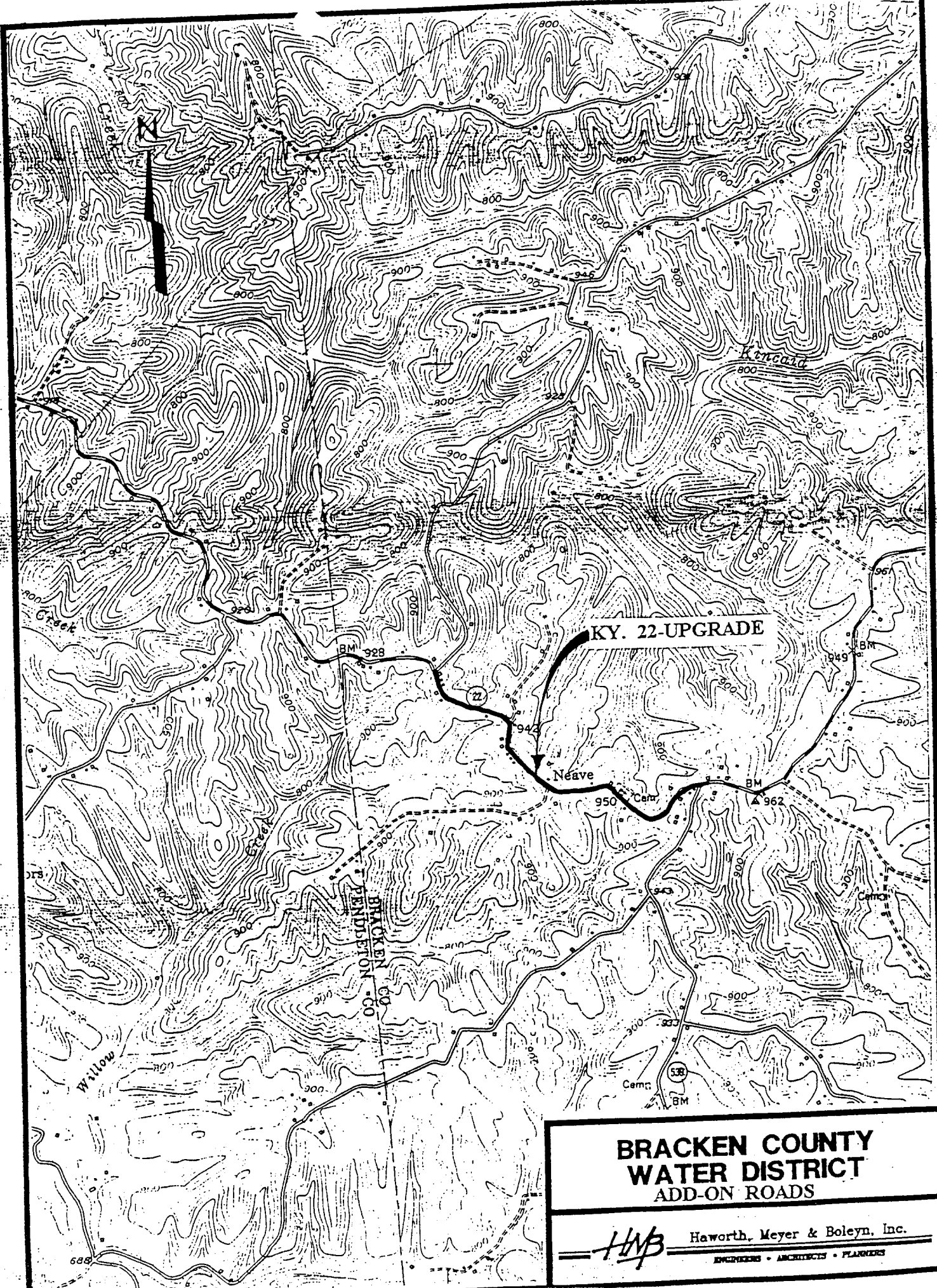

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**BRACKEN COUNTY
WATER DISTRICT
ADD-ON ROADS**



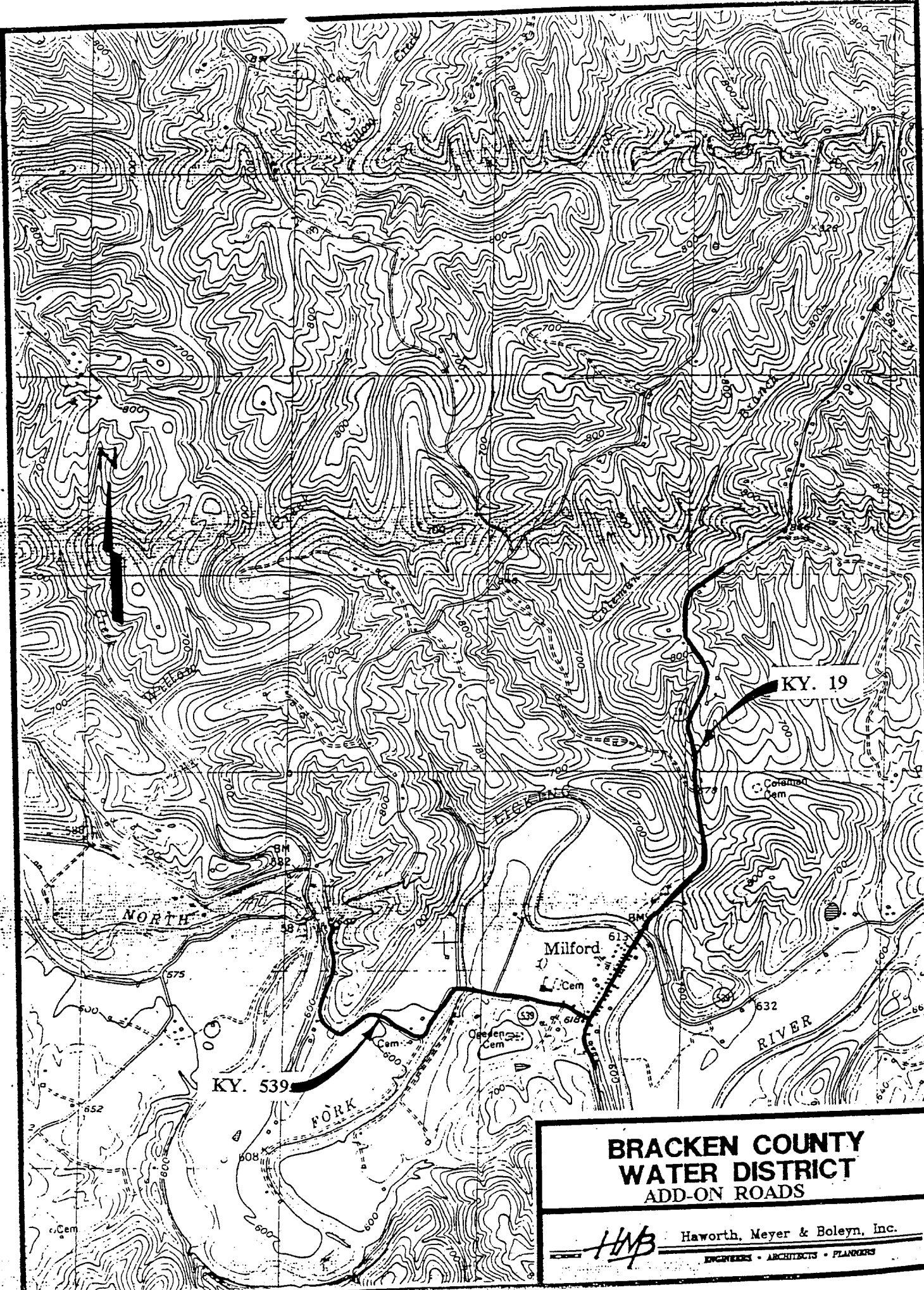
Haworth Meyer & Boleyn, Inc.
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KY. 22-UPGRADE

**BRACKEN COUNTY
WATER DISTRICT
ADD-ON ROADS**

HMB Haworth, Meyer & Boleyn, Inc.
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KY. 19

