

COMMONWEALTH OF KENTUCKY

BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

**ELECTRONIC APPLICATION OF THE)
BRACKEN COUNTY WATER DISTRICT)
FOR THE ISSUANCE OF A CERTIFICATE)
OF PUBLIC CONVENIENCE AND NECESSITY)
TO CONSTRUCT A WATER SYSTEM)
IMPROVEMENTS PROJECT AND AN ORDER) Case No. 2020 - 00271
AUTHORIZING THE ISSUANCE OF SECURITIES)
PURSUANT TO THE PROVISIONS OF)
KRS 278.020, KRS 278.300 AND 807 KAR 5:001)**

**** *** **** ***** **** *** ****

APPLICATION

The Applicant, Bracken County Water District (the "District"), files this Application pursuant to KRS 278.020(1), KRS 278.300 and KAR 5:001, and all other applicable laws and regulations, and requests that the Kentucky Public Service Commission (the "Commission") grant the District a Certificate of Public Convenience and Necessity ("CPCN") to construct a water system improvements project (the "Project") and an order authorizing the issuance of securities to finance said Project. In support of this Application, and in compliance with the rules and regulations of the Commission, the District states as follows:

1. The District was established in accordance with the provisions of Chapter 74 of the Kentucky Revised Statutes pursuant to an Order of the Bracken County Judge/Executive, which Order is on file in the County Court Order Books in the office of the Bracken County Clerk. The

District is now, and has been since its inception, regulated by the Commission, and all records and proceedings of the Commission with reference to the District are incorporated in this Application by reference. The District does not have any Articles of Incorporation due to the fact that it is a statutory entity.

2. The governing body of the District is its Board of Commissioners which is a public body corporate, with power to make contracts in furtherance of its lawful and proper purpose as provided for in KRS 74.070 and all applicable law and regulations.

3. The mailing address of the District is as follows:

Bracken County Water District
c/o Ms. Diana Moran, Office Manager
P.O. Box 201
Brooksville, Kentucky 41004
Phone: (606) 735-3513
Fax: (606) 735-3017
email address: d.moran@brackencountywaterdistrict.com

4. A general description of the District's system property, together with a statement of the original cost, is contained in the District's Annual Report for 2019 which is on file with the Commission. The Annual Report is incorporated herein by reference.

5. Pursuant to 807 KAR 5:001, Section 15 - Applications for Certificates of Public Convenience and Necessity, the District hereby responds as follows:

(i) Section 15(2)(a): Facts Relied Upon to Show Public Necessity: The proposed Project and the need for the Project is described in **Exhibit "A"** attached hereto.

(ii) Section 15(2)(b): Copies of Permits: Required permits are attached hereto as **Exhibit "B"**.

- (iii) Section 15(2)(c): Description of Proposed Location or Route. Construction of the Project is being performed within the boundaries of the District and is detailed in the location map referred to in paragraph 5(iv) below. The proposed Project will not compete with any other public utilities and will not result in any wasteful duplication.
- (iv) Section 15(2)(d)(1): Maps to Suitable Scale: Three copies (two paper medium and one electronic storage medium) of maps to suitable scale showing the location of the proposed Project, as well as the location of like facilities owned by others located anywhere within the map area are being filed with this Application.
- (v) Section 15(2)(d)(2): Plans and Specifications: The signed, sealed and dated Plans and Specifications in .pdf format on electronic storage medium are being filed with this Application.
- (vi) Section 15(2)(e) Financing: The District is financing the Project with the proceeds of a loan from the Kentucky Rural Water Finance Corporation ("KRWFC") in the principal amount of \$1,000,000 (the "KRWFC Loan"). The KRWFC Loan will be evidenced by an Assistance Agreement between the District and KRWFC. A copy of the preliminary number runs of Raymond James & Co., the financial advisor to KRWFC is attached hereto as **Exhibit "C"**. The Final Project Budget is attached hereto as **Exhibit "D"**.

- (vii) Section 15(2)(e) Statement of Estimated Annual Cost of Operation: a statement of the estimated annual cost of operation after the Project is placed in service is titled Annual Cost of Operation and is attached hereto as **Exhibit “E”**.

6. The detailed Statement of Net Position; Statement of Revenue, Expenses and Changes in Net Position; and Statement of Cash Flows for the twelve month periods ending on December 31, 2018 are attached hereto as **Exhibit “F”** respectively.

7. Pursuant to 807 KAR 5:001, Section 12 - Financial Exhibit; the District hereby responds as follows:

- (i) Section 12(1)(a): The District states that it had less than \$5,000,000 in gross annual revenue in the immediate past calendar year and that no material changes have occurred since December 31, 2018.
- (ii) Section 12(2)(a), (b) and (c) Stock: The District does not have any authorized, issued or outstanding stock as of the date hereof.
- (iii) Section 12(2)(d) Mortgages: The District does not have any outstanding mortgages as of the date hereof.
- (iv) Section 12(2)(e), (f) and (g) Indebtedness: The information concerning the outstanding indebtedness of the District is contained in financial statements and Note 3 to financial statements which have been filed with the Commission and are incorporated herein by reference.
- (v) Section 12(2)(h) Dividends: The District has no outstanding stock and therefore pays no dividends.

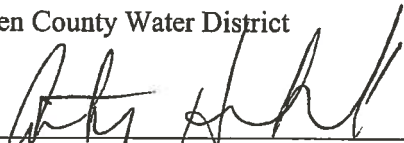
- (vi) Section 12(2)(i) Financial Statements: See **Exhibit "F"** attached hereto.
8. Pursuant to 807 KAR 5:001, Section 18, the District hereby responds as follows:
- (i) Section 18(1)(a): The District has complied with the requirements of 807 KAR 5:001, Section 14.
 - (ii) Section 18(1)(b): A general description of the District's property, its field of operation and a statement of original cost of said property and the cost to the District is contained in the District's 2019 Annual Report on file with this Commission.
 - (iii) Section 18(1)(c): The District is not issuing any stock as part of this financing. The information concerning the proposed KRWFC Loan is contained in this Application and the supporting exhibits. The KRWFC Loan will be secured by and payable from the gross revenues of the District's water system.
 - (iv) Section 18(1)(d): The District is not refunding any outstanding obligations in connection with this Project. The proceeds of the KRWFC Loan are being used for the construction of the Project described in **Exhibit "A"**.
 - (v) Section 18(1)(e): See paragraph 5(i) above and paragraph 8(x) below.
 - (vi) Section 18(1)(f): The District is not refunding any outstanding obligations in connection with this Project.
 - (vii) Section 18(1)(g): Written notification of the proposed issuance of the KRWFC Loan is being provided to the State Local Debt Officer (see **Exhibit "G"** attached hereto).

- (viii) Section 18(2)(a): See paragraph #7 above.
 - (ix) Section 18(2)(b): The District does not have any outstanding trust deeds or mortgages.
 - (x) Section 18(2)(c): A detailed estimate of the acquired property, arranged according to the Uniform System of Accounts for Class A/B Water Districts and Associations is \$867,650 classified as USOA account #331 (transmission and distribution mains).
9. Certified copies of the bid tabulations for the Project are attached hereto as **Exhibit “H”**.
10. No rate adjustment will be necessary.


WHEREFORE, the District respectfully requests that the Commission take the following actions:

- A. Grant the District a Certificate of Public Convenience and Necessity permitting the District to construct the Project;
- B. Authorize the issuance of securities pursuant to the KRWFC Assistance Agreement evidencing of the \$1,000,000 KRWFC Loan; and
- C. Grant the District any other relief to which said District is entitled.

Bracken County Water District

By 
Anthony Habermehl, Chairman
P.O. Box 201
Brooksville, Kentucky 41004
Phone: (606) 735-3513
Fax: (606) 735-3017
email address:
d.moran@brackencountywaterdistrict.com

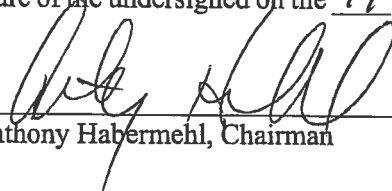
Rubin & Hays

By 
W. Randall Jones
Kentucky Home Trust Building
450 South Third Street
Louisville, Kentucky 40202
Phone: (502) 569-7534
Fax: (502) 569-7555
Counsel for Bracken County Water District
wrjones@rubinhays.com

STATE OF KENTUCKY)
) SS
COUNTY OF BRACKEN)

The affiant, Anthony Habermehl, being first duly sworn, states: That he is the Chairman of the Bracken County Water District, the Applicant in this case; that he has read the foregoing Application and has noted the contents thereof; that the same are true of his own knowledge and belief, except as to matters which are herein stated to be based on information or belief, and that these matters, believes to be true and correct.

IN TESTIMONY WHEREOF, witness the signature of the undersigned on the 19th day of August, 2020.



Anthony Habermehl, Chairman

SUBSCRIBED, SWORN TO AND ACKNOWLEDGED before me by Anthony Habermehl, Chairman of the Bracken County Water District on this the 19 day of August, 2020.

My Commission expires: 4/3/22_____.



Diana Moran
Notary Public

Notary ID#: 596937_____

EXHIBIT A

Public Necessity and Project Description

Bracken County Water District Augusta Supply Line Project

Necessity of Project

Currently the Bracken County Water District purchases over 90% of their potable water from the City of Augusta. The District serves approximately 2,600 households in Bracken, Mason, Pendleton and Robertson counties.

The District purchases potable water from the City of Augusta via one ten (10) inch water main. This water main is of PVC material and is over thirty-five (35) years old. The water main begins at the City's water plant in downtown Augusta and near the banks of the Ohio River. From the treatment plant the water main proceeds in a westerly direction running parallel with the Ohio River and is located in the floodplain of the river. This water main extends approximately 3,200 LF before proceeding along Augusta Berlin Road to the District's main pump station and clear well. The water main is located within the floodplain for approximately another 1,500 LF proceeding along Augusta Berlin Road.

During times of heavy precipitation, the Ohio River floods and areas along the route of the existing water main experience flooding due to the backwaters of the river also flooding. By analyzing USGS river elevation data the District has been able to determine the amount of time that this water main is under flood water and during one recent three-month period the water main was in flood waters approximately 30% of the time or almost thirty (30) days out of ninety (90). This flooding situation has occurred during a worst-case situation for a period of approximately ten (10) consecutive days. In the event of a break on this water main during these conditions the entire District's customers are in jeopardy of losing water service.

It is against this backdrop that the District has reviewed its options and committed to ensure the continued potable water service to its approximate 2,600 households by installing an additional water main from the City of Augusta to serve its system.

Project Description

The project will involve the installation of approximately 5,250 LF of 12" ductile iron water main from the City of Augusta water treatment plant to a point along Augusta Berlin Road in northern Bracken County. This water main will be installed predominantly within state and county rights-of-way along KY 8 and Augusta Berlin Road. Installation within these rights-of-way will ensure that the new water main is not within the floodplain and will allow the District to access the main for repairs and/or maintenance. Additional appurtenances will be installed to include gate valves that will give the District the flexibility to use both the new and old water mains to ensure continued service to its customer base.

