

COMMONWEALTH OF KENTUCKY

BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

**ELECTRONIC APPLICATION OF CUMBERLAND)
COUNTY WATER DISTRICT FOR A CERTIFICATE)
OF PUBLIC CONVENIENCE AND NECESSITY TO)
CONSTRUCT A SYSTEM IMPROVEMENTS PROJECT) Case No. 2026-00082
AND AN ORDER AUTHORIZING THE ISSUANCE)
OF SECURITIES PURSUANT TO 278.300)**

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

A P P L I C A T I O N

ORDER REQUESTED ON OR BEFORE JUNE 5, 2026

The Applicant, Cumberland County Water District ("Cumberland District"), files this Electronic 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 Cumberland District a Certificate of Public Convenience and Necessity ("CPCN") to construct a 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, Cumberland District states as follows:

1. Cumberland District was established in accordance with the provisions of Chapter 74 of the Kentucky Revised Statutes pursuant to an Order of the Cumberland County Judge/Executive, which Order is on file in the County Court Order Books in the office of the Cumberland County Clerk. Cumberland District is now, and has been since its inception, regulated by the Commission, and all records and proceedings of the Commission with reference to

Cumberland District are incorporated in this Application by reference. Cumberland District does not have any Articles of Incorporation due to the fact that it is a statutory entity.

2. The governing body of Cumberland 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 Cumberland District is as follows:

Cumberland County Water District
c/o Mr. Michael Ballard, General Manager
133 Lower River Street
Burkesville, Kentucky 42717
Telephone: (270) 864-3133
Fax: (270) 864-3865
Email: ccwateroffice@yahoo.com

4. A general description of Cumberland District's system property, together with a statement of the original cost, is contained in Cumberland District's Annual Report for 2024 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, Cumberland District hereby responds as follows:

- (i) Section 15(2)(a): Facts Relied Upon to Show Public Necessity: The proposed Project, the need for the Project, the alternatives considered and the contractor selection process are 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 Cumberland

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: one electronic storage medium map 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 is 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: Cumberland District is financing the Project with the proceeds of a 20 year Fund B loan from the Kentucky Infrastructure Authority ("KIA") Infrastructure Revolving Loan Fund (B25-014) in the principal amount not to exceed \$1,110,000 at an interest rate of 1.00% per annum (the "KIA Loan"). The KIA Loan will be evidenced by an Assistance Agreement between Cumberland District and KIA and Cumberland District has received a conditional commitment letter from KIA dated August 8, 2025 (the "Commitment"). A copy of the conditional commitment letter is attached hereto as **Exhibit "C"**. A copy of the estimated repayment schedule is attached hereto as **Exhibit "D"**.

(vii) Section 15(2)(f) Statement of Estimated Annual Cost of Operation: a statement of the estimated annual cost of operation after the Project is placed in service 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 period ending on December 31, 2024 are attached hereto as **Exhibit "F"** respectively.

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

(i) Section 12(1)(a): Cumberland 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, 2024.

(ii) Section 12(2)(a), (b) and (c) Stock: Cumberland District does not have any authorized, issued or outstanding stock as of the date hereof.

(iii) Section 12(2)(d) Mortgages: Cumberland 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 Cumberland District is described in Note 6 to the financial statements and is attached hereto as **Exhibit "G"**.

(v) Section 12(2)(h) Dividends: Cumberland 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, Cumberland District hereby responds as follows:
- (i) Section 18(1)(a): Cumberland District has complied with the requirements of 807 KAR 5:001, Section 14.
 - (ii) Section 18(1)(b): A general description of Cumberland District's property, its field of operation and a statement of original cost of said property and the cost to Cumberland District is contained in Cumberland District's 2024 Annual Report on file with this Commission.
 - (iii) Section 18(1)(c): Cumberland District is not issuing any stock as part of this financing. The information concerning the proposed KIA Loan is contained in this Application and the supporting attachments. The KIA Loan will be secured by and payable from the gross revenues of Cumberland District's water system.
 - (iv) Section 18(1)(d): Cumberland District is not refunding any outstanding obligations in connection with this Project. The proceeds of the KIA 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): Cumberland 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 KIA Loan is being provided to the State Local Debt Officer (see **Exhibit "H"** attached hereto).

- (viii) Section 18(2)(a): See paragraph #7 above.
- (ix) Section 18(2)(b): Cumberland 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 attached hereto as **Exhibit "I"**.

9. Copies of the bid tabulations as certified by the Engineers, the Final Project Budget and the Engineer's letter of recommendation are attached hereto as **Exhibit "J"**.

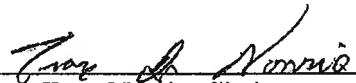
10. Cumberland District opened bids on the Project on March 9, 2026, therefore, Cumberland District respectfully requests that the Commission issued its' final Order **no later than June 5, 2026**.

11. No rate adjustment is being requested in connection with this Application.

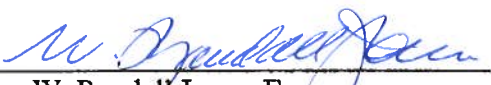
WHEREFORE, the Cumberland County Water District respectfully requests that the Commission take the following actions:

- A. Grant Cumberland District a Certificate of Public Convenience and Necessity permitting Cumberland District to construct the Project;
- B. Authorize the issuance of securities pursuant to the KIA Assistance Agreement evidencing the KIA Loan in an amount not to exceed \$1,110,000;
- C. Issue its' approving Order no later than June 5, 2026; and
- D. Grant Cumberland District any other relief to which it is entitled.

Cumberland County Water District

By 
Troy Norris, Chairman
133 Lower River Street
Burkesville, Kentucky 42717
Telephone: (270) 864-3133
Fax: (270) 864-3865
Email: ccwateroffice@yahoo.com

Rubin & Hays

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

STATE OF KENTUCKY)
) SS
COUNTY OF CUMBERLAND)

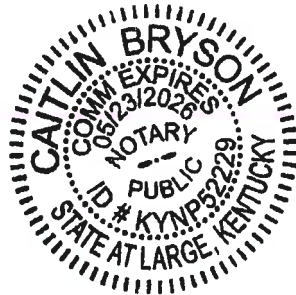
The affiant, Troy Norris, being first duly sworn, states: That is the Chairman of the Cumberland County Water District, the Applicant in this case; that he has read the foregoing Application and has noted the contents thereof; that the same are true of his own knowledge and belief, except as to matters 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 10th day of April, 2026.

Troy D. Norris
Troy Norris, Chairman

SUBSCRIBED, SWORN TO AND ACKNOWLEDGED before me by Troy Norris, Chairman of the Cumberland County Water District on this the 10th day of April, 2026.

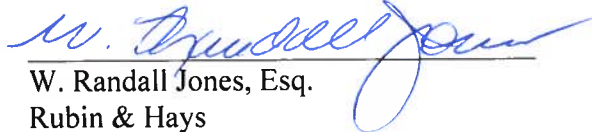
My Commission expires: May 23rd 2026.



Caitlin Bryson
Notary Public
Notary ID#: KYNP52229

CERTIFICATE OF SERVICE

The undersigned, in accordance with 807 KAR 5:001, Section 8, hereby certifies that Cumberland County Water District's electronic filing of the foregoing Application is a true and accurate copy of the same document being transmitted via electronic filing to the Kentucky Public Service Commission on April 10, 2026; that there are currently no parties that the Kentucky Public Service Commission has excused from participation by electronic means in this proceeding.



W. Randall Jones, Esq.

Rubin & Hays

Kentucky Home Trust Building

450 South Third Street

Louisville, Kentucky 40202

Phone: (502) 569-7534

Fax: (502) 569-7555

Counsel for Cumberland County Water District

wrjones@rubinhays.com

LIST OF EXHIBITS

<u>Exhibit</u>	<u>Description</u>
A	Project Narrative, Need, Alternatives and Contractor Selection Process with Affidavit of Publication and Tearsheet
B	Permits
C	KIA Conditional Commitment Letter
D	Proposed KIA Repayment Schedule
E	Estimated Annual Cost of Operation
F	Financial Statements
G	Description of Outstanding Indebtedness
H	Notification to State Local Debt Officer
I	Estimate of Property Acquired by USOA Classification
J	Engineer's Letter of Recommendation, Certified Bid Tabulations and Final Project Budget

EXHIBIT A

Public Necessity, Need, Alternatives Considered and
Contractor Selection Process with Affidavit of
Publication and Tearsheet

CUMBERLAND COUNTY WATER DISTRICT
JOE SCOTT RIDGE
BOOSTER PUMP STATION REPLACEMENT
MARCH 2026

PROJECT DESCRIPTION AND NECESSITY

The Joe Scott Ridge Booster Pump Station Replacement project consists of the construction of a duplex 250 gpm booster pump station, approximately 1,250 LF of 8-inch ductile iron and PVC water transmission main, and approximately 3,135 LF of 2-inch and 3-inch PVC water distribution mains, along with all necessary appurtenances. The project is located along Kentucky Highway 61 and Joe Scott Ridge Road. The new pump station will replace an existing non-operational pump station, which will be demolished and removed as part of the project.

The proposed project is critical to ensure that the District can meet the demands of existing and future customers throughout southern Cumberland County in a safe, reliable, and efficient manner. Currently, the District serves the southern portion of its distribution system through a combination of wholesale water purchases from the City of Burkesville and the City of Albany. However, in recent years, the City of Albany has demonstrated a pattern of unreliable supply, with multiple documented instances where it has been unable to meet the District's wholesale demand. These recurring supply deficiencies represent a significant risk to the District's ability to provide continuous water service and create the potential for low-pressure events, service interruptions, and associated public health concerns.

At present, the District cannot adequately serve the southern portion of its system without reliance on the supplemental supply from the City of Albany. This dependency places a critical portion of the District's customer base at risk during periods when Albany is unable to deliver sufficient water. The proposed project directly addresses this vulnerability by enabling the District to deliver the full required supply from its wholesale connection with the City of Burkesville, which has sufficient capacity to meet both current and projected demands.

By shifting the primary source of supply for the southern service area to the City of Burkesville, the District will eliminate its reliance on an unreliable source while significantly improving overall system performance and operational redundancy. Importantly, the existing connection to the City of Albany will be maintained and repurposed as an emergency backup supply. This configuration will establish a more robust and resilient system by providing true source redundancy, allowing the District to respond more effectively to outages, peak demand conditions, or unforeseen emergencies. The result will be a substantially more reliable and secure water supply for customers throughout the service area.

Beyond supply reliability, the installation of new distribution mains included in the is necessary to address pressure impacts associated with the new pump station configuration. Certain existing customers located at higher elevations are situated on the suction side of the proposed booster pump station. Without system modifications, these customers would experience inadequate system pressures due to their relative elevation and position within the hydraulic profile. The proposed distribution mains will reroute service to these customers by connecting them to a more favorable pressure zone. This improvement ensures that higher elevation customers receive adequate and consistent pressures while preventing adverse impacts that would otherwise result from the pump station replacement. As such, these distribution system improvements are an essential component of the overall project and are required to maintain acceptable levels of service for all customers.

The existing booster pump station has been out of service for approximately 15 years and is now completely deteriorated and in a state of disrepair. In addition to its physical condition, the location and hydraulic characteristics of the existing station are such that adequate suction pressure cannot be maintained at the flow rates required to support the system without supplemental supply from the City of Albany. As a result, the existing facility is not capable of supporting current system demands or the operational changes necessary to improve system reliability. Accordingly, rehabilitation of the existing station was not considered a viable alternative.

Collectively, the proposed improvements will modernize a critical portion of the District's infrastructure, eliminate a key operational vulnerability, and position the system to meet long-term demands. The project enhances reliability, improves pressure and service consistency, and strengthens system resiliency, all while supporting regional water system coordination by reducing demand on the City of Albany.

ALTERNATIVES ANALYSIS

The following viable alternatives to the selected project scope were considered for the Joe Scott Ridge Booster Pump Station Replacement project:

Alternative No. 1 - Upgrade Existing Supply from City of Burkesville via KY 449 Pump Station and Transmission Main: This alternative would involve upgrading the existing supply route from the City of Burkesville to southern Cumberland County through significant improvements to the KY Highway 449 Pump Station and approximately 22,000 LF of associated 8-inch transmission main. While this option would ultimately provide additional supply capacity, it would require significantly more extensive infrastructure improvements over a larger geographic area. As a result, this alternative would have a substantially higher estimated project cost of approximately \$3,200,000 and a considerably longer design and construction timeline compared to the

proposed project. Due to the increased cost, extended implementation schedule, and the urgency of addressing the current supply reliability issues, this alternative was not considered a practical or cost-effective solution.

Alternative 2 – Triplex Booster Pump Station Configuration: This alternative consists of the same overall project scope as the selected project, but with the installation of a triplex (three-pump) booster pump station in lieu of the proposed duplex (two-pump) configuration. A triplex configuration would provide enhanced operational flexibility and redundancy, allowing for improved system reliability maintenance activities. Specifically, the additional pump would allow one unit to be taken offline while still maintaining full operational redundancy with two pumps available. This alternative was included as part of the bid package and would increase the overall project cost by \$62,357.00. Given that the system is designed to operate with only one pump at a time and that the duplex configuration therefore provides sufficient redundancy, the additional cost associated with a triplex configuration is not justified at this time.

CONTRACTOR SELECTION

The Contractor for the Joe Scott Ridge Booster Pump Station Replacement project was procured through a competitive sealed bidding process in accordance with applicable state requirements and standard public procurement practices.

The project was publicly advertised for bids in the *Cumberland County News* on February 18, 2025, and February 25, 2025. Documentation of the advertisement, including the Publisher's Affidavit and Tear Sheet, is attached and provided as evidence of compliance with public notice requirements. The advertisement invited qualified contractors to submit sealed bids for the construction of the project.

Bids were received and publicly opened on the designated bid date, at which time all submitted bids were reviewed for completeness, responsiveness, and compliance with the requirements outlined in the bidding documents. A total of five (5) bids were received, demonstrating adequate competition.

Following evaluation, Stotts Construction Co., Inc. of Columbia, Kentucky, was identified as the lowest responsive and responsible bidder. Their bid was determined to be complete and in full compliance with all project specifications and contractual requirements.

In addition to submitting the lowest bid, Stotts Construction Co., Inc. is a well-established and reputable utility contractor with extensive experience in water system infrastructure projects. The company has successfully completed multiple projects for the District in the past, all of which were performed in a highly satisfactory manner, demonstrating quality workmanship, adherence to project schedules, and effective coordination with District personnel.

Based on the competitive bid results, qualifications, and past performance, the District determined that Stotts Construction Co., Inc. represents the best value for the project. Accordingly, the District selected Stotts Construction Co., Inc. for award of the construction contract, contingent upon approval by the appropriate regulatory and funding agencies.

AFFIDAVIT

This is to certify that the 18th day of February
2026 an ad for Cumberland County Water
District

was published in the regular edition of the Cumberland
County News, a newspaper published for general
circulation in the City of Burkesville, Cumberland
County and adjoining counties.

Pam Wright

COMMONWEALTH OF KENTUCKY

County of Hart

The foregoing was subscribed and sworn to before me by _____
Pam Wright on this 03 day of March
in 2026.

Lesia Logsdon

Notary Public, Kentucky, State-At-Large

My commission expires: 02-07-27

prosecuted.— 26
and owned by Kandel and Kathy Flowers on Big Renox Creek without written permission. Violators will be prosecuted. Not responsible for accidents or injuries.— 25

Posted: No hunting, ATV's, 4-wheelers, horseback riding or trespassing of any kind on property owned by Charlotte Carney, Kathy McCoy Moore, Sandy McCoy, Charles McCoy and Todd McCoy in Salt Lick Bend. Violators will be prosecuted.— 26

Posted: No trespassing of any kind including hunting and ATV riding on land owned by Stephen and Nancy Riddle located on Sparks Chapel Road without written permission.— 26

marker. This includes 35 acres being a portion of a 1000 acre property. It is located from the power plant to a red stake past the Carriage House. Not responsible in case of accidents. Violators will be prosecuted civilly and criminally.— 25
Posted: No hunting or trespassing on property owned by James W. Hardin located off Hwy. 449 on Cash Road. Not responsible for any kind of accident or injury. Violators will be prosecuted.— 25

AG Secures Plea in Caregiver Theft Case

Attorney General Russell Coleman announced that action by the Attorney General's Special Prosecutions Unit resulted in a guilty plea for a Murray woman who was a caregiver for a dying woman.
Leslie Lockhart, 53, pleaded guilty to Theft by Unlawful Taking, Less than \$10,000 (Class D Felony), 22 counts of Forgery, 2nd Degree (Class D Felony) and one count of Theft of Identify of Another Without Consent (Class D).

