

Simpson County Water District
Simpson County, Kentucky

FINAL ENGINEERING REPORT

**FRITZ-WINTER CAPACITY IMPROVEMENTS,
WATER LINE REPLACEMENTS & EXTENSIONS PROJECT**



Simpson County
Water District

October 18th, 2019



10/18/19

Prepared by
Engineering Staff
Warren County Water District

Contents

| | |
|---|-----------|
| Introduction | 3 |
| Summary and Conclusions | 4 |
| Project Description..... | 5 |
| Results of Bids..... | 8 |
| Project Budget (As-Bid w/ Adjustments) | 8 |
| Household Income Information..... | 10 |
| Financial Considerations and Proposed Water Rates | 10 |
| Schedule of Proposed Monthly Water Rates | 12 |
| Proforma Adjustment | 14 |
| Analysis of Actual Water Usage and Forecast of Income | 15 |
| New Customer Water Usage | 19 |
| Replacement Reserves - Short Lived Assets | 20 |
| Appendix A – Recommendation of Award and Tabulations of Bids | |
| Appendix B – Proposals of Low Bidders | |
| Exhibit A – Fritz-Winter Capacity Improvements | |
| Exhibit B – Water Line Replacements and Extensions | |

Introduction

Simpson County Water District (The District) provides water distribution service to Simpson County, KY outside the service area of The City of Franklin Water Department. As of August 2019, Simpson Water serves approximately 3,470 active customers through nearly 400 miles of water mains.

Simpson County is environmentally diverse with the major surface water resources of the Lick Creek, Sinking Creek, and Drakes Creek. This project consists primarily of the installation of water lines. Best practices will be used for design and construction; there will be no significant environmental impact. The Kentucky Clearinghouse review has been completed and the comments have been incorporated into the final design.

Simpson County has historically experienced approximately 1% population growth annually over the past twenty years. Recent attraction of major industries is predicted to accelerate the rate of population growth.

Fritz Winter North America has recently constructed a new foundry and production facility to make disc brake rotors within The District's service area. At full production, the new facility is projected to consume approximately 10% of the system's daily water demand. The water requirement for the new facility is more than The District can comfortably supply with its current infrastructure. The District will construct improvements to meet the demand of the new industry and to gain capacity for future growth.

The project will increase the capacity and reliability of the water supply to the northern portion of the county to better serve the new industry, the existing

residents, and to allow for future growth. This project includes two (2) water line extensions to serve four (4) households who currently have an inadequate source of potable water. The residents are anxious for the opportunity to connect to the public water system. This project will also replace the twelve (12) sections of water line with the highest, recent leak history.

The District is financially sound and well managed. Energy consumption is relatively low due to the higher hydraulic grade of the White House master meter locations and the relatively flat nature of the Simpson County topography. Recent energy saving projects have further increased the efficiency of the system.

The Water District has applied to and received commitments from Rural Development (RD) for loan funds and the Economic Development Administration (EDA) for grant funds.

This project has been designed and will be built in compliance with the American Iron and Steel (AIS) provision of the Title VII Consolidated Appropriations Act of 2017. The information provided in this report more fully describes the proposed project, the need for the improvements, and supplies appropriate financial summaries.

Summary and Conclusions

Based upon the bids received, the proposed project to serve four (4) new households, replace twelve (12) sections of failing water line, and increase capacity and reliability for the northern portion of the county is economically feasible with a 9.75 percent general rate increase, a \$1,529,500 loan from Rural Development, and a \$665,000 grant from the Economic Development

Administration. The project qualifies for the current RD interest rate on funds of 3.50%.

Project Description

The north portion of The District is served by a 400 gpm pump station (100W pump station). During peak periods, this station runs approximately 22 hours per day to meet system demand. With the addition of the Fritz Winter facility (additional 100 gpm), this station will not be able to meet the full customer demand during peak periods. Additionally, the suction piping feeding the existing station will not allow for a station capacity upgrade without dropping system pressure too low at certain high points on the suction line.

The majority of the Simpson County Water District was constructed during the late 1960's. Some of this aging infrastructure is experiencing frequent leaks which has led to a system wide water loss percentage that is higher than the historical average. The District staff has analyzed the main line leak history for the last several years and determined the sections of line with the highest leak history per mile. This project will replace the twelve (12) worst sections of water line. The scope for the water line replacements will give the greatest impact to system water loss with the available funding.

The District has been able to provide service to most of the residents in Simpson County. Four (4) households have been identified that do not currently have a safe source of potable water. This project will extend two (2) sections of water line to serve these new customers. The line extensions portion of the project is consistent with The District's mission of providing safe water to rural residents.

The proposed Fritz-Winter Capacity Improvements portion of the project includes construction of 2,000 feet of 12" PVC water line, 25,000 feet of 8" PVC waterline, boring interstate highway I-65, a new 200 GPM pump station, and two master meters. The proposed project has been determined to be the most economical and robust solution for serving the Fritz-Winter water demand. This hydraulic route will also increase system redundancy to the northern part of the county which will allow water distribution to continue during leak repairs.

The 2,000 feet of 12" PVC water line will be extended from the end of an existing 12" line in the central part of Simpson County, across interstate I-65, and to an existing 8" line at the intersection of Gold City Road and Chaney Road. This large water main extension will allow the Gold City pump station to run without substantially impacting the operations of the proposed, new pump station.

The 11,000 feet of 8" PVC water line will be constructed along Salmons Blackjack Road from Blackjack Road to Uhls Road. This water main extension will supply the suction side of the new pump station with enough capacity to meet the Fritz-Winter demand and other system needs. Due to a favorable bid result on the Fritz-Winter portion of the project, 10,000 feet of 6" water line along Sportsman Lake Road will be transferred from the Line Replacements portion of the project to the Fritz-Winter portion of the project as an 8" water line. An additional 4,000 feet of 8" water line along Sportsman Lake Road will be added to the Fritz-Winter portion of the project. The added sections of 8" water line will serve as a back-feed to the Fritz-Winter facility as well as accomplishing the goal of replacing the failing sections of water line.

Near the intersection of Salmons Blackjack Road and Uhls Road and on the west side of the West Fork of Drakes Creek a new 200 gpm pump station will be constructed. This pump station will pump primarily to the 500,000-gallon

Salmons tank that serves the Fritz-Winter plant. The pump station will also contain an electric operated control valve which will allow for 80 gpm of energy efficient free flow during off-peak operation.

The new master meter sites will be located at the intersection of Gold City Road and Chaney Road and at the new pump station. The master meters will maintain water source accountability while allowing for transmission through the Blackjack Source.

The water line replacements are designed as 4" lines with possible upgrades to 6" lines at strategic locations for increased transmission capacity or fire protection. The water line replacements and water line extensions will occur along the following roads for the following distances:

| Line I.D. | Road Name | Proposed Size | Length |
|-----------|-----------------------------|---------------|--------|
| 1 | Blackjack Road | 4" PVC | 1,460 |
| 2 | Roark Road (South) | 4" PVC | 1,100 |
| 3 | Springfield Road | 6" PVC | 2,000 |
| 4 | Rutherford Road | 4" PVC | 940 |
| 6 | Blackjack Road (North) | 4" PVC | 6,200 |
| 7 | Roundpond- Rapids Road Area | 4" PVC | 4,160 |
| 8 | Macedonia Road | 4" PVC | 1,680 |
| 9 | Witt Road | 4" PVC | 900 |
| 10 | Hardison Road (North) | 4" PVC | 6,820 |
| A | Albert Elliot Road (3) | 4" PVC | 3,200 |
| B | Stevenson Rd (1) | 4" PVC | 4,200 |
| | Total: | | 32,660 |

Results of Bids

On September 19th, 2019, Simpson County Water District opened bids for the Fritz-Winter portion of the project and The Water Line Replacements and Extensions portion of the project separately. Based on the records of experience and references for the 1st and 2nd low bidders for both projects, it was decided that it was in the District's best interest to recommend award of the Fritz-Winter portion of the project to the low bidder and the Water Line Replacement and Extensions portion of the project to the 2nd low bidder. The low bid for the Fritz-Winter portion of the project was substantially under budget and the second low bid on the Water Line Replacements and Extensions portion of the project was approximately 10% over the budget estimate. The recommendation to award and bid tabulations are attached as Appendix A. The proposals of the selected bidders are attached as Appendix B.

Project Budget

The revised Project Budget, as-bid with adjustments, is presented on the next page. As was previously mentioned, some portions of water line were shifted to the Fritz-Winter portion of the project and some additional water line was added to balance the Budget.

**PROJECT BUDGET
(AS BID w/ ADJUSTMENTS)
FRITZ-WINTER CAPACITY IMPROVEMENTS,
WATER LINE REPLACEMENTS & EXTENSIONS PROJECT
SIMPSON COUNTY WATER DISTRICT**

PROJECT COSTS:

| | | |
|---|----------------|--------------------|
| 1. Construction | | |
| a. Transmission Lines | \$780,416 * | |
| b. Pump Station | 207,000 | |
| c. Meter Stations | 51,000 | |
| d. Distribution Line Replacements/Extensions | <u>874,760</u> | |
| | | \$1,913,176 |
| 2. Engineering | | |
| a. Design & General Engr. During Construction | 124,000 | |
| c. Inspection | <u>67,000</u> | |
| | | 191,000 |
| 3. Administrative Expenses | | 18,000 |
| 4. Easement and Site Acquisition | | 50,000 |
| 5. Legal Costs | | 15,824 |
| 6. Interest During Construction | | 33,300 |
| 7. Contingency (5%) | | <u>96,000</u> |
| TOTAL PROJECT COST | | <u>\$2,317,300</u> |

PROJECT FUNDING:

| | |
|---|--------------------|
| 1. RD Loan | \$1,529,500 |
| 2. EDA Grant | 665,000 |
| 3. District Contribution including Tap Fees | <u>122,800</u> |
| TOTAL FUNDING | <u>\$2,317,300</u> |

* Quantities adjusted to reflect additional water line installation.