NORTH

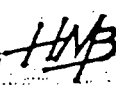
Milford

RIVER

FORK

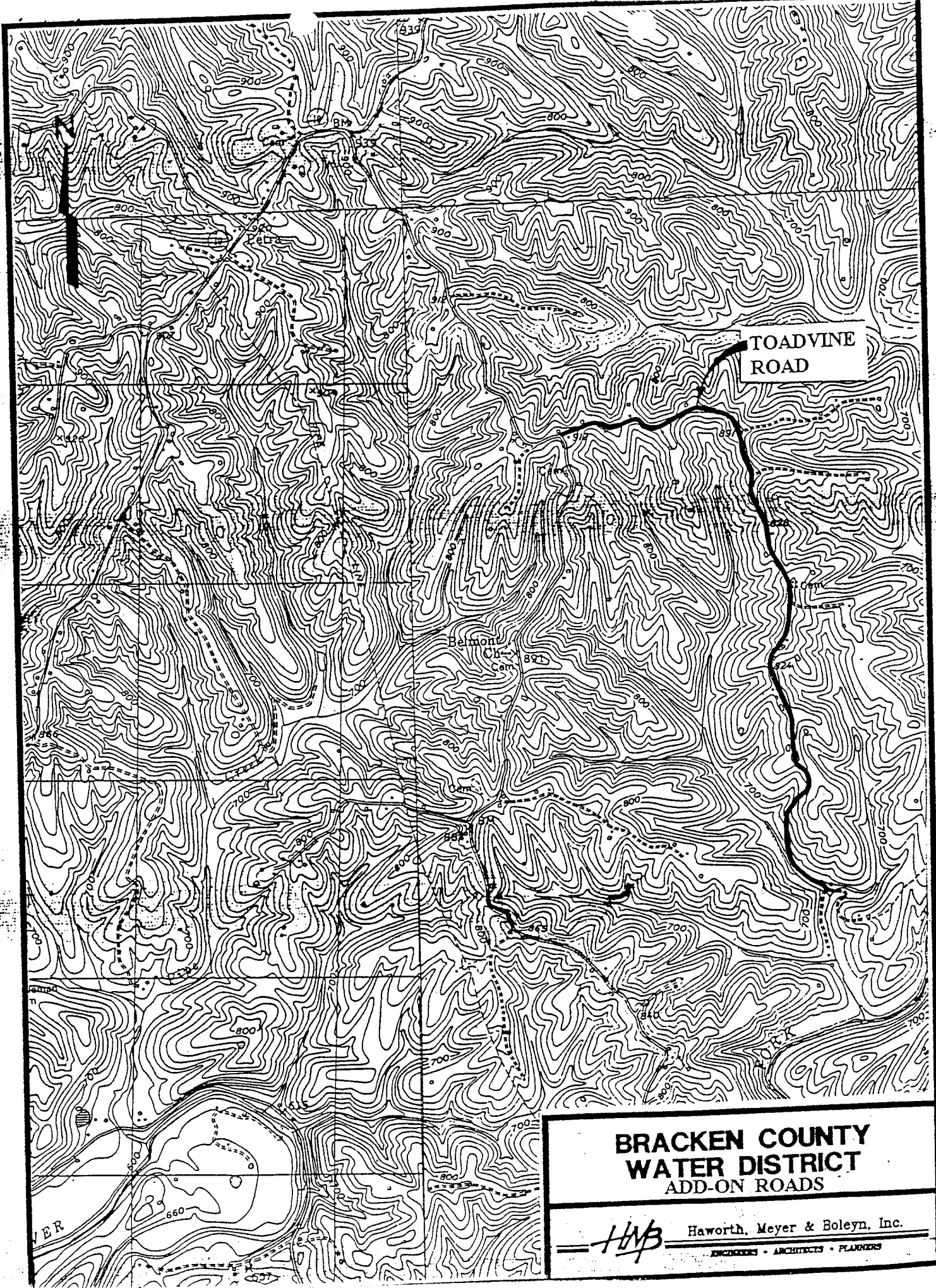
KY. 539

**BRACKEN COUNTY
WATER DISTRICT
ADD-ON ROADS**



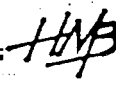
Haworth, Meyer & Boleyn, Inc.