EXHIBIT B

Required Permits

ANDY BESHEAR
GOVERNOR



REBECCA W. GOODMAN
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601

August 18, 2020

Anthony Habermehl
Bracken Co Water District
1324 Brooksville Germantown Rd
Brooksville, KY 41004

RE: Augusta Supply Line Project
Bracken County, KY
Bracken Co Water District
AI #: 33805, APE20200001
PWSID #: 0120039-20-001

Dear Mr. Habermehl:

We have reviewed the plans and specifications for the above referenced project. The plans include the construction of approximately 5,100 linear feet of 12-inch DI water line and 300 liner feet of 4-inch PVC water line. This is to advise that plans and specifications for the above referenced project are APPROVED with respect to sanitary features of design, as of this date with the requirements contained in the attached construction permit.

If you have any questions concerning this project, please contact Cassie Campbell at 502-782-6909.

Sincerely,

A handwritten signature in black ink, appearing to read "T. Humphries".

Terry Humphries, P.E.
Supervisor, Engineering Section
Water Infrastructure Branch
Division of Water

TH:CC
Enclosures

c: Bluegrass Engineering PLLC
Bracken County Health Department
Division of Plumbing

Distribution-Water Line Extension

Bracken Co Water District
Facility Requirements

Activity ID No.:APE20200001

Page 1 of 4

PORT0000000039 (Augusta Supply Line Project) 5100 linear feet of 12 inch DI water line and 300 liner feet of 4 inch PVC water line:

Narrative Requirements:

Condition No.	Condition
T-1	Construction of this project shall not result in the water system's inability to supply consistent water service in compliance with 401 KAR 8:010 through 8:600. [401 KAR 8:100 Section 5]
T-2	The public water system shall not implement a change to the approved plans without the prior written approval of the cabinet. [401 KAR 8:100 Section 4(3)]
T-3	A proposed change to the approved plans affecting sanitary features of design shall be submitted to the cabinet for approval in accordance with Section 2 of this administrative regulation. [401 KAR 8:100 Section 4(2)]
T-4	During construction, a set of approved plans and specifications shall be available at the job site. Construction shall be performed in accordance with the approved plans and specifications. [401 KAR 8:100 Section 3(1)]
T-5	Unless construction begins within two (2) years from the date of approval of the final plans and specifications, the approval shall expire. [401 KAR 8:100 Section 3(3)]
T-6	Upon completion of construction, a professional engineer shall certify in writing that the project has been completed in accordance with the approved plans and specifications. [401 KAR 8:100 Section 4(1)]
T-7	The system shall be designed to maintain a minimum pressure of 20 psi at ground level at all points in the distribution system under all conditions of flow. [Recommended Standards for Water Works 8.2.1, Drinking Water General Design Criteria IV.1.a]
T-8	Water lines should be hydraulically capable of a flow velocity of 2.5 ft/s while maintaining a pressure of at least 20 psi. [Drinking Water General Design Criteria IV.1.b]
T-9	The normal working pressure in the distribution system at the service connection shall not be less than 30 psi under peak demand flow conditions. Peak demand is defined as the maximum customer water usage rate, expressed in gallons per minute (gpm), in the pressure zone of interest during a 24 hour (diurnal) time period. [Drinking Water General Design Criteria IV.1.d]
T-10	When static pressure exceeds 150 psi, pressure reducing devices shall be provided on mains or as part of the meter setting on individual service lines in the distribution system. [Drinking Water General Design Criteria IV.1.c]
T-11	The minimum size of water main in the distribution system where fire protection is not to be provided should be a minimum of three (3) inch diameter. Any departure from minimum requirements shall be justified by hydraulic analysis and future water use, and can be considered only in special circumstances. [Recommended Standards for Water Works 8.2.2, Drinking Water General Design Criteria IV.2.b]

Distribution-Water Line Extension
Bracken Co Water District
Facility Requirements

Activity ID No.:APE20200001

Page 2 of 4

PORT000000039 (Augusta Supply Line Project) 5100 linear feet of 12 inch DI water line and 300 liner feet of 4 inch PVC water line:

Narrative Requirements:

Condition No.	Condition
T-12	Water mains not designed to carry fire-flows shall not have fire hydrants connected to them. [Recommended Standards for Water Works 8.4.1.b]
T-13	Flushing devices should be sized to provide flows which will give a velocity of at least 2.5 feet per second in the water main being flushed. [Recommended Standards for Water Works 8.2.4.b, Recommended Standards for Water Works 8.4.1.b]
T-14	No flushing device shall be directly connected to any sewer. [Recommended Standards for Water Works 8.2.4.b, Recommended Standards for Water Works 8.4.1.b]
T-15	Pipe shall be constructed to a depth providing a minimum cover of 30 inches to top of pipe. [Drinking Water General Design Criteria IV.3.a]
T-16	Water mains shall be covered with sufficient earth or other insulation to prevent freezing. [Recommended Standards for Water Works 8.7]
T-17	A continuous and uniform bedding shall be provided in the trench for all buried pipe. Backfill material shall be tamped in layers around the pipe and to a sufficient height above the pipe to adequately support and protect the pipe. Stones found in the trench shall be removed for a depth of at least six inches below the bottom of the pipe. [Recommended Standards for Water Works 8.7]
T-18	Water line installation shall incorporate the provisions of the AWWA standards and/or manufacturer's recommended installation procedures. [Recommended Standards for Water Works 8.7]
T-19	All materials used for the rehabilitation of water mains shall meet ANSI/NSF standards. [Recommended Standards for Water Works 8.1]
T-20	Packing and jointing materials used in the joints of pipe shall meet the standards of AWWA and the reviewing authority. [Recommended Standards for Water Works 8.1]
T-21	All tees, bends, plugs and hydrants shall be provided with reaction blocking, tie rods or joints designed to prevent movement. [Recommended Standards for Water Works 8.7]
T-22	All materials including pipe, fittings, valves and fire hydrants shall conform to the latest standards issued by the ASTM, AWWA and ANSI/NSF, where such standards exist, and be acceptable to the Division of Water. [Recommended Standards for Water Works 8.1]
T-23	Water mains which have been used previously for conveying potable water may be reused provided they meet the above standards and have been restored practically to their original condition. [Recommended Standards for Water Works 8.1]

Distribution-Water Line Extension

Bracken Co Water District
Facility Requirements

Activity ID No.:APE20200001

PORT0000000039 (Augusta Supply Line Project) 5100 linear feet of 12 inch DI water line and 300 liner feet of 4 inch PVC water line:

Narrative Requirements:

Condition No.	Condition
T-24	Manufacturer approved transition joints shall be used between dissimilar piping materials. [Recommended Standards for Water Works 8.1]
T-25	The minimum size of water main which provides for fire protection and serving fire hydrants shall be six inch diameter. [Recommended Standards for Water Works 8.2, Drinking Water General Design Criteria IV.2.a]
T-26	Pipes and pipe fittings containing more than 8% lead shall not be used. All products shall comply with ANSI/NSF standards. [Recommended Standards for Water Works 8.1]
T-27	Gaskets containing lead shall not be used. Repairs to lead joint pipe shall be made using alternative methods. [Recommended Standards for Water Works 8.1]
T-28	Pipe materials shall be selected to protect against both internal and external pipe corrosion. [Recommended Standards for Water Works 8.1]
T-29	Dead end mains shall be equipped with a means to provide adequate flushing. [Recommended Standards for Water Works 8.2]
T-30	The hydrant lead shall be a minimum of six inches in diameter. Auxiliary valves shall be installed on all hydrant leads. [Recommended Standards for Water Works 8.4.3]
T-31	A sufficient number of valves shall be provided on water mains to minimize inconvenience and sanitary hazards during repairs. [Recommended Standards for Water Works 8.3]
T-32	Wherever possible, chambers, pits or manholes containing valves, blowoffs, meters, or other such appurtenances to a distribution system, shall not be located in areas subject to flooding or in areas of high groundwater. Such chambers or pits should drain to the ground surface, or to absorption pits underground. The chambers, pits and manholes shall not connect directly to any storm drain or sanitary sewer. Blowoffs shall not connect directly to any storm drain or sanitary sewer. [Recommended Standards for Water Works 8.6]
T-33	At high points in water mains where air can accumulate provisions shall be made to remove the air by means of air relief valves. [Recommended Standards for Water Works 8.5.1]
T-34	Automatic air relief valves shall not be used in situations where flooding of the manhole or chamber may occur. [Recommended Standards for Water Works 8.5.1]
T-35	The open end of an air relief pipe from automatic valves shall be extended to at least one foot above grade and provided with a screened, downward facing elbow. [Recommended Standards for Water Works 8.5.2.c]

Distribution-Water Line Extension
Bracken Co Water District
Facility Requirements

Activity ID No.:APE20200001

Page 4 of 4

PORT0000000039 (Augusta Supply Line Project) 5100 linear feet of 12 inch DI water line and 300 liner feet of 4 inch PVC water line:

Narrative Requirements:

Condition No.	Condition
T-36	Discharge piping from air relief valves shall not connect directly to any storm drain, storm sewer, or sanitary sewer. [Recommended Standards for Water Works 8.5.2.d]
T-37	Water pipe shall be constructed with a lateral separation of 10 feet or more from any gravity sanitary or combined sewer measured edge to edge where practical. If not practical a variance may be requested to allow the water pipe to be installed closer to the gravity sanitary or combined sewer provided the water pipe is laid in a separate trench or undisturbed shelf located on one side of the sewer with the bottom of the pipe at least 18 inches above the top of the gravity sanitary or combined sewer pipe. [Drinking Water General Design Criteria IV.3.b]
T-38	Water lines crossing sanitary, combined or storm sewers shall be laid to provide a minimum vertical distance of 18 inches between the outside of the water main and the outside of the sanitary, combined or storm sewer with preference to the water main located above the sanitary, combined or storm sewer. [Drinking Water General Design Criteria IV.3.c]
T-39	At crossings, one full length of water pipe shall be located so both joints will be as far from the sewer as possible. [Recommended Standards for Water Works 8.8.3.b]
T-40	There shall be no connection between the distribution system and any pipes, pumps, hydrants, or tanks whereby unsafe water or other contaminating materials may be discharged or drawn into the system. [Recommended Standards for Water Works 8.10.1]
T-41	Water utilities shall have a cross connection program conforming to 401 KAR 8. [Recommended Standards for Water Works 8.10.1]
T-42	Installed pipe shall be pressure tested and leakage tested in accordance with the appropriate AWWA Standards. [Recommended Standards for Water Works 8.7.6]
T-43	New, cleaned and repaired water mains shall be disinfected in accordance with AWWA Standard C651. The specifications shall include detailed procedures for the adequate flushing, disinfection, and microbiological testing of all water mains. In an emergency or unusual situation, the disinfection procedure shall be discussed with the Division of Water. [Recommended Standards for Water Works 8.7.7]
T-44	A minimum cover of five feet shall be provided over pipe crossing underwater. [Recommended Standards for Water Works 8.9.2]
T-45	Valves shall be provided at both ends of water crossings so that the section can be isolated for testing or repair; the valves shall be easily accessible, and not subject to flooding for pipes crossing underwater. [Recommended Standards for Water Works 8.9.2.b]
T-46	Permanent taps or other provisions to allow insertion of a small meter to determine leakage and obtain water samples on each side of the valve closest to the supply source for pipes crossing. [Recommended Standards for Water Works 8.9.2.c]



Andy Beshear
Governor

COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
Department of Highways, District 6 Office
421 Buttermilk Pike
Covington, Kentucky 41017
(859) 341-2700
www.transportation.ky.gov/

Jim Gray
Secretary

August 13, 2020

Bracken County Water District
Diana Moran
1324 Brooksville Germantown Rd
Brooksville, Kentucky 41004

Subject: Permit #: 06-2020-00638
Permit Type: Utilities - Water
Approval

Dear Applicant:

Attached is your permit approval and documentation for the subject permit.