“When a criminal uses their position to steal from our most vulnerable, it isn't just money that's taken, it's trust,” said Attorney General Coleman.
“All Kentucky seniors should know that we take this exploitation seriously and will hold the culprit accountable for her loathsome actions.”

As part of the plea agreement, Lockhart will receive an eight-year sentence and will be required to pay restitution in the amount of \$300,000 to the victim's estate. Of that amount, \$100,000

The Kentucky State Police investigated the case. Assistant Attorney General Richie Kemp prosecuted the case on behalf of

According to...

CUMBERLAND COUNTY WATER DISTRICT CUMBERLAND COUNTY, KENTUCKY

JOE SCOTT RIDGE BOOSTER PUMP STATION REPLACEMENT ADVERTISEMENT FOR BIDS

Sealed Bids for the construction of the Joe Scott Ridge Booster Pump Station Replacement project will be received by the Cumberland County Water District, at their central office, 133 Lower River Street, Burkesville, Kentucky 42717, until 3:00 p.m., local time on March 9, 2026, at which time the Bids received will be publicly opened and read. The Base Bid Contract includes the complete replacement of one (1) existing Booster Pump Station, the construction of approximately 1,190 LF of 8 inch water line, 1,725 LF of 3 inch water line, 1,435 LF of 2 inch water line and other associated appurtenances.

Bids will be received for a single prime Contract. Bids shall be on a lump sum and unit price basis, with additive alternate bid items as indicated in the Bid Form.

The Issuing Office for the Bidding Documents is Monarch Engineering, Inc., 556 Carlton Drive, Lawrenceburg, Kentucky 40342, (502) 839-1310, James L. Mudd, P.E., lmudd@monarchengineering.net. Prospective Bidders may examine the Bidding Documents at the Issuing Office on Mondays through Fridays between the hours of 8:00 a.m. - 12:00 p.m. and 1:00 p.m. - 5:00 p.m., and may obtain copies of the Bidding Documents from the Issuing Office as described below.

Printed copies of the Bidding Documents may be obtained from the Issuing Office, during the hours indicated above, upon payment of a deposit of \$250.00, non-refundable, for each set. Checks for Bidding Documents shall be payable to "Monarch Engineering, Inc." Upon request and receipt of the document deposit indicated above, the Issuing Office will transmit the Bidding Documents via delivery service. The date that the Bidding Documents are transmitted by the Issuing Office will be considered the Bidder's date of receipt of the Bidding Documents. Partial sets of Bidding Documents will not be available from the Issuing Office. Neither Owner nor Engineer will be responsible for full or partial sets of Bidding Documents, including Addenda if any, obtained from sources other than the Issuing Office. Bidding Documents purchased by one party and bid by another party will not be accepted. Bidding Documents will be available for purchase until 4:00 p.m., (E.D.T.), March 4, 2026.

Bid security shall be furnished in accordance with the Instructions to Bidders.

Owner: CUMBERLAND COUNTY WATER DISTRICT

By: TROY NORRIS

Title: CHAIRMAN

Date: FEBRUARY 18, 2026

of your account balances.

Account balances that are **PAID IN FULL** by **April 15th, 2026**, will be given a discount of **50%** off your patient responsibility balance.

After April 15th, the only remaining discount that will be offered is a 25% “prompt pay” discount that will be offered on new accounts that are paid in full within 30 days of your first statement.

This special discount will also apply for accounts at the B. F. Taylor and Flowers Rural Health Clinics, as well as Cumberland County Ambulance Service.

See our

Patient Financial Services Department

at the hospital, or call

Jamie Collins or Kim Jordan at

(270) 864-2511 for more information.

**CUMBERLAND COUNTY WATER DISTRICT
CUMBERLAND COUNTY, KENTUCKY**

**JOE SCOTT RIDGE BOOSTER PUMP STATION REPLACEMENT
ADVERTISEMENT FOR BIDS**

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Bid security shall be furnished in accordance with the Instructions to Bidders.

Owner: CUMBERLAND COUNTY WATER DISTRICT

By: TROY NORRIS

Title: CHAIRMAN

Date: FEBRUARY 18, 2026

EXHIBIT B

Permits



Andy Beshear
GOVERNOR

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

Rebecca W. Goodman
SECRETARY

300 Sower Boulevard
Frankfort, Kentucky 40601
Phone: (502) 564-2150
Fax: 502-564-4245

Anthony R. Hatton
COMMISSIONER

January 28, 2026

Michael Ballard
Cumberland Co Water District
113 Lower River St
Burkesville, KY 42717

RE: Joe Scott Ridge BPS Replacement
Cumberland County, KY
Cumberland Co Water District
AI #: 878, APE20260001
PWSID #: 0290271-26-001

Dear Mr. Ballard:

We have reviewed the plans and specifications for the above referenced project. The plans include the construction of approximately 1,423 linear feet (LF) of 2-inch PVC, 1,710 LF of 3-inch PVC, 250 LF of 8-inch PVC, 1,000 LF of 8-inch DI waterline and one pump station with three vertical, centrifugal, multi-stage pumps capable of 250 GPM and 655 feet TDH. 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", written over a horizontal line.

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

TH:CC
Enclosures

c: Monarch Engineering Inc
Cumberland County Health Department
Division of Plumbing

Distribution-Major Construction
Cumberland Co Water District
Facility Requirements

Activity ID No.:APE20260001

GACT000000094 (Joe Scott Ridge BPS Replacement) pump station with three vertical pumps capable of 250 GPM and 655 feet TDH, and 1,425 linear feet (LF) if 2-inch PVC, 1,710 LF of 3-inch PVC, 250 LF of 8-inch PVC, and 1,000 LF of 8-inch DI waterline:

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	Pumping facilities shall be elevated to a minimum of three feet above the 100-year flood elevation, or three feet above the highest recorded flood elevation, whichever is higher, or protected to such elevations. [Recommended Standards for Water Works 6.1.1.a]
T-9	Pumping facilities shall be readily accessible at all times. [Recommended Standards for Water Works 6.1.1.b]
T-10	Pumping facilities shall be graded around the station so as to lead surface drainage away from the station. [Recommended Standards for Water Works 6.1.1.c]
T-11	Pumping facilities shall be protected to prevent vandalism and entrance by animals or unauthorized persons. [Recommended Standards for Water Works 6.1.1.d]
T-12	Raw and finished pump stations shall have adequate space for the installation of additional units if needed, and for the safe servicing of all equipment. [Recommended Standards for Water Works 6.2.a]

Distribution-Major Construction

Cumberland Co Water District
Facility Requirements

Activity ID No.:APE20260001

Page 2 of 4

GACT000000094 (Joe Scott Ridge BPS Replacement) pump station with three vertical pumps capable of 250 GPM and 655 feet TDH, and 1,425 linear feet (LF) if 2-inch PVC, 1,710 LF of 3-inch PVC, 250 LF of 8-inch PVC, and 1,000 LF of 8-inch DI waterline:

Narrative Requirements:

Condition No.	Condition
T-13	Raw and finished pump stations shall have floors that slope to a suitable drain. [Recommended Standards for Water Works 6.2.e]
T-14	Raw and finished pump stations shall provide a suitable outlet for drainage from pump glands without discharging onto the floor. [Recommended Standards for Water Works 6.2.f]
T-15	At least two pumping units shall be provided. With any pump out of service, the remaining pump or pumps shall be capable of providing the maximum pumping demand of the system. [Recommended Standards for Water Works 6.3]
T-16	Pumps shall have ample capacity to supply the peak demand against the required distribution system pressure without dangerous overloading, [Recommended Standards for Water Works 6.3.a]
T-17	Pumps shall be driven by prime movers able to meet the maximum horsepower condition of the pumps. [Recommended Standards for Water Works 6.3.b]
T-18	Pumps shall be provided with readily available spare parts and tools. [Recommended Standards for Water Works 6.3.c]
T-19	Pump stations shall have indicating, totalizing, and recording metering of the total water pumped. [Recommended Standards for Water Works 6.6.3]
T-20	Each pump shall have a standard pressure gauge on its discharge line. [Recommended Standards for Water Works 6.6.3.a]
T-21	Each pump shall have a compound gauge on its suction line. [Recommended Standards for Water Works 6.6.3.b]
T-22	Where two or more pumps are installed, provision shall be made for alternation. [Recommended Standards for Water Works 6.6.5]
T-23	Provisions shall be made to prevent energizing the pump motor in the event of a backspin cycle. [Recommended Standards for Water Works 6.6.5]
T-24	Electrical controls shall be located above grade. [Recommended Standards for Water Works 6.6.5]
T-25	Equipment shall be provided or other arrangements made to prevent surge pressures from activating controls which switch on pumps or activate other equipment outside the normal design cycle of operation. [Recommended Standards for Water Works 6.6.5]

Distribution-Major Construction
Cumberland Co Water District
Facility Requirements

Activity ID No.:APE20260001

GACT000000094 (Joe Scott Ridge BPS Replacement) pump station with three vertical pumps capable of 250 GPM and 655 feet TDH, and 1,425 linear feet (LF) if 2-inch PVC, 1,710 LF of 3-inch PVC, 250 LF of 8-inch PVC, and 1,000 LF of 8-inch DI waterline:

Narrative Requirements:

Condition No.	Condition
T-26	Pump stations shall have a power supply provided from at least two independent sources or a standby or an auxiliary source. [Recommended Standards for Water Works 6.6.6]
T-27	If standby power is provided by onsite generators or engines, the fuel storage and fuel line must be designed to protect the water supply from contamination. [Recommended Standards for Water Works 6.6.6]
T-28	All lubricants which come into contact with the potable water shall be certified for conformance to ANSI/NSF Standard 60. [Recommended Standards for Water Works 6.6.8]
T-29	Booster pumps stations shall have a bypass available. [Recommended Standards for Water Works 6.4.e]
T-30	Each booster pumping station shall contain not less than two pumps with capacities such that peak demand can be satisfied with the largest pump out of service. [Recommended Standards for Water Works 6.4.1]
T-31	All booster pumping stations shall be fitted with a flow rate indicating and totalizer meter. [Recommended Standards for Water Works 6.4.2]
T-32	Inline booster pumps shall be accessible for servicing and repairs. [Recommended Standards for Water Works 6.4.3]
T-33	Each pump must have an isolation valve on the intake and discharge side of the pump to permit satisfactory operation, maintenance and repair of the equipment. [Recommended Standards for Water Works 6.6.1]
T-34	Each pump shall have a positive?acting check valve on the discharge side between the pump and the shut?off valve. [Recommended Standards for Water Works 6.6.1]
T-35	Pump station piping shall be designed so that the friction losses will be minimized, not be subject to contamination, have watertight joints, be protected against surge or water hammer with suitable restraints when necessary, and be such that each pump has an individual suction line or the lines shall be manifolded that they will insure similar hydraulic and operating conditions. [Recommended Standards for Water Works 6.6.2]
T-36	Booster pumps taking suction from storage tanks shall be provided adequate net positive suction head. [Recommended Standards for Water Works 6.4.b]
T-37	Booster pumps shall controlled so that automatic shutoff or low pressure controllers maintain at least 20 psi in the suction line under all operating conditions. [Recommended Standards for Water Works 6.4.c]

Distribution-Major Construction
Cumberland Co Water District
Facility Requirements

Activity ID No.:APE20260001

GACT0000000094 (Joe Scott Ridge BPS Replacement) pump station with three vertical pumps capable of 250 GPM and 655 feet TDH, and 1,425 linear feet (LF) if 2-inch PVC, 1,710 LF of 3-inch PVC, 250 LF of 8-inch PVC, and 1,000 LF of 8-inch DI waterline:

Narrative Requirements:

Condition No.	Condition
T-38	Booster pumps taking suction from ground storage tanks shall be equipped with automatic shutoffs or low pressure controllers. [Recommended Standards for Water Works 6.4.c]
T-39	All automatic pump stations should be provided with automatic signaling apparatus which will report when the station is out of service. [Recommended Standards for Water Works 6.5]
T-40	All remote controlled stations shall be electrically operated and controlled and shall have signaling apparatus of proven performance. [Recommended Standards for Water Works 6.5]
T-41	Raw and finished pump stations shall have a floor elevation of at least six inches above finished grade. [Recommended Standards for Water Works 6.2.c]



COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
transportation.ky.gov

Andy Beshear
GOVERNOR

Jim Gray
SECRETARY

Cumberland Co. Water District
133 Lower River Street
Burkesville, KY 42717

Subject: Cumberland County
KY 61
RS 029-0061-8.92
Permit: 08-2025-00380

Dear Sir:

The attached is your copy of the approved encroachment permit application. One copy is to be submitted to your contractor. This permit is to remain on the project until the permitted work is complete.

You are to shape and seed any disturbed areas on the State's right of way. All work and materials are to comply with the Department's Standard Specification for Road and Bridge Construction- 2019 Edition. Signs, barricades, lights, etc. if required, are to be installed in accordance with the Manual on Uniform Traffic Control Devices.

Please notify this office when permitted work begins. When work has been completed, the Notice of Completion of Encroachment Permit Work must be completed and returned so an inspection can be made by personnel from this office. If all work has been completed satisfactorily, your indemnity will then be released.

Yours truly,

A handwritten signature in black ink, appearing to read "Adam Dixon".

Adam Dixon, P.E.
Transportation Engineer Supervisor
District 8- Somerset

12/22/2025
Date

JJ/cm



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 #: 08-2025-00380
Permittee: Cumberland Water District
Permit Type / Subtype: Utilities / Water
Work Completion Date: 12/31/2026

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**

Adam Dixon	D8 Permits	12/22/2025
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
	Cumberland - KY 61	36.730655	-85.372656



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

Kentucky Transportation Cabinet – District 8
Permit No. 08-2025-00380

Applicant to bore KY 61 in Cumberland County at milepoint 9.17 with a 8 inch steel water line as shown on attached Typical Highway Boring Detail, plans, and encroachment terms.

Applicant to parallel KY 61 in Cumberland County from mile point 8.92 to 11.87 with 2.0, 3.0, and 8 inch PVC waterlines as shown on the attached plan and encroachment terms.

Applicant to install an above ground pump station on KY 61 in Cumberland County left of mile point 11.8 as shown on the attached plans and encroachment terms. The station is well outside the clearzone for the area.

No change shall be made contrary to this permit and the applicant's plans without first notifying and being approved by the Permit Engineer.

Construction of the utility shall not interfere with any operations of the Kentucky Transportation Cabinet on KY 61.

All work and materials shall meet or exceed the Standard Specifications.

All disturbed portions of the right-of-way are to be restored to grass as per Kentucky Department of Highways Standard Specifications for Road and Bridge Construction, 2019 edition. A satisfactory turf, as determined by the Department, is to be established by the permittee prior to release of indemnity.

The minimum rate of application for seeding and protection method II per 1,000 square feet shall be applied as follows:

2.5 lbs of seed mixture
12 lbs of 20-10-10 fertilizer
150 lbs of agricultural limestone

Work area within the Kentucky Department of Highways right of way shall be signed and flagged in accordance to the Manual on Uniform Traffic Control Devices before any work is to begin on the Kentucky Department of Highways right of way.

Contractor's equipment or other vehicles shall not be permitted to park on the roadway shoulders during the construction of this project without compliant traffic control.

This permit will be terminated and work will stop immediately at anytime the Department of Highways discovers or is notified of any unsafe or hazardous condition until corrections have been made.

NOTICE OF COMPLETION OF ENCROACHMENT PERMIT WORK

PERMITTEE

Name: Cumberland Water District
Contact Person:
Address: 133 Lower River Road
City: Burkesville
State: Kentucky
Zip: 42717
Telephone: (270) 459-6758

PROJECT IDENTIFICATION

Permit Number: 08-2025-00380

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 8 Office
1660 South US 27
Somerset, Kentucky 42502
(606) 677-4017
www.transportation.ky.gov/

LOCATION(S)			
Description	County - Route	Latitude	Longitude
	Cumberland - KY 61	36.730655	-85.372656



APPLICATION FOR ENCROACHMENT PERMIT

KYTC KEPT #: 08-2025-00380

SECTION 1: APPLICANT CONTACT INFORMATION

APPLICANT Cumberland County Water District	ADDRESS 133 Lower River Street		
EMAIL ccwateroffice@yahoo.com	CITY Burkesville	STATE KY	ZIP 42717
CONTACT NAME 1 Michael Ballard	EMAIL ccwateroffice@yahoo.com	PHONE #	270-864-3133
		CELL #	270-459-6758
CONTACT NAME 2 (if applicable) Lee Mudd	EMAIL lmudd@monarchengineering.net	PHONE #	502-839-1310
		CELL #	502-604-0847

SECTION 2: PROPOSED WORK LOCATION

ADDRESS KY HIGHWAY 61	CITY Burkesville	STATE Kentucky	ZIP 42717
COUNTY Cumberland	ROUTE # KY61	MILE POINT 8.926-11.870	LONGITUDE (X) 36°46'08.54" N
			LATITUDE (Y) 85°22'44.72"W

ADDITIONAL LOCATION INFORMATION:

Proposed work is along KY Highway 61 from Jackson Hollow Road to Joe Scott Road.