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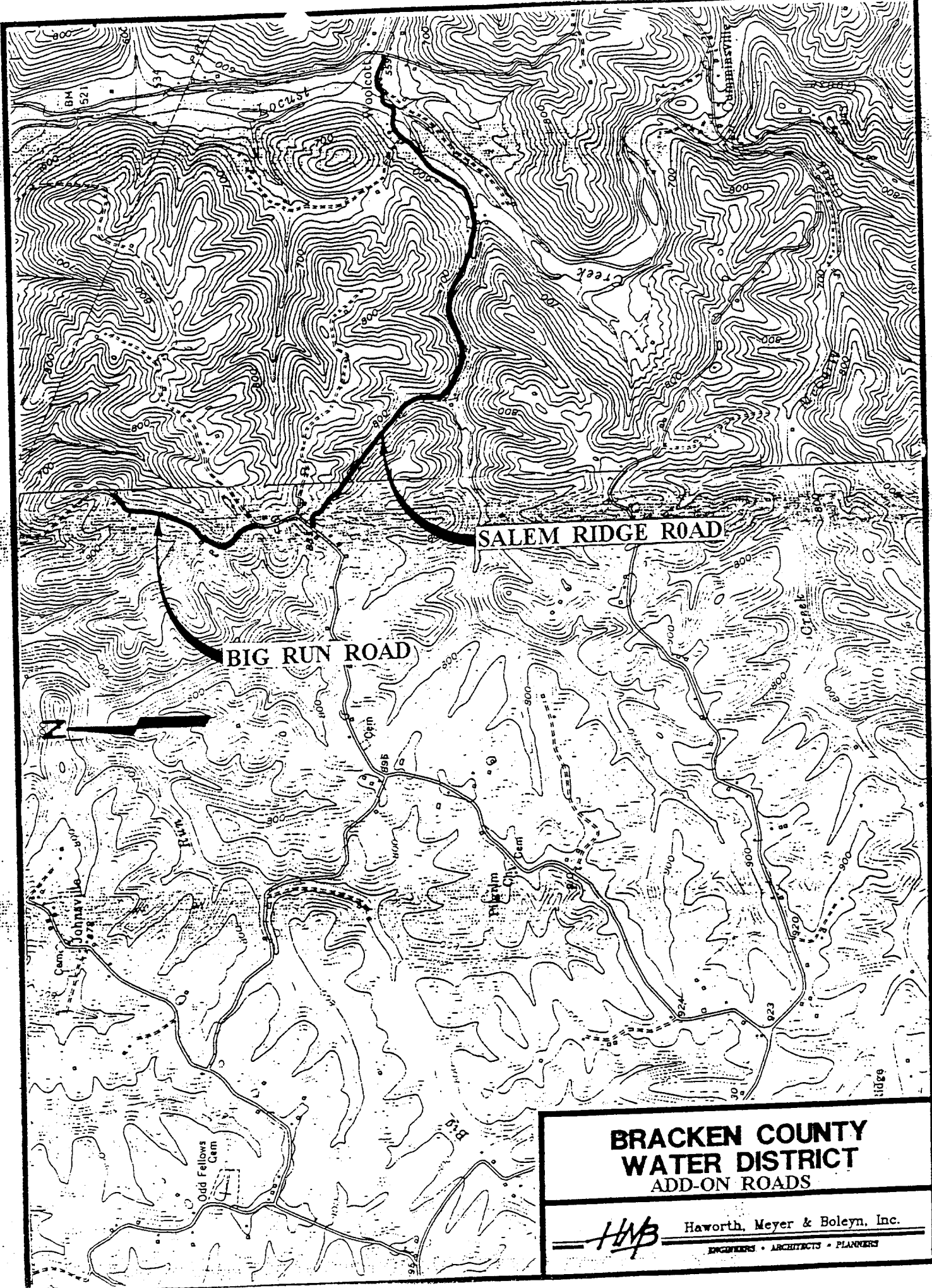
TOADVINE ROAD