Be advised that all work must be done in conformity with permit and application conditions. If you have any questions, please contact the Permits Section at this office.

Sincerely,

A handwritten signature in cursive script that reads "Linzy Brefeld".

Linzy Brefeld
D6 Permits Supervisor

Attachments



An Equal Opportunity Employer M/F/D

APPROVED
August 13, 2020
Kentucky Transportation Cabinet
District 6
06-2020-00638

NOTICE OF COMPLETION OF ENCROACHMENT PERMIT WORK

PERMITTEE

Name: Bracken County Water District
Contact Person: Diana Moran
Address: 1324 Brooksville Germantown Rd
City: Brooksville
State: Kentucky
Zip: 41004
Telephone: (606) 735-3513

PROJECT IDENTIFICATION

Permit Number: 06-2020-00638

I wish to notify the Department of Highways that the above mentioned permit work and any necessary right-of-way restoration have been completed and are ready for final inspection.

Permittee

Please return this form to the address below when work is completed and ready for final inspection.

Please Return to: Permit Engineer
Department of Highways, District 6 Office
421 Buttermilk Pike
Covington, Kentucky 41017
(859) 341-2700
www.transportation.ky.gov/

LOCATION(S)			
Description	County - Route	Latitude	Longitude
Install Water Line	Bracken - KY 8	38.767347	-84.027833

APPROVED
August 13, 2020
Kentucky Transportation Cabinet
District 6
06-2020-00638



Kentucky Transportation Cabinet
 Department of Highways
 Division of Maintenance
 Permits Branch

TC 99-1 (B)
 07/2018
 Page 1 of 1

ENCROACHMENT PERMIT

KYTC KEPT #: 06-2020-00638

Permittee: Bracken County Water District

Permit Type / Subtype: Utilities / Water

Work Completion Date: 7/31/2021

INDEMNITIES		
Type	Amount Required	Tracking Number
Performance Bond	\$0.00	
Cash / Check	\$0.00	
Self-Insured	\$0.00	
Payment Bond	\$0.00	
Liability Insurance	\$0.00	

This permit has been: **APPROVED** **DENIED**

Linzy Brefeld D6 Permits Supervisor 8/12/2020

SIGNATURE TITLE DATE

The TC 99-1(B), including the application TC-99 1(A) and all related and accompanying documents and drawings make up the permit. It is not a permit unless both the TC 99-1(A) and TC 99-1(B) are both present.

LOCATION(S)			
Description	County - Route	Latitude	Longitude
Install Water Line	Bracken - KY 8	38.767347	-84.027833



To Submit a Locate Request
 24 Hours a Day, Seven Days a Week
 Call 811 or 800-752-6007

APPROVED
 August 13, 2020
 Kentucky Transportation Cabinet
 District 6
 06-2020-00638



Kentucky Transportation Cabinet
 Department of Highways
 Permits Branch

TC 99-1 (A)
 8/2012
 Page 1 of 4

APPLICATION FOR ENCROACHMENT PERMIT

Permittee Information				KYTC No. T06-2020-00638	
Name	Bracken County Water District			Permit Information	
Address	1324 Brooksville Germantown Road			Address	varies
City	Brooksville			City	
State	KY	Zip	41004	State	KY Zip 41004
Phone#	606-735-3513			County	Bracken
Contact	Diana Moran			Route No.	KY 8 Mile-Point See Below
Phone	606-735-3513	Cell	n/a	Longitude (X)	varies
Email	d.moran@brackencountywaterdistrict.com			Latitude (Y)	varies
Contact	Anthony Habermehl, Chairman			Information below to be filled out by KYTC	
Phone	606-735-3513	Cell	N/A	<input type="checkbox"/> Air Right	<input type="checkbox"/> Entrance
Email	N/A			<input checked="" type="checkbox"/> Utilities	<input type="checkbox"/> Other: _____
				<input checked="" type="checkbox"/> Left	<input checked="" type="checkbox"/> Right
				<input checked="" type="checkbox"/> X-ing	
Access:				<input type="checkbox"/> Full	<input type="checkbox"/> Partial
				<input checked="" type="checkbox"/> by Permit	

General Description of Work:

Work includes installation of new D.I. watermain at various points within the state roadway of KY 8 located throughout Bracken County. The roadway involved includes KY 8 in Bracken County and includes the following milepoints:
 Crossings at M.P.12.74
 M.P. 12.18 TO M.P. 12.74

THE UNDERSIGNED PERMITTEE(s) (being duly authorized representative(s) or owner(s)) DO AGREE TO ALL TERMS AND CONDITIONS ON THE TC 99-1 (A).

Diana Moran

7/28/20

Signature

Date

This is not a permit unless and until the permittee(s) receives an approved TC 99-1(B) from KYTC. This application will become void if not approved by the cancellation date. The cancellation date will be one year from the date the permittee submits their application.

APPROVED
 August 13, 2020
 Kentucky Transportation Cabinet
 District 6
 06-2020-00638



Kentucky Transportation Cabinet
 Department of Highways
 Permits Branch

TC 99-1 (A)
 8/2012
 Page 2 of 4

APPLICATION FOR ENCROACHMENT PERMIT

TERMS AND CONDITIONS

1. The permit, including this application and all related and accompanying documents and drawings making up the permit, remains in effect and is binding upon the Applicant/Permittee, its successors and assigns, as long as the encroachment(s) exists and also until the permittee is finally relieved by the Department of Highways from all its obligations.
2. Applicant shall meet all requirements of the Clean Water Act if the project will disturb one acre or more, the applicant shall obtain a KPDES KYR10 Permit from the Kentucky Division of Water. All disturbed areas shall meet the requirements of the Department of Highway's Standard Specifications, Sections 212 and 213, as amended.
3. **INDEMNITY:**
 - A. **PERFORMANCE BOND:** The permittee shall provide to the Department a performance bond according to the Permits Manual, Section PE-203 as a guarantee of conformance with the Department's Encroachment Permit requirements.
 - B. **PAYMENT BOND:** At the discretion of the department, a payment bond will be required of the permittee to ensure payment of liquidated damages assessed to the permittee.
 - C. **LIABILITY INSURANCE:** Liability insurance will be required of the permittee (in an amount approved by the department) to cover all liabilities associated with the encroachment.
 - D. It shall be the responsibility of the permittee, its successors and assigns, to maintain all indemnities in full force and effect until the permittee is authorized to release the indemnity by the Department.
4. A copy of this application and all related documents making up the approved permit will be given to the applicant and shall be made readily available for review at the work site at all times.
5. Perpetual maintenance of the encroachment is the responsibility of the permittee, its successors and assigns, with the approval of the Department as required, unless otherwise stated.
6. Permittee, its successors and assigns, shall comply with and agrees to be bound by the requirements and terms of (a) this application and all related documents making up the approved permit, (b) by the Department's Permits Manual, and (c) by the Manual on Uniform Traffic Control Devices, both manuals as revised to and in effect on the date of issuance of the permit, all of which documents are made a part thereof by this reference. Compliance by the permittee, its successors and assigns, with subsequent revisions to applicable provisions of either manual or other policy of the Department may be made a condition of allowing the encroachment to persist under the permit.
7. Permittee agrees that this and any encroachment may be ordered removed by the Department at any time, and for any reason, upon thirty days written notice to the last known address of the applicant or to the address at the location of the encroachment. The permittee agrees that the cost of removing and of restoring the associated right-of-way is the responsibility of the permittee, its successors and assigns.
8. Permittee, its successors and assigns, agree that if the Department determines that motor vehicular safety deficiencies develop as a result of the installation or use of the encroachment, the permittee, its successors and assigns, shall provide and bear the expenses to adjust, relocate, or reconstruct the facilities, and/or add signs, auxiliary lanes, or other corrective measures reasonably deemed necessary by the Department within a reasonable time after receipt of a written notice of such deficiency. The period within which such adjustments, relocations, additions, modifications, and/or other corrective measures must be completed will be specified in the notice.
9. Where traffic signals are required as a condition of granting the requested permit or are thereafter required to correct motor vehicular safety deficiencies, as determined by the Department, the costs for signal equipment and

APPROVED
 August 21, 2020
 Kentucky Transportation Cabinet
 District 6
 06-2020-00638



Kentucky Transportation Cabinet
Department of Highways
Permits Branch

APPLICATION FOR ENCROACHMENT PERMIT

installation(s) shall be borne by the permittee, its successors and assigns, and/or the Department in its reasonable discretion and only in accordance with the Department's current policy set forth in the Traffic Operations Manual and Permits Manual. Any modifications to the permittee's entrance necessary to accommodate signalization (including necessary easement(s) on private property) shall be the responsibility of the permittee, its successors and assigns, at no expense to the Department.

10. The requested encroachment shall not infringe on the frontage rights of an abutting owner without their written consent as hereinafter described. Each abutting owner shall express their consent, which shall be binding on their successors and assigns, by the submission of a notarized statement as follows, "I _____ (we),

_____ hereby consent to the granting of the permit requested by the applicant along Route _____, which permit does affect frontage rights along my (our) adjacent real property." By _____ signature(s) _____ subscribed and sworn by _____ on this date _____.

11. The permit, if approved, is subject to the agreement that it shall not interfere with any similar rights or permit(s) previously granted to any other party, except as otherwise provided by law.

12. Permittee shall include documentation which describes the facilities to be constructed. Permittee, its successors and assigns, agrees as a condition of the granting of the permit to construct and maintain any and all permitted facilities or other encroachments in strict accordance with the submitted and approved permit documentation and the policies and procedures of the Department. Permittee, its successors and assigns, shall not use facilities authorized herein in any manner contrary to that prescribed by the approved permit. Only normal usage as contemplated by the parties and by this application and routine maintenance are authorized by the permit.