FOR KYTC USE ONLY

PERMIT TYPE: Air Right Entrance Utilities Vegetation Removal Other: _____

ACCESS: Full Partial by Permit LOCATION: Left Right Crossing

SECTION 3: GENERAL DESCRIPTION OF WORK

See Attached Sheet below for full general description of work on KY Highway 61 ROW.

AD

THE UNDERSIGNED APPLICANT(s), being duly authorized representative(s) or owner(s), DO AGREE TO ALL ORIGINAL UNEDITED TERMS AND CONDITIONS ON THE TC 99-1A, pages 1-4.

Michael Ballard

SIGNATURE

11-12-2025

DATE

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

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 shall be required of the permittee to ensure payment of liquidated damages assessed to the permittee.
 - C. **LIABILITY INSURANCE:** Liability insurance shall 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 shall 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 agree 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, 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, 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 installation(s) shall be borne by the permittee, its successors and assigns and 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.

APPLICATION FOR ENCROACHMENT PERMIT

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, agree 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 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 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.

APPLICATION FOR ENCROACHMENT PERMIT

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, agree 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.
21. Before You Dig: The contractor is instructed to call 1-800-752-6007 to reach KY 811, the One-Call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that the owners of underground facilities are not required to be members of the KY 811 One-Call Before U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Clerk to determine what utility companies have facilities in the area.
22. The undersigned Utility acknowledges ownership and control of the facilities proposed to be installed, modified, or extended by the Applicant/Permittee and agrees to be bound by the requirements and terms of this application and all related documents making up the approved permit, by the Department's Permits Guidance Manual, and by all applicable regulations and statutes in effect on the date of issuance of the permit. This information and application is certified correct to the best knowledge and belief of the undersigned Utility.

UTILITY

NAME (Utility Representative)

TITLE (Utility Representative)

SIGNATURE (Utility Representative)

DATE



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

M.P. 8.926-9.017 (Right) - Install approximately 470 L.F. of 8" D.I. CL350 water main on KY 61 ROW. The distance from the centerline of the pavement to the proposed water line varies as shown on the plan sheet. (See Applicants Plans, Sheet 4)

M.P. 9.001 (Right) – Install above ground booster pump station on Kentucky Highway 61 ROW, near Joe Scott Ridge Road. The pump station will be completely out of the "Clear Zone", being approximately 60' from the edge of KY 90 pavement. The building will be a pre-fabricated structure with approximate dimensions of (23.5'W x 11.5'D x 12'H). The building exterior will be a field applied brick masonry veneer with a standing seam metal roof and 6' wide double entry door. The interior of the building will house three booster pumps along with valves, piping, electrical controls and other associated appurtances. The applicant will mow and maintain the area adjacent to the proposed pump station. A minor access entrance from KY 61, providing ingress and egress for maintenance and operational vehicles serving the booster pump station is also requested. (See Applicants Plans, Sheet 4 and Sheets BPS 1-4)

M.P. 9.017 (X-ing) - Install approximately 80 L.F. of Bore & Case for 8" PVC SDR-17 water main below KY 61. Encasement pipe will be 14" steel. (See Applicants Plans, Sheet 4 and attached Bore Detail Sheet TC 99-209)

M.P. 11.150-11.407 (Right) - Install approximately 1,340 L.F. of 2" PVC SDR-17 water main on KY 61 ROW. The distance from the centerline of the pavement to the proposed water line varies as shown on the plan sheet. (See Applicants Plans, Sheets 2 and 3)

M.P. 11.538-11.848 (Right) - Install approximately 1,710 L.F. of 3" PVC SDR-17 water main on KY 61 ROW. The distance from the centerline of the pavement to the proposed water line varies as shown on the plan sheet. (See Applicants Plans, Sheets 1 and 2)

M.P. 11.848-11.870 (Right) – Install approximately 90 L.F. of 8" PVC SDR-17 water main on KY 61 ROW. The distance from the edge of the pavement to the proposed water line varies as shown on the plan sheet. (See Applicants Plans, Sheet 1)

**TYPICAL HIGHWAY BORE DETAIL
- FOR NON-FULLY CONTROLLED HIGHWAYS -**

KYTC KEPT #: _____

SECTION 1: HIGHWAY INFORMATION

COUNTY: Cumberland	ROUTE: KY 61	MILE POINT: 9.017	PAVEMENT WIDTH: 45'
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SECTION 2: UTILITY INFORMATION

UTILITY TYPE: Drinking Water	PIPE TYPE: PVC SDR-17	DIAMETER: 8"
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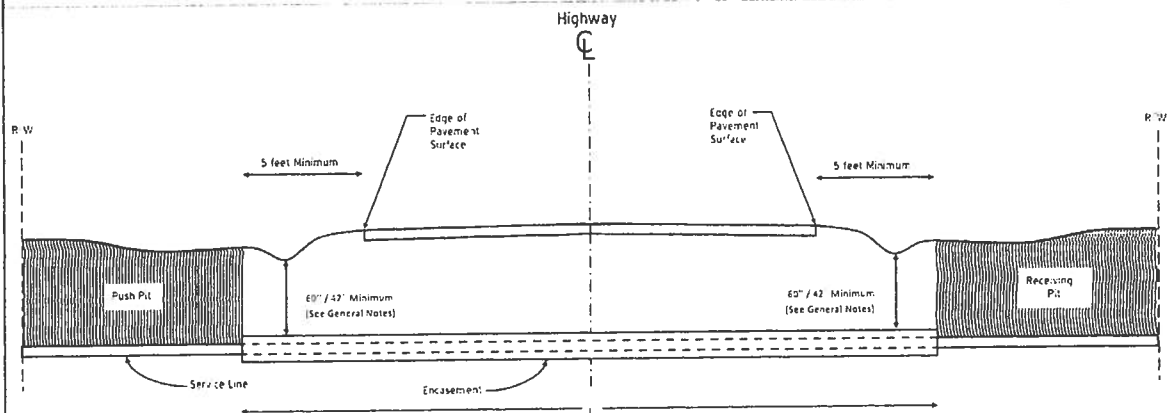
SECTION 3: ENCASEMENT INFORMATION

ENCASEMENT TYPE: Steel	DIAMETER: 14"
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SECTION 4: BORE INFORMATION

BORE TYPE: Conventional Bore & Jack	LENGTH (L): 80'	DIAMETER: 15"
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SECTION 5: DETAIL FOR NON-FULLY CONTROLLED HIGHWAYS



SECTION 6: GENERAL NOTES

- Push Pit and Receiving Pit shall be backfilled and thoroughly compacted.
- All ditch lines are to remain open at all times and restored to original condition.
- Shape, Seed and Straw all disturbed areas immediately after completing the work.
- Provide traffic control as required to ensure the safety of the traveling public in accordance with the current edition of the *Manual on Uniform Traffic Control Devices*.
- The minimum depth for underground electrical lines and natural gas and petroleum fraction lines under roadways, ramps, and ditch lines is 60". The minimum depth for underground electrical lines, natural gas and petroleum fraction lines, and all other underground utilities is 42" in all other areas, unless NESC requires additional depth.
- See KYTC Permits Manual for all requirements and specifications.



ENCROACHMENT PERMIT GENERAL NOTES & SPECIFICATIONS

Permit No. 08-2025-00380

I. SAFETY

A. General Provisions

- All signs and control of traffic shall be in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways, latest edition, Part VI, Kentucky Department of Highways Standard Drawings, and safety requirements shall comply with the Permits Manual.
- 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 Manual on Uniform Traffic Control Devices and Kentucky Department of Highways Standard Drawings.
- 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 8:30 AM and 4:00 PM.
- The traveled-way and shoulders shall be kept clear of mud and other construction debris at all times during construction of the permitted facility.
- Non-construction equipment, vehicles, or office trailers shall not 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.

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. Other Safety Requirements

- All workers must wear OSHA conforming personal protection items at all times when work is performed on the KYTC right of way. All traffic control must conform to the latest edition of the Manual on Uniform Traffic Control Devices and Kentucky Department of Highways Standard Drawings

II. UTILITIES * Applies to Fully Controlled Access Highways ONLY

- *All work necessary within the right of way shall be performed behind a temporary fence erected prior to a boring operation.
- *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 Kentucky Department of Highways Standard Drawings.
- *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.

IV. 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:

Slopes 3:1 or flatter	90% Kentucky 31 Tall Fescue 10% White Dutch Clover
-----------------------	---

Slopes steeper than 3:1	70% KY 31 Fescue 30% Partridge Pea
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- 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, rock mulch, or paved areas may be acceptable if they are aesthetically pleasing.
- All ditch-flow lines and all ditch-side slopes shall be sodded.
- Existing right of way markers shall not be disturbed, but if damaged in any way, they shall be entirely replaced by the permittee, with new 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.
- Other right of way restoration requirements are as follows:

V. DRAINAGE

- 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 in accordance with Department Standard Specifications for Road and Bridge Construction (latest edition). Pipe shall not be covered until inspected by the Department and express permission obtained to make backfill.
- 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 Department specifications and shall be constructed in accordance with the Department Standard Drawings. Type required:

VIII. DENSE GRADED SHOULDERS

- Any existing dense-graded aggregate shoulders in the entire frontage within the construction area, which have been disturbed or damaged or on which dirt has been placed or mud has been deposited or tracked, shall be restored to original condition by removal of all contaminated material and replaced to proper grade with new dense-graded aggregate.
- All new aggregate shoulders as specified in the plan shall consist of 5 inches of compacted dense-graded aggregate, 2^{1/2} pounds per square yard of calcium chloride.
- All dense-graded aggregate shoulders shall slope away from the new edge of pavement at the rate of 3/4 inch per foot.

IX. CURBING

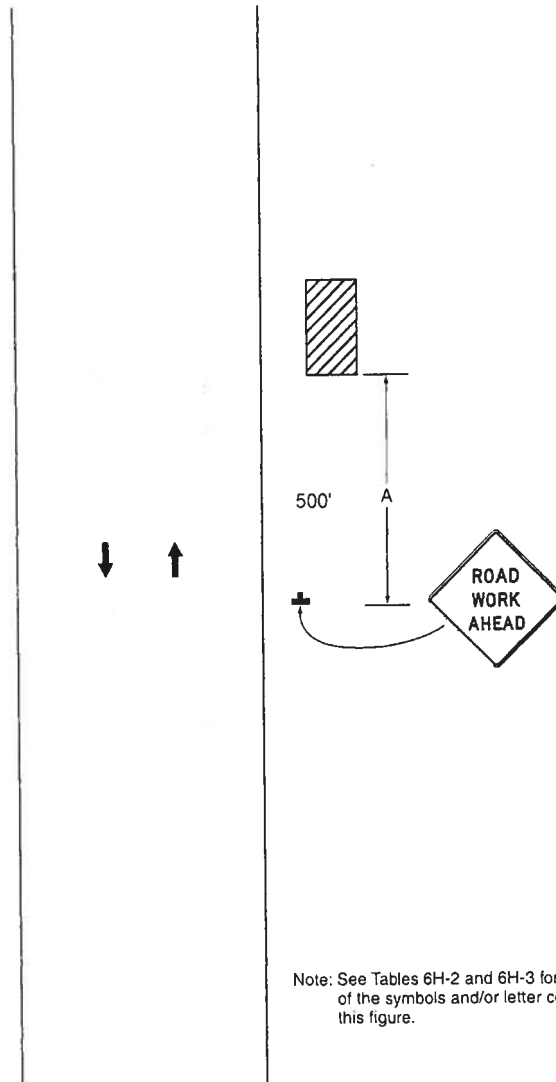
A. Bituminous Curbs

- Bituminous concrete curbs shall be given a paint coat of asphalt emulsion.
- The surface under the bituminous concrete curb shall be tacked with asphalt emulsion.
- All bituminous concrete curbs shall be constructed of a Class I bituminous concrete mixture as specified by official Department of Highways specifications.
- All bituminous curbs shall be rolled curb, with a minimum base width of 8 inches and a minimum height of _____ inches. The top of the curb shall be constructed in such a manner as to guarantee a uniform rolled effect throughout the entire run.

B. Concrete Curbs

- All curbs or curb and gutter shall be constructed of Class A concrete (3,500 p.s.i. test) and shall be uniform in height, width, and alignment, true to grade, and satisfactory in finish and appearance as determined by the Department. All materials and methods of construction, including curing, shall be in accordance with Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).
- All concrete curbs shall be 6 inches in width, extend _____ inches above finished grade and 12 inches below finished grade, with all visible edge rounded to 1/2 inch radii.
- All concrete curbs shall have expansion joints constructed at intervals of not more than 30 feet, and 1/2 inch premolded expansion joint material (cut to conform to the curb or to the curb and gutter section) shall be used in each expansion joint.
- The last _____ feet of all concrete curbs are to be tapered down to finished grade.

Figure 6H-1. Work Beyond the Shoulder (TA-1)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 1

APPLICATION
 THIS DRAWING APPLIES TO SHOULDER CLOSURES ON MULTI-LANE HIGHWAYS, TWO-LANE TWO-DIRECTION HIGHWAYS, AND ONE-WAY HIGHWAYS.

MAXIMUM FLARE RATES FOR TEMPORARY TRAFFIC BARRIER			
DESIGN SPEED	70 MPH	60 MPH	50 MPH
FLARE RATE	15:1	14:1	11:1

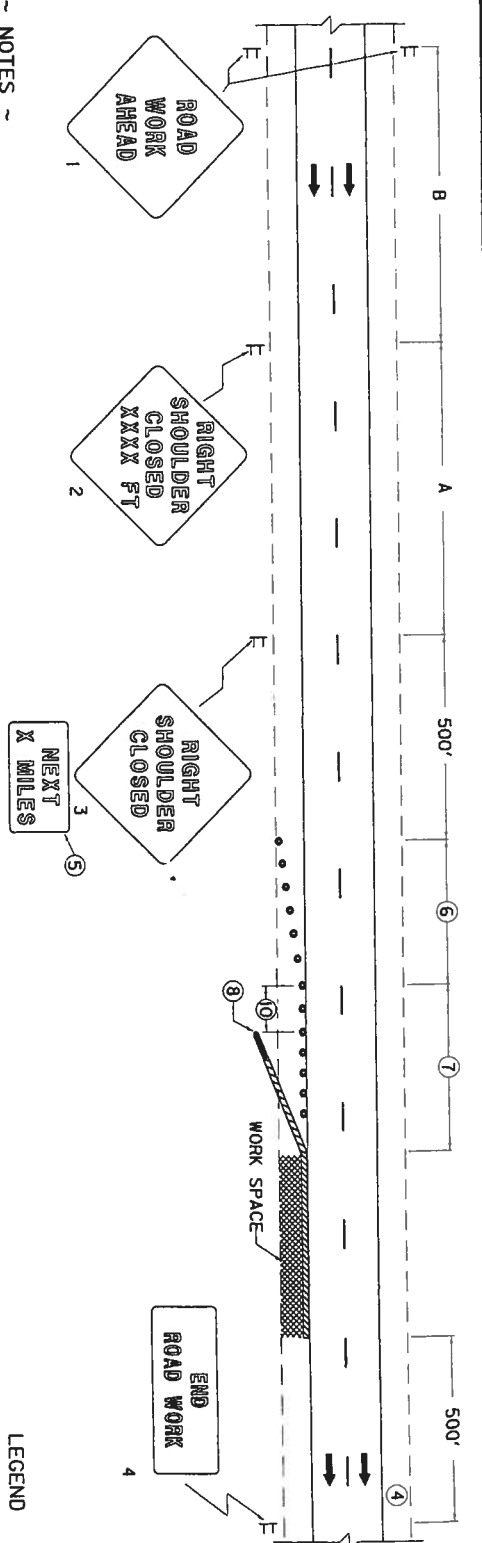
SIGNING AND SPACING TABLE			
ROAD TYPE	A	B	L
EXPRESSWAY/FREEWAY	1000'	1600'	840'
SP. LT. \geq 45 MPH*	500'	500'	680'
SP. LT. \leq 40 MPH*	500'	500'	320'

*NOTE: USE NORMAL POSTED SPEED LIMIT

KENTUCKY
 DEPARTMENT OF HIGHWAYS
SHOULDER CLOSURE
 STANDARD DRAWING NO. TTC-135-02
 SUBMITTED BY: R. M. [Signature]
 DATE: 12-01-15
 APPROVED BY: [Signature]
 DATE: 12-01-15