Household Income Information

Qualifications for funding from RD are based in part on the median income level of the households affected by the project. An examination of U.S. Census data indicates that the median household income in Simpson County is \$41,323.

Financial Considerations and Proposed Water Rates

The methodology used in developing The District's existing rate schedule was taken from the American Water Works Association, Manual M-1, Water Rates, Section 5, "Rate Design for Small Utilities", published by the AWWA in 2000. Basic philosophy and methodology presented in other sections of that manual were also incorporated into the rate design.

It was determined that with the additional debt service resulting from the proposed project, a rate increase averaging 9.75 percent is required. This increase will also allow an adequate margin for depreciation funds to be accumulated for system maintenance, minor improvements, short-lived assets, and special programs.

As the District's facilities continue to age and more facilities are added, the need for expenditures on maintenance and upkeep is expected to increase. Examples of major upcoming expenditures from available funds include storage tank maintenance and additional line replacements. These are only a couple examples of the many uses of available funds that are required for system upkeep. Therefore, it is very important for The District to implement water rates that result in sufficient revenue.

The schedule of water rates recommended in conjunction with this project is shown on the following two pages. Following the rate schedule is the Proforma Adjustment which shows the estimated revenues (which include the rate increase) and expenses for the first full year of operation after the completion of The Fritz-Winter Capacity Improvements, Line Replacements, and Extensions project. The Analysis of Actual Water Usage and Forecast of Water Usage Income breaks down the revenue forecast by actual customer usage blocks. A table of Short-Lived Assets has been included to elaborate upon The District's ongoing expenses.

PROPOSED RATE SCHEDULE
SIMPSON COUNTY WATER DISTRICT

A. MONTHLY RATES*

1. General Service

5/8 X 3/4-Inch Meter

| | | |
|-------|-----------------|------------------------|
| First | 2,000 Gallons | \$ 17.68 Minimum Bill |
| Next | 8,000 Gallons | 6.37 per 1,000 Gallons |
| Next | 190,000 Gallons | 5.70 per 1,000 Gallons |
| Next | 400,000 Gallons | 5.33 per 1,000 Gallons |
| Over | 600,000 Gallons | 3.93 per 1,000 Gallons |

3/4-Inch Meter

| | | |
|-------|-----------------|------------------------|
| First | 3,000 Gallons | \$24.61 Minimum Bill |
| Next | 7,000 Gallons | 6.37 per 1,000 Gallons |
| Next | 190,000 Gallons | 5.70 per 1,000 Gallons |
| Next | 400,000 Gallons | 5.33 per 1,000 Gallons |
| Over | 600,000 Gallons | 3.93 per 1,000 Gallons |

1--Inch Meter

| | | |
|-------|-----------------|------------------------|
| First | 5,000 Gallons | \$37.89 Minimum Bill |
| Next | 5,000 Gallons | 6.37 per 1,000 Gallons |
| Next | 190,000 Gallons | 5.70 per 1,000 Gallons |
| Next | 400,000 Gallons | 5.33 per 1,000 Gallons |
| Over | 600,000 Gallons | 3.93 per 1,000 Gallons |

1-1/2-Inch Meter

| | | |
|-------|-----------------|------------------------|
| First | 10,000 Gallons | \$76.32 Minimum Bill |
| Next | 190,000 Gallons | 5.70 per 1,000 Gallons |
| Next | 400,000 Gallons | 5.33 per 1,000 Gallons |
| Over | 600,000 Gallons | 3.93 per 1,000 Gallons |

2-Inch Meter

| | | |
|-------|-----------------|------------------------|
| First | 16,000 Gallons | \$112.15 Minimum Bill |
| Next | 184,000 Gallons | 5.70 per 1,000 Gallons |
| Next | 400,000 Gallons | 5.33 per 1,000 Gallons |
| Over | 600,000 Gallons | 3.93 per 1,000 Gallons |

3-Inch Meter

| | | |
|-------|-----------------|------------------------|
| First | 30,000 Gallons | \$221.59 Minimum Bill |
| Next | 170,000 Gallons | 5.70 per 1,000 Gallons |
| Next | 400,000 Gallons | 5.33 per 1,000 Gallons |
| Over | 600,000 Gallons | 3.93 per 1,000 Gallons |

4-Inch Meter

| | | |
|-------|-----------------|------------------------|
| First | 50,000 Gallons | \$342.10 Minimum Bill |
| Next | 150,000 Gallons | 5.70 per 1,000 Gallons |
| Next | 400,000 Gallons | 5.33 per 1,000 Gallons |
| Over | 600,000 Gallons | 3.93 per 1,000 Gallons |

6-Inch Meter

| | | |
|-------|-----------------|------------------------|
| First | 100,000 Gallons | \$642.31 Minimum Bill |
| Next | 100,000 Gallons | 5.70 per 1,000 Gallons |
| Next | 400,000 Gallons | 5.33 per 1,000 Gallons |
| Over | 600,000 Gallons | 3.93 per 1,000 Gallons |

8-Inch Meter

| | | |
|-------|-----------------|-------------------------|
| First | 160,000 Gallons | \$1,006.09 Minimum Bill |
| Next | 40,000 Gallons | 5.70 per 1,000 Gallons |
| Next | 400,000 Gallons | 5.33 per 1,000 Gallons |
| Over | 600,000 Gallons | 3.93 per 1,000 Gallons |

10-Inch Meter

| | | |
|-------|-----------------|-------------------------|
| First | 550,000 Gallons | \$3,114.80 Minimum Bill |
| Next | 50,000 Gallons | 5.33 per 1,000 Gallons |
| Over | 600,000 Gallons | 3.93 per 1,000 Gallons |

* These rates apply to all customer classifications and are subject to 10 percent late payment charge if paid after the due date.

2. Private Fire Service Rates**

| <u>Service Size</u> | <u>Monthly Customer Charge</u> |
|---------------------|--------------------------------|
| 1-inch | \$10.37 |
| 1.5-inch | \$17.46 |
| 2-inch | \$27.03 |
| 3-inch | \$67.86 |
| 4-inch | \$142.96 |
| 6-inch | \$355.58 |
| 8-inch | \$713.09 |
| 10-inch | \$1,253.36 |

**Private Fire Service charges shall apply to all connections which provide service only for private fire protection facilities whether supplied through a fully metered service or an unmetered service with a detector check valve and bypass meter. Customer charges are lump sum charges according to the applicable service size with zero water usage. In case of a fire, charges for water usage shall be in accordance with Simpson County Water District Tariff Section II. F. Fire Protection. Charges for all water usage shall be computed in accordance with prevailing Simpson County Water District rates for general service. Where a detector check valve with a bypass meter is used, the water usage shall be based on the combined volume of water used through both the detector check valve (estimated) and the bypass meter. All rates are subject to a 10 percent late payment charge if paid after due date.

PROFORMA ADJUSTMENT
FRITZ-WINTER CAPACITY IMPROVEMENTS,
LINE REPLACEMENTS, AND EXTENSIONS
SIMPSON COUNTY WATER DISTRICT

| | EXISTING SYSTEM | CHANGES ON EXISTING SYSTEM | CHANGES DUE TO NEW PROJECT 2017 CUSTOMERS | TOTAL FUTURE SYSTEM AFTER PROJECT |
|--|---------------------------|-------------------------------|--|--|
| OPERATING REVENUE: | | | | |
| METERED & OTHER | | | | |
| Meter Sales Revenue | \$2,175,493 | \$212,558 (1) | \$1,190 (3) | \$2,389,241 |
| Forfeited Discounts | 31,787 | 0 | 0 | 31,787 |
| Misc. Service Revenue | 25,345 | 0 | 0 | 25,345 |
| Other Water Revenue | 2,126 | 0 | 0 | 2,126 |
| Income-Interest | 21,797 | 0 | 0 | 21,797 |
| Rental Income/Utility Prop | <u>37,747</u> | <u>0</u> | <u>0</u> | <u>37,747</u> |
| TOTAL OPERATING REVENUE | \$2,294,295 | \$212,558 | \$1,190 | \$2,508,043 |
| OPERATING EXPENSE: | | | | |
| SOURCE OF SUPPLY & PUMP. EXP. | | | | |
| Salaries and Wages | \$210,857 | \$0 | \$0 | \$210,857 |
| Commissioner Fees | 10,800 | 0 | 0 | 10,800 |
| Employee Overhead | 122,063 | 0 | 0 | 122,063 |
| Purchased Water | 1,120,122 | 0 | 361 | 1,120,483 |
| Purchased Power | 27,181 | 0 | 4,530 (4,5) | 31,711 |
| Chemicals | 0 | 0 | 0 | 0 |
| Materials & Supplies | 33,609 | 0 | 793 (5) | 34,402 |
| Cont. Services-Engr | 0 | 0 | 0 | 0 |
| Cont. Services-Accounting | 8,792 | 0 | 0 | 8,792 |
| Cont. Services-Legal | 151 | 0 | 0 | 151 |
| Cont. Services-Other | 102,809 | 0 | 2,425 (5) | 105,234 |
| Rental of Building & Utilities | 10,231 | 0 | 0 | 10,231 |
| Equipment Expense | 29,901 | 0 | 705 (5) | 30,606 |
| Insurance-Gen'l Liability | 13,124 | 0 | 310 (5) | 13,434 |
| Insurance-Other | 804 | 0 | 0 | 804 |
| Regulatory Expense | 4,417 | 0 | 0 | 4,417 |
| Bad Debt Expense | 2,004 | 0 | 0 | 2,004 |
| Misc. Expense | <u>4,313</u> | <u>0</u> | <u>0</u> | <u>4,313</u> |
| TOTAL OPERATING EXPENSE | \$1,701,178 | \$0 | \$9,124 | \$1,710,302 |
| OTHER EXPENSES | | | | |
| Depreciation | \$462,382 | \$0 | \$46,346 (6) | \$508,728 |
| Misc. Non-Operating Income | 0 | 0 | 0 | 0 |
| Misc. Non Operating Expense | 0 | 0 | 0 | 0 |
| Unamortized Debt Expense | 2,589 | 0 | 0 | 2,589 |
| OPED Expense | <u>4,700</u> | <u>0</u> | <u>0</u> | <u>4,700</u> |
| TOTAL OTHER EXPENSES | \$469,671 | \$0 | \$46,346 | \$516,017 |
| PRINCIPAL & INTEREST EXPENSE: | | | | |
| Existing Principal - Other | \$105,000 | (10,000) (2) | 0 | 95,000 |
| Existing Interest - Other | 48,849 | (8,563) (2) | 0 | 40,286 |
| Existing Principal - RDA | 26,000 | 4,000 (2) | 0 | 30,000 |
| Existing Interest - RDA | 35,685 | (4,095) (2) | 0 | 31,590 |
| New Principal - RDA | 0 | 0 | 18,089 (7) | 18,089 |
| New Interest - RDA | <u>0</u> | <u>0</u> | <u>53,533 (7)</u> | <u>53,533</u> |
| TOTAL PRINCIPAL & INTEREST | \$215,534 | (\$18,658) | \$71,622 | \$268,498 |
| TOTAL EXPENSES | <u>\$2,386,383</u> | <u>(\$18,658)</u> | <u>\$127,092</u> | <u>\$2,494,817</u> |
| NET UTILITY OPERATING INCOME | <u>-\$92,088</u> | <u>\$231,216</u> | <u>(\$125,902)</u> | <u>\$13,226</u> |