13. Permittee, its successors and assigns, at all times from the date permitted work is commenced until such time as all permitted facilities or other encroachments are removed from the right-of-way and the right-of-way restored, shall defend, protect, indemnify and save harmless the Department from any and all liability claims and demands arising out of the work, encroachment, maintenance, or other undertaking by the permittee, its successors and assigns, related or undertaken pursuant to the granted permit, due to any claimed act or omission by the permittee, its servants, agents, employees, or contractors. This provision shall not inure to the benefit of any third party nor operate to enlarge any liability of the Department beyond that existing at common law or otherwise if this right to indemnity did not exist.

14. Upon a violation of any provision of the permit, or otherwise in its reasonable discretion, the Department may require additional action by the permittee, its successors and assigns, up to and including the removal of the encroachment and restoration of the right-of-way. In the event additional actions required by the Department under the permit are not undertaken as ordered and within a reasonable time, the Department may in its discretion cause those or other additional corrective actions to be undertaken and the Department may and shall recover the reasonable costs of those corrective actions from the permittee, its successors and assigns.

15. Permittee, its successors and assigns, shall use the encroachment premises in compliance with all requirements of federal law and regulation, including those imposed pursuant to Title VI of the Civil Right Act of 1964 (42 U.S.C. § 2000d et seq.) and the related regulations of the U.S. Department of Transportation in Title 49 C.F.R. Part 21, all as amended.

16. Permittee, its successors and assigns, agree that if the Department determines it is necessary for the facilities or other encroachment authorized by the permit to be removed, relocated or reconstructed in connection with the reconstruction, relocation or improvement of a highway, the Department may revoke permission for the

APPROVED
August 13, 2020
Kentucky Transportation Cabinet
District 6
06-2020-00638



Kentucky Transportation Cabinet
Department of Highways
Permits Branch

TC 99-1 (A)
8/2012
Page 4 of 4

APPLICATION FOR ENCROACHMENT PERMIT

encroachment to remain under the permit and may order its removal, relocation or reconstruction by the permittee, its successors and assigns, at the expense of the permittee, except where the Department is required by law to pay any or all of those costs.

17. Permittee agrees that the authorized permit is personal to the permittee and shall remain in effect until such time as (a) the permittee's rights to the adjoining real property to have benefitted from the requested encroachment have been relinquished, (b) until all permit obligations have been assumed by appropriate successors and assigns, and (c) unless and until a written release from permit obligations has been granted by the Department. The permit and its requirements shall also bind the real property to have benefitted from the requested encroachment to the extent permitted by law. The permit and the related encroachment become the responsibility of the successors and assigns of the permittee and the successors and assigns of each property owner benefitting from the encroachment, or the encroachment may not otherwise permissibly continue to be maintained on the right-of-way. (Does not apply to utility encroachments serving the general public.)

18. If work authorized by the permit is within a highway construction project in the construction phase, it shall be the responsibility of the permittee to make personal contact with the Department's Engineer on the project in order to coordinate all permitted work with the Department's prime contractor on the project.

19. This permit is not intended to, nor shall it, affect, alter or alleviate any requirement imposed upon the permittee, its successors and assigns, by any other agency.

20. Permittee, its successors and assigns, agrees to contain and maintain all dirt, mud, and other debris emanating from the encroachment away from the surrounding right-of-way and the travel way of the highway hereafter and at all times that its obligations under the permit remain in effect.

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August 13, 2020
Kentucky Transportation Cabinet
District 6
06-2020-00638

AUGUST 1

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August 13, 2020
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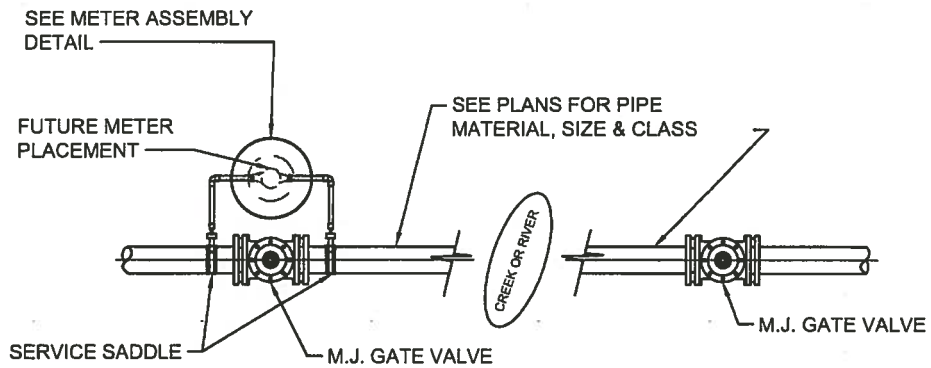
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SCALE.

GENERAL NOTES

- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND THE ENGINEER TWO WORKING DAYS (MINIMUM) BEFORE BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH CITY, COUNTY AND STATE REQUIREMENTS.
- THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF CONSTRUCTION PLANS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION.
- EXISTING UTILITIES, ESPECIALLY GAS LINES AND OIL LINES, MAY BE CATHODICALLY PROTECTED. THEREFORE, DUCTILE IRON PIPE, FITTINGS, GATE VALVES, AND/OR BOXES LAID WITHIN 100' OF LINES CATHODIC PROTECTION SHALL BE WRAPPED IN POLYETHYLENE ENCASEMENT. MATERIALS AND INSTALLATION SHALL MEET THE REQUIREMENTS OF AWWA'S LATEST REVISION.
- ALL CONSTRUCTION AND INSTALLATION OF MATERIALS BEING USED SHALL BE IN CONFORMANCE WITH PLANS AND SPECIFICATIONS. SUBSTITUTIONS AND DEVIATION SHALL BE PERMITTED ONLY WHEN WRITTEN APPROVAL HAS BEEN ISSUED BY THE ENGINEER.
- SHOP DRAWINGS OF ALL MATERIALS BEING USED SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- EXISTING UTILITIES HAVE BEEN SHOWN IN THEIR APPROXIMATE LOCATION. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH A REPRESENTATIVE WHEN WORKING NEAR EXISTING UTILITIES.
- THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER IMPROVEMENTS SHOWN ON THESE PLANS AND ALL OTHER UTILITIES AND OTHER IMPROVEMENTS NOT SHOWN. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR REPAIRS OF UTILITIES AND OTHER IMPROVEMENTS DAMAGED DURING CONSTRUCTION.
- UNLESS OTHERWISE NOTED, A SEPARATE BID ITEM HAS NOT BEEN ESTABLISHED FOR FITTINGS. THE FITTINGS INCLUDED BUT NOT LIMITED TO ARE: TEES, BENDS, PLUGS, REDUCERS, CROSSES, COUPLERS, ETC. CONTRACTORS SHALL INCLUDE THE COST OF THESE ITEMS IN THE BID PRICE FOR THE PIPE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE TEMPORARY REMOVAL/RELOCATION OF TRAILERS, BUILDINGS, FENCES, TREES, SHRUBS, ETC. AND REPLACEMENT OF SAID ITEMS AFTER CONSTRUCTION ACTIVITIES.

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LEAK DETECTION ASSEMBLY - DETAIL

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METER MATERIAL SCHEDULE

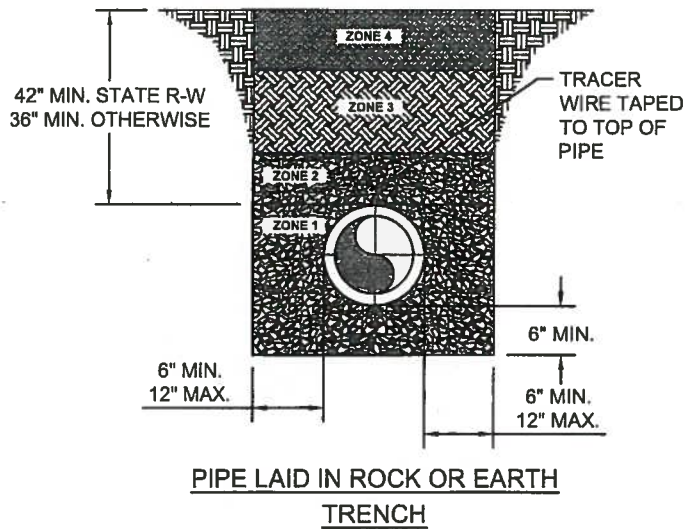
1. YOKE-SEE SPECIFICATIONS
2. METER BOX-SEE SPECIFICATIONS
3. COVER-SEE SPECIFICATIONS
4. METER-SEE SPECIFICATIONS
5. INDIVIDUAL PRESSURE REDUCING VALVE

NOTE:

1. CONTRACTOR IS RESPONSIBLE FOR ALL PLUMBING PERMITS & ASSOCIATED COSTS.
2. SEE SPECIFICATIONS REGARDING SPECIFIC MAKE, MODEL, TYPE & STYLE OF FITTINGS, METER, METER BOX, COPPER SETTERS, IPRVs, BOX LID, ETC.
3. INDIVIDUAL PRESSURE REDUCING VALVES REQUIRED ON ALL METERS WHERE PRESSURE EXCEEDS 90 PSI.

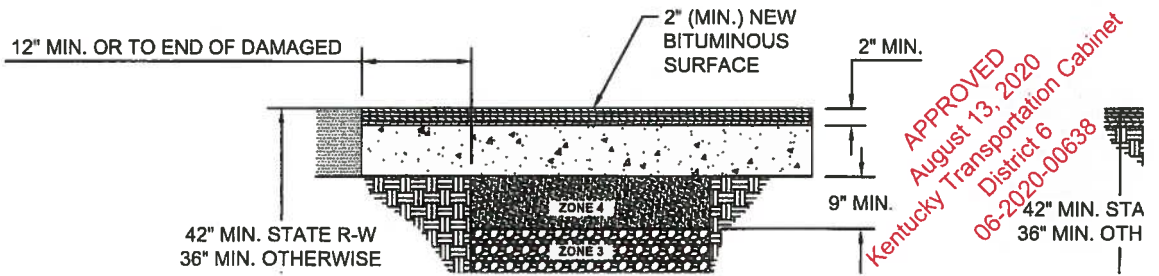
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November 13, 2020
Kensley Distribution Cabinet
2020-00638

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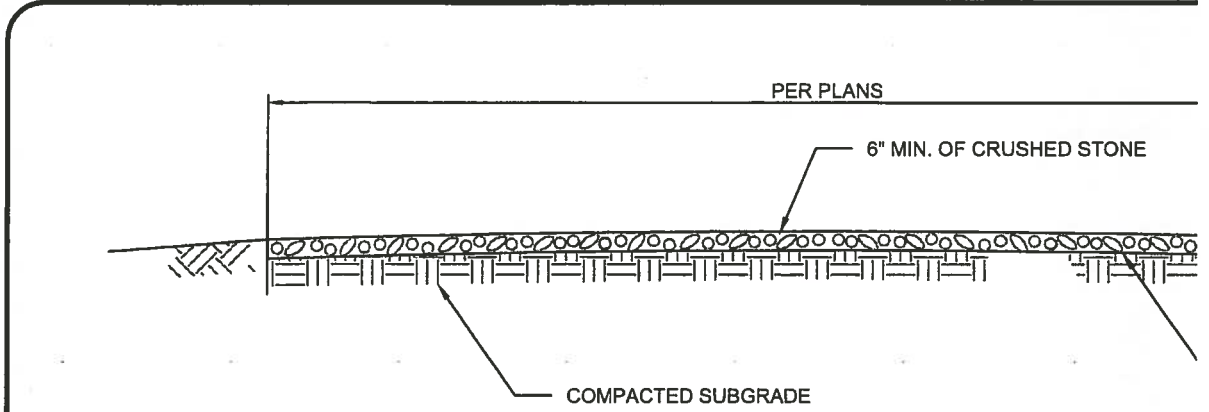
DETAIL 1