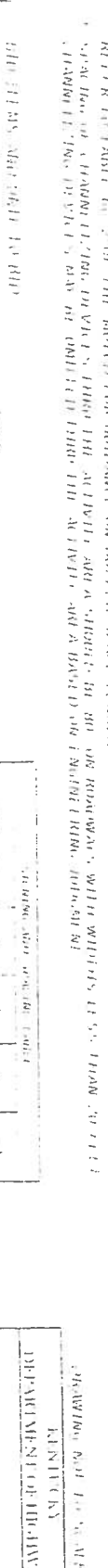
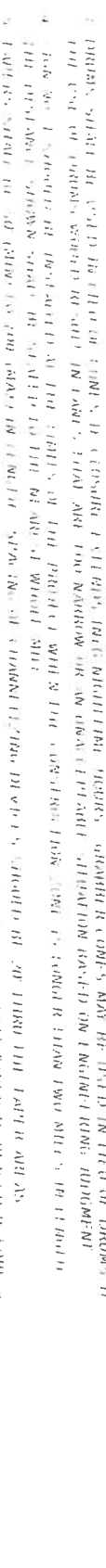
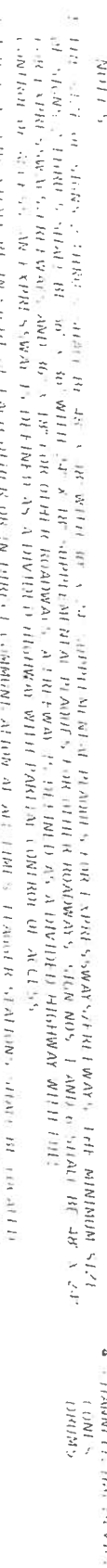
- NOTES**
1. THE SIZE OF SIGNS 1 THRU 3 SHALL BE 48" X 48" WITH 30" X 24" SUPPLEMENTAL PLAQUES FOR EXPRESSWAYS/FREEWAYS. THE MINIMUM SIZE OF SIGNS 1 THRU 3 SHALL BE 36" X 36" WITH 24" X 18" SUPPLEMENTAL PLAQUES FOR OTHER ROADWAYS. SIGN NO. 4 SHALL BE 48" X 24" FOR EXPRESSWAYS/FREEWAYS AND 36" X 18" FOR OTHER ROADWAYS. A FREEWAY SHALL BE DEFINED AS A DIVIDED HIGHWAY WITH FULL CONTROL OF ACCESS. AN EXPRESSWAY SHALL BE DEFINED AS A DIVIDED HIGHWAY WITH PARTIAL CONTROL OF ACCESS.
 2. SIGN 1 SHALL NOT BE DUAL-MOUNTED ON TWO-LANE, TWO-DIRECTION HIGHWAYS OR ON MULTI-LANE HIGHWAYS WHERE MEDIAN IS NOT WIDE ENOUGH TO MAINTAIN LATERAL CLEARANCES SHOWN IN THE MUTCD. SIGNS 2 AND 3 SHALL BE INSTALLED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.
 3. DRUMS OR TYPE II BARRICADES SHALL BE USED IN LIEU OF CONES OR TUBULAR MARKERS IF CLOSURE EXTENDS INTO NIGHTTIME HOURS.
 4. ON TWO-LANE TWO-DIRECTION HIGHWAYS, SIGNS 1 THRU 3 SHALL BE INSTALLED ON THE APPROACH WITH THE RIGHT SHOULDER CLOSED. A ROAD WORK AHEAD* AND *SHOULDER WORK* SIGN AT A SPACING OF 74' (SEE SIGNING AND SPACING TABLE). AN ADDITIONAL *ROAD WORK AHEAD* SIGN SHALL BE INSTALLED IN ADVANCE OF THE *SHOULDER WORK* SIGN AT A SPACING OF 89'.
 5. WHEN THE END OF THE CLOSURE CANNOT BE SEEN BY ROAD USERS, A *NEXT X MILES* PLAQUE SHALL BE INSTALLED BELOW THE *SHOULDER CLOSED* SIGN. THE PLAQUE SHALL BE 36" X 30" FOR EXPRESSWAYS/FREEWAYS AND 24" X 18" FOR OTHER ROADWAYS.
 6. TAPER LENGTH SHALL BE 0.33 L. SPACING OF CHANNELIZING DEVICES THROUGH THE SHOULDER TAPER SHOULD BE 40'.
 7. SPACING OF CHANNELIZING DEVICES THROUGH THE REMAINDER OF THE CLOSURE SHOULD BE 80'.
 8. TEMPORARY TRAFFIC BARRIER SHALL BE REQUIRED ONLY IF DESIGNATED ELSEWHERE IN THE PLANS. IN ORDER TO MITIGATE THE EFFECT OF STRIKING THE END OF A TEMPORARY TRAFFIC BARRIER, THE END SHALL BE INSTALLED IN ACCORDANCE WITH THE ROADSIDE DESIGN GUIDE BY FLARING (SEE TABLE) UNTIL THE END IS OUTSIDE THE ACCEPTABLE CLEAR ZONE OR BY PROVIDING CRASHWORTHY END TREATMENTS. FLATTER FLARE RATES MAY BE USED.
 9. THE COLOR OF BARRIER WALL DELINEATORS SHALL MATCH THE COLOR OF THE EDGE LINE THAT THEY SUPPLEMENT.
 10. BUFFER SPACE (OPTIONAL). REFER TO TABLE 6C-2 OF THE MUTCD FOR GUIDANCE ON BUFFER SPACE LENGTH.

DRAWING NOT TO SCALE



LEGEND

- TEMPORARY TRAFFIC BARRIER
- F SIGN
- CHANNELIZING DEVICES
- CONES
- DRUMS
- TYPE II BARRICADES
- TUBULAR MARKERS
- CRASH CUSHION



THESE SIGNS ARE USED TO ADVISE DRIVERS OF ROAD WORK AHEAD AND TO PREPARE THEM TO STOP. THE SIGNS ARE USED IN THE FOLLOWING SITUATIONS:

1. TO ADVISE DRIVERS OF ROAD WORK AHEAD.
2. TO PREPARE DRIVERS TO STOP.
3. TO ADVISE DRIVERS OF ROAD WORK AHEAD AND TO PREPARE THEM TO STOP.
4. TO ADVISE DRIVERS OF ROAD WORK AHEAD AND TO PREPARE THEM TO STOP.
5. TO ADVISE DRIVERS OF ROAD WORK AHEAD AND TO PREPARE THEM TO STOP.
6. TO ADVISE DRIVERS OF ROAD WORK AHEAD AND TO PREPARE THEM TO STOP.
7. TO ADVISE DRIVERS OF ROAD WORK AHEAD AND TO PREPARE THEM TO STOP.
8. TO ADVISE DRIVERS OF ROAD WORK AHEAD AND TO PREPARE THEM TO STOP.

ROAD TYPE	1	2	3	4	5
1. TWO-LANE HIGHWAY	1000	500	500	500	500
2. TWO-LANE HIGHWAY WITH NARROW SHOULDER	500	500	500	500	500
3. TWO-LANE HIGHWAY WITH NARROW SHOULDER AND ROAD WORK SIGN	500	500	500	500	500
4. TWO-LANE HIGHWAY WITH NARROW SHOULDER AND ROAD WORK SIGN	500	500	500	500	500
5. TWO-LANE HIGHWAY WITH NARROW SHOULDER AND ROAD WORK SIGN	500	500	500	500	500
6. TWO-LANE HIGHWAY WITH NARROW SHOULDER AND ROAD WORK SIGN	500	500	500	500	500
7. TWO-LANE HIGHWAY WITH NARROW SHOULDER AND ROAD WORK SIGN	500	500	500	500	500
8. TWO-LANE HIGHWAY WITH NARROW SHOULDER AND ROAD WORK SIGN	500	500	500	500	500

STANDARD BREAKING IN THE 100 FT. STOPPING DISTANCE IS 100 FT. FOR A 30 MPH SPEED AND 200 FT. FOR A 60 MPH SPEED.

DEPARTMENT OF HIGHWAYS
LANE CLOSURE
TWO-LANE HIGHWAY

STANDARD BREAKING IN THE 100 FT. STOPPING DISTANCE IS 100 FT. FOR A 30 MPH SPEED AND 200 FT. FOR A 60 MPH SPEED.

STANDARD BREAKING IN THE 100 FT. STOPPING DISTANCE IS 100 FT. FOR A 30 MPH SPEED AND 200 FT. FOR A 60 MPH SPEED.

STANDARD BREAKING IN THE 100 FT. STOPPING DISTANCE IS 100 FT. FOR A 30 MPH SPEED AND 200 FT. FOR A 60 MPH SPEED.

STANDARD BREAKING IN THE 100 FT. STOPPING DISTANCE IS 100 FT. FOR A 30 MPH SPEED AND 200 FT. FOR A 60 MPH SPEED.

STANDARD BREAKING IN THE 100 FT. STOPPING DISTANCE IS 100 FT. FOR A 30 MPH SPEED AND 200 FT. FOR A 60 MPH SPEED.

Property Line

10' Minimum (Rural)

5' Minimum (Urban)

D=_____

Width 20

RW

D= 30

Pipe Size = 15

CMP RCP HDPE

(15 inch minimum)

Radius= 5

RW

Center of Roadway

Edge of Roadway

Edge of Shoulder

Valley Drain To Be Installed
Maintaining Shoulder Slope
From Edge of Shoulder To
Center Of Ditch

1' Minimum Coverage

2% Cross Slope

Entrance Shall Have 2% Cross Slope To Direct
Water Run Off To Ditches

Permit # 08-2025-00380

County Cumberland

Roadway ID 61

Roadway Mile Point 11.8

Applicant Name Cumberland water

**TYPICAL HIGHWAY BORE DETAIL
 - FOR FULLY CONTROLLED HIGHWAYS -**

KYTC KEPT #: _____

SECTION 1: HIGHWAY INFORMATION

COUNTY:	ROUTE:	MILE POINT:	PAVEMENT WIDTH:
Cumberland Ky 61		9.17	24ft

SECTION 2: UTILITY INFORMATION

UTILITY TYPE:	PIPE TYPE:	DIAMETER:
8 inch water line	PVC SDR17	8 inch

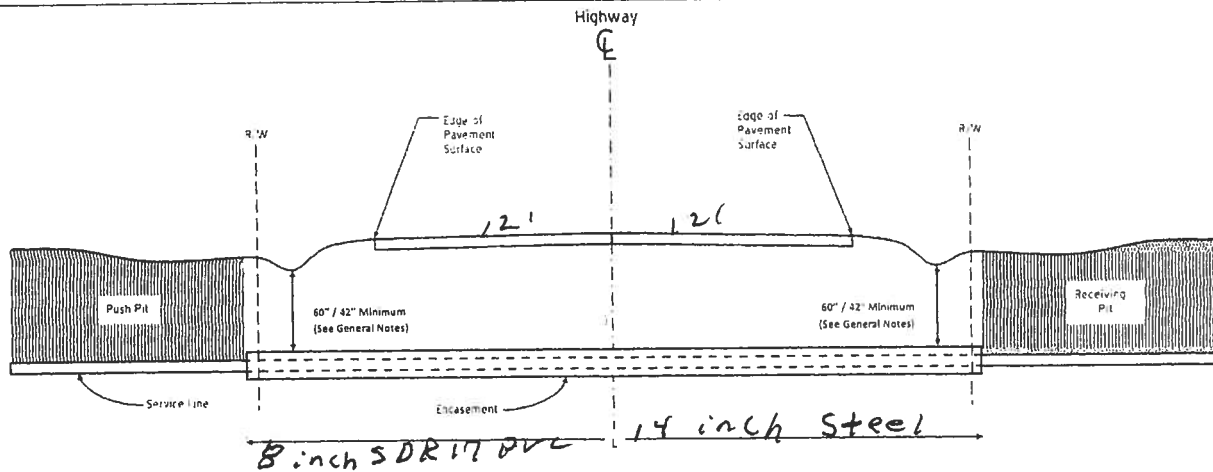
SECTION 3: ENCASEMENT INFORMATION

ENCASEMENT TYPE:	DIAMETER:
Steel	14 inch

SECTION 4: BORE INFORMATION

BORE TYPE:	LENGTH (L):	DIAMETER:

SECTION 5: DETAIL FOR FULLY CONTROLLED HIGHWAYS



SECTION 6: GENERAL NOTES

- Push Pit and Receiving Pit shall be backfilled and thoroughly compacted.
- All ditch lines are to remain open at all times and restored to original condition.
- Shape, Seed and Straw all disturbed areas immediately after completing the work.
- Provide traffic control as required to ensure the safety of the traveling public in accordance with the current edition of the *Manual on Uniform Traffic Control Devices*.
- The minimum depth for underground electrical lines under roadways, ramps, and ditch lines and natural gas and petroleum fraction lines is 60". The minimum depth for underground electrical lines in all other areas and all other underground utilities is 42", unless NESC requires additional depth.
- See KYTC Permits Manual for all requirements and specifications.

EXHIBIT C

KIA Conditional Commitment Letter



KENTUCKY INFRASTRUCTURE AUTHORITY

Andy Beshear
Governor

100 Airport Road
Frankfort, Kentucky 40601
(502) 573-0260
kia.ky.gov

Sandy Williams
Executive Director

August 8, 2025

Michael Ballard, Manager
Cumberland County Water District
133 Lower River Street
Burkesville, KY 42717

KENTUCKY INFRASTRUCTURE AUTHORITY INFRASTRUCTURE REVOLVING LOAN FUND CONDITIONAL COMMITMENT LETTER (B25-014)

Dear Mr. Ballard:

The Kentucky Infrastructure Authority ("the Authority") commends your efforts to improve public service facilities in your community. On August 7, 2025, the Authority approved your loan for the Joe Scott Ridge Booster Pump Station Replacement project subject to the conditions stated in Attachment A to this letter. The total cost of the project shall not exceed \$1,110,000, without prior authorization, of which the Authority is the sole source of the funding. The final loan amount will be equal to the amount of funds disbursed for the project. Attachment B incorporated herein by reference fully describes the project.

An Assistance Agreement will be executed between the Authority and the Cumberland County Water District upon satisfactory performance of the conditions set forth in Attachment A. You must meet the conditions set forth in Attachment A and enter into an Assistance Agreement by August 8, 2026 (twelve months from the date of this letter). A one-time extension of up to six months may be granted for applicants that experience extenuating circumstances. Funds will be available for disbursement only after execution of the Assistance Agreement.

TEAM
KENTUCKY™

An Equal Opportunity Employer M/F/D

Mr. Ballard
August 8, 2025
Page 2

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

Sincerely,



Milward Dedman
Deputy Executive Director

Attachments

cc: James Lee Mudd, Jr., Monarch Engineering, Inc.
Monarch Engineering, Inc., James Lee Mudd, Jr.

Please sign and return a copy of this letter indicating your acceptance of this commitment and its terms. Complete the attached "Authorization for Electronic Deposit of Vendor Payment Form" and the "ACH Debit Authorization Form" **and return to this office**. Also included are the "Legal Counsel Certification Letter" sample and the "Statement of Approval of Projections of Revenue and Expenses" for you to complete at the appropriate time. These forms and an SRF loan checklist guide can be found in Attachment C of this letter.


Accepted

8-11-2025
Date

ATTACHMENT A

Conditions

Cumberland County Water District
B25-014

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

1. The Authority project loan shall not exceed \$1,110,000.
2. The loan shall bear interest at the rate of 1.00% per annum commencing with the first draw of funds.
3. The loan shall be repaid over a period not to exceed 20 years from the date of the last draw of funds.
4. Interest shall be payable on the amount of actual funds received. The first payment shall be due on June 1, or December 1, immediately succeeding the date of the initial draw of funds, provided that if such June 1, or December 1, shall be less than three months since the date of the initial draw of funds, then the first interest payment date shall be the June 1, or December 1, which is at least six months from the date of the initial draw of funds. Interest payments will be due each six months thereafter until the loan is repaid. KIA requires the use of Automated Clearing House (ACH) debits for payment of all balances due on the loan. This will ensure that payments are credited timely to your account without the risk of incurring late payment fees. If the due date falls on a weekend or holiday your account will be debited on the next business day. Please complete and return the authorization form in Attachment C of this letter to U.S. Bank for processing.
5. Full principal payments will commence on June 1, or December 1, immediately succeeding the date of the last draw of funds, provided that if such June 1, or December 1, shall be less than three months since the date of the last draw of funds, then the first principal payment date shall be the June 1, or December 1, which is at least six months from the date of the last draw of funds. Full payments will be due each six months thereafter until the loan is repaid.
6. A loan servicing fee of 0.20% of the outstanding loan balance shall be payable to the Authority as a part of each interest payment.
7. Loan funds will only be disbursed after execution of the Assistance Agreement as project costs are incurred.