**BRACKEN COUNTY
WATER DISTRICT
ADD-ON ROADS**



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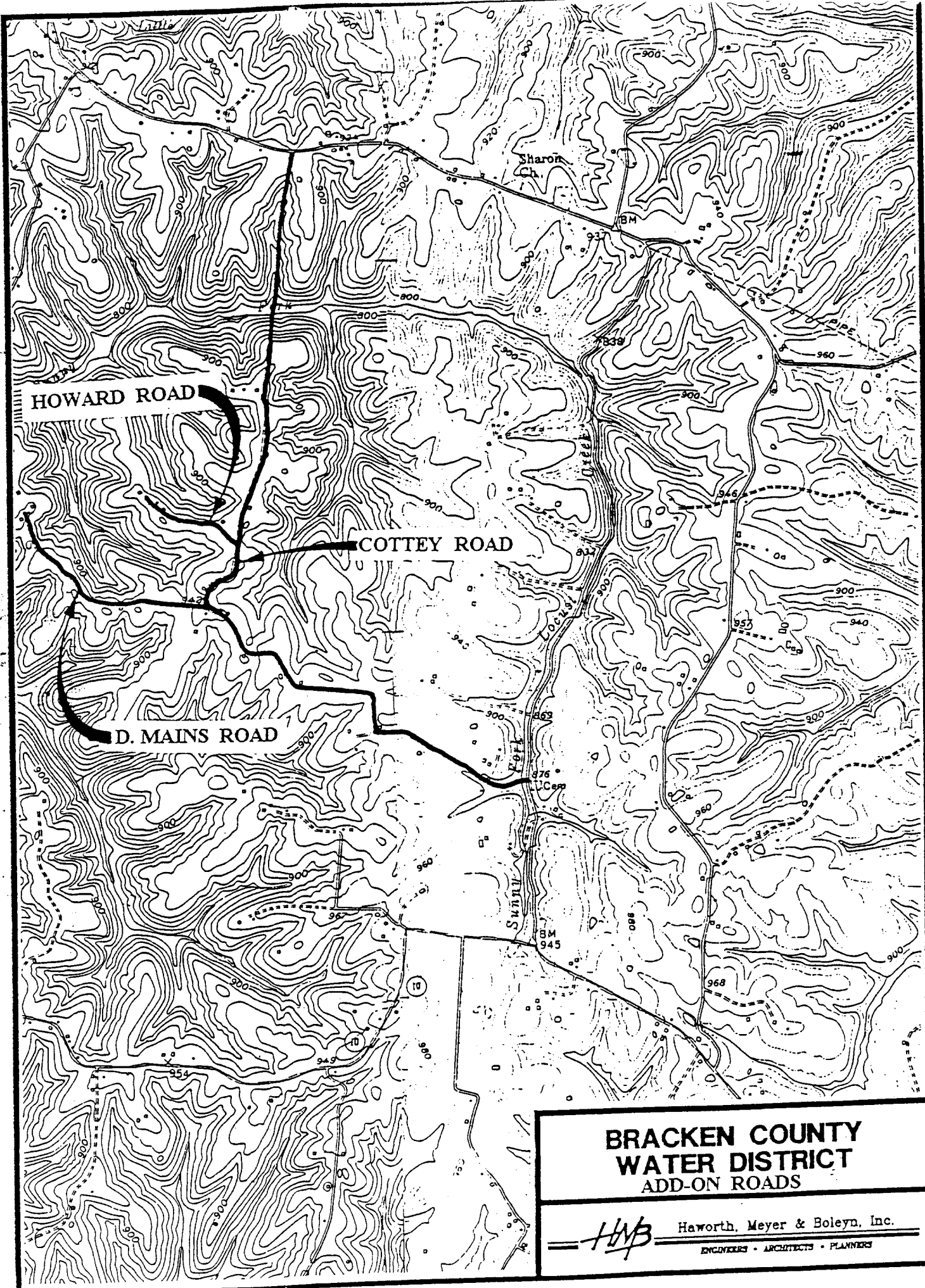


SALEM RIDGE ROAD

BIG RUN ROAD

**BRACKEN COUNTY
WATER DISTRICT
ADD-ON ROADS**

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HOWARD ROAD

COTTEY ROAD

D. MAINS ROAD

Sunny Creek

Sharon Ch.