NOTES:

- (1) PROJECT 2017 RATE INCREASE ON EXISTING CUSTOMERS OF 9.75%
- (2) ADJUSTMENT BASED ON LOAN AMORTIZATION SCHEDULES FOR FIRST FULL YEAR OF OPERATION
- (3) REVENUE FROM NEW CUSTOMERS
- (4) INCREASE IN EXPENSE BASED ON NEW PUMP STATION
- (5) INCREASE IN EXPENSE BASED ON IMPROVEMENTS TO SERVE NEW CUSTOMERS
- (6) DEPRECIATION FOR WATER LINE IMPROVEMENTS (50 YR)
- (7) PRINCIPAL & INTEREST PAYMENT FOR PROJECT 2017

ANALYSIS OF ACTUAL WATER USAGE AND
FORECAST OF WATER USAGE INCOME

(INCLUDES 9.75% RATE INCREASE AS PROPOSED)

5/8" METERS:

| <u>USAGE/MON</u> | <u>AVG</u> | <u>RESIDENTIAL</u> | | | | <u>COMMERCIAL</u> | | | |
|------------------|------------|--------------------|------------------|--------------|---------------|-------------------|--------------|---------------|-----------|
| | | <u>AVG BILL</u> | <u>NO. BILLS</u> | <u>USAGE</u> | <u>INCOME</u> | <u>NO. BILLS</u> | <u>USAGE</u> | <u>INCOME</u> | |
| 0 TO | 2,000 | 849 | 17.68 | 9,257 | 7,859,193 | \$163,664 | 1,536 | 1,304,064 | \$27,156 |
| 2 TO | 3,000 | 2,504 | 20.89 | 6,240 | 15,624,960 | 130,354 | 263 | 658,552 | 5,494 |
| 3 TO | 4,000 | 3,491 | 27.18 | 5,756 | 20,094,196 | 156,448 | 158 | 551,578 | 4,294 |
| 4 TO | 5,000 | 4,470 | 33.41 | 4,633 | 20,709,510 | 154,789 | 116 | 518,520 | 3,876 |
| 5 TO | 6,000 | 5,473 | 39.80 | 3,182 | 17,415,086 | 126,644 | 87 | 476,151 | 3,463 |
| 6 TO | 7,000 | 6,469 | 46.15 | 2,134 | 13,804,846 | 98,484 | 65 | 420,485 | 3,000 |
| 7 TO | 8,000 | 7,457 | 52.44 | 1,342 | 10,007,294 | 70,374 | 63 | 469,791 | 3,304 |
| 8 TO | 9,000 | 8,468 | 58.88 | 953 | 8,070,004 | 56,113 | 30 | 254,040 | 1,766 |
| 9 TO | 10,000 | 9,479 | 65.32 | 559 | 5,298,761 | 36,514 | 43 | 407,597 | 2,809 |
| 10 TO | 11,000 | 10,482 | 71.39 | 479 | 5,020,878 | 34,196 | 44 | 461,208 | 3,141 |
| 11 TO | 12,000 | 11,481 | 77.08 | 421 | 4,833,501 | 32,451 | 34 | 390,354 | 2,621 |
| 12 TO | 14,000 | 12,892 | 85.12 | 382 | 4,924,744 | 32,516 | 32 | 412,544 | 2,724 |
| 14 TO | 16,000 | 14,938 | 96.79 | 334 | 4,989,292 | 32,328 | 23 | 343,574 | 2,226 |
| 16 TO | 18,000 | 16,964 | 108.33 | 189 | 3,206,196 | 20,474 | 28 | 474,992 | 3,033 |
| 18 TO | 20,000 | 18,937 | 119.58 | 141 | 2,670,117 | 16,861 | 17 | 321,929 | 2,033 |
| 20 TO | 25,000 | 22,267 | 138.56 | 175 | 3,896,725 | 24,248 | 28 | 623,476 | 3,880 |
| 25 TO | 30,000 | 27,327 | 167.40 | 91 | 2,486,757 | 15,233 | 18 | 491,886 | 3,013 |
| 30 TO | 40,000 | 34,341 | 207.38 | 90 | 3,090,690 | 18,664 | 11 | 377,751 | 2,281 |
| 40 TO | 50,000 | 43,905 | 261.90 | 28 | 1,229,340 | 7,333 | 20 | 878,100 | 5,238 |
| 50 TO | 75,000 | 59,673 | 351.78 | 35 | 2,088,555 | 12,312 | 28 | 1,670,844 | 9,850 |
| 75 TO | 100,000 | 84,411 | 492.78 | 10 | 844,110 | 4,928 | 7 | 590,877 | 3,449 |
| 100 TO | 150,000 | 117,483 | 681.29 | 12 | 1,409,796 | 8,175 | 8 | 939,864 | 5,450 |
| 150 TO | 200,000 | 167,554 | 966.70 | 3 | 502,662 | 2,900 | 2 | 335,108 | 1,933 |
| 200 TO | 300,000 | 252,519 | 1431.57 | 10 | 2,525,190 | 14,316 | 0 | 0 | 0 |
| 300 TO | 400,000 | 328,980 | 1839.10 | 1 | 328,980 | 1,839 | 0 | 0 | 0 |
| 400 TO | 500,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 500 TO | ABOVE | 0 | 17.68 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTALS | | | | 36,457 | 162,931,383 | \$1,272,158 | 2,661 | 13,373,285 | \$106,034 |
| AVG. RATE | | | | | | \$7.82 | | | |
| AVG. USAGE | | | | | 4,469 | | | 5,026 | |

1" METERS

| <u>USAGE/MON</u> | <u>AVG</u> | <u>RESIDENTIAL</u> | | | | <u>COMMERCIAL</u> | | | |
|------------------|------------|--------------------|------------------|--------------|---------------|-------------------|--------------|---------------|----------|
| | | <u>AVG BILL</u> | <u>NO. BILLS</u> | <u>USAGE</u> | <u>INCOME</u> | <u>NO. BILLS</u> | <u>USAGE</u> | <u>INCOME</u> | |
| 0 TO | 5,000 | 1,570 | 37.89 | 232 | 364,240 | 8,790 | 266 | 417,620 | 10,079 |
| 5 TO | 6,000 | 5,461 | 40.83 | 36 | 196,596 | 1,470 | 15 | 81,915 | 612 |
| 6 TO | 7,000 | 6,445 | 47.09 | 22 | 141,790 | 1,036 | 21 | 135,345 | 989 |
| 7 TO | 8,000 | 7,565 | 54.23 | 14 | 105,910 | 759 | 14 | 105,910 | 759 |
| 8 TO | 9,000 | 8,560 | 60.57 | 24 | 205,440 | 1,454 | 20 | 171,200 | 1,211 |
| 9 TO | 10,000 | 9,513 | 66.64 | 24 | 228,312 | 1,599 | 22 | 209,286 | 1,466 |
| 10 TO | 11,000 | 10,465 | 72.39 | 22 | 230,230 | 1,593 | 11 | 115,115 | 796 |
| 11 TO | 12,000 | 11,585 | 78.77 | 15 | 173,775 | 1,182 | 9 | 104,265 | 709 |
| 12 TO | 14,000 | 12,834 | 85.89 | 19 | 243,846 | 1,632 | 21 | 269,514 | 1,804 |
| 14 TO | 16,000 | 15,056 | 98.56 | 22 | 331,232 | 2,168 | 7 | 105,392 | 690 |
| 16 TO | 18,000 | 17,109 | 110.26 | 1 | 17,109 | 110 | 13 | 222,417 | 1,433 |
| 18 TO | 20,000 | 19,071 | 121.44 | 7 | 133,497 | 850 | 12 | 228,852 | 1,457 |
| 20 TO | 25,000 | 22,520 | 141.10 | 13 | 292,760 | 1,834 | 23 | 517,960 | 3,245 |
| 25 TO | 30,000 | 27,127 | 167.36 | 10 | 271,270 | 1,674 | 31 | 840,937 | 5,188 |
| 30 TO | 40,000 | 34,655 | 210.27 | 14 | 485,170 | 2,944 | 37 | 1,282,235 | 7,780 |
| 40 TO | 50,000 | 44,955 | 268.98 | 2 | 89,910 | 538 | 39 | 1,753,245 | 10,490 |
| 50 TO | 75,000 | 57,247 | 339.05 | 0 | 0 | 0 | 41 | 2,347,127 | 13,901 |
| 75 TO | 100,000 | 91,456 | 534.04 | 0 | 0 | 0 | 10 | 914,560 | 5,340 |
| 100 TO | 150,000 | 126,728 | 735.09 | 1 | 126,728 | 735 | 16 | 2,027,648 | 11,761 |
| 150 TO | 200,000 | 170,254 | 983.19 | 3 | 510,762 | 2,950 | 6 | 1,021,524 | 5,899 |
| 200 TO | 300,000 | 252,763 | 1433.97 | 5 | 1,263,815 | 7,170 | 7 | 1,769,341 | 10,038 |
| 300 TO | 400,000 | 308,418 | 1730.61 | 2 | 616,836 | 3,461 | 2 | 616,836 | 3,461 |
| 400 TO | 500,000 | 407,070 | 0.00 | 1 | 407,070 | 0 | 0 | 0 | 0 |
| 500 TO | ABOVE | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTALS | | | | 489 | 6,436,298 | \$43,949 | 643 | 15,258,244 | \$99,108 |