1. COVER UP ESTABLISHED
2. ZONE 4 - INCLUDING T
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5. ZONE 1 - AREAS, SH/ DEBRIS OR (SHALL USE BEDDING MA ENCOUNTER



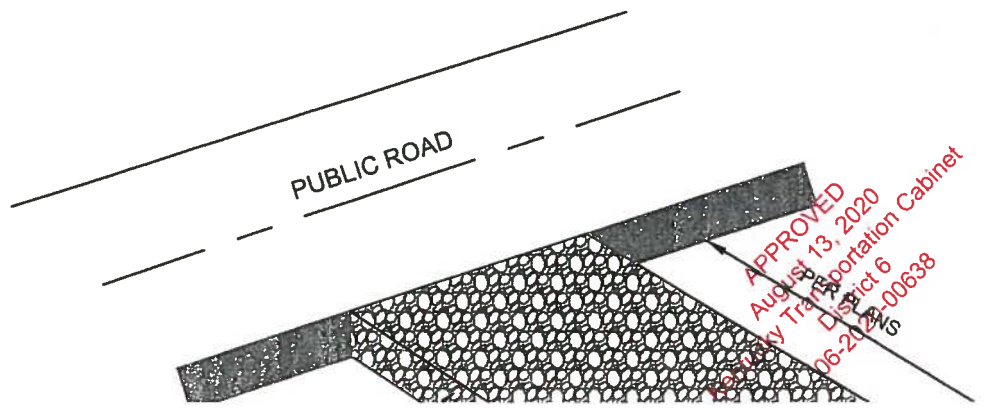
APPROVED
 August 13, 2020
 District 6
 Kentucky Transportation Cabinet
 06-2020-00638

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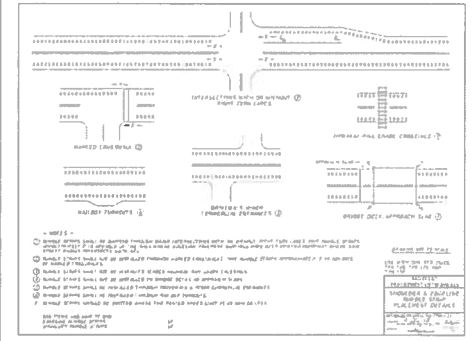
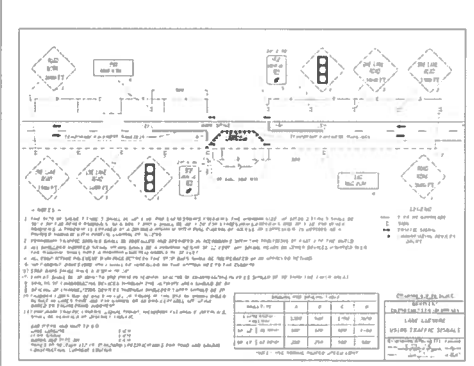
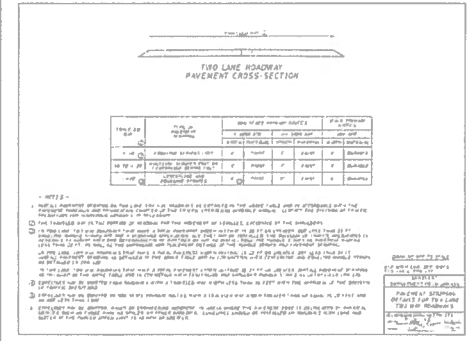
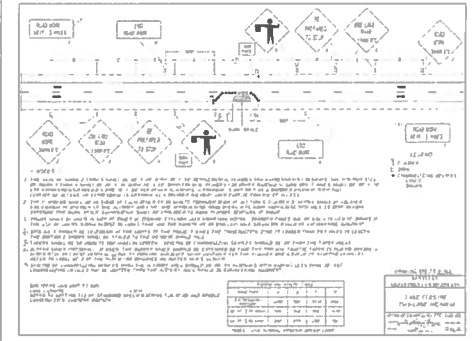
STABILIZED CONSTRUCTION ENTRANCE - SECTION

NOT TO SCALE



FIELD MODIFICATIONS TO THIS PLAN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND RESTORATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT PROPERTIES AND SHALL BE RESPONSIBLE FOR THE RESTORATION OF THE SAME.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT PROPERTIES AND SHALL BE RESPONSIBLE FOR THE RESTORATION OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND RESTORATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE RESTORATION OF THE SAME.



NO.	DATE	REVISION

AUGUSTA SUPPLY LINE PROJECT
STANDARD DETAILS - KYTC TRAFFIC CONTROL



PROJECT #	1903
DATE	APR 2018
PROJECT MGR	PSA
DRAWN BY	CSB
CHECKED BY	MSJ



10712

BID SET

ENCROACHMENT PERMIT GENERAL NOTES & SPECIFICATIONS

Permit No. T06-2020-00638

I. SAFETY

A. General Provisions

- All signs and control of traffic shall be in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) for Streets and Highways, latest edition, Part VI, and safety requirements shall comply with the Permits Manual. Federal law requires that traffic control shall be implemented in accordance with MUTCD standards and KYTC's Standard Specifications for Road and Bridge Construction (KYTC SSRBC) under the supervision of a certified Work Zone Traffic Control Supervisor.
- All work necessary in shoulder or ditch line areas of a state highway shall be scheduled to be promptly completed so that hazards adjacent to the traveled way are kept to an absolute minimum.
- No more than one (1) traveled-lane shall be blocked or obstructed during normal working hours. All signs and flaggers during lane closure shall conform to the MUTCD. The traveled-way and shoulders shall be kept clear of mud and other construction debris at all times during construction of the permitted facility. No non-construction equipment or vehicles or office trailers shall be allowed on the right of way during working hours. The right of way shall be left free and clear of equipment, material, and vehicles during non-working hours.
- When necessary to block one (1) traveled-lane of a state highway, the normal working hours shall be as directed by the Department. No lanes shall be blocked or obstructed during adverse weather conditions (rain, snow, fog, etc.) without specific permission from the Department.
- Working hours shall be between 9:00AM and 3:00PM.
- Date and time restrictions pertaining to this permit are as follows:

B. Explosives

- No explosive devices or explosive material shall be used within state right of way without proper license and approval of the Kentucky Department of Mines and Minerals, Explosive Division.

C. OSHA

- Kentucky Occupational Safety and Health Standards for the construction industry, which has the effect of law, states in part: (Page 52, 1926.651, Specific Excavation Requirements) "Prior to opening an excavation, effort shall be made to determine whether underground installations, (sewer, telephone, water, fuel, electric lines, etc.) will be encountered, and if so, where such underground installations are located. When the excavation approaches the estimated location of such an installation, the exact location shall be determined, and when it is uncovered, proper supports shall be provided for the existing installation. Utility companies shall be contacted and advised of proposed work prior to the start of actual excavation."

D. Archaeological

- Whenever materials of an archaeological nature are discovered during the course of construction work or maintenance operations, contact shall be made immediately with the Division of Environmental Analysis, which maintains an archaeologist on staff, or with the Office of the State Archaeologist located at the University of Kentucky. Following this consultation, further action shall be decided on a case-by-case basis by the State Highway Engineer or the Transportation Planning Engineer or their designated representative.

E. Environmental

- If the activity to which this permit related disturbs one acre or more of land, you must obtain KPDES KYR10 permit. Information can be found at <http://water.ky.gov/permitting/Pages/GeneralPermits.aspx>

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August 13, 2020
Kentucky Transportation Cabinet
District 6
06-2020-00638

II. UTILITIES

- The permittee shall be responsible for any damage to existing utilities. Any utility modifications or relocations within state right of way necessary, as determined by the Department or by the owner of the utility, shall be at the expense of the permittee and subject to the approval of the Department.
- All existing manholes and valve boxes shall be adjusted to be flush with finished grade.
- Encasement pipe shall conform to current standards for highway crossings in accordance with the Permits Manual. Pipe encasing shall not be required if the pipe crossing is 2" or less.
- Parallel lines shall be constructed between back slope of ditch line and right-of-way line and shall have a minimum of 36-inch cover above top of pipe or conduit.
- All pavement cuts shall be restored per Kentucky Transportation Cabinet standards and specifications.
- Aerial crossing of utility lines shall have a minimum clearance of 24 feet from the high point of the roadway to the low point of the line.
- The clear zone requirement shall be met to the extent possible in accordance with the Roadside Design Guide.
- Minimum depth for underground utilities is 42" under roadways, ramps, and ditch lines and 36" in all other areas within state right of way except for natural gas and petroleum fraction lines.
- Any excavation within 3' of edge of pavement will require flowable fill as backfill.

Utility notes specific to fully-controlled access highways ONLY:

- All work necessary within the right-of-way shall be performed behind a temporary fence erected prior to the start of work. The temporary woven wire fence shall be removed immediately upon completion of work on the right-of-way, and the control of access immediately restored to original condition, in accordance with applicable KYTC SSRBC. All vents, valves, manholes, etc., shall be located outside of the right-of-way. Encasement pipe shall extend from right-of-way line to right-of-way line and shall be one continuous run of pipe. The encasement pipe shall be welded at all joints. The boring pit and tail ditch shall extend past the existing toe of slope or bottom of ditch line and shall be a minimum of 42 inches deep. Work in interstate right-of-way requires approval from FHWA (Federal Highway Administration).

III. DRAINAGE

- Any negative impact to existing drainage will be the applicant's responsibility to repair in accordance with KYTC SSRBC.
- All pipe shall be laid in a straight alignment, to proper grades, and with all materials and methods of installation including bedding and joint seating. Pipe shall not be covered until inspected by the Department and express permission obtained to make backfill. It is the applicant's responsibility to request inspection.
- All gutter lines at the base of new curbs shall be on continuous grades, and pockets of water along with curbs or in entrance areas or other paved areas within the right-of-way shall not be acceptable.
- All drainage structures and appurtenances (manholes, catch basins, curbing, inlet basins, etc.) shall conform to the Department specifications and shall be constructed in accordance with the KYTC's Standard Drawings.