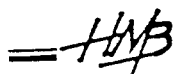
BM 937

BM 938

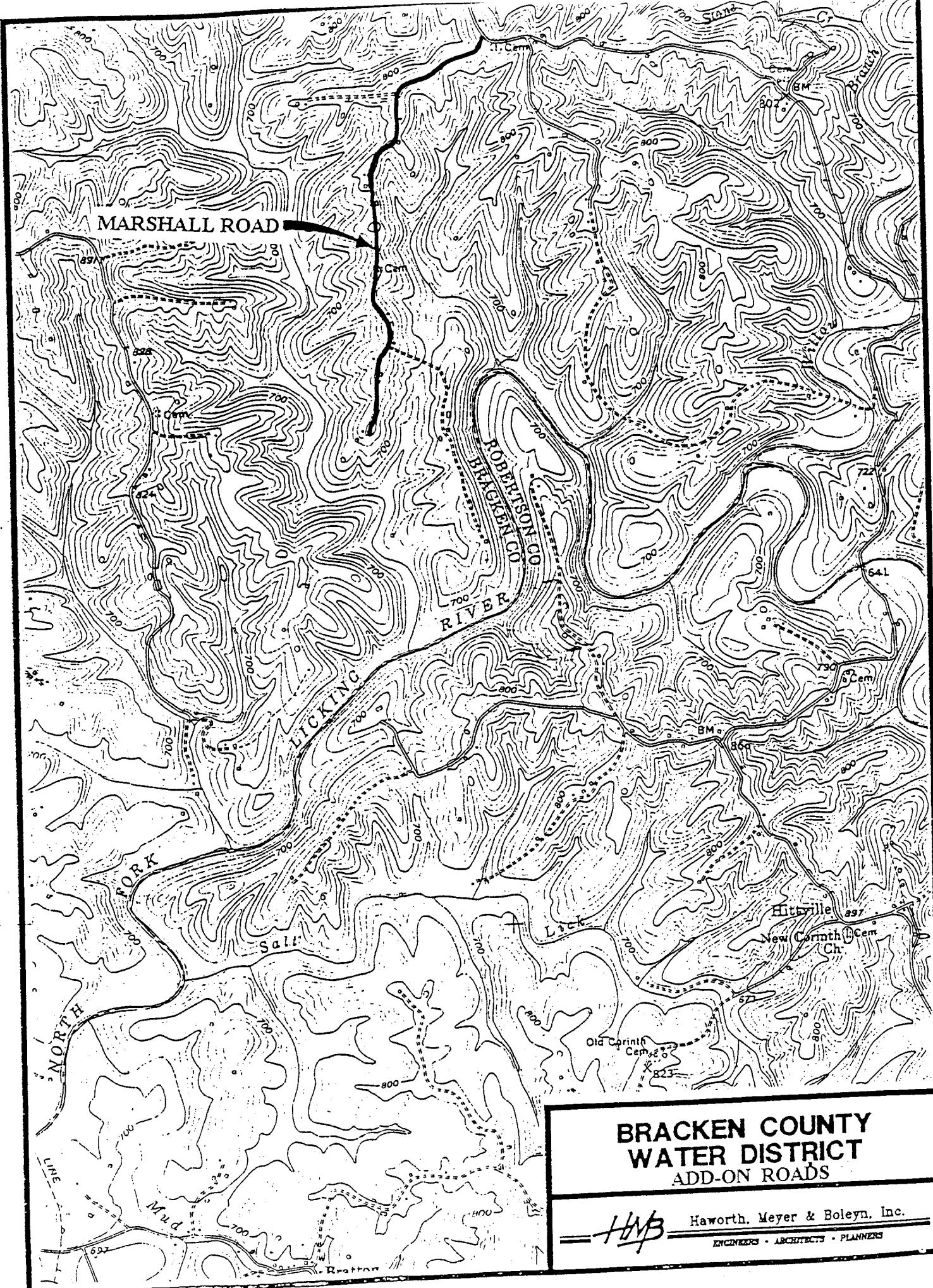
BM 876

BM 945

**BRACKEN COUNTY
WATER DISTRICT
ADD-ON ROADS**



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MARSHALL ROAD

ROBERTSON CO
BRACKEN CO
LICKING RIVER

NORTH FORK

Salt

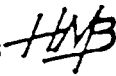
Lick

Hittville

New Corinth Ch

Old Corinth Cem

**BRACKEN COUNTY
WATER DISTRICT