Final Engineering Report

1 1/2" METERS:

| <u>USAGE/MON</u> | <u>AVG</u> | <u>RESIDENTIAL</u> | | | <u>COMMERCIAL</u> | | | | |
|------------------|------------|--------------------|------------------|--------------|-------------------|------------------|--------------|------------------|-----------------|
| | | <u>AVG BILL</u> | <u>NO. BILLS</u> | <u>USAGE</u> | <u>INCOME</u> | <u>NO. BILLS</u> | <u>USAGE</u> | <u>INCOME</u> | |
| 0 TO | 10,000 | 2,132 | 76.32 | 0 | 0 | 0 | 47 | 100,204 | 3,587 |
| 10 TO | 11,000 | 10,700 | 80.31 | 0 | 0 | 0 | 8 | 85,600 | 642 |
| 11 TO | 12,000 | 11,650 | 85.73 | 0 | 0 | 0 | 4 | 46,600 | 343 |
| 12 TO | 14,000 | 12,700 | 91.71 | 0 | 0 | 0 | 2 | 25,400 | 183 |
| 14 TO | 16,000 | 15,046 | 105.08 | 0 | 0 | 0 | 13 | 195,598 | 1,366 |
| 16 TO | 18,000 | 17,300 | 117.93 | 0 | 0 | 0 | 2 | 34,600 | 236 |
| 18 TO | 20,000 | 19,350 | 129.62 | 0 | 0 | 0 | 4 | 77,400 | 518 |
| 20 TO | 25,000 | 23,829 | 155.15 | 0 | 0 | 0 | 7 | 166,803 | 1,086 |
| 25 TO | 30,000 | 28,024 | 179.06 | 0 | 0 | 0 | 17 | 476,408 | 3,044 |
| 30 TO | 40,000 | 34,350 | 215.12 | 0 | 0 | 0 | 42 | 1,442,700 | 9,035 |
| 40 TO | 50,000 | 45,636 | 279.45 | 0 | 0 | 0 | 14 | 638,904 | 3,912 |
| 50 TO | 75,000 | 59,900 | 360.75 | 0 | 0 | 0 | 9 | 539,100 | 3,247 |
| 75 TO | 100,000 | 85,267 | 505.34 | 0 | 0 | 0 | 6 | 511,602 | 3,032 |
| 100 TO | 150,000 | 117,313 | 688.00 | 0 | 0 | 0 | 8 | 938,504 | 5,504 |
| 150 TO | 200,000 | 0 | 76.32 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200 TO | 300,000 | 256,989 | 1463.07 | 0 | 0 | 0 | 9 | 2,312,901 | 13,168 |
| 300 TO | 400,000 | 347,060 | 1943.15 | 0 | 0 | 0 | 5 | 1,735,300 | 9,716 |
| 400 TO | 500,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 500 TO | ABOVE | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTALS | | | | 0 | 0 | \$0 | 197 | 9,327,624 | \$58,619 |

2" METERS:

| <u>USAGE/MON</u> | <u>AVG</u> | <u>RESIDENTIAL</u> | | | <u>COMMERCIAL</u> | | | | |
|------------------|------------|--------------------|------------------|--------------|-------------------|------------------|--------------|-------------------|------------------|
| | | <u>AVG BILL</u> | <u>NO. BILLS</u> | <u>USAGE</u> | <u>INCOME</u> | <u>NO. BILLS</u> | <u>USAGE</u> | <u>INCOME</u> | |
| 0 TO | 16,000 | 2,082 | 112.15 | 0 | 0 | 0 | 102 | 212,364 | 11,439 |
| 16 TO | 18,000 | 17,120 | 118.53 | 0 | 0 | 0 | 5 | 85,600 | 593 |
| 18 TO | 20,000 | 18,750 | 127.83 | 0 | 0 | 0 | 2 | 37,500 | 256 |
| 20 TO | 25,000 | 23,008 | 152.10 | 0 | 0 | 0 | 13 | 299,104 | 1,977 |
| 25 TO | 30,000 | 27,932 | 180.16 | 0 | 0 | 0 | 25 | 698,300 | 4,504 |
| 30 TO | 40,000 | 34,985 | 220.36 | 0 | 0 | 0 | 46 | 1,609,310 | 10,137 |
| 40 TO | 50,000 | 44,676 | 275.60 | 0 | 0 | 0 | 45 | 2,010,420 | 12,402 |
| 50 TO | 75,000 | 62,258 | 375.82 | 0 | 0 | 0 | 59 | 3,673,222 | 22,173 |
| 75 TO | 100,000 | 87,986 | 522.47 | 0 | 0 | 0 | 37 | 3,255,482 | 19,331 |
| 100 TO | 150,000 | 115,854 | 681.32 | 0 | 0 | 0 | 24 | 2,780,496 | 16,352 |
| 150 TO | 200,000 | 169,920 | 989.49 | 0 | 0 | 0 | 10 | 1,699,200 | 9,895 |
| 200 TO | 300,000 | 236,346 | 1354.67 | 0 | 0 | 0 | 24 | 5,672,304 | 32,512 |
| 300 TO | 400,000 | 368,905 | 2061.21 | 0 | 0 | 0 | 2 | 737,810 | 4,122 |
| 400 TO | 500,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 500 TO | 750,000 | 683,000 | 3619.14 | 0 | 0 | 0 | 1 | 683,000 | 3,619 |
| 750 TO | 1.0 M | 862,800 | 4325.75 | 0 | 0 | 0 | 6 | 5,176,800 | 25,955 |
| 1.0 TO | 1.5 M | 1,217,320 | 5719.02 | 0 | 0 | 0 | 5 | 6,086,600 | 28,595 |
| 1.5 TO | ABOVE | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTALS | | | | 0 | 0 | \$0 | 406 | 34,717,512 | \$203,862 |

3" METERS:

| <u>USAGE/MON</u> | <u>AVG</u> | <u>RESIDENTIAL</u> | | | <u>COMMERCIAL</u> | | | | |
|------------------|------------|--------------------|------------------|--------------|-------------------|------------------|--------------|------------------|-----------------|
| | | <u>AVG BILL</u> | <u>NO. BILLS</u> | <u>USAGE</u> | <u>INCOME</u> | <u>NO. BILLS</u> | <u>USAGE</u> | <u>INCOME</u> | |
| 0 TO | 30,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 TO | 40,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 TO | 50,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 TO | 75,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 TO | 100,000 | 90,000 | 563.59 | 0 | 0 | 0 | 2 | 180,000 | 1,127 |
| 100 TO | 150,000 | 119,100 | 729.46 | 0 | 0 | 0 | 5 | 595,500 | 3,647 |
| 150 TO | 200,000 | 166,900 | 1001.92 | 0 | 0 | 0 | 5 | 834,500 | 5,010 |
| 200 TO | 300,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 300 TO | 400,000 | 394,200 | 2225.68 | 0 | 0 | 0 | 1 | 394,200 | 2,226 |
| 400 TO | 500,000 | 450,344 | 2524.92 | 0 | 0 | 0 | 9 | 4,053,096 | 22,724 |
| 500 TO | 750,000 | 554,950 | 3082.47 | 0 | 0 | 0 | 2 | 1,109,900 | 6,165 |
| 750 TO | 1.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.0 TO | 1.5 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.5 TO | ABOVE | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTALS | | | | 0 | 0 | \$0 | 24 | 7,167,196 | \$40,899 |

Final Engineering Report

4" METERS:

| | | | | RESIDENTIAL | | | COMMERCIAL | | |
|-----------|---------|-----------|-----------|-------------|--------|-----------|------------|------------|-----------|
| USAGE/MON | AVG | AVG | | USAGE | INCOME | NO. BILLS | USAGE | INCOME | |
| | | BILL | NO. BILLS | | | | | | |
| 0 TO | 50,000 | 9,096 | 342.10 | 0 | 0 | 0 | 125 | 1,137,000 | 42,763 |
| 50 TO | 75,000 | 59,009 | 393.45 | 0 | 0 | 0 | 11 | 649,099 | 4,328 |
| 75 TO | 100,000 | 89,071 | 564.80 | 0 | 0 | 0 | 7 | 623,497 | 3,954 |
| 100 TO | 150,000 | 136,225 | 833.58 | 0 | 0 | 0 | 4 | 544,900 | 3,334 |
| 150 TO | 200,000 | 172,100 | 1038.07 | 0 | 0 | 0 | 10 | 1,721,000 | 10,381 |
| 200 TO | 300,000 | 243,649 | 1429.75 | 0 | 0 | 0 | 14 | 3,411,086 | 20,017 |
| 300 TO | 400,000 | 356,980 | 2033.80 | 0 | 0 | 0 | 6 | 2,141,880 | 12,203 |
| 400 TO | 500,000 | 455,562 | 2559.25 | 0 | 0 | 0 | 9 | 4,100,058 | 23,033 |
| 500 TO | 750,000 | 546,649 | 3044.74 | 0 | 0 | 0 | 7 | 3,826,543 | 21,313 |
| 750 TO | 1.0 M | 787,200 | 4064.80 | 0 | 0 | 0 | 2 | 1,574,400 | 8,130 |
| 1.0 TO | 1.5 M | 1,475,000 | 6767.85 | 0 | 0 | 0 | 1 | 1,475,000 | 6,768 |
| 1.5 TO | ABOVE | 2,063,500 | 9080.66 | 0 | 0 | 0 | 2 | 4,127,000 | 18,161 |
| SUBTOTALS | | | | 0 | 0 | \$0 | 198 | 25,331,463 | \$174,385 |