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August 13, 2020
Kentucky Transportation Cabinet
Drawing 6
06-2020-00638

IV. PAVING

- No bituminous pavement shall be installed within the right of way between November 15 and April 1, nor when the temperature is below 40 degrees Fahrenheit, without the express consent of the Department. No bituminous pavement shall be installed when the underlying course is wet.
- Paving within the right of way shall be as follows:
 - Base (Type): Match Existing, (Thickness) Match Existing
 - Surface Base (Type) Match Existing, (Thickness) Match Existing
 - Finished Surface (Type) Bituminous Surface, (Thickness) Match Existing

Paving requirements specific to this permit:

- Utility companies performing road cuts must restore the pavement to pre-existing condition. Pictures/videos are recommended to ensure proper placement of signs and lane markers that are temporarily removed for paving operations. In some cases, a pre-work inventory may be requested from the Department.
- Existing pavement and shoulder material shall be removed to accommodate the above paving specifications.
- The finished surface of all new pavement within the right of way shall be true to the required slope and grade, uniform in density and texture, free of irregularities, and equivalent in riding qualities to the adjacent highway pavement or as determined by KYTC.
- All materials and methods of construction, including base and subgrade preparation, shall be in accordance with KYTC's Standard Specifications. At least 24 hours notice to the Department is required prior to beginning paving operations.
Phone: 859-426-6944 Name: Brian Cox
- To ensure proper surface drainage, the new pavement shall be flush with the edge of existing highway pavement and shall slope away from the existing edge of the pavement as specified in drawings.
- Existing edge of pavement shall be saw-cut to provide a straight and uniform joint for new pavement. An approved joint sealer, in accordance with Kentucky Department of Highways Standard Specifications (latest edi-

V. ENTRANCES

- Encroachment permits issued by KYTC in no way supersede local planning/zoning requirements or subdivision regulations. KYTC has no authority with zoning changes.
- Commercial entrances must be paved to the right-of-way line. Any deviations must be approved by KYTC before installation.
- KYTC can dictate drainage improvement installation during construction or after entrance is at final grade. The permit release does not release the permit applicant from drainage maintenance.
- Signs (ground-mounted and span-mounted), stop bars, crosswalk, and proper lane markings must be in place before entrance is open for traffic. Lane width modifications must be approved by the Department.
- Guardrail installation must be pre-approved by the Department and installed by a KYTC pre-qualified contractor. Any guardrail that is removed during construction must be returned to the local KYTC maintenance facility.

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 August 19, 2020
 Kentucky Transportation Cabinet
 District 6
 06-2020-00638

VI. TRAFFIC

- Any contractor performing work within the vicinity of KYTC roadway lighting or traffic signals, must request locates from the KYTC District 6 Traffic section at least one week in advance of starting work in the right-of-way.
- Applicant must maintain all KYTC Roadway signage that is impacted by the permitted work. In the event that any signs have to be moved, it is the applicant's responsibility to mark the sign's location before removal and to install the original or new sign per KYTC standards for sign installation.
- Any thermoplastic or striping damaged during the encroachment must be restored in a timely manner per KYTC standards. Stopbars, arrows, and crosswalks must be thermoplastic material, paint is not acceptable. This work must be performed by a KYTC pre-qualified contractor.
- Excavating near a signal, lighting pole, or anchoring facility must be done so that it does not impact the structural integrity of the pole. Any work that requires a temporary support or anchoring must receive prior approval.
- If the scope of the permit involves a signal build or rebuild, it is the applicant's responsibility to apply for power service (and pay monthly electrical bill) as well as request electrical inspection from the KYTC District 6 Traffic section. If the signal modifications require timing or phasing changes this must be requested at least two weeks in advance of the signal's turn-on date. KYTC will not take ownership of permitted signals until the electrical inspection is formally accepted and approved.
- Work which impacts traffic loops requires 48-hour notice to the KYTC District 6 Traffic section at 859-341-2700. Accidental damage of a traffic loop must be reported immediately to KYTC District 6's emergency line at 859-620-2738. Any disturbed traffic loops must be replaced in a timely manner. Traffic loops out of operation for more than five working days will subject the applicant to the cancellation of the permit. Loop repair must be performed by a KYTC pre-qualified contractor.

VII. SIDEWALK SPECIFICATIONS

A. New Sidewalks

- Sidewalks shall be constructed of Class A concrete (3,500 p.s.i.), shall be ____ feet in width, 8 inches in thickness across the bituminous entrance, and 4 inches in thickness across the remaining sections. The width of the sidewalk must meet current ADA (Americans with Disabilities Act) guidelines.
- Sidewalks shall have tooled joints not less than 1 inch in depth at ____foot intervals, and premolded expansion joints extending entirely through the sidewalk at intervals not to exceed 50 feet.
- All materials and methods of construction, including curing, shall be in accordance with KYTC's latest edition of the Standard Specifications.

B. Existing Sidewalks

- (Applicable if existing sidewalks are being relocated) Use of the sidewalk shall not be blocked or obstructed and a usable walkway shall be maintained across the construction area at all times per MUTCD (Manual on Uniform Traffic Control Devices). Sidewalk closures must be approved by the Department before implementation.
- The location of ADA ramps (truncated domes/tactile warnings/etc.) will need to be field verified by the Department before installation.
- Any retrofitting will require the adherence to current ADA guidelines.
- Any section of sidewalk that becomes damaged shall be entirely replaced to match existing sections.

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August 13, 2020
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District 6
06-2020-00638

VIII. RIGHT OF WAY RESTORATION

All disturbed portions of the right of way shall be restored to grass as per Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition). A satisfactory turf, as determined by the Department, shall be established by the permittee prior to release of indemnity. Sodding or seeding shall be as follows:

Lawn or High Maintenance Situation: 70% Lawn Fescue (e.g., variety - Falcon) and 30% Bluegrass or 70% Lawn Rye (e.g., variety - Derby) and 30% Bluegrass

Right of Way Lawn Maintenance Situation: 70% KY 31 Fescue and 30% Perennial Rye Grass or 100% KY Fescue

Two tons of clean straw mulch per acre of seeding.

Prior to seeding, the ground shall be prepared in accordance with Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).

Substitutes for sod such as artificial turf, rocked mulch, or paved areas may be acceptable if they are aesthetically pleasing and receive prior approval from KYTC.

All ditch-flow lines and all ditch-side slopes shall be sodded.

Existing concrete right of way markers shall not be disturbed. If damaged in any way, they shall be entirely replaced by the permittee with new concrete markers to match the original markers, in accordance with Kentucky Department of Highways Standard Drawings. Markers that are entirely removed shall be re-established in the proper locations by the permittee and to the satisfaction of the Department.

IX. RIGHT OF WAY FENCE RESTORATION

The replacement fence shall be a height of at least 48 inches and shall be of sufficient density to contain all animals (if applicable).

The replacement fence shall be a minimum of 1 foot and a maximum of 2 feet outside the right-of-way line

The fence materials and design shall meet accepted industry standards and be treated as paintable.

The permittee shall be required to maintain the fence in a high state of repair.

The existing fence shall be removed by permittee and stored at the Department's maintenance storage yard for future reuse by the Department.

The control of access shall not be diminished as a result of replacement of the fence.

NOTICE TO PERMITTEE

THE PERMITTEE AGREES THAT ALL WORK WITHIN THE EXISTING RIGHT OF WAY SHALL BE DONE IN ACORDANCE WITH THE PLANS AS APPROVED AND PERMITTED BY AN ENCROACHMENT PERMIT. ANY CHANGES OR VARIANCES MADE AT THE TIME OF CONSTRUCTION WITHOUT WRITTEN APPROVAL FROM THE DEPARTMENT OF HIGHWAYS SHALL BE REMOVED BY THE PERMITTEE AT NO EXPENSE TO THE DEPARTMENT OF HIGHWAYS AND SHALL BE REDONE BY THE PERMITTEE TO CONFORM WITH THE APPROVED PLANS.

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August 14, 2020
Kentucky Transportation Cabinet
District 6
06-2020-00638

EXHIBIT C

Preliminary Number Runs

Preliminary

\$1,000,000

Bracken County Water District

Loan through the Kentucky Rural Water Finance Corporation

20 year term

Sources & Uses

Dated 10/01/2020 | Delivered 10/01/2020

Sources Of Funds

Par Amount of Bonds	\$1,000,000.00
Reoffering Premium	13,582.70

Total Sources **\$1,013,582.70**

Uses Of Funds

Total Underwriter's Discount (1.550%)	15,500.00
Costs of Issuance	19,500.00
Deposit to Project Construction Fund	975,000.00
Rounding Amount	3,582.70

Total Uses **\$1,013,582.70**

Preliminary

\$1,000,000

Bracken County Water District

Loan through the Kentucky Rural Water Finance Corporation

20 year term

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/01/2020	-	-	-	-	-
02/01/2021	-	-	7,286.67	7,286.67	-
08/01/2021	45,000.00	2.000%	10,930.00	55,930.00	-
12/31/2021	-	-	-	-	63,216.67
02/01/2022	-	-	10,480.00	10,480.00	-
08/01/2022	40,000.00	2.000%	10,480.00	50,480.00	-
12/31/2022	-	-	-	-	60,960.00
02/01/2023	-	-	10,080.00	10,080.00	-
08/01/2023	40,000.00	2.000%	10,080.00	50,080.00	-
12/31/2023	-	-	-	-	60,160.00
02/01/2024	-	-	9,680.00	9,680.00	-
08/01/2024	45,000.00	2.000%	9,680.00	54,680.00	-
12/31/2024	-	-	-	-	64,360.00
02/01/2025	-	-	9,230.00	9,230.00	-
08/01/2025	45,000.00	1.900%	9,230.00	54,230.00	-
12/31/2025	-	-	-	-	63,460.00
02/01/2026	-	-	8,802.50	8,802.50	-
08/01/2026	45,000.00	1.900%	8,802.50	53,802.50	-
12/31/2026	-	-	-	-	62,605.00
02/01/2027	-	-	8,375.00	8,375.00	-
08/01/2027	45,000.00	2.500%	8,375.00	53,375.00	-
12/31/2027	-	-	-	-	61,750.00
02/01/2028	-	-	7,812.50	7,812.50	-
08/01/2028	45,000.00	2.500%	7,812.50	52,812.50	-
12/31/2028	-	-	-	-	60,625.00
02/01/2029	-	-	7,250.00	7,250.00	-
08/01/2029	50,000.00	2.350%	7,250.00	57,250.00	-
12/31/2029	-	-	-	-	64,500.00
02/01/2030	-	-	6,662.50	6,662.50	-
08/01/2030	50,000.00	2.200%	6,662.50	56,662.50	-
12/31/2030	-	-	-	-	63,325.00
02/01/2031	-	-	6,112.50	6,112.50	-
08/01/2031	50,000.00	2.200%	6,112.50	56,112.50	-
12/31/2031	-	-	-	-	62,225.00
02/01/2032	-	-	5,562.50	5,562.50	-
08/01/2032	50,000.00	2.200%	5,562.50	55,562.50	-
12/31/2032	-	-	-	-	61,125.00
02/01/2033	-	-	5,012.50	5,012.50	-
08/01/2033	50,000.00	2.200%	5,012.50	55,012.50	-
12/31/2033	-	-	-	-	60,025.00
02/01/2034	-	-	4,462.50	4,462.50	-
08/01/2034	55,000.00	2.200%	4,462.50	59,462.50	-
12/31/2034	-	-	-	-	63,925.00
02/01/2035	-	-	3,857.50	3,857.50	-
08/01/2035	55,000.00	2.150%	3,857.50	58,857.50	-
12/31/2035	-	-	-	-	62,715.00
02/01/2036	-	-	3,266.25	3,266.25	-
08/01/2036	55,000.00	2.150%	3,266.25	58,266.25	-
12/31/2036	-	-	-	-	61,532.50
02/01/2037	-	-	2,675.00	2,675.00	-
08/01/2037	55,000.00	2.200%	2,675.00	57,675.00	-
12/31/2037	-	-	-	-	60,350.00
02/01/2038	-	-	2,070.00	2,070.00	-
08/01/2038	60,000.00	2.250%	2,070.00	62,070.00	-
12/31/2038	-	-	-	-	64,140.00
02/01/2039	-	-	1,395.00	1,395.00	-
08/01/2039	60,000.00	2.300%	1,395.00	61,395.00	-