ADD-ON ROADS**

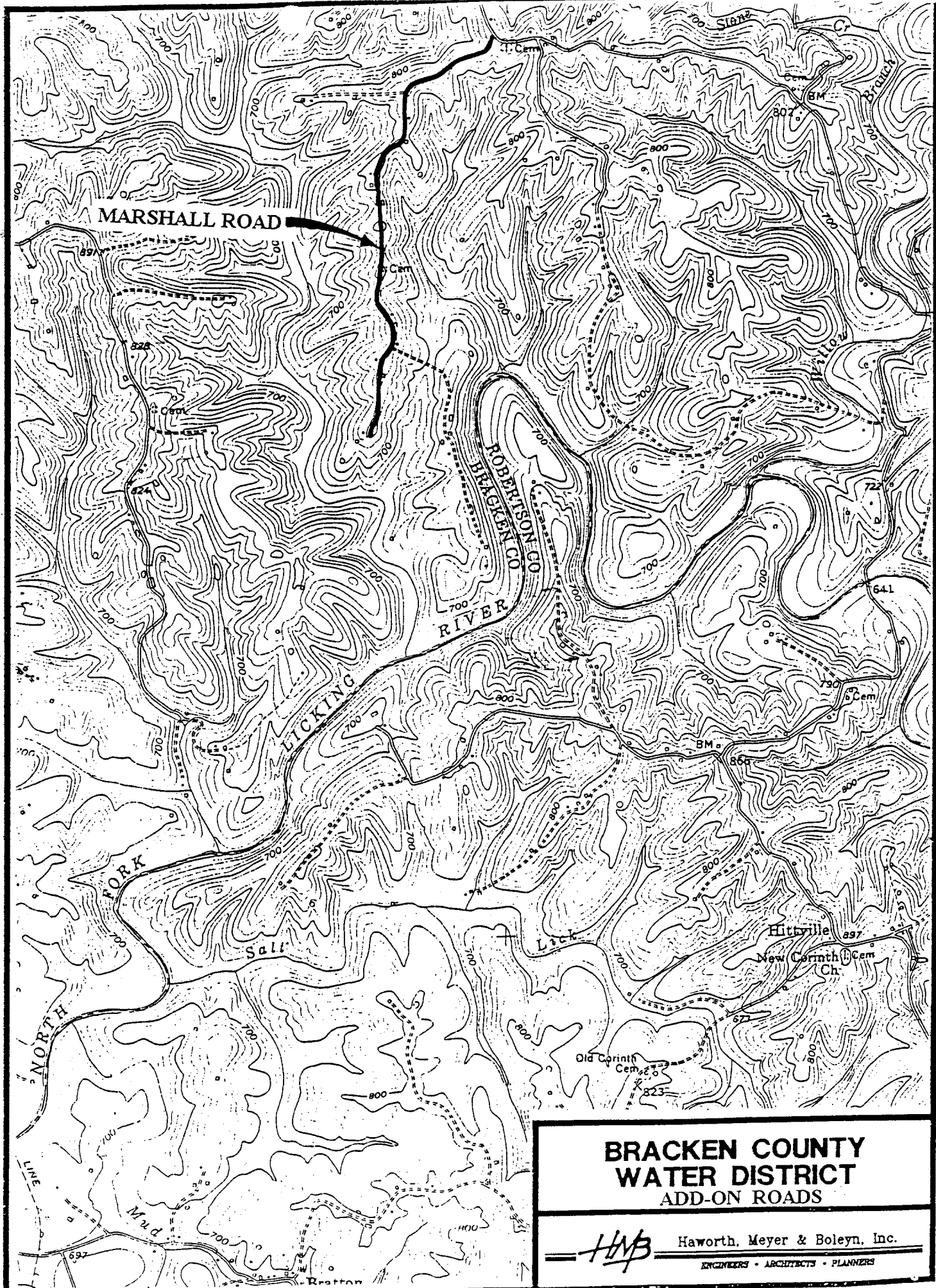


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Appendix B

Rural Development Summary/Addendum



MARSHALL ROAD

ROBERTSON CO
BRACKEN RIVER

LICKING

FORK

Salt

Lock

Hittsville

New Corinth Cem Ch

Old Corinth Cem

**BRACKEN COUNTY
WATER DISTRICT
ADD-ON ROADS**



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