8. The Authority loan funds must be expended within six months of the official date of initiation of operation.
9. The Authority requires that an annual financial audit be provided for the life of the loan.
10. The final Assistance Agreement must be approved by ordinance or resolution, as applicable, of the city council or appropriate governing board.
11. The borrower must maintain a 1.1 debt coverage ratio throughout the life of the KIA loan. All borrowers are subject to at least an annual financial review for compliance.

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

1. Upon completion of final design of the facilities in the attached project description, favorable approval shall be obtained of such design by all appropriate parties as required by Kentucky statute or administrative regulation.
2. The Borrower must provide certification from their legal counsel stating that the procurement procedures, including those for construction, land, equipment and professional services that are a part of the project, are in compliance with applicable state and local procurement laws.
3. Documentation of final funding commitments from all parties other than the Authority as reflected in the Attachment B description shall be provided prior to preparation of the Assistance Agreement and disbursement of the loan monies. Rejections of any anticipated project funding, or any new funding sources not reflected in Attachment B shall be immediately reported and may cause this loan to be subject to further consideration.
4. Upon receipt of construction bids a tabulation of such bids and engineer's recommendations on compliance with bid specifications and recommendation for award, shall be forwarded to the Authority for final approval and sizing of this loan and the project.

5. The loan must undergo review by the Capital Projects and Bond Oversight Committee of the Kentucky Legislature prior to the state's execution of the Assistance Agreement. The Committee meets monthly. Any special conditions listed in Attachment B must be satisfied before the project is presented before the Committee.
6. Any required adjustment in utility service rates shall be adopted by ordinance, municipal order or resolution by the appropriate governing body of the Borrower. Public hearings as required by law shall be held prior to the adoption of the service rate ordinance, order, or resolution. Any required approvals by the Kentucky Public Service Commission shall be obtained.
7. Based on the final "as bid" project budget, the borrower must provide satisfactory proof, based on then existing conditions, that the revenue projections in the attached descriptions are still obtainable and that the projections of operating expenses have not materially changed. The "as bid" project budget shall be reviewed and approved by your consultant engineer.
8. All easements or purchases of land shall be completed prior to commencement of construction. Certification of all land or easement acquisitions shall be provided to the Authority.
9. The Borrower must provide documentation of Clearinghouse Endorsement and Clearinghouse Comments.
10. The Borrower must complete and return the "Authorization for Electronic Deposit of Borrower Payment" form in Attachment C of this letter to U.S. Bank.
11. The Borrower will implement the Kentucky Uniform System of Accounting (KUSoA), or an alternative approved by the Authority and assure that rates and charges for services are based upon the cost of providing such service.
12. The Borrower will provide Final Design Plans in an AutoCAD Drawing File Format (DWG), referenced to the appropriate (North, South or Single) Kentucky State Plane Coordinate System (NAD83-Survey Feet) on a Compact Disc (CD). The recipient shall provide the Authority a digital copy (pdf) of the record drawings from the project within three months of construction completion.

Any special conditions listed in Attachment B must be resolved.

ATTACHMENT B

Executive Summary and Credit Analysis

Cumberland County Water District
B25-014

EXECUTIVE SUMMARY KENTUCKY INFRASTRUCTURE AUTHORITY FUND B, INFRASTRUCTURE REVOLVING LOAN FUND		Reviewer Date KIA Loan Number WRIS Number	Jeremy Skinner August 7, 2025 B25-014 WX21057032	
BORROWER		CUMBERLAND COUNTY WATER DISTRICT CUMBERLAND COUNTY		
BRIEF DESCRIPTION The Cumberland County Water District is requesting a Fund B loan in the amount of \$1,110,000 to fund the Joe Scott Ridge Booster Pump Station Replacement project. The project will replace a non-operational pump station and enable the District to meet the water demands of existing and future customers in the southern portion of its distribution system. The District supplies water to the project area via wholesale purchases from the City of Burkesville and the City of Albany. In recent years, there have been multiple instances where the needed supply from the City of Albany was unavailable. The proposed project will allow the District to supply the project area solely from the City of Burkesville, which has ample capacity. Accordingly, the project will significantly improve the overall reliability for the District's system, while also helping to alleviate the ongoing capacity issues for the City of Albany. The project consists of the construction of a new 250 gallon-per-minute (GPM) booster pump station and the installation of approximately 1,350 linear feet (LF) of 8-inch water transmission main and 1,750 LF of 3" water main and appurtenances along Kentucky HWY 61. The existing, non-operational pump station will be demolished and removed.				
PROJECT FINANCING		PROJECT BUDGET		
Fund B Loan	\$1,110,000	Administrative Expenses	\$5,000	
		Legal Expenses	5,000	
		Land, Easements	7,100	
		Eng - Design / Const	79,200	
		Eng - Insp	51,200	
		Construction	875,000	
		Contingency	87,500	
TOTAL	\$1,110,000	TOTAL	\$1,110,000	
REPAYMENT	Rate Term	1.00% 20 Years	Est. Annual Payment 1st Payment 6 Mo. after first draw \$63,593	
PROFESSIONAL SERVICES	Engineer Bond Counsel	Monarch Engineering, Inc. Dinsmore & Shohl, LLP		
PROJECT SCHEDULE	Bid Opening Construction Start Construction Stop	Oct-25 Jan-26 Jun-26		
DEBT PER CUSTOMER	Existing Proposed	\$1,486 \$1,715		
OTHER DEBT	See Attached			
RESIDENTIAL RATES	Current Additional	<u>Users</u> 2,896 0	<u>Avg. Bill</u> \$53.83 (for 4,000 gallons) \$53.83 (for 4,000 gallons)	
REGIONAL COORDINATION	This project is consistent with regional planning recommendations.			
CASHFLOW	Cash Flow Before Debt Service	Debt Service	Cash Flow After Debt Service	Coverage Ratio
Audited 2022	165,677	262,933	(97,256)	0.6
Audited 2023	396,835	307,809	89,026	1.3
Audited 2024	110,829	295,950	(185,121)	0.4
Projected 2025	207,899	329,753	(121,854)	0.6
Projected 2026	414,959	345,738	69,221	1.2
Projected 2027	380,915	351,471	29,444	1.1
Projected 2028	375,205	335,256	39,950	1.1
Projected 2029	368,588	308,274	60,315	1.2

Reviewer: Jeremy Skinner
Date: August 7, 2025
Loan Number: B25-014

**KENTUCKY INFRASTRUCTURE AUTHORITY
INFRASTRUCTURE REVOLVING LOAN FUND (FUND B)
CUMBERLAND COUNTY WATER DISTRICT, CUMBERLAND COUNTY
PROJECT REVIEW
WX21057032**

I. PROJECT DESCRIPTION

The Cumberland County Water District is requesting a Fund B loan in the amount of \$1,110,000 to fund the Joe Scott Ridge Booster Pump Station Replacement project. The project will replace a non-operational pump station and enable the District to meet the water demands of existing and future customers in the southern portion of its distribution system. The District supplies water to the project area via wholesale purchases from the City of Burkesville and the City of Albany. In recent years, there have been multiple instances where the needed supply from the City of Albany was unavailable. The proposed project will allow the District to supply the project area solely from the City of Burkesville, which has ample capacity. Accordingly, the project will significantly improve the overall reliability for the District's system, while also helping to alleviate the ongoing capacity issues for the City of Albany.

The project consists of the construction of a new 250 gallon-per-minute (GPM) booster pump station and the installation of approximately 1,350 linear feet (LF) of 8-inch water transmission main and 1,750 LF of 3" water main and appurtenances along Kentucky HWY 61. The existing, non-operational pump station will be demolished and removed.

The District serves 2,806 residential, 85 commercial, and 5 industrial customers. As noted, the District currently purchases water from the City of Burkesville, the City of Albany, and, minimally, the Columbia/Adair Utilities District.

II. PROJECT BUDGET

	<u>Total</u>
Administrative Expenses	\$5,000
Legal Expenses	5,000
Land, Easements	7,100
Engineering Fees – Design	79,200
Engineering Fees – Inspection	51,200
Construction	875,000
Contingency	87,500
Total	\$1,110,000

III. PROJECT FUNDING

	<u>Amount</u>	<u>%</u>
Fund B Loan	\$1,110,000	100%
Total	\$1,110,000	100%

IV. KIA DEBT SERVICE

Construction Loan	\$1,110,000
Less: Principal Forgiveness	<u>0</u>
Amortized Loan Amount	\$1,110,000
Interest Rate	1.00%
Loan Term (Years)	20
Estimated Annual Debt Service	61,373
Administrative Fee (0.20%)	<u>2,220</u>
Total Estimated Annual Debt Service	\$63,593

V. PROJECT SCHEDULE

Bid Opening:	October 2025
Construction Start:	January 2026
Construction Stop:	June 2026

VI. RATE STRUCTURE

A. Customers

<u>Customers</u>	<u>Current</u>
Residential	2,806
Commercial	85
Industrial	<u>5</u>
Total	<u>2,896</u>

B. Rates

WATER (5/8 x 3/4-Inch Meter)	Current	Prior	Prior	Prior
Date of Last Rate Increase	4/15/2025	4/15/2024	10/5/23	11/8/19
Minimum (2,000 gallons)*	\$34.63	\$33.67	\$32.75	\$29.10
Next 3,000 Gallons (per gallon)	0.00960	0.00912	0.00866	0.00770
Next 5,000 Gallons (per gallon)	0.00849	0.00801	0.00755	0.00670
Over 10,000 Gallons (per gallon)	0.00735	0.00687	0.00641	0.00570
Cost for 4,000 gallons	\$53.83	\$51.91	\$50.07	\$44.50
Increase %	3.7%	3.7%	12.5%	
Affordability Index (Rate/MHI)	1.6%	1.6%	1.5%	1.4%

* A monthly Water Loss Reduction Surcharge of \$2.85 per active meter was introduced in October 2023. The surcharge is not included in the above table.

VII. DEMOGRAPHICS

Based on current Census data from the American Community Survey 5-Year Estimate 2018-2022, the Utility's service area population is 3,953 with a Median Household Income (MHI) of \$39,474. The MHI for the Commonwealth is \$60,183. The loan will qualify for a 1.00% interest rate.

VIII. FINANCIAL ANALYSIS

Financial information was obtained from the audited financial statements for the years ended December 31, 2022, through December 31, 2024. Percentage references in the History section below are based on whole dollar amounts and not the rounded amounts presented.

HISTORY

Operating revenues increased 20 percent from \$1.66 million in 2022 to just over \$2 million in 2024. The primary drivers of revenue growth were a PSC-approved general rate adjustment in October 2023 and a purchased water adjustment in April 2024. Additionally, a monthly Water Loss Reduction surcharge was introduced in October 2023 to fund improvements and equipment intended to address the District's ongoing water loss issues. Operating expenses – less depreciation and other non-cash items – increased 32 percent from 2022 to 2024, outpacing revenue growth. However, this figure is somewhat misleading as operating expenses *decreased* by 4 percent in 2023 and then increased by 37 percent in 2024. The nearly 40 percent increase in operating expenses in 2024 was largely due to non-recurring costs. Additionally, Purchased Water costs increased nearly 21 percent from \$483 thousand in 2023 to nearly \$585 in 2024 due to the City of Burkesville – the District's primary water wholesaler – increasing its rates. The agency's existing debt consists of loans payable to the Kentucky Rural Water Finance Corporation totaling \$1.3 million, various bond issues payable to the U.S. Department of Agriculture totaling \$2.4 million, and notes payable to a local financial institution totaling \$130 thousand. The District has one loan with

KIA (F15-001) which is fully drawn with ongoing principal and interest payments and a balance of \$548,420 as of CYE 2024. The debt service coverage ratio was 0.6, 1.3, and 0.4 in 2022, 2023, and 2024, respectively.

The balance sheet reflects a current ratio of 1.1, a debt-to-equity ratio of 1.7, 24.3 days of sales in accounts receivable, and 0.5 months of operating expenses in unrestricted cash.

PROJECTIONS

Projections are based on the following assumptions:

- 1) Water Revenues will increase 3.7 percent in 2025 due to PSC-approved rate increases that took effect in April 2024 and April 2025.
- 2) Water revenues will increase \$280,000 annually starting in 2026 to maintain the required 1.1 debt service coverage ratio.
- 3) Revenues obtained via the Water Loss Reduction Surcharge are not included in the 2025 – 2029 revenue projections due to the restricted nature of the funds. Per the District, surcharge revenues can only be used for improvements and equipment directly addressing the District's water loss and are not available for debt service of any kind.
- 4) Purchased Water costs will increase 10.5 percent in 2025 and 2026 and 4 percent in 2027 due to scheduled rate increases from the District's primary wholesale water provider. However, the overall volume purchased is projected to decrease 2.5 percent annually starting in 2026 due to ongoing and planned projects funded by the Water Loss Reduction Surcharge.
- 5) Operating Expenses will *decrease* by approximately 14 percent in 2025 due to the removal of non-recurring expenses that occurred in CY 2024.
- 6) Operating Expenses will increase 2 percent annually starting in 2026 due to inflation.
- 7) Debt service coverage is 1.1 in 2027 when principal and interest repayments begin.

Based on the pro forma assumptions, the utility shows adequate cash flow to repay the KIA Fund B loan.

The Cumberland County Water District is regulated by the Public Service Commission (PSC) and will need to apply to the PSC, pursuant to KRS 278.300, for debt authorization for the \$1,110,000 loan and must receive a Certificate of Public Convenience and Necessity, pursuant to KRS 278.020.

REPLACEMENT RESERVE

The replacement reserve will be 5% (\$56,000 total) of the final amount borrowed to be funded annually (\$2,800 yearly) each December 1 for 20 years and maintained for the life of the loan.

IX. DEBT OBLIGATIONS

	<u>Outstanding</u>	<u>Maturity</u>
KRWF Series 2005B	\$42,000	2031
KRWF Series 2020E	1,260,000	2049
KIA F15-001	548,420	2036
USDA Bonds	2,355,500	2058
Loan Payable (Local Bank)	96,093	2026
Loan Payable (Local Bank)	35,043	2027
Total	\$4,337,056	

X. CONTACTS

Legal Applicant	
Name	Cumberland County Water District
Address	133 Lower River Street Burkesville, KY 42717
County	Cumberland
Authorized Official	Michael Ballard
Phone	(270) 864-3133
Email	ccwateroffice@yahoo.com

Project Contact - Applicant	
Name	Michael Ballard
Organization	Cumberland County Water District
Address	133 Lower River Street Burkesville, KY 42717
Phone	(270) 864-3133
Email	ccwateroffice@yahoo.com

Project Administrator	
Name	James Lee Mudd, Jr.
Organization	Monarch Engineering, Inc.
Address	556 Carlton Drive Lawrenceburg, KY 40342
Phone	(502) 839-1310
Email	lmudd@monarchengineering.net

Consulting Engineer	
Name	James Lee Mudd, Jr.
Firm	Monarch Engineering, Inc.
Address	556 Carlton Drive Lawrenceburg, KY 40342
Phone	(502) 839-1310
Email	lmudd@monarchengineering.net

XI. RECOMMENDATIONS

KIA staff recommends approval of the loan with the standard conditions and the following special condition:

The Cumberland County Water District will pass a resolution demonstrating their intention to increase revenues as necessary to maintain KIA's required 1.1 debt service coverage ratio. KIA staff review indicates that service revenues will need to increase approximately \$280,000, or 15 percent, by CY 2026 to meet the loan requirement.