6" METERS:

| | | | | RESIDENTIAL | | | COMMERCIAL | | |
|-----------|---------|-----------|-----------|-------------|--------|-----------|------------|------------|-----------|
| USAGE/MON | AVG | AVG | | USAGE | INCOME | NO. BILLS | USAGE | INCOME | |
| | | BILL | NO. BILLS | | | | | | |
| 0 TO | 100,000 | 11,566 | 642.31 | 0 | 0 | 0 | 88 | 1,017,808 | 56,523 |
| 100 TO | 150,000 | 131,257 | 820.47 | 0 | 0 | 0 | 7 | 918,799 | 5,743 |
| 150 TO | 200,000 | 160,720 | 988.41 | 0 | 0 | 0 | 10 | 1,607,200 | 9,884 |
| 200 TO | 300,000 | 256,780 | 1514.95 | 0 | 0 | 0 | 5 | 1,283,900 | 7,575 |
| 300 TO | 400,000 | 347,882 | 2000.52 | 0 | 0 | 0 | 8 | 2,783,056 | 16,004 |
| 400 TO | 500,000 | 449,850 | 2544.01 | 0 | 0 | 0 | 2 | 899,700 | 5,088 |
| 500 TO | 750,000 | 617,600 | 3413.48 | 0 | 0 | 0 | 2 | 1,235,200 | 6,827 |
| 750 TO | 1.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.0 TO | 1.5 M | 1,194,900 | 5682.27 | 0 | 0 | 0 | 4 | 4,779,600 | 22,729 |
| 1.5 TO | 2.0 M | 1,831,700 | 8184.89 | 0 | 0 | 0 | 2 | 3,663,400 | 16,370 |
| 2.0 TO | 2.5 M | 2,075,600 | 9143.42 | 0 | 0 | 0 | 1 | 2,075,600 | 9,143 |
| 2.5 TO | 3.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3.0 TO | 4.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.0 TO | 5.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5.0 TO | ABOVE | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTALS | | | | 0 | 0 | \$0 | 129 | 20,264,263 | \$155,886 |

8" METERS:

| | | | | RESIDENTIAL | | | COMMERCIAL | | |
|-----------|---------|-----------|-----------|-------------|--------|-----------|------------|------------|-----------|
| USAGE/MON | AVG | AVG | | USAGE | INCOME | NO. BILLS | USAGE | INCOME | |
| | | BILL | NO. BILLS | | | | | | |
| 0 TO | 160,000 | 66,934 | 1006.09 | 0 | 0 | 0 | 47 | 3,145,898 | 47,286 |
| 160 TO | 200,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200 TO | 300,000 | 263,167 | 1570.77 | 0 | 0 | 0 | 3 | 789,501 | 4,712 |
| 300 TO | 400,000 | 350,900 | 2038.39 | 0 | 0 | 0 | 5 | 1,754,500 | 10,192 |
| 400 TO | 500,000 | 452,538 | 2580.12 | 0 | 0 | 0 | 7 | 3,167,766 | 18,061 |
| 500 TO | 750,000 | 677,825 | 3671.94 | 0 | 0 | 0 | 4 | 2,711,300 | 14,688 |
| 750 TO | 1.0 M | 835,800 | 4292.78 | 0 | 0 | 0 | 3 | 2,507,400 | 12,878 |
| 1.0 TO | 1.5 M | 1,381,350 | 6436.80 | 0 | 0 | 0 | 2 | 2,762,700 | 12,874 |
| 1.5 TO | 2.0 M | 1,792,757 | 8053.63 | 0 | 0 | 0 | 5 | 8,963,785 | 40,268 |
| 2.0 TO | 2.5 M | 2,259,860 | 9889.34 | 0 | 0 | 0 | 4 | 9,039,440 | 39,557 |
| 2.5 TO | 3.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3.0 TO | 4.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.0 TO | 5.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5.0 TO | ABOVE | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTALS | | | | 0 | 0 | \$0 | 80 | 34,842,290 | \$200,516 |

4" FIRE SERVICE METERS:

| | | | | RESIDENTIAL | | | COMMERCIAL | | |
|-----------|---------|------|-----------|-------------|--------|-----------|------------|--------|----------|
| USAGE/MON | AVG | AVG | | USAGE | INCOME | NO. BILLS | USAGE | INCOME | |
| | | BILL | NO. BILLS | | | | | | |
| 0 TO | 50,000 | 233 | 142.96 | 0 | 0 | 0 | 89 | 20,737 | 12,723 |
| 50 TO | 75,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 TO | 100,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100 TO | 150,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150 TO | 200,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200 TO | 300,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 300 TO | 400,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 400 TO | 500,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 500 TO | 750,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 750 TO | 1.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.0 TO | 1.5 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.5 TO | ABOVE | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTALS | | | | 0 | 0 | \$0 | 89 | 20,737 | \$12,723 |

Final Engineering Report

6" FIRE SERVICE METERS:

| | | | RESIDENTIAL | | | | COMMERCIAL | | |
|------------------------------------|---------|-----|-------------|-----------|------------------------|-------------|------------|--------------------|-------------|
| USAGE/MON | | AVG | AVG BILL | NO. BILLS | USAGE | INCOME | NO. BILLS | USAGE | INCOME |
| 0 TO | 100,000 | 0 | 355.58 | 0 | 0 | 0 | 56 | 0 | 19,912 |
| 100 TO | 150,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150 TO | 200,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200 TO | 300,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 300 TO | 400,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 400 TO | 500,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 500 TO | 750,000 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 750 TO | 1.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.0 TO | 1.5 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.5 TO | 2.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.0 TO | 2.5 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.5 TO | 3.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3.0 TO | 4.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.0 TO | 5.0 M | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5.0 TO | ABOVE | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTALS | | | | 0 | 0 | \$0 | 56 | 0 | \$19,912 |
| TOTALS | | | | 36,946 | 169,367,681 | 1,316,107 | 4,483 | 160,302,614 | 1,071,944 |
| TOTAL CUSTOMERS | | | | 3,079 | | | 374 | | |
| AVG. CONSUMPTION PER MONTH | | | | | 4,584 | | | 35,758 | |
| ANNUAL WATER SOLD | | | | | 169,367,681 | | | 160,302,614 | |
| ANNUAL WATER PURCH. OR PROD. | | | | | <u>215,550,267</u> | | | <u>204,013,370</u> | |
| ANNUAL REVENUE | | | | | | \$1,316,107 | | | \$1,071,944 |
| TOTAL ANNUAL WATER SOLD | | | | | 329,670,295 | | | | |
| TOTAL ANNUAL WATER PURCH. OR PROD. | | | | | 419,563,637 | | | | |
| TOTAL ANNUAL REVENUE | | | | | <u>\$2,388,051 (1)</u> | | | | |

(1) DOES NOT INCLUDE NEW CUSTOMERS

FORECAST OF WATER USAGE - INCOME - NEW USERS - EXTENSIONS ONLY

5/8 X 3/4 INCH METER

| <u>MONTHLY WATER USAGE</u> | | | <u>Average</u> | <u>Average</u> <u>Bill</u> | No. of Users | <u>Residential/ Farmer</u> Usage | Income |
|----------------------------|---|--------------|----------------|-------------------------------|-----------------|---|----------------|
| 0 | - | 2,000 Gal. | 849 | 17.68 | 1 | 10,188 | \$212 |
| 2,000 | - | 3,000 Gal. | 2,504 | 20.89 | 1 | 30,048 | 251 |
| 3,000 | - | 4,000 Gal. | 3,491 | 27.18 | 1 | 41,892 | 326 |
| 4,000 | - | 5,000 Gal. | 4,470 | 33.41 | 1 | 53,640 | 401 |
| 5,000 | - | 6,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 6,000 | - | 7,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 7,000 | - | 8,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 8,000 | - | 9,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 9,000 | - | 10,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 10,000 | - | 11,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 11,000 | - | 12,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 12,000 | - | 14,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 14,000 | - | 16,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 16,000 | - | 18,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 18,000 | - | 20,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 20,000 | - | 25,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 25,000 | - | 30,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 30,000 | - | 40,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 40,000 | - | 50,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 50,000 | - | 75,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 75,000 | - | 100,000 Gal. | 0 | 0.00 | 0 | 0 | 0 |
| 100,000 | & | ABOVE Gal. | 0 | 0.00 | 0 | 0 | 0 |
| ANNUAL TOTALS | | | | | 4 | 135,768 | <u>\$1,190</u> |