12/31/2039	-	-	-	-	62,790.00
02/01/2040	-	-	705.00	705.00	-
08/01/2040	60,000.00	2.350%	705.00	60,705.00	-
12/31/2040	-	-	-	-	61,410.00
Total	\$1,000,000.00	-	\$245,199.17	\$1,245,199.17	-

Yield Statistics

Bond Year Dollars	\$11,008.33
Average Life	11.008 Years
Average Coupon	2.2273959%

Net Interest Cost (NIC)	2.2448127%
True Interest Cost (TIC)	2.2457937%
Bond Yield for Arbitrage Purposes	2.0828513%
All Inclusive Cost (AIC)	2.5329886%

IRS Form 8038

Net Interest Cost	2.0950743%
Weighted Average Maturity	10.907 Years

Bracken Co WD 20 year | SINGLE PURPOSE | 8/ 5/2020 | 5:07 PM

Raymond James

Preliminary

\$1,000,000

Bracken County Water District

Loan through the Kentucky Rural Water Finance Corporation

20 year term

Net Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Expenses	Net New D/S
12/31/2020	-	-	-	-	-	-
12/31/2021	45,000.00	2.000%	18,216.67	63,216.67	450.00	63,666.67
12/31/2022	40,000.00	2.000%	20,960.00	60,960.00	450.00	61,410.00
12/31/2023	40,000.00	2.000%	20,160.00	60,160.00	450.00	60,610.00
12/31/2024	45,000.00	2.000%	19,360.00	64,360.00	450.00	64,810.00
12/31/2025	45,000.00	1.900%	18,460.00	63,460.00	450.00	63,910.00
12/31/2026	45,000.00	1.900%	17,605.00	62,605.00	450.00	63,055.00
12/31/2027	45,000.00	2.500%	16,750.00	61,750.00	450.00	62,200.00
12/31/2028	45,000.00	2.500%	15,625.00	60,625.00	450.00	61,075.00
12/31/2029	50,000.00	2.350%	14,500.00	64,500.00	450.00	64,950.00
12/31/2030	50,000.00	2.200%	13,325.00	63,325.00	450.00	63,775.00
12/31/2031	50,000.00	2.200%	12,225.00	62,225.00	450.00	62,675.00
12/31/2032	50,000.00	2.200%	11,125.00	61,125.00	450.00	61,575.00
12/31/2033	50,000.00	2.200%	10,025.00	60,025.00	450.00	60,475.00
12/31/2034	55,000.00	2.200%	8,925.00	63,925.00	450.00	64,375.00
12/31/2035	55,000.00	2.150%	7,715.00	62,715.00	450.00	63,165.00
12/31/2036	55,000.00	2.150%	6,532.50	61,532.50	450.00	61,982.50
12/31/2037	55,000.00	2.200%	5,350.00	60,350.00	450.00	60,800.00
12/31/2038	60,000.00	2.250%	4,140.00	64,140.00	450.00	64,590.00
12/31/2039	60,000.00	2.300%	2,790.00	62,790.00	450.00	63,240.00
12/31/2040	60,000.00	2.350%	1,410.00	61,410.00	450.00	61,860.00
Total	\$1,000,000.00	-	\$245,199.17	\$1,245,199.17	\$9,000.00	\$1,254,199.17

Preliminary

\$1,000,000

Bracken County Water District

Loan through the Kentucky Rural Water Finance Corporation

20 year term

Pricing Summary

Maturity	Type of Bond	Coupon	Yield	Maturity Value	Price	Dollar Price
08/01/2021	Serial Coupon	2.000%	0.790%	45,000.00	101.002%	45,450.90
08/01/2022	Serial Coupon	2.000%	0.810%	40,000.00	102.160%	40,864.00
08/01/2023	Serial Coupon	2.000%	1.080%	40,000.00	102.559%	41,023.60
08/01/2024	Serial Coupon	2.000%	1.190%	45,000.00	103.025%	46,361.25
08/01/2025	Serial Coupon	1.900%	1.260%	45,000.00	102.991%	46,345.95
08/01/2026	Serial Coupon	1.900%	1.360%	45,000.00	103.017%	46,357.65
08/01/2027	Serial Coupon	2.500%	1.600%	45,000.00	105.802%	47,610.90
08/01/2028	Serial Coupon	2.500%	1.690%	45,000.00	105.918%	47,663.10
08/01/2029	Serial Coupon	2.350%	1.750%	50,000.00	104.889%	52,444.50
08/01/2030	Serial Coupon	2.200%	1.810%	50,000.00	103.497%	51,748.50
08/01/2031	Serial Coupon	2.200%	1.970%	50,000.00	102.232%	51,116.00
08/01/2032	Serial Coupon	2.200%	2.040%	50,000.00	101.673%	50,836.50
08/01/2033	Serial Coupon	2.200%	2.140%	50,000.00	100.668%	50,334.00
08/01/2034	Serial Coupon	2.200%	2.170%	55,000.00	100.355%	55,195.25
08/01/2035	Serial Coupon	2.150%	2.220%	55,000.00	99.118%	54,514.90
08/01/2036	Serial Coupon	2.150%	2.260%	55,000.00	98.541%	54,197.55
08/01/2037	Serial Coupon	2.200%	2.300%	55,000.00	98.609%	54,234.95
08/01/2038	Serial Coupon	2.250%	2.350%	60,000.00	98.548%	59,128.80
08/01/2039	Serial Coupon	2.300%	2.400%	60,000.00	98.490%	59,094.00
08/01/2040	Serial Coupon	2.350%	2.450%	60,000.00	98.434%	59,060.40
Total	-	-	-	\$1,000,000.00	-	\$1,013,582.70

Bid Information

Par Amount of Bonds	\$1,000,000.00
Reoffering Premium or (Discount)	13,582.70
Gross Production	\$1,013,582.70
Total Underwriter's Discount (1.550%)	\$(15,500.00)
Bid (99.808%)	998,082.70
Total Purchase Price	\$998,082.70
Bond Year Dollars	\$11,008.33
Average Life	11.008 Years
Average Coupon	2.2273959%
Net Interest Cost (NIC)	2.2448127%
True Interest Cost (TIC)	2.2457937%

EXHIBIT D

Final Project Budget



222 East Main Street, Ste. 1 - Georgetown, KY 40324

Client: Bracken County Water District
 Project: Augusta Supply Line Replacement Preferred Proposed Route
 Date: 7/30/2020

Construction Costs

Item #	Description	Quantity	Unit	Unit Cost	Item Cost
1	12" Ductile Iron Class 350 Water Main w/Field Lok Gaskets	5,250	LF	\$ 147.00	\$ 771,750
2	4" C900 PVC Water Main	400	LF	\$ 30.00	\$ 12,000
3	12" Gate Valve & Box	4	EA	\$ 3,000.00	\$ 12,000
4	10" Gate Valve & Box	4	EA	\$ 2,400.00	\$ 9,600
5	4" Gate Valve & Box	1	EA	\$ 800.00	\$ 800
6	6" Flush Hydrant Assembly	2	EA	\$ 6,000.00	\$ 12,000
7	Blow Off Hydrant Assembly	1	EA	\$ 3,000.00	\$ 3,000
8	20" Steel Casing Pipe, Open Cut	20	LF	\$ 200.00	\$ 4,000
9	20" Steel Casing Pipe, Bore & Jack	30	LF	\$ 300.00	\$ 9,000
10	Connection to Existing W.M.	3	EA	\$ 5,500.00	\$ 16,500
11	Tandem Meter Setter w/customer meter and PRV	1	EA	\$ 2,000.00	\$ 2,000
Alt. #1	Additional Milling & Paving of Augusta Berlin Road	1	LS	\$ 15,000.00	\$ 15,000
Total - Construction Cost					\$ 867,650
Non-Construction Costs					
					\$ -
Administrative & Legal Expenses					\$ 3,500
Interest Expenses					
Land, Appraisals, Easements					\$ 5,000
Planning					\$ 15,000
Engineering Fees - Design					\$ 48,000
Engineering Fees - Construction Administration					\$ 20,250
Engineering Fees - Inspection					\$ 45,500
Engineering Fees - Other					
Total - Non-Construction Costs					\$ 137,250
Project Funding per Source					
KRWFC Loan (net of issuance costs)					\$ 975,000
Local Funds (BCWD)					\$ 29,900
Total - Project Costs					\$ 1,004,900

EXHIBIT E

Estimated Annual Cost of Operation

XXXVII. PROPOSED OPERATING BUDGET - (WATER SYSTEM)

(1st Full Year of Operation)

Year Ending 2021

A.	Operating Income:	
	Water Sales	\$ 1,600,000
	Disconnect/Reconnect/Late Charge Fees	\$ 58,000
	Other (Describe) customer tap fees	\$ 30,000
	Less Allowances and Deductions	
	Total Operating Income	<u>\$ 1,688,000</u>
B.	Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)	
	Operation Expense	\$ 607,000
	Maintenance Expense	\$ 60,000
	Customer Accounts Expense	\$ 12,000
	Administrative and General Expense	\$ 281,000
	Total Operating Expenses	<u>\$ 960,000</u>
	Net Operating Income	<u>\$ 728,000</u>
C.	Non-Operating Income:	
	Interest on Deposits	\$ 4,500
	Other (Identify)	
	Total Non-Operating Income	\$ 4,500
D.	Net Income	<u>\$ 732,500</u>
E.	Debt Repayment:	
	RUS Interest	\$ 88,700
	RUS Principal	\$ 53,600
	Non-RUS Interest	\$ 86,600
	Non-RUS Principal	\$ 373,100
	Total Debt Repayment	\$ 602,000
F.	Balance Available for Coverage	\$ 130,500
	Short Lived Assets	
	Debt Reserve	\$ 14,240