CUMBERLAND COUNTY WATER DISTRICT
FINANCIAL SUMMARY (DECEMBER YEAR END)

	Audited <u>2022</u>	Audited <u>2023</u>	Audited <u>2024</u>	Projected <u>2025</u>	Projected <u>2026</u>	Projected <u>2027</u>	Projected <u>2028</u>	Projected <u>2029</u>
Balance Sheet								
Assets								
Current Assets	405,435	494,921	507,932	384,549	472,471	501,914	541,864	602,178
Other Assets	7,424,960	7,045,366	6,844,050	6,631,552	9,929,054	9,588,806	9,248,558	8,908,310
Total	7,830,395	7,540,287	7,351,982	7,016,101	10,401,525	10,090,720	9,790,422	9,510,488
Liabilities & Equity								
Current Liabilities	482,158	403,678	448,767	358,583	395,438	385,474	363,654	366,494
Long Term Liabilities	4,512,434	4,312,589	4,186,052	3,958,539	4,804,228	4,549,937	4,317,519	4,082,314
Total Liabilities	4,994,592	4,716,267	4,634,819	4,317,122	5,199,666	4,935,411	4,681,174	4,448,808
Net Assets	2,835,803	2,824,020	2,717,163	2,698,979	5,201,859	5,155,310	5,109,248	5,061,680
Cash Flow								
Revenues	1,661,630	1,832,213	2,002,125	1,978,622	2,259,526	2,259,526	2,259,526	2,259,526
Operating Expenses	1,496,790	1,435,535	1,891,394	1,770,821	1,844,665	1,878,710	1,884,419	1,891,036
Other Income	837	157	98	98	98	98	98	98
Cash Flow Before Debt Service	165,677	396,835	110,829	207,899	414,959	380,915	375,205	368,588
Debt Service								
Existing Debt Service	262,933	307,809	295,950	329,753	313,941	287,878	271,663	244,681
Proposed KIA Loan	0	0	0	0	31,797	63,593	63,593	63,593
Total Debt Service	262,933	307,809	295,950	329,753	345,738	351,471	335,256	308,274
Cash Flow After Debt Service	(97,256)	89,026	(185,121)	(121,854)	69,221	29,444	39,950	60,315
Ratios								
Current Ratio	0.8	1.2	1.1	1.1	1.2	1.3	1.5	1.6
Debt to Equity	1.8	1.7	1.7	1.6	1.0	1.0	0.9	0.9
Days Sales in Accounts Receivable	24.6	27.4	24.3	24.3	24.3	24.3	24.3	24.3
Months Operating Expenses in Unrestricted Cash	(0.1)	0.4	0.5	(0.3)	0.1	0.3	0.6	1.0
Debt Coverage Ratio	0.6	1.3	0.4	0.6	1.2	1.1	1.1	1.2

ATTACHMENT C

Forms

Cumberland County Water District
B25-014

Fund B/C LOAN CONDITIONS CHECKLIST

Congratulations on receiving a conditional commitment of funding from KIA's Fund B/C Loan Program. Borrowers will now be assigned a Compliance Analyst to help guide them through the rest of the loan process based on which Area Development District (ADD) they are located. Please submit all documents to one of the following contacts:

- Julie Bickers (Julie.Bickers@ky.gov, 502-892-3455): Purchase, Pennyrite, Green River, Barren River, Lake Cumberland, Cumberland Valley, Big Sandy, Kentucky River
- Debbie Landrum (Debbie.Landrum@ky.gov, 502-892-3454): Lincoln Trail, KIPDA, Northern KY, Bluegrass, Buffalo Trace, Gateway, FIVCO
- Robert Aldridge (RobertV.Aldridge@ky.gov, 502-892-3170): Buffalo Trace, Gateway, FIVCO, Big Sandy, KY River, Cumberland Valley

After all of the conditions of the Conditional Commitment Letter have been fulfilled, KIA will initiate the Assistance Agreement with the borrower. The Assistance Agreement must be fully executed before any funds may be disbursed. The following is a list of items needed to process your loan (forms can be found here <https://kia.ky.gov/FinancialAssistance/Pages/Forms.aspx>):

Before bid opening, submit the following items to the designated agency.

Submit To:		
KIA	<input type="checkbox"/>	Conditional Commitment Letter (this letter is sent to the borrower via email shortly following KIA board approval and is to be signed by the authorizing official)
USBANK	<input type="checkbox"/>	Authorization for Electronic Deposit/Debit of Borrower Disbursements/ Payment (these forms are attached to the loan commitment letter sent after KIA board approval and are to be signed by the authorizing official and forwarded to US Bank)
KIA	<input type="checkbox"/>	Eclearinghouse Endorsement (if not already submitted with loan application)
DOW	<input type="checkbox"/>	Plans and specifications (Kentucky Division of Water will review and KIA will need copy of approval letter)
KIA	<input type="checkbox"/>	Proof of compliance with any special condition identified in the Conditional Commitment Letter (e.g. adopted ordinance).

After the project has opened bids, please submit the following items to the designated agency assigned below. It is imperative that the remaining standard conditions are fulfilled by the deadlines set forth in the Conditional Commitment Letter.

Submit To:		
KIA	<input type="checkbox"/>	Bid Advertisement
KIA	<input type="checkbox"/>	Bid Tabulation and Engineer's Recommendation
KIA	<input type="checkbox"/>	As-Bid Budget
KIA	<input type="checkbox"/>	Procurement Certification (KIA sends to borrower after bid opening for signature.)
KIA	<input type="checkbox"/>	Certification of obtainable revenue projections (KIA sends to borrower after bid opening for signature.)
KIA	<input type="checkbox"/>	Certification of clear site (KIA sends to borrower after bid opening for signature.)
KIA	<input type="checkbox"/>	Plans and specifications approval from the Kentucky Division of Water
KIA	<input type="checkbox"/>	Public Service Commission (PSC) approval , (CPCN and Authorization to Incur Debt) if applicable.

KIA Loan # B25-014

ACH DEBIT AUTHORIZATION FORM

**AUTHORIZATION AGREEMENT FOR PRE-ARRANGED PAYMENTS
(DEBITS)**

The undersigned hereby authorizes U.S. Bank National Association Corporate Trust Department ("U.S. Bank") to initiate debit entries to the Checking Savings (specify type) account indicated below at the bank named below:

BANK NAME _____ BRANCH _____
CITY _____ STATE _____ ZIP CODE _____
BANK TRANSIT/ABA NO. _____ ACCOUNT NO. _____

This authority is to remain in full force and effect until U.S. Bank has received written notification from the undersigned of its termination in such time and in such manner as to afford U.S. Bank a reasonable opportunity to act. The undersigned has the right to stop payment of a debit entry by reasonable prior written notification to U.S. Bank. After the above account has been charged, the undersigned has the right to have the amount of any erroneous debit immediately credited to its account by U.S. Bank up to 30 days following issuance of a statement.

NAME OF ENTITY: _____

ADDRESS _____

TAX IDENTIFICATION NUMBER: _____

By _____ Dated _____

Authorized Signer

Send to: U.S. Bank via Email

KentuckyInfrastructureAuth@usbank.com

**AUTHORIZATION FOR ELECTRONIC DEPOSIT
OF BORROWER PAYMENT
KENTUCKY INFRASTRUCTURE AUTHORITY
KIA Loan # B25-014**

Borrower Information:

Name: _____

Address: _____

City: _____ State: KY Zip: _____

Federal I.D. #: _____ Telephone: _____

Contact Name: _____

Email: _____

Financial Institution Information:

Bank Name: _____

Branch: _____ Telephone: _____

City: _____ State: KY Zip: _____

Transit / ABA No: _____

Account Name: _____

Account Number: _____

I, the undersigned, authorize payments directly to the account indicated above and to correct any errors which may occur from the transactions. I also authorize the Financial Institution to post these transactions to that account.

Signature: _____ Date: _____

Name Printed: _____ Job Title: _____

Send to: U.S. Bank via Email

KentuckyInfrastructureAuth@usbank.com

SRF Disbursement Payments EZ VENDOR REGISTRATION

APPLICATION

A Vendor Number must be obtained on-line through the Kentucky Cabinet for Finance and Administration. This Vendor Number is required for Borrower to receive payments from the Authority.

[Link to the Vendor Self Service Site](#)

The Borrower's Vendor Number is _____

Project Administrator: _____

Loan Number: _____

SAMPLE LETTER

[Letterhead of Counsel for Water Utility]

[Date]

Kentucky Infrastructure Authority
100 Airport Road
Frankfort, Kentucky 40601

RE: Loan#
 City of xxxxx

Ladies and Gentlemen:

The undersigned is an attorney at law duly admitted to the practice of law in the Commonwealth of Kentucky and is legal counsel to the XXXXXXXXXXXXX, hereinafter referred to as the "Water Utility ". I am familiar with the organization and existence of the Water Utility and the laws of the Commonwealth applicable thereto. Additionally I am familiar with the water project (the "Project") with respect to which the funding commitment by and between the Kentucky Infrastructure Authority ("Authority") and the Water Utility.

I have reviewed the commitment letter by and between the Authority and the Water Utility and the documentation regarding procurement with respect to the Project.

Based upon my review I am of the opinion that:

The Water Utility has prepared construction specifications in accordance with all procurement procedures including those for construction, land, equipment and professional services that are a part of the project are in compliance with all applicable state and local procurement laws.

Respectfully,

COMPLETE AFTER BID OPENING

**STATEMENT OF APPROVAL
OF PROJECTIONS OF REVENUE AND EXPENSES**

Borrower Name: _____

Loan No.: _____

I hereby certify that the revenue projections in the attached descriptions are still obtainable and that projections of operating expenses have not materially changed based on the "as-bid" budget submitted for the Project.

Signed: _____

Borrower

Date

SITE CERTIFICATE

I certify that the loan recipient, the _____, of _____
County, KY, has acquired all real property including easements and rights-of-way that are or will
be required for the construction, (erection, extension, modification, addition) operation and
maintenance of the _____ project.

Date this ____ day of _____, 20__.

_____, _____

Borrower

Title

EXHIBIT D

Proposed KIA Repayment Schedule

KENTUCKY INFRASTRUCTURE AUTHORITY
 REPAYMENT SCHEDULE
 FUND B LOAN (B25-014)
 CUMBERLAND COUNTY WATER DISTRICT

Loan Amount	\$1,110,000
Interest Rate	1.00%
Term	20
Payment	\$30,686.53

Payment Date	Principal Due	Interest Due	Interest Rate	Principal & Interest	Servicing Fee	Total Payment	Principal Balance	R&M Reserve	Total Reserve
							\$1,110,000.00		
12/01/26	\$25,136.53	\$5,550.00	1.00%	\$30,686.53	\$1,110.00	\$31,796.53	\$1,084,863.47	\$2,775.00	\$2,775.00
06/01/27	\$25,262.21	\$5,424.32	1.00%	\$30,686.53	\$1,084.86	\$31,771.39	\$1,059,601.27	\$0.00	\$2,775.00
12/01/27	\$25,388.52	\$5,298.01	1.00%	\$30,686.53	\$1,059.60	\$31,746.13	\$1,034,212.75	\$2,775.00	\$5,550.00
06/01/28	\$25,515.46	\$5,171.06	1.00%	\$30,686.53	\$1,034.21	\$31,720.74	\$1,008,697.28	\$0.00	\$5,550.00
12/01/28	\$25,643.04	\$5,043.49	1.00%	\$30,686.53	\$1,008.70	\$31,695.22	\$983,054.25	\$2,775.00	\$8,325.00
06/01/29	\$25,771.25	\$4,915.27	1.00%	\$30,686.53	\$983.05	\$31,669.58	\$957,282.99	\$0.00	\$8,325.00
12/01/29	\$25,900.11	\$4,786.41	1.00%	\$30,686.53	\$957.28	\$31,643.81	\$931,382.88	\$2,775.00	\$11,100.00
06/01/30	\$26,029.61	\$4,656.91	1.00%	\$30,686.53	\$931.38	\$31,617.91	\$905,353.27	\$0.00	\$11,100.00
12/01/30	\$26,159.76	\$4,526.77	1.00%	\$30,686.53	\$905.35	\$31,591.88	\$879,193.51	\$2,775.00	\$13,875.00
06/01/31	\$26,290.56	\$4,395.97	1.00%	\$30,686.53	\$879.19	\$31,565.72	\$852,902.95	\$0.00	\$13,875.00
12/01/31	\$26,422.01	\$4,264.51	1.00%	\$30,686.53	\$852.90	\$31,539.43	\$826,480.94	\$2,775.00	\$16,650.00
06/01/32	\$26,554.12	\$4,132.40	1.00%	\$30,686.53	\$826.48	\$31,513.01	\$799,926.82	\$0.00	\$16,650.00
12/01/32	\$26,686.89	\$3,999.63	1.00%	\$30,686.53	\$799.93	\$31,486.45	\$773,239.93	\$2,775.00	\$19,425.00
06/01/33	\$26,820.33	\$3,866.20	1.00%	\$30,686.53	\$773.24	\$31,459.77	\$746,419.60	\$0.00	\$19,425.00
12/01/33	\$26,954.43	\$3,732.10	1.00%	\$30,686.53	\$746.42	\$31,432.95	\$719,465.17	\$2,775.00	\$22,200.00
06/01/34	\$27,089.20	\$3,597.33	1.00%	\$30,686.53	\$719.47	\$31,405.99	\$692,375.97	\$0.00	\$22,200.00
12/01/34	\$27,224.65	\$3,461.88	1.00%	\$30,686.53	\$692.38	\$31,378.90	\$665,151.33	\$2,775.00	\$24,975.00
06/01/35	\$27,360.77	\$3,325.76	1.00%	\$30,686.53	\$665.15	\$31,351.68	\$637,790.56	\$0.00	\$24,975.00
12/01/35	\$27,497.57	\$3,188.95	1.00%	\$30,686.53	\$637.79	\$31,324.32	\$610,292.99	\$2,775.00	\$27,750.00
06/01/36	\$27,635.06	\$3,051.46	1.00%	\$30,686.53	\$610.29	\$31,296.82	\$582,657.93	\$0.00	\$27,750.00
12/01/36	\$27,773.24	\$2,913.29	1.00%	\$30,686.53	\$582.66	\$31,269.18	\$554,884.69	\$2,775.00	\$30,525.00
06/01/37	\$27,912.10	\$2,774.42	1.00%	\$30,686.53	\$554.88	\$31,241.41	\$526,972.59	\$0.00	\$30,525.00
12/01/37	\$28,051.66	\$2,634.86	1.00%	\$30,686.53	\$526.97	\$31,213.50	\$498,920.92	\$2,775.00	\$33,300.00
06/01/38	\$28,191.92	\$2,494.60	1.00%	\$30,686.53	\$498.92	\$31,185.45	\$470,729.00	\$0.00	\$33,300.00
12/01/38	\$28,332.88	\$2,353.65	1.00%	\$30,686.53	\$470.73	\$31,157.25	\$442,396.12	\$2,775.00	\$36,075.00
06/01/39	\$28,474.55	\$2,211.98	1.00%	\$30,686.53	\$442.40	\$31,128.92	\$413,921.58	\$0.00	\$36,075.00
12/01/39	\$28,616.92	\$2,069.61	1.00%	\$30,686.53	\$413.92	\$31,100.45	\$385,304.66	\$2,775.00	\$38,850.00
06/01/40	\$28,760.00	\$1,926.52	1.00%	\$30,686.53	\$385.30	\$31,071.83	\$356,544.66	\$0.00	\$38,850.00
12/01/40	\$28,903.80	\$1,782.72	1.00%	\$30,686.53	\$356.54	\$31,043.07	\$327,640.86	\$2,775.00	\$41,625.00
06/01/41	\$29,048.32	\$1,638.20	1.00%	\$30,686.53	\$327.64	\$31,014.17	\$298,592.53	\$0.00	\$41,625.00
12/01/41	\$29,193.56	\$1,492.96	1.00%	\$30,686.53	\$298.59	\$30,985.12	\$269,398.97	\$2,775.00	\$44,400.00
06/01/42	\$29,339.53	\$1,346.99	1.00%	\$30,686.53	\$269.40	\$30,955.92	\$240,059.44	\$0.00	\$44,400.00
12/01/42	\$29,486.23	\$1,200.30	1.00%	\$30,686.53	\$240.06	\$30,926.59	\$210,573.21	\$2,775.00	\$47,175.00
06/01/43	\$29,633.66	\$1,052.87	1.00%	\$30,686.53	\$210.57	\$30,897.10	\$180,939.55	\$0.00	\$47,175.00
12/01/43	\$29,781.83	\$904.70	1.00%	\$30,686.53	\$180.94	\$30,867.47	\$151,157.72	\$2,775.00	\$49,950.00
06/01/44	\$29,930.74	\$755.79	1.00%	\$30,686.53	\$151.16	\$30,837.68	\$121,226.99	\$0.00	\$49,950.00
12/01/44	\$30,080.39	\$606.13	1.00%	\$30,686.53	\$121.23	\$30,807.75	\$91,146.60	\$2,775.00	\$52,725.00
06/01/45	\$30,230.79	\$455.73	1.00%	\$30,686.53	\$91.15	\$30,777.67	\$60,915.80	\$0.00	\$52,725.00
12/01/45	\$30,381.95	\$304.58	1.00%	\$30,686.53	\$60.92	\$30,747.44	\$30,533.86	\$2,775.00	\$55,500.00
06/01/46	\$30,533.86	\$152.67	1.00%	\$30,686.53	\$30.53	\$30,717.06	\$0.00	\$0.00	\$55,500.00
Totals	\$1,110,000.00	\$117,461.03		\$1,227,461.03	\$23,492.21	\$1,250,953.23		\$55,500.00	