**Replacement Reserves - Short Lived Assets
SIMPSON COUNTY WATER DISTRICT**

| Type | User Description | Cost | Reserve On Hand | Annual Reserve |
|---|----------------------------|-------------|------------------------|-----------------------|
| 1-5 Years | Computer (3) | \$8,650 | \$0 | \$2,163 |
| 1-5 Years | GPS Unit (2) | \$10,000 | \$0 | <u>\$2,500</u> |
| Subtotal 1-5 Years | | | | \$4,663 |
| 5-10 Years | Utility Truck | \$45,000 | \$0 | \$9,000 |
| 5-10 Years | Pumping Equipment | \$80,000 | \$0 | <u>\$11,429</u> |
| Subtotal 5-10 Years | | | | \$11,429 |
| 10-15 Years | SCADA System Nodes (25) | \$750,000 | \$0 | \$50,000 |
| 10-15 Years | Valves (1,000) | \$400,000 | \$0 | \$26,667 |
| 10-15 Years | Hydrants (200) | \$500,000 | \$0 | \$33,333 |
| 10-15 Years | Elevated Tank Painting (7) | \$1,750,000 | \$0 | \$116,667 |
| 10-15 Years | Commercial Meters (53) | \$530,000 | \$0 | \$35,333 |
| 10-15 Years | Radio System | \$150,000 | \$0 | <u>\$10,000</u> |
| Subtotal 5-10 Years | | | | \$272,000 |
| Replacement Reserve - Short Lived Assets | | | | <u>\$288,091</u> |
| Monthly Reserve | | | | \$24,008 |

APPENDIX A



Warren County
Water District

October 8, 2019

MR RAY MANN
CHAIRMAN
SIMPSON COUNTY WATER DISTRICT
PO BOX 10180
BOWLING GREEN KY 42102-4780

RE: Recommendation for Award
Fritz-Winter Capacity Improvements Project
Water Line Replacements and Extensions Project
Simpson County Water District

Dear Mr. Mann:

We have reviewed the bids that were received September 19th, 2019 on the above referenced projects and have performed our due diligence for the two (2) lowest bidders on both projects.

Infinity Pipeline, Inc. (Infinity) was the low bidder on both projects. Upon review of Infinity's references, history, and financial data, it was revealed that the company began operations in February 2019 and currently has a limited record of experience in completing substantial utility pipeline projects. Infinity does currently have employees who have successfully completed similar work with previous employers. Considering that Infinity as a company has not completed a utility pipeline project, we recommend award of only one (1) contract to Infinity, in order to reduce the District's risk. It is in the District's best interest to award the Fritz-Winter Capacity Improvements Project to Infinity Pipeline, Inc.

Review of BOCA Enterprises Inc., references, history, and financial data as the 2nd lowest bidder on the Water Line Replacements and Extensions project yielded a substantial record of successfully completing similar projects to the proposed work.

Therefore, we recommend that the contracts be awarded as follows:

Fritz-Winter Capacity Improvements Project:

Infinity Pipeline, Inc. (Low Bidder): \$751,415.60

Water Line Replacements and Extensions Project:

BOCA Enterprises, Inc. (2nd Low Bidder): \$874,760.00

A tabulation of all bids received is attached. If we can provide you with any additional information, please let me know.

Sincerely,

Ryan J. Leisey, P.E.
Manager of Engineering & Construction

Providing high quality
water and wastewater
services to families and
businesses throughout
Warren County.



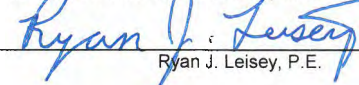
TABULATION OF BIDS
FRITZ-WINTER CAPACITY IMPROVEMENTS
SIMPSON COUNTY WATER DISTRICT
September 19, 2019

| BASE BID SCHEDULE - FRITZ-WINTER CAPACITY IMPROVEMENTS | | | | Infinity Pipeline, Inc. Bowling Green, KY | | Cumberland Pipeline, LLC Russell Springs, KY | | Twin States Utilities Mount Hermon, KY | | BOCA Enterprises, Inc. Hager Hill, KY | |
|---|---|--------|-------|--|---------------------|---|---------------------|---|------------|--|------------|
| ITEM NO. | DESCRIPTION | QTY. | UNITS | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 1 | 8"x8" Tapping Sleeve & Valve on PVC | 2 | EA | \$3,650.00 | \$7,300.00 | \$2,778.00 | \$5,556.00 | \$4,199.00 | \$8,398.00 | \$3,800.00 | \$7,600.00 |
| 2 | 6"x6" Tapping Sleeve & Valve on PVC | 1 | EA | 3,035.00 | 3,035.00 | 2,139.00 | 2,139.00 | 3,652.00 | 3,652.00 | 3,500.00 | 3,500.00 |
| 3 | 6"x6" Tapping Sleeve & Valve on ACP | 1 | EA | 3,350.00 | 3,350.00 | 2,715.00 | 2,715.00 | 3,643.00 | 3,643.00 | 4,000.00 | 4,000.00 |
| 4 | 12" Gate Valve | 2 | EA | 2,805.00 | 5,610.00 | 2,426.00 | 4,852.00 | 3,274.00 | 6,548.00 | 6,300.00 | 12,600.00 |
| 5 | 8" Gate Valve | 3 | EA | 1,515.00 | 4,545.00 | 1,478.00 | 4,434.00 | 1,884.00 | 5,652.00 | 1,750.00 | 5,250.00 |
| 6 | 3" Gate Valve | 2 | EA | 850.00 | 1,700.00 | 917.00 | 1,834.00 | 1,153.00 | 2,306.00 | 950.00 | 1,900.00 |
| 7 | Domestic Ductile Iron Fittings | 3,150 | LB | 5.75 | 18,112.50 | 5.00 | 15,750.00 | 4.30 | 13,545.00 | 7.50 | 23,625.00 |
| 8 | Crushed Stone | 1,750 | TN | 12.75 | 22,312.50 | 25.00 | 43,750.00 | 20.00 | 35,000.00 | 22.00 | 38,500.00 |
| 9 | Concrete | 15 | CY | 230.00 | 3,450.00 | 175.00 | 2,625.00 | 300.00 | 4,500.00 | 250.00 | 3,750.00 |
| 10 | Asphalt | 10 | TN | 305.00 | 3,050.00 | 400.00 | 4,000.00 | 400.00 | 4,000.00 | 150.00 | 1,500.00 |
| 11 | 20" Stl. Casing by Bore w/12" Rest. Jt. DIP Carrier | 343 | LF | 375.00 | 128,625.00 | 443.00 | 151,949.00 | 379.00 | 129,997.00 | 400.00 | 137,200.00 |
| 12 | 12" Stl. Casing by Bore w/8" Rest. Jt. DIP Carrier | 60 | LF | 270.00 | 16,200.00 | 200.00 | 12,000.00 | 260.00 | 15,600.00 | 320.00 | 19,200.00 |
| 13 | 12" Stl. Casing by Bore w/8" PVC Carrier | 76 | LF | 255.00 | 19,380.00 | 180.00 | 13,680.00 | 185.00 | 14,060.00 | 275.00 | 20,900.00 |
| 14 | 8" PVC - Uncased Bore | 125 | LF | 75.00 | 9,375.00 | 41.00 | 5,125.00 | 105.00 | 13,125.00 | 85.00 | 10,625.00 |
| 15 | 10" HDPE Directional Bore Water Line Creek Crossing | 1 | LS | 41,900.00 | 41,900.00 | 72,000.00 | 72,000.00 | 84,000.00 | 84,000.00 | 45,000.00 | 45,000.00 |
| 16 | 12" Class 200 PVC Water Line | 1,972 | LF | 19.75 | 38,947.00 | 26.00 | 51,272.00 | 28.00 | 55,216.00 | 33.50 | 66,062.00 |
| 17 | 8" Class 200 PVC Water Line | 11,063 | LF | 12.70 | 140,500.10 | 20.00 | 221,260.00 | 17.00 | 188,071.00 | 21.00 | 232,323.00 |
| 18 | 6" Class 200 PVC Water Line | 24 | LF | 60.00 | 1,440.00 | 17.00 | 408.00 | 13.50 | 324.00 | 14.00 | 336.00 |
| 19 | 3" Class 200 PVC Water Line | 82 | LF | 45.00 | 3,690.00 | 15.00 | 1,230.00 | 11.00 | 902.00 | 12.00 | 984.00 |
| 20 | Master Meter Lump Sum | 1 | LS | 51,000.00 | 51,000.00 | 49,000.00 | 49,000.00 | 65,000.00 | 65,000.00 | 30,000.00 | 30,000.00 |
| 21 | Pump Station Lump Sum | 1 | LS | 207,000.00 | 207,000.00 | 207,113.00 | 207,113.00 | 272,000.00 | 272,000.00 | 297,500.00 | 297,500.00 |
| 22 | 1" Meter Set - Creek Crossing | 1 | LS | 1,985.00 | 1,985.00 | 1,500.00 | 1,500.00 | 2,000.00 | 2,000.00 | 4,000.00 | 4,000.00 |
| 23 | 5-1/4" Fire Hydrant Assembly | 1 | EA | 4,200.00 | 4,200.00 | 4,610.00 | 4,610.00 | 4,500.00 | 4,500.00 | 4,500.00 | 4,500.00 |
| 24 | Silt Fence | 300 | LF | 1.80 | 540.00 | 3.00 | 900.00 | 2.00 | 600.00 | 1.00 | 300.00 |
| 25 | Rip Rap Check Dam | 30 | TN | 34.25 | 1,027.50 | 25.00 | 750.00 | 25.00 | 750.00 | 35.00 | 1,050.00 |
| 26 | Final Cleanup | 13,141 | LF | 1.00 | 13,141.00 | 1.00 | 13,141.00 | 1.00 | 13,141.00 | 1.00 | 13,141.00 |
| TOTAL FRITZ-WINTER CAPACITY IMPROVEMENTS: | | | | | <u>\$751,415.60</u> | <u>\$893,593.00</u> | <u>\$946,530.00</u> | <u>\$985,346.00</u> | | | |