Balance Available
Coverage Ratio

\$ 116,260
1.22

EXHIBIT F

Final Statements

**BRACKEN COUNTY WATER DISTRICT
STATEMENT OF NET POSITION
PROPRIETARY FUND
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017**

ASSETS	<u>2018</u>	<u>2017</u>
Current Assets:		
Cash and Cash Equivalents-Unrestricted	\$ 1,244,101	\$ 1,129,257
Unbilled Revenue	17,950	85,501
Accounts Receivable (net of allowance for doubtful accounts of \$6,830 and \$9,002 at December 31, 2018 and 2017.)	198,128	151,188
Inventory	121,917	52,946
Prepaid Insurance	17,117	16,654
Total Current Assets	<u>1,599,212</u>	<u>1,435,546</u>
Restricted Assets		
Cash and Cash Equivalents-Restricted	256,832	246,642
KRWFC Sinking Fund	136,594	134,338
Total Restricted Assets	<u>393,426</u>	<u>380,980</u>
Noncurrent assets:		
Nondepreciable Capital Assets:		
Land	17,990	17,990
Construction in Progress	611,915	8,568
Depreciable Capital Assets:		
Property, Plant and Equipment	17,263,855	17,170,086
Less: Accumulated depreciation	<u>(6,203,813)</u>	<u>(5,890,827)</u>
Total Noncurrent Assets	<u>11,689,947</u>	<u>11,305,816</u>
 TOTAL ASSETS	 <u>\$ 13,682,585</u>	 <u>\$ 13,122,343</u>
 LIABILITIES AND NET POSITION		
Current liabilities:		
Accounts Payable	\$ 37,641	\$ 56,706
Customer Deposits	70,301	64,800
Accrued Wages and Vacation Pay	36,963	34,495
Taxes Payable	4,038	5,042
Accrued Interest Payable	60,230	64,160
Current Portion of Long-term Debt	287,058	278,337
Total Current Liabilities	<u>496,230</u>	<u>503,540</u>
Noncurrent Liabilities:		
KRWFC Interium Financing	568,900	-
Notes Payable, Net of Current Portion	3,605,860	3,892,917
Total NonCurrent Liabilities	<u>4,174,760</u>	<u>3,892,917</u>
 TOTAL LIABILITIES	 <u>4,670,990</u>	 <u>4,396,457</u>
 NET POSITION		
Net Investment in Capital Assets	6,616,213	7,134,563
Restricted for:		
Debt Service	205,539	201,655
Capital Projects and Replacement	117,237	111,198
Customer Deposits	70,650	66,623
Unrestricted	2,001,956	1,211,847
TOTAL NET POSITION	<u>\$ 9,011,595</u>	<u>\$ 8,725,886</u>

See accompanying notes to the financial statements.

**BRACKEN COUNTY WATER DISTRICT
STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN
NET POSITION
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017**

	2018	2017
OPERATING REVENUES:		
Water Sales	\$ 1,440,587	\$ 1,511,147
Service Charges and Other Revenue	45,517	48,912
TOTAL OPERATING REVENUES	1,486,104	1,560,059
OPERATING EXPENSES:		
Water Purchased	333,513	362,101
Salaries	227,290	220,841
Employee Pensions and Benefits	54,081	50,620
Electricity	37,648	40,545
Maintenance	18,483	17,134
Materials and Supplies	56,931	76,814
Insurance	31,973	34,774
Advertising	583	260
Accounting and Legal Fees	17,813	9,475
Transportation	10,629	9,847
Water Analysis Fee	3,069	4,211
Regulatory Commission Expense	3,147	3,155
Depreciation and Amortization	312,986	299,606
Payroll Taxes	17,015	16,492
TOTAL OPERATING EXPENSES	1,125,161	1,145,875
OPERATING INCOME (LOSS)	360,942	414,184
NONOPERATING REVENUES (EXPENSES):		
Customer Tap Fees	30,162	13,500
Gain(Loss) Sale of Assets	5,000	-
DOT project flow through income	13,882	-
DOT project flow through expense	(13,882)	-
Interest Income	7,645	4,146
Interest Expense	(161,491)	(172,101)
TOTAL NONOPERATING REVENUES (EXPENSES)	(118,683)	(154,455)
Net Income Before Capital Contribution	242,259	259,729
Capital Contribution	43,451	-
CHANGE IN NET POSITION	285,710	259,729
NET POSITION - Beginning of year	8,725,886	8,466,157
NET POSITION - End of year	\$ 9,011,595	\$ 8,725,886

See accompanying notes to the financial statements.

**BRACKEN COUNTY WATER DISTRICT
STATEMENTS OF CASH FLOWS
PROPRIETARY FUND
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017**

	2018	2017
CASH FLOW FROM OPERATING ACTIVITIES:		
Cash Receipts from Customers	1,440,587	1,511,147
Cash Payments to Suppliers for Goods and Services	(652,686)	(635,375)
Cash Payments for Salaries and Benefits	(298,387)	(223,996)
Other Receipts (Payments)	45,517	48,912
	535,031	700,688
CASH FLOWS FROM INVESTING ACTIVITIES		
KRWFC Sinking Fund	(940)	940
Interest Income	7,645	4,146
	7,645	5,086
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Proceeds From Capital Debt	568,900	-
Principal Paid on Capital Debt	(278,336)	(269,693)
Purchases of Capital Assets	(697,116)	(90,475)
Contributed Capital - Tap Fees	30,162	13,500
Interest Paid on Capital Debt	(161,491)	(172,101)
	(537,881)	(518,769)
NET INCREASE (DECREASE) IN CASH	4,796	187,005
Cash and Cash Equivalents - Beginning of Year	1,375,899	1,188,894
Cash and Cash Equivalents - End of Year	\$ 1,380,695	\$ 1,375,899
RECONCILIATION OF OPERATING INCOM (LOSS) TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES:		
Operating Income (Loss)	360,942	414,184
Adjustments to Reconcile Operating Income to Net Cash Used by Operating Activities:		
Depreciation Expense	312,986	299,606
Amortization Expense	-	-
Change in Assets and Liabilities:		
Accounts Receivable	20,611	(13,691)
Inventories	(68,971)	(836)
Prepaid Expense	(463)	606
Accounts Payable and Other Payables	(98,042)	1,938
Customer Deposits	5,501	(1,119)
Accrued Wages and Vacation	2,468	-
	\$ 535,031	\$ 700,688

Supplemental Disclosures:

Interest paid was \$161,491 and \$ 172,101 in 2018 and 2017 respectively.

See accompanying notes to the financial statements.

EXHIBIT G

Notification to State Local Debt Officer

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

CHARLES S. MUSSON
W. RANDALL JONES
CHRISTIAN L. JUCKETT
NICHOLAS J. LOCOCO

August 26, 2020

Mr. Kent Chandler, Acting Executive Director
Kentucky Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

Re: **Bracken County Water District - Case No. 2020-00271**

Dear Director Chandler:

Enclosed please find (a) the Application of Bracken County Water District pursuant to KRS 278.020 for the issuance of a Certificate of Public Convenience and Necessity to construct a waterworks improvements project; (b) Contract Documents and Specifications; (c) Plans; and (d) Topography Map (collectively, the "Documents").

The enclosed Documents and this letter are true and accurate copies in paper medium of the electronic version of said documents uploaded on the date of this letter to the Kentucky Public Service Commission's electronic filing system.

In accordance with the Electronic Emergency Docket Related to the Novel Coronavirus Order in Case No. 2020-00085, the paper documents will be mailed to the Commission within 30 days after the Governor lifts the current state of emergency.

Thank you for your assistance and if you need any additional information or documentation, please let us know.

Sincerely,

Rubin & Hays

By 
W. Randall Jones

WRJ:jl
Enclosures

EXHIBIT H

Certified Bid Tabulations



August 19, 2020

Mr. Anthony Habermehl, Chairman
Bracken County Water District
P.O. Box 201
1324 Brooksville Germantown Road
Brooksville, KY 41004

RE: Recommendation of Award
Augusta Supply Line Project

Dear Mr. Habermehl:

Bids for the above referenced project were opened Thursday, July 30, 2020 at 4:00 pm (local time). The low bidder was Tilton Excavating, LLC, Mt. Olivet, Kentucky with a bid of \$867,650.00.

Upon review of the bid documents, checking references and previous experiences with the low bidder, Bluegrass Engineering, PLLC would recommend to Bracken County Water District that Tilton Excavating, LLC be awarded the Augusta Supply Line Project.

A copy of the certified bid tabulation is attached to this letter.

If you have any questions or need additional information please contact me at your earliest convenience.

Sincerely,

BLUEGRASS ENGINEERING, PLLC

A handwritten signature in black ink, appearing to read 'Paul Reynolds', is written over a horizontal line.

Paul Reynolds
Project Manager

c: File w/enclosures



BID TABULATION

Augusta Supply Line Project
 BRACKEN COUNTY WATER DISTRICT
 BROOKSVILLE, KENTUCKY
 BE PROJECT NO. 19025
 BID OPENING: Thursday, July 30, 2020 - 4:00 pm

BASE BID: Augusta Supply Line Project

Tilton Excavating, LLC
 Olive, Kentucky

MT

Item No.	Description	Quantity	Unit	\$/unit	Bid Amount
1	12" Ductile Iron Class 350 Water Main w/Field Lok Gaskets	5,250	LF	\$ 147.00	\$ 771,750.00
2	4" C900 PVC Water Main	400	LF	\$ 30.00	\$ 12,000.00
3	12" Gate Valve & Box	4	EA	\$ 3,000.00	\$ 12,000.00
4	10" Gate Valve & Box	4	EA	\$ 2,400.00	\$ 9,600.00
5	4" Gate Valve & Box	1	EA	\$ 800.00	\$ 800.00
6	6" Flush Hydrant Assembly	2	EA	\$ 6,000.00	\$ 12,000.00
7	Blow Off Hydrant Assembly	1	EA	\$ 3,000.00	\$ 3,000.00
8	20" Steel Casing Pipe, Open Cut	20	LF	\$ 200.00	\$ 4,000.00
9	20" Steel Casing Pipe, Bore & Jack	30	LF	\$ 300.00	\$ 9,000.00
10	Connection to Existing W.M.	3	EA	\$ 5,500.00	\$ 16,500.00
11	Tandem Meter Setter w/customer meter & PRV	1	EA	\$ 2,000.00	\$ 2,000.00
SUBTOTAL					\$ 852,650.00
Alt. #1	Additional Milling & Paving of Augusta Berlin Road	1	LS	\$ 15,000.00	\$ 15,000.00
TOTAL BASE BID AMOUNT:					\$ 867,650.00

The above is a true and complete tabulation of the bids received on Thursday, July 30, 2020, 4:00 pm (local time).
 I certify that this is true and accurate tabulation of the bids.

Bluegrass Engineering, PLLC
 By: 
 Paul Reynolds
 Project Manager