EXHIBIT E

Estimated Annual Cost of Operation

CUMBERLAND COUNTY WATER DISTRICT
JOE SCOTT RIDGE
BOOSTER PUMP STATION REPLACEMENT
MARCH 2026

ESTIMATED ANNUAL COST OF OPERATION AFTER PROJECT IS IN SERVICE

Purchased Water	\$ 555,000
Personnel Services	\$ 508,000
Contractual Service	\$ 54,000
Supplies & Materials	\$ 145,000
Repairs & Maintenance	\$ 200,000
Operational	\$ 223,000
Depreciation and Amortization	<u>\$ 258,000</u>
TOTAL	\$ 1,943,000

EXHIBIT F

Financial Statements

Cumberland County Water District
 Statements of Net Position
 December 31, 2024 and 2023

	<u>2024</u>	<u>2023</u>
Assets		
Current Assets		
Cash and cash equivalents	\$ 72,823	\$ 53,509
Receivable, less allowance for doubtful accounts of \$93,000 and \$68,499, respectively	133,229	137,508
Unbilled accounts receivable	63,733	73,924
Inventories	93,139	72,801
Prepaid expenses	13,723	13,279
Bond sinking fund deposits	131,285	143,900
Total Current Assets	<u>507,932</u>	<u>494,921</u>
Noncurrent Assets		
Restricted Assets		
Customer deposits	5,543	7,093
Depreciation reserves	5,191	18,165
Debt and interest funds	80,973	3,519
Total Restricted Assets	<u>91,707</u>	<u>28,777</u>
Capital Assets		
Land and improvements	55,313	55,313
Buildings and improvements	233,837	233,837
Equipment	371,088	371,088
Other water system assets	11,463,010	11,463,010
Transportation	418,318	370,066
Office furniture and equipment	62,445	62,445
Less: accumulated depreciation	(5,851,668)	(5,539,170)
Net Capital Assets	<u>6,752,343</u>	<u>7,016,589</u>
Total Noncurrent Assets	<u>6,844,050</u>	<u>7,045,366</u>
Total Assets	<u>\$ 7,351,982</u>	<u>\$ 7,540,287</u>

Cumberland County Water District
 Statements of Net Position (Continued)
 December 31, 2024 and 2023

	<u>2024</u>	<u>2023</u>
Liabilities		
Current Liabilities		
Current portion of long-term debt	\$ 220,436	\$ 212,728
Accounts payable	95,353	94,187
Accrued interest payable	40,874	41,350
Accrued salaries and taxes payable	95,308	57,683
Customer deposits	37,670	39,080
Total Current Liabilities	<u>489,641</u>	<u>445,028</u>
Noncurrent Liabilities		
Long-term debt, less current portion included in current liabilities	4,081,577	4,205,919
Unamortized bond premium	63,601	65,320
Total Noncurrent Liabilities	<u>4,145,178</u>	<u>4,271,239</u>
Total Liabilities	<u>4,634,819</u>	<u>4,716,267</u>
Net Position		
Net investment in capital assets	2,386,729	2,532,622
Restricted	91,707	28,777
Unrestricted	238,727	262,621
Total Net Position	<u>\$ 2,717,163</u>	<u>\$ 2,824,020</u>

Cumberland County Water District
 Statements of Revenues, Expenses and Changes in Net Position
 For the Years Ended December 31, 2024 and 2023

	<u>2024</u>	<u>2023</u>
Operating Revenues		
Water sales	\$ 1,805,877	\$ 1,607,246
Service charges	114,664	26,879
Other revenues	81,584	198,088
	<u>2,002,125</u>	<u>1,832,213</u>
Total Operating Revenues		
Operating Expenses		
Salaries and wages	334,708	314,266
Employee benefits	79,455	43,735
Purchased water	584,741	483,574
Utilities	70,762	56,085
Materials and supplies	225,205	320,116
Contracted services	210,401	49,395
Vehicle and equipment expenses	63,420	65,141
Insurance	43,621	32,523
Office expenses	93,660	56,672
Directors fees	10,250	8,451
Depreciation	312,498	308,351
Bad debt expense	24,501	-
Other operating expenses	150,670	5,577
	<u>2,203,892</u>	<u>1,743,886</u>
Total Operating Expenses		
Operating Income (Loss)	<u>(201,767)</u>	<u>88,327</u>
Non-operating Revenues (Expenses)		
Interest income	98	157
Grant and other income	184,289	-
Interest expense	(89,477)	(100,267)
Total Non-operating Revenues (Expenses)	<u>94,910</u>	<u>(100,110)</u>
Change in Net Position	(106,857)	(11,783)
Net Position, Beginning of Year	<u>2,824,020</u>	<u>2,835,803</u>
Net Position, End of Year	<u>\$ 2,717,163</u>	<u>\$ 2,824,020</u>

Cumberland County Water District
Statements of Cash Flows
For the Years Ended December 31, 2024 and 2023

	<u>2024</u>	<u>2023</u>
Cash Flows From Operating Activities		
Receipts from customers	\$ 1,990,684	\$ 1,789,326
Payments to employees	(376,538)	(358,328)
Payments to suppliers	<u>(1,472,346)</u>	<u>(1,134,346)</u>
Net Cash Provided by Operating Activities	<u>141,800</u>	<u>296,652</u>
Cash Flows From Capital and Related Financing Activities		
Purchases of property, plant and equipment	(48,252)	-
Proceeds from debt	100,259	-
Principal payments on debt and bond sinking fund payments	(204,278)	(220,425)
Grant and other income	184,289	-
Interest payments on debt	<u>(91,672)</u>	<u>(87,384)</u>
Net Cash Used by Capital and Related Financing Activities	<u>(59,654)</u>	<u>(307,809)</u>
Cash Flows From Investing Activities		
Interest income	<u>98</u>	<u>157</u>
Net Cash Provided by Investing Activities	<u>98</u>	<u>157</u>
Net Increase (Decrease) in Cash and Cash Equivalents	82,244	(11,000)
Cash and Cash Equivalents at Beginning of Year	<u>82,286</u>	<u>93,286</u>
Cash and Cash Equivalents at End of Year	<u>\$ 164,530</u>	<u>\$ 82,286</u>
Reconciliation of cash per Statement of Net Position to cash per Statement of Cash Flows:		
Cash and cash equivalents	\$ 72,823	\$ 53,509
Customer deposits	5,543	7,093
Depreciation reserves	5,191	18,165
Debt and interest funds	<u>80,973</u>	<u>3,519</u>
Cash and cash equivalents per Statement of Cash Flows	<u>\$ 164,530</u>	<u>\$ 82,286</u>

Cumberland County Water District
 Statements of Cash Flows (Continued)
 For the Years Ended December 31, 2024 and 2023

	<u>2024</u>	<u>2023</u>
Reconciliation of Operating Income (Loss) to Net Cash		
Provided by Operating Activities:		
Operating Income (Loss)	\$ (201,767)	\$ 88,327
Adjustments to reconcile operating income (loss) to net cash provided by operating activities		
Depreciation	312,498	308,351
Bad debt expense	24,501	-
(Increase) Decrease in operating assets		
Accounts receivable	(20,222)	(25,547)
Unbilled receivables	10,191	(15,290)
Inventory	(20,338)	20,366
Prepaid expenses	(444)	(1,962)
Increase (Decrease) in operating liabilities		
Accounts payable	1,166	(75,216)
Accrued salaries and taxes payable	37,625	(327)
Customer deposits	(1,410)	(2,050)
	\$ 141,800	\$ 296,652
Net Cash Provided by Operating Activities	<u>\$ 141,800</u>	<u>\$ 296,652</u>

See accompanying notes to financial statements.

EXHIBIT G

Description of Outstanding Indebtedness

Cumberland County Water District
Notes to Financial Statements
December 31, 2024 and 2023

Note 6 – Long-Term Debt

The following is a summary of long-term debt transactions for the year ended December 31, 2024:

	Balance <u>Dec. 31, 2023</u>	<u>Additions</u>	<u>Payments</u>	Balance <u>Dec. 31, 2024</u>	Due Within <u>One Year</u>
Loan payable to Kentucky Rural Water Finance Corporation, principal and interest, at the rate of 4% to 4.5%, payable on a semi-annual basis, with final payment due January 1, 2031	\$ 47,000	\$ -	\$ 5,000	\$ 42,000	\$ 5,000
Loan payable to Kentucky Rural Water Finance Corporation, principal and interest at the rate of 2.375% to 4.25%, payable on a semi-annual basis, with final payment due January 1, 2049	1,365,000	-	105,000	1,260,000	91,250
Loan payable to Kentucky Infrastructure Authority, principal and interest, at the rate of 0.75%, payable on a semi-annual basis with final payment due December 1, 2036	591,937	-	43,517	548,420	43,843
Various bond issues payable to United States Department of Agriculture, principal and interest payable annually in varying amounts, interest rates ranging from 1.875% to 5.0%, with final payment due in 2058, secured by water distribution system	2,408,000	-	52,500	2,355,500	55,000
Loan payable to local bank, principal and interest monthly at 5.5% through September 2026, secured by assets	-	100,259	4,166	96,093	25,343
Loan payable to equipment vendor, principal (0% interest) payable monthly, with final payment due June 2024	6,711	-	6,711	-	-
	<u>\$ 4,418,648</u>	<u>\$ 100,259</u>	<u>\$ 216,894</u>	<u>\$ 4,302,013</u>	<u>\$ 220,436</u>

Cumberland County Water District
Notes to Financial Statements
December 31, 2024 and 2023

Note 6 – Long-Term Debt (Continued)

The following is a summary of long-term debt transactions for the year ended December 31, 2023:

	Balance <u>Dec. 31, 2022</u>	<u>Additions</u>	<u>Payments</u>	Balance <u>Dec. 31, 2023</u>	Due Within <u>One Year</u>
Loan payable to Kentucky Rural Water Finance Corporation, principal and interest, at the rate of 4% to 4.5%, payable on a semi-annual basis, with final payment due January 1, 2031	\$ 52,000	\$ -	\$ 5,000	\$ 47,000	\$ 5,000
Loan payable to Kentucky Rural Water Finance Corporation, principal and interest at the rate of 2.375% to 4.25%, payable on a semi-annual basis, with final payment due January 1, 2049	1,465,000	-	100,000	1,365,000	105,000
Loan payable to Kentucky Infrastructure Authority, principal and interest, at the rate of 0.75%, payable on a semi-annual basis, with final payment due December 1, 2036	635,129	-	43,192	591,937	43,517
Various bond issues payable to United States Department of Agriculture, principal and interest payable annually in varying amounts, interest rates ranging from 1.875% to 5.0%, with final payment due in 2058, secured by water distribution system	2,460,000	-	52,000	2,408,000	52,500
Loan payable to equipment vendor, principal (0% interest) payable monthly, with final payment due June 2024	20,134	-	13,423	6,711	6,711
	<u>\$ 4,632,263</u>	<u>\$ -</u>	<u>\$ 213,615</u>	<u>\$ 4,418,648</u>	<u>\$ 212,728</u>

Cumberland County Water District
Notes to Financial Statements
December 31, 2024 and 2023

Note 6 – Long-Term Debt (Continued)

The aggregate annual principal repayments on long-term debt are summarized as follows:

<u>Year Ending</u> <u>December 31,</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2025	\$ 220,436	\$ 86,088	\$ 306,524
2026	265,255	80,757	346,012
2027	182,405	75,795	258,200
2028	178,840	71,023	249,863
2029	175,175	66,292	241,467
2030-2034	901,326	269,744	1,171,070
2035-2039	722,826	188,224	911,050
2040-2044	586,000	121,910	707,910
2045-2049	494,000	65,947	559,947
2050-2054	364,750	43,804	408,554
2055-2059	190,500	118	190,618
2060-2063	20,500	118	20,618
Total	<u>\$ 4,302,013</u>	<u>\$ 1,069,820</u>	<u>\$ 5,371,833</u>

Note 7 – Retirement Plan

The District participates in a defined contribution retirement plan through Kentucky Public Employees & Deferred Compensation Authority. Prior to 2015, the District contributed 1% during the first year of employment, adding 1% each year up to a maximum of 5%. Starting in 2015, the District no longer contributes to the employees' plan. Retirement plan expense for 2024, 2023, 2022 and 2021 was \$0 each year.

Note 8 – Risk Management

The District is exposed to various risks of loss related to limited torts; theft of, damage to and destruction of assets; errors and omissions and natural disasters for which the District carries commercial insurance. There have been no significant reductions in coverage for the year and settlements have not exceeded coverage in the past three years.

Note 9 - Subsequent Events

Management of the District has evaluated subsequent events through June 9, 2025, the date on which the financial statements were available to be issued.

EXHIBIT H

Notification to State Local Debt Officer

RUBIN & HAYS

— ATTORNEYS AT LAW —

KENTUCKY HOME TRUST BUILDING
450 South Third Street,
Louisville, Kentucky 40202
(502) 569-7525

April 8, 2026

Honorable Matt Sawyers
Commissioner and State Local Debt Officer
100 Airport Road, Third Floor
Frankfort, Kentucky 40601

Re: Cumberland County Water District Notice of Intent to Issue Securities

Dear Commissioner Sawyers:

Pursuant to the regulations of the Kentucky Public Service Commission, specifically 807 KAR 5:001: Section 18(1)(g), please be advised that the Cumberland County Water District (the "District") hereby notifies the State Local Debt Officer that the District intends on issuing securities in the form of a loan from the Kentucky Infrastructure Authority for the purpose of financing certain improvements to the water system of the District.

We will file the appropriate documents with your office in accordance with the requirements of KRS 65.117, once the securities are issued.

Very truly yours,

Rubin & Hays

By 
W. Randall Jones

WRJ:jlm
Enclosures

EXHIBIT I

Estimate of Property Acquired by USOA Number

CUMBERLAND COUNTY WATER DISTRICT
JOE SCOTT RIDGE
BOOSTER PUMP STATION REPLACEMENT
MARCH 2026

COST OF ACQUIRED PROPERTY BY USOA ACCOUNT NUMBER

	USOA#	Cost
Structures and Improvements	304	\$ 202,222
Pumping Equipment	311	\$ 401,287
Transmission & Distribution Mains	331	\$ 293,013
Services	333	\$ 21,225
Meters & Meter Installations	334	\$ 20,276
TOTAL		\$ 938,023

EXHIBIT J

Engineer's Certificated Bid Tabs, Letter of
Recommendation and Final Budget



March 10, 2026

Mr. Troy Norris, Chairman
Cumberland County Water District
133 Lower River Street
Burkesville, KY 42717

Re: Joe Scott Ridge Booster Pump Station Replacement
Bid Opening Results and Recommendation for Contract Award

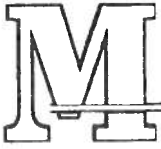
Mr. Norris:

On March 9, 2026, bids were received by the District for construction of the Joe Scott Ridge Booster Pump Station Replacement project. The project includes construction of a new booster pump station along KY Highway 61 near Joe Scott Ridge Road. The new pump station will replace an existing non-operation station. In recent years, there have been many instances where the required wholesale supply from the City of Albany isn't available. The project allows the District to supply the southern portion of their distribution system solely from the City of Burkesville, who has ample capacity. As a result, the project will greatly improve the reliability of the District's system, while helping with capacity issues from the City of Albany.

In addition to the proposed pump station, the project also includes the installation of approximately 1,250 linear feet of 8-inch Ductile Iron and PVC water mains along KY Highway 61 and Joe Scott Ridge Road. Furthermore, the project includes the installation of approximately 3,135 linear feet of 2 and 3-inch PVC water distribution mains along KY Highway 61. These distribution mains are required in order to ensure existing customers at higher elevations are supplied with adequate pressure, which the new mains will supply from a different pressure zone.

Five (5) proposals were received, with the lowest Base Bid being submitted by Stotts Construction Co., Inc. of Columbia, Kentucky, for \$938,023.15. In addition, an Alternate Bid for an alternative scope of work was also received in the amount of \$695,331.00. Work included in the Alternate Bid consists of the supply and installation of triplex pump station in lieu of the duplex pump station which was included in the Base Bid. As stipulated in the bid documents, an award of the Alternate Bid would necessitate the removal of certain items included in the Base Bid. Accordingly, an award of the Alternate Bid would result in a cumulative increase of \$62,357.00 to the Base Bid Contract amount, resulting in a total award of \$1,000,380.15. A summarized tabulation of all bids received is attached for your reference.

Two (2) Final Project Budget scenarios have been prepared and are attached for consideration. These scenarios are as follows:



March 10, 2026

Page Two

- Scenario A includes a contract award of the Base Bid. Allowing a modest contingency, in the amount of \$31,576.85, this action would result in a total project cost equal to the approved KIA Fund B financing in the amount of \$1,110,000;
- Scenario B considers a contract award of the Alternate No. 1 Bid. Allowing the same modest contingency, in the amount of \$31,576.85, this action would result in a total project cost of \$1,172,657.00, with corresponding budget shortfall of \$62,357.00.