TABULATION OF BIDS
FRITZ-WINTER CAPACITY IMPROVEMENTS
SIMPSON COUNTY WATER DISTRICT
September 19, 2019

| BASE BID SCHEDULE - FRITZ-WINTER CAPACITY IMPROVEMENTS | | | Charles DeWeese Construction Franklin, KY | | United Pipeline, Inc Tompkinsville, KY | | Cleary Construction, Inc. Tompkinsville, KY | | |
|---|---|--------|--|------------|---|-----------------------|--|-----------------------|-------------|
| ITEM NO. | DESCRIPTION | QTYS. | UNITS | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 1 | 8"x8" Tapping Sleeve & Valve on PVC | 2 | EA | \$3,741.69 | \$7,483.38 | \$2,933.00 | \$5,866.00 | \$5,348.00 | \$10,696.00 |
| 2 | 6"x6" Tapping Sleeve & Valve on PVC | 1 | EA | 3,182.81 | 3,182.81 | 2,304.00 | 2,304.00 | 4,279.00 | 4,279.00 |
| 3 | 6"x6" Tapping Sleeve & Valve on ACP | 1 | EA | 4,156.09 | 4,156.09 | 2,351.00 | 2,351.00 | 4,706.00 | 4,706.00 |
| 4 | 12" Gate Valve | 2 | EA | 3,330.65 | 6,661.30 | 3,078.00 | 6,156.00 | 3,209.00 | 6,418.00 |
| 5 | 8" Gate Valve | 3 | EA | 1,891.01 | 5,673.03 | 1,822.00 | 5,466.00 | 2,674.00 | 8,022.00 |
| 6 | 3" Gate Valve | 2 | EA | 1,050.38 | 2,100.76 | 924.00 | 1,848.00 | 963.00 | 1,926.00 |
| 7 | Domestic Ductile Iron Fittings | 3,150 | LB | 7.43 | 23,404.50 | 13.00 | 40,950.00 | 4.90 | 15,435.00 |
| 8 | Crushed Stone | 1,750 | TN | 20.00 | 35,000.00 | 26.00 | 45,500.00 | 21.40 | 37,450.00 |
| 9 | Concrete | 15 | CY | 300.00 | 4,500.00 | 230.00 | 3,450.00 | 214.00 | 3,210.00 |
| 10 | Asphalt | 10 | TN | 250.00 | 2,500.00 | 230.00 | 2,300.00 | 214.00 | 2,140.00 |
| 11 | 20" Stl. Casing by Bore w/12" Rest. Jt. DIP Carrier | 343 | LF | 569.12 | 195,208.16 | 377.00 | 129,311.00 | 362.00 | 124,166.00 |
| 12 | 12" Stl. Casing by Bore w/8" Rest. Jt. DIP Carrier | 60 | LF | 281.94 | 16,916.40 | 297.00 | 17,820.00 | 286.00 | 17,160.00 |
| 13 | 12" Stl. Casing by Bore w/8" PVC Carrier | 76 | LF | 224.26 | 17,043.76 | 221.00 | 16,796.00 | 225.00 | 17,100.00 |
| 14 | 8" PVC - Uncased Bore | 125 | LF | 168.47 | 21,058.75 | 82.00 | 10,250.00 | 107.00 | 13,375.00 |
| 15 | 10" HDPE Directional Bore Water Line Creek Crossing | 1 | LS | 76,052.72 | 76,052.72 | 58,164.00 | 58,164.00 | 74,867.00 | 74,867.00 |
| 16 | 12" Class 200 PVC Water Line | 1,972 | LF | 34.05 | 67,146.60 | 34.00 | 67,048.00 | 35.60 | 70,203.20 |
| 17 | 8" Class 200 PVC Water Line | 11,063 | LF | 19.49 | 215,617.87 | 26.00 | 287,638.00 | 29.00 | 320,827.00 |
| 18 | 6" Class 200 PVC Water Line | 24 | LF | 23.35 | 560.40 | 23.00 | 552.00 | 27.20 | 652.80 |
| 19 | 3" Class 200 PVC Water Line | 82 | LF | 22.10 | 1,812.20 | 21.00 | 1,722.00 | 20.30 | 1,664.60 |
| 20 | Master Meter Lump Sum | 1 | LS | 70,755.72 | 70,755.72 | 73,352.00 | 73,352.00 | 104,667.00 | 104,667.00 |
| 21 | Pump Station Lump Sum | 1 | LS | 231,473.48 | 231,473.48 | 239,198.00 | 239,198.00 | 310,132.00 | 310,132.00 |
| 22 | 1" Meter Set - Creek Crossing | 1 | LS | 2,369.02 | 2,369.02 | 3,353.00 | 3,353.00 | 2,140.00 | 2,140.00 |
| 23 | 5-1/4" Fire Hydrant Assembly | 1 | EA | 5,895.22 | 5,895.22 | 4,982.00 | 4,982.00 | 4,920.00 | 4,920.00 |
| 24 | Silt Fence | 300 | LF | 3.00 | 900.00 | 5.00 | 1,500.00 | 4.30 | 1,290.00 |
| 25 | Rip Rap Check Dam | 30 | TN | 40.00 | 1,200.00 | 35.00 | 1,050.00 | 53.50 | 1,605.00 |
| 26 | Final Cleanup | 13,141 | LF | 1.00 | 13,141.00 | 1.00 | 13,141.00 | 1.00 | 13,141.00 |
| TOTAL FRITZ-WINTER CAPACITY IMPROVEMENTS: | | | | | <u>\$1,031,813.17</u> | <u>\$1,042,068.00</u> | | <u>\$1,172,192.60</u> | |

I hereby certify that this is a true and accurate tabulation of bids as received September 19, 2019.


 Ryan J. Leisey, P.E.

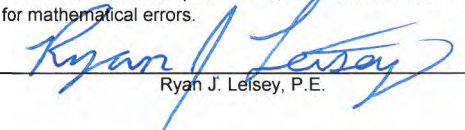
TABULATION OF BIDS
WATER LINE REPLACEMENTS AND EXTENSIONS
SIMPSON COUNTY WATER DISTRICT
September 19, 2019

| BASE BID SCHEDULE - WATER LINE REPLACEMENT & EXTENSIONS | | | | Infinity Pipeline, Inc. Bowling Green, KY | | BOCA Enterprises, Inc. Hager Hill, KY | | Cumberland Pipeline, LLC Russell Springs, KY | |
|---|---|--------|-------|--|---------------------|--|------------|---|---------------------|
| ITEM NO. | DESCRIPTION | QTY. | UNITS | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 1 | 6"x 6" Tapping Sleeve & Valve on PVC | 1 | EA | \$3,115.00 | \$3,115.00 | \$3,500.00 | \$3,500.00 | \$2,100.00 | \$2,100.00 |
| 2 | 6"x 4" Tapping Sleeve & Valve on PVC | 2 | EA | 2,850.00 | 5,700.00 | 3,000.00 | 6,000.00 | 1,912.00 | 3,824.00 |
| 3 | 4"x 4" Tapping Sleeve & Valve on PVC | 1 | EA | 2,850.00 | 2,850.00 | 2,500.00 | 2,500.00 | 1,898.00 | 1,898.00 |
| 4 | 6"x 6" Tapping Sleeve & Valve on ACP | 1 | EA | 3,560.00 | 3,560.00 | 4,000.00 | 4,000.00 | 2,800.00 | 2,800.00 |
| 5 | 4"x 4" Tapping Sleeve & Valve on ACP | 2 | EA | 3,300.00 | 6,600.00 | 2,800.00 | 5,600.00 | 2,088.00 | 4,176.00 |
| 6 | 6" Gate Valve | 3 | EA | 1,250.00 | 3,750.00 | 1,200.00 | 3,600.00 | 1,115.00 | 3,345.00 |
| 7 | 4" Gate Valve | 8 | EA | 1,180.00 | 9,440.00 | 1,000.00 | 8,000.00 | 976.00 | 7,808.00 |
| 8 | 3" Gate Valve | 13 | EA | 895.00 | 11,635.00 | 950.00 | 12,350.00 | 917.00 | 11,921.00 |
| 9 | 6" Blow-off Assembly | 2 | EA | 1,770.00 | 3,540.00 | 2,000.00 | 4,000.00 | 1,535.00 | 3,070.00 |
| 10 | 4" Blow-off Assembly | 4 | EA | 1,550.00 | 6,200.00 | 1,300.00 | 5,200.00 | 1,356.00 | 5,424.00 |
| 11 | 3" Blow-off Assembly | 1 | EA | 1,475.00 | 1,475.00 | 1,200.00 | 1,200.00 | 1,250.00 | 1,250.00 |
| 12 | 4" Side Outlet Blow-off Assembly | 2 | EA | 1,815.00 | 3,630.00 | 1,500.00 | 3,000.00 | 1,580.00 | 3,160.00 |
| 13 | Domestic Ductile Iron Fittings | 5,475 | LB | 5.80 | 31,755.00 | 6.00 | 32,850.00 | 4.00 | 21,900.00 |
| 14 | Crushed Stone | 4,380 | TN | 15.85 | 69,423.00 | 22.00 | 96,360.00 | 25.00 | 109,500.00 |
| 15 | Concrete | 44 | CY | 165.00 | 7,260.00 | 250.00 | 11,000.00 | 150.00 | 6,600.00 |
| 16 | Asphalt | 5 | TN | 235.00 | 1,175.00 | 150.00 | 750.00 | 400.00 | 2,000.00 |
| 17 | 8" Stl. Casing by Bore w/4" Rest. Jt. DIP Carrier | 50 | LF | 235.00 | 11,750.00 | 225.00 | 11,250.00 | 175.00 | 8,750.00 |
| 18 | 10" Stl. Casing by Bore w/6" PVC Carrier | 81 | LF | 235.00 | 19,035.00 | 250.00 | 20,250.00 | 153.00 | 12,393.00 |
| 19 | 8" Stl. Casing by Bore w/4" PVC Carrier | 160 | LF | 235.00 | 37,600.00 | 200.00 | 32,000.00 | 151.00 | 24,160.00 |
| 20 | 6" PVC - Uncased Bore | 435 | LF | 74.60 | 32,451.00 | 75.00 | 32,625.00 | 44.00 | 19,140.00 |
| 21 | 4" PVC - Uncased Bore | 170 | LF | 72.50 | 12,325.00 | 60.00 | 10,200.00 | 42.00 | 7,140.00 |
| 22 | Customer Service Line (3/4" PE) | 90 | LF | 10.30 | 927.00 | 4.00 | 360.00 | 6.00 | 540.00 |
| 23 | 1" PE Service Line By Bore | 40 | LF | 94.80 | 3,792.00 | 8.00 | 320.00 | 11.00 | 440.00 |
| 24 | 1" PE Service Line | 55 | LF | 16.15 | 888.25 | 4.50 | 247.50 | 6.00 | 330.00 |
| 25 | 3/4" PE Service Line | 370 | LF | 12.00 | 4,440.00 | 4.00 | 1,480.00 | 6.00 | 2,220.00 |
| 26 | Relocate 5/8" Meter | 9 | EA | 1,015.00 | 9,135.00 | 750.00 | 6,750.00 | 1,489.00 | 13,401.00 |
| 27 | Relocate 1" Meter | 1 | EA | 1,215.00 | 1,215.00 | 800.00 | 800.00 | 1,600.00 | 1,600.00 |
| 28 | Reconnect 5/8" Meter | 70 | EA | 340.00 | 23,800.00 | 550.00 | 38,500.00 | 611.00 | 42,770.00 |
| 29 | Install New 5/8" Meter | 4 | EA | 895.00 | 3,580.00 | 800.00 | 3,200.00 | 944.00 | 3,776.00 |
| 30 | 6" HDPE Directional Bore Creek Crossing (245 LF) | 1 | LS | 47,800.00 | 47,800.00 | 40,000.00 | 40,000.00 | 64,000.00 | 64,000.00 |
| 31 | 6" Class 200 PVC Water Line | 15,200 | LF | 12.45 | 189,240.00 | 14.00 | 212,800.00 | 16.50 | 250,800.00 |
| 32 | 4" Class 200 PVC Water Line | 17,743 | LF | 14.00 | 248,402.00 | 12.50 | 221,787.50 | 15.00 | 266,145.00 |
| 33 | 3" Class 200 PVC Water Line | 199 | LF | 15.10 | 3,004.90 | 12.00 | 2,388.00 | 11.00 | 2,189.00 |
| 34 | 5-1/4" Fire Hydrant Assembly | 1 | EA | 4,550.00 | 4,550.00 | 4,500.00 | 4,500.00 | 4,378.00 | 4,378.00 |
| 35 | Silt Fence | 500 | LF | 2.10 | 1,050.00 | 1.00 | 500.00 | 3.00 | 1,500.00 |
| 36 | Rip Rap Check Dam | 50 | TN | 35.00 | 1,750.00 | 35.00 | 1,750.00 | 25.00 | 1,250.00 |
| 37 | Final Cleanup | 33,142 | LF | 1.00 | 33,142.00 | 1.00 | 33,142.00 | 1.00 | 33,142.00 |
| TOTAL WATER LINE REPLACEMENTS & EXTENSIONS: | | | | | <u>\$860,985.15</u> | | | <u>\$874,760.00</u> | <u>\$950,840.00</u> |