Based upon discussions with District management, it is not anticipated that sufficient reserve funds will be available at this time to address the funding shortfall associated with Scenario B. In addition, the pump station design permits only a single pump to operate at any given time. Therefore, the Base Bid (Scenario A) configuration of the pump station would allow for fully redundant operation. While the Alternate No. 1 Bid (Scenario B) includes the provision of two redundant pumps, an enhancement that would be advantageous, such redundancy is not deemed essential to meet operational requirements. Accordingly, it is the expressed preference of District management to proceed with Scenario A so to maintain the overall project cost within the limits of available financing.

Therefore, based on the competitive nature of the bids received, and in effort to make the best use of the project funding available, we recommend that the District proceed with development of the project as outlined in Scenario A and consider awarding a contract to Stotts Construction Co., Inc. in the amount of \$938,023.15.

All recommendations detailed herein are contingent upon approval from both the Kentucky Infrastructure Authority and the Kentucky Public Service Commission.

Should you have any questions or require any additional information, please advise.

Sincerely,

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

Lee Mudd, P.E.
Project Engineer

/jlm

Attachments

Cc: Sandy Williams
Executive Director, Kentucky Infrastructure Authority

BID TABULATIONS
CUMBERLAND COUNTY WATER DISTRICT
JOE SCOTT RIDGE BOOSTER PUMP STATION REPLACEMENT
CUMBERLAND COUNTY, KENTUCKY
BID DATE: MARCH 9, 2026

MONARCH ENGINEERING, INC.
 556 Carlton Drive
 Lawrenceburg, KY 40342
 Phone (502) 839-1310
 Fax (502) 839-1373

ITEM NO.	DESCRIPTION	QUANTITY	Stotts Construction Co, Inc. P O Box 1689 Columbia, KY 42728		Skyline Construction, LLC* 2714 Center Point Rd Tompkinsville, KY 42167		Cumberland Pipeline, LLC 2909 Cane Valley Mill Road Columbia, KY 42728	
			UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
BASE BID CONTRACT								
1	8-Inch D.I. CL350 Water Line	920 LF	\$70.78	\$65,117.60	\$132.00	\$121,440.00	\$113.00	\$103,960.00
2	8-Inch PVC SDR-17 Water Line	150 LF	65.53	9,829.50	70.00	10,500.00	67.00	10,050.00
3	8-Inch I.B.R.J. PVC SDR-17 Water Line	120 LF	65.28	7,833.60	78.00	9,360.00	65.00	7,800.00
4	3-Inch PVC SDR-17 Water Line	1,725 LF	34.28	59,133.00	40.00	69,000.00	32.00	55,200.00
5	2-Inch PVC SDR-17 Water Line	1,435 LF	27.19	39,017.65	32.00	45,920.00	30.00	43,050.00
6	Bore & Case for 8-Inch Water Line	80 LF	297.35	23,788.00	260.00	20,800.00	446.00	35,680.00
7	Bore & Case for 2-Inch Water Line	20 LF	83.33	1,666.60	150.00	3,000.00	174.00	3,480.00
8	Driveway Bore & Case for 8-Inch W.L.	20 LF	97.45	1,949.00	220.00	4,400.00	469.00	9,380.00
9	Driveway Bore & Case for 3-Inch W.L.	100 LF	45.27	4,527.00	125.00	12,500.00	432.00	43,200.00
10	Driveway Bore & Case for 2-Inch W.L.	15 LF	75.18	1,127.70	100.00	1,500.00	155.00	2,325.00
11	Direct Connection	2 EA	3,110.00	6,220.00	2,000.00	4,000.00	1,585.00	3,170.00
12	Type I Connection	1 EA	3,221.00	3,221.00	2,500.00	2,500.00	7,682.00	7,682.00
13	Type II Connection	4 EA	3,122.00	12,488.00	3,000.00	12,000.00	4,730.00	18,920.00
14	8-Inch Gate Valve	3 EA	3,849.00	11,547.00	2,500.00	7,500.00	2,605.00	7,815.00
15	3-Inch Gate Valve	2 EA	1,474.25	2,948.50	1,200.00	2,400.00	1,377.00	2,754.00
16	2-Inch Gate Valve	1 EA	1,909.00	1,909.00	800.00	800.00	1,091.00	1,091.00
17	Blowoff Assembly	1 EA	3,225.00	3,225.00	3,000.00	3,000.00	2,967.00	2,967.00
18	Tandem Meter Setting w/PRV	1 EA	2,966.00	2,966.00	6,500.00	6,500.00	1,936.00	1,936.00
19	Meter Relocation	1 EA	2,281.00	2,281.00	2,500.00	2,500.00	1,594.00	1,594.00
20	Meter Reconnection	7 EA	2,147.00	15,029.00	700.00	4,900.00	685.00	4,795.00
21	1-Inch PE Service Tubing	600 LF	25.60	15,360.00	5.00	3,000.00	7.00	4,200.00
22	3/4-Inch PE Service Tubing	230 LF	25.50	5,865.00	4.00	920.00	7.00	1,610.00
23	Exploration	40 HR	200.00	8,000.00	114.00	4,560.00	165.00	6,600.00
BASE BID CONTRACT Cont'd								

THE ABOVE IS A TRUE AND COMPLETE TABULATION OF BIDS RECEIVED AT 3:00 PM LOCAL TIME, MONDAY, MARCH 9, 2026 AT THE CUMBERLAND COUNTY WATER DISTRICT.
 * DENOTES AN ARITHMETIC ERROR WAS MADE ON ALTERNATE NO. 1 BID, AMOUNT HAS BEEN CORRECTED TO REFLECT UNIT PRICE SUBMITTED.

BY: James Lee Mudd, Jr. Date 3-10-26



BID TABULATIONS
CUMBERLAND COUNTY WATER DISTRICT
JOE SCOTT RIDGE BOOSTER PUMP STATION REPLACEMENT
CUMBERLAND COUNTY, KENTUCKY
BID DATE: MARCH 9, 2026

MONARCH ENGINEERING, INC.
 556 Carlton Drive
 Lawrenceburg, KY 40342
 Phone (502) 839-1310
 Fax (502) 839-1373

ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
BASE BID CONTRACT Cont'd.								
24	Joe Scott Ridge Booster Pump Station							
	A) Site Work	1 LS	\$8,900.00	\$8,900.00	\$10,000.00	\$10,000.00	\$8,750.00	\$8,750.00
	B) Yard Piping, Connections, & Valves	1 LS	29,465.00	29,465.00	38,000.00	38,000.00	13,820.00	13,820.00
	C) Foundation	1 LS	17,000.00	17,000.00	10,000.00	10,000.00	55,915.00	55,915.00
	D) Duplex Factory Built Booster Pump Station	1 LS	501,609.00	501,609.00	495,000.00	495,000.00	575,000.00	575,000.00
	E) Brickwork	1 LS	15,000.00	15,000.00	10,000.00	10,000.00	33,000.00	33,000.00
	F) Electrical	1 LS	50,000.00	50,000.00	20,000.00	20,000.00	66,000.00	66,000.00
	G) Demolition of Ex. Booster Pump Station	1 LS	4,000.00	4,000.00	4,000.00	4,000.00	9,000.00	9,000.00
	H) Final Site Restoration and Cleanup	1 LS	7,000.00	7,000.00	4,000.00	4,000.00	3,500.00	3,500.00
	TOTAL BASE BID			\$938,023.15		\$944,000.00		\$1,144,244.00

ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
ALTERNATE NO. 1 BID								
A24	Joe Scott Ridge Booster Pump Station (Triplex)	HR						
	A) Site Work	1 LS	\$8,900.00	\$8,900.00	\$10,000.00	\$10,000.00	\$10,670.00	\$10,670.00
	B) Yard Piping, Connections, & Valves	1 LS	29,465.00	\$29,465.00	38,000.00	\$38,000.00	13,820.00	13,820.00
	C) Foundation	1 LS	17,000.00	\$17,000.00	10,000.00	\$10,000.00	57,471.00	57,471.00
	D) Triplex Factory Built Booster Pump Station	1 LS	563,966.00	\$563,966.00	550,000.00	\$550,000.00	636,096.00	636,096.00
	E) Brickwork	1 LS	15,000.00	\$15,000.00	5,000.00	\$5,000.00	33,848.00	33,848.00
	F) Electrical	1 LS	50,000.00	\$50,000.00	5,000.00	\$5,000.00	66,000.00	66,000.00
	G) Demolition of Ex. Booster Pump Station	1 LS	4,000.00	\$4,000.00	2,000.00	\$2,000.00	9,000.00	9,000.00
	H) Final Site Restoration and Cleanup	1 LS	7,000.00	\$7,000.00	1,300.00	\$1,300.00	3,500.00	3,500.00
	TOTAL ALTERNATE NO. 1 BID			\$695,331.00		\$621,300.00		\$830,405.00

BID TABULATIONS
CUMBERLAND COUNTY WATER DISTRICT
JOE SCOTT RIDGE BOOSTER PUMP STATION REPLACEMENT
CUMBERLAND COUNTY, KENTUCKY
BID DATE: MARCH 9, 2026

MONARCH ENGINEERING, INC.
 556 Carlton Drive
 Lawrenceburg, KY 40342
 Phone (502) 839-1310
 Fax (502) 839-1373

ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
BASE BID CONTRACT						
1	8-Inch D.I. CL350 Water Line	920 LF	\$225.00	\$207,000.00	\$98.00	\$90,160.00
2	8-Inch PVC SDR-17 Water Line	150 LF	98.00	14,700.00	87.00	13,050.00
3	8-Inch I.B.R.J. PVC SDR-17 Water Line	120 LF	88.00	10,560.00	115.00	13,800.00
4	3-Inch PVC SDR-17 Water Line	1,725 LF	96.00	165,600.00	72.00	124,200.00
5	2-Inch PVC SDR-17 Water Line	1,435 LF	93.00	133,455.00	62.00	88,970.00
6	Bore & Case for 8-Inch Water Line	80 LF	340.00	27,200.00	320.00	25,600.00
7	Bore & Case for 2-Inch Water Line	20 LF	270.00	5,400.00	125.00	2,500.00
8	Driveway Bore & Case for 8-Inch W.L.	20 LF	295.00	5,900.00	380.00	7,600.00
9	Driveway Bore & Case for 3-Inch W.L.	100 LF	285.00	28,500.00	145.00	14,500.00
10	Driveway Bore & Case for 2-Inch W.L.	15 LF	245.00	3,675.00	120.00	1,800.00
11	Direct Connection	2 EA	3,850.00	7,700.00	8,000.00	16,000.00
12	Type I Connection	1 EA	6,500.00	6,500.00	8,000.00	8,000.00
13	Type II Connection	4 EA	6,800.00	27,200.00	8,000.00	32,000.00
14	8-Inch Gate Valve	3 EA	8,200.00	24,600.00	3,000.00	9,000.00
15	3-Inch Gate Valve	2 EA	3,600.00	7,200.00	2,700.00	5,400.00
16	2-Inch Gate Valve	1 EA	2,800.00	2,800.00	2,500.00	2,500.00
17	Blowoff Assembly	1 EA	4,000.00	4,000.00	5,500.00	5,500.00
18	Tandem Meter Setting w/PRV	1 EA	2,900.00	2,900.00	119,000.00	119,000.00
19	Meter Relocation	1 EA	2,400.00	2,400.00	25,000.00	25,000.00
20	Meter Reconnection	7 EA	1,000.00	7,000.00	1,200.00	8,400.00
21	1-Inch PE Service Tubing	600 LF	55.00	33,000.00	75.00	45,000.00
22	3/4-Inch PE Service Tubing	230 LF	50.00	11,500.00	65.00	14,950.00
23	Exploration	40 HR	250.00	10,000.00	60.00	2,400.00
BASE BID CONTRACT Cont'd						

Flo-Line Contracting, LLC
 189 Sunstar Blvd.
 Monticello, KY 42633

Norris Brothers Excavating
 22 Northside Lane
 Crossville, TN 38571

BID TABULATIONS
CUMBERLAND COUNTY WATER DISTRICT
JOE SCOTT RIDGE BOOSTER PUMP STATION REPLACEMENT
CUMBERLAND COUNTY, KENTUCKY
BID DATE: MARCH 9, 2026

MONARCH ENGINEERING, INC.
 556 Carlton Drive
 Lawrenceburg, KY 40342
 Phone (502) 839-1310
 Fax (502) 839-1373

ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
	BASE BID CONTRACT Cont'd.					
24	Joe Scott Ridge Booster Pump Station	1 LS	\$30,000.00	\$30,000.00	\$40,000.00	\$40,000.00
	A) Site Work	1 LS	22,000.00	22,000.00	45,000.00	45,000.00
	B) Yard Piping, Connections, & Valves	1 LS	30,000.00	30,000.00	25,000.00	25,000.00
	C) Foundation	1 LS	500,000.00	500,000.00	650,000.00	650,000.00
	D) Duplex Factory Built Booster Pump Station	1 LS	35,000.00	35,000.00	55,000.00	55,000.00
	E) Brickwork	1 LS	55,000.00	55,000.00	75,000.00	75,000.00
	F) Electrical	1 LS	12,000.00	12,000.00	35,000.00	35,000.00
	G) Demolition of Ex. Booster Pump Station	1 LS	10,000.00	10,000.00	25,000.00	25,000.00
	H) Final Site Restoration and Cleanup	1 LS				
	TOTAL BASE BID			\$1,442,790.00		\$1,625,330.00

Fio-Line Contracting, LLC
189 Sunstar Blvd.
Monticello, KY 42633

Norris Brothers Excavating
22 Northside Lane
Crossville, TN 38571

ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
	ALTERNATE NO. 1					
A24	Joe Scott Ridge Booster Pump Station (Triplex)	1 LS	\$35,000.00	\$35,000.00	\$40,000.00	\$40,000.00
	A) Site Work	1 LS	25,000.00	\$25,000.00	45,000.00	45,000.00
	B) Yard Piping, Connections, & Valves	1 LS	35,000.00	\$35,000.00	25,000.00	25,000.00
	C) Foundation	1 LS	585,000.00	\$585,000.00	750,000.00	750,000.00
	D) Triplex Factory Built Booster Pump Station	1 LS	35,000.00	\$35,000.00	55,000.00	55,000.00
	E) Brickwork	1 LS	60,000.00	\$60,000.00	75,000.00	75,000.00
	F) Electrical	1 LS	12,000.00	\$12,000.00	35,000.00	35,000.00
	G) Demolition of Ex. Booster Pump Station	1 LS	10,000.00	\$10,000.00	25,000.00	25,000.00
	H) Final Site Restoration and Cleanup	1 LS				
	TOTAL ALTERNATE NO. 1 BID			\$797,000.00		\$1,050,000.00

FINAL PROJECT BUDGET
CUMBERLAND COUNTY WATER DISTRICT
JOE SCOTT RIGDGE BOOSTER PUMP STATION REPLACEMENT
CUMBERLAND COUNTY, KENTUCKY
MARCH 2026

SCENERIO A - BASE BID CONTRACT

PROJECT COSTS

DEVELOPMENT	\$938,023.15
CONTINGENCY	31,576.85
LEGAL & ADMINISTRATION	10,000.00
ENGINEERING DESIGN	79,200.00
CONSTRUCTION INSPECTION	<u>51,200.00</u>
TOTAL PROJECT COSTS	\$1,110,000.00

PROJECT FUNDING

KENTUCKY INFRASTRUCTURE AUTHORITY FUND B LOAN (B25-014)	<u>\$1,110,000.00</u>
TOTAL PROJECT FUNDING	\$1,110,000.00

FINAL PROJECT BUDGET
CUMBERLAND COUNTY WATER DISTRICT
JOE SCOTT RIGDGE BOOSTER PUMP STATION REPLACEMENT
CUMBERLAND COUNTY, KENTUCKY
MARCH 2026

SCENERIO B - ALTERNATE NO. 1 BID CONTRACT

PROJECT COSTS

DEVELOPMENT	\$1,000,380.15
CONTINGENCY	31,576.85
LEGAL & ADMINISTRATION	10,000.00
ENGINEERING DESIGN	79,200.00
CONSTRUCTION INSPECTION	<u>51,200.00</u>
TOTAL PROJECT COSTS	\$1,172,357.00

PROJECT FUNDING

KENTUCKY INFRASTRUCTURE AUTHORITY FUND B LOAN (B25-014)	\$1,110,000.00
UNCOMMITTED FUNDS	<u>\$62,357.00</u>
TOTAL PROJECT FUNDING	\$62,357.00