TABULATION OF BIDS
WATER LINE REPLACEMENTS AND EXTENSIONS
 SIMPSON COUNTY WATER DISTRICT
 September 19, 2019

| BASE BID SCHEDULE - WATER LINE REPLACEMENT & EXTENSIONS | | | | Cleary Construction, Inc. Tompkinsville, KY | | Charles DeWeese Construction Franklin, KY | | United Pipeline, Inc. Tompkinsville, KY | |
|---|---|--------|-------|--|---------------------|--|-----------------------|--|-----------------------|
| ITEM NO. | DESCRIPTION | QTY. | UNITS | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 1 | 6"x 6" Tapping Sleeve & Valve on PVC | 1 | EA | \$4,269.00 | \$4,269.00 | \$2,922.84 | \$2,922.84 | \$2,273.00 | \$2,273.00 |
| 2 | 6"x 4" Tapping Sleeve & Valve on PVC | 2 | EA | 3,735.50 | 7,471.00 | 2,585.14 | 5,170.28 | 1,951.00 | 3,902.00 |
| 3 | 4"x 4" Tapping Sleeve & Valve on PVC | 1 | EA | 3,202.00 | 3,202.00 | 2,624.74 | 2,624.74 | 1,951.00 | 1,951.00 |
| 4 | 6"x 6" Tapping Sleeve & Valve on ACP | 1 | EA | 4,696.00 | 4,696.00 | 3,901.84 | 3,901.84 | 2,351.00 | 2,351.00 |
| 5 | 4"x 4" Tapping Sleeve & Valve on ACP | 2 | EA | 3,949.00 | 7,898.00 | 3,406.84 | 6,813.68 | 2,098.00 | 4,196.00 |
| 6 | 6" Gate Valve | 3 | EA | 1,281.00 | 3,843.00 | 1,349.77 | 4,049.31 | 1,428.00 | 4,284.00 |
| 7 | 4" Gate Valve | 8 | EA | 1,067.50 | 8,540.00 | 1,111.91 | 8,895.28 | 1,407.00 | 11,256.00 |
| 8 | 3" Gate Valve | 13 | EA | 961.00 | 12,493.00 | 937.91 | 12,192.83 | 930.00 | 12,090.00 |
| 9 | 6" Blow-off Assembly | 2 | EA | 2,134.50 | 4,269.00 | 2,296.75 | 4,593.50 | 1,958.00 | 3,916.00 |
| 10 | 4" Blow-off Assembly | 4 | EA | 1,921.50 | 7,686.00 | 1,674.02 | 6,696.08 | 1,746.00 | 6,984.00 |
| 11 | 3" Blow-off Assembly | 1 | EA | 1,814.50 | 1,814.50 | 1,561.30 | 1,561.30 | 1,555.00 | 1,555.00 |
| 12 | 4" Side Outlet Blow-off Assembly | 2 | EA | 2,348.00 | 4,696.00 | 2,168.93 | 4,337.86 | 2,001.00 | 4,002.00 |
| 13 | Domestic Ductile Iron Fittings | 5,475 | LB | 4.30 | 23,542.50 | 6.66 | 36,463.50 | 13.00 | 71,175.00 |
| 14 | Crushed Stone | 4,380 | TN | 21.40 | 93,732.00 | 20.00 | 87,600.00 | 26.00 | 113,880.00 |
| 15 | Concrete | 44 | CY | 213.50 | 9,394.00 | 300.00 | 13,200.00 | 230.00 | 10,120.00 |
| 16 | Asphalt | 5 | TN | 213.50 | 1,067.50 | 295.00 | 1,475.00 | 230.00 | 1,150.00 |
| 17 | 8" Stl. Casing by Bore w/4" Rest. Jt. DIP Carrier | 50 | LF | 181.50 | 9,075.00 | 221.22 | 11,061.00 | 252.00 | 12,600.00 |
| 18 | 10" Stl. Casing by Bore w/6" PVC Carrier | 81 | LF | 192.20 | 15,568.20 | 206.46 | 16,723.26 | 216.00 | 17,496.00 |
| 19 | 8" Stl. Casing by Bore w/4" PVC Carrier | 160 | LF | 176.10 | 28,176.00 | 200.32 | 32,051.20 | 202.00 | 32,320.00 |
| 20 | 6" PVC - Uncased Bore | 435 | LF | 85.40 | 37,149.00 | 154.05 | 67,011.75 | 80.00 | 34,800.00 |
| 21 | 4" PVC - Uncased Bore | 170 | LF | 80.10 | 13,617.00 | 152.21 | 25,875.70 | 78.00 | 13,260.00 |
| 22 | Customer Service Line (3/4" PE) | 90 | LF | 15.00 | 1,350.00 | 12.66 | 1,139.40 | 11.00 | 990.00 |
| 23 | 1" PE Service Line By Bore | 40 | LF | 32.10 | 1,284.00 | 148.04 | 5,921.60 | 36.00 | 1,440.00 |
| 24 | 1" PE Service Line | 55 | LF | 10.70 | 588.50 | 12.84 | 706.20 | 13.00 | 715.00 |
| 25 | 3/4" PE Service Line | 370 | LF | 10.20 | 3,774.00 | 12.65 | 4,680.50 | 11.00 | 4,070.00 |
| 26 | Relocate 5/8" Meter | 9 | EA | 1,655.00 | 14,895.00 | 1,180.12 | 10,621.08 | 1,041.00 | 9,369.00 |
| 27 | Relocate 1" Meter | 1 | EA | 1,761.00 | 1,761.00 | 1,351.72 | 1,351.72 | 1,270.00 | 1,270.00 |
| 28 | Reconnect 5/8" Meter | 70 | EA | 854.00 | 59,780.00 | 425.61 | 29,792.70 | 356.00 | 24,920.00 |
| 29 | Install New 5/8" Meter | 4 | EA | 1,601.00 | 6,404.00 | 864.22 | 3,456.88 | 957.00 | 3,828.00 |
| 30 | 6" HDPE Directional Bore Creek Crossing (245 LF) | 1 | LS | 58,698.00 | 58,698.00 | 64,054.60 | 64,054.60 | 51,221.00 | 51,221.00 |
| 31 | 6" Class 200 PVC Water Line | 15,200 | LF | 16.25 | 247,000.00 | 15.90 | 241,680.00 | 21.00 | 319,200.00 |
| 32 | 4" Class 200 PVC Water Line | 17,743 | LF | 14.42 | 255,854.06 | 14.01 | 248,579.43 | 19.00 | 337,117.00 |
| 33 | 3" Class 200 PVC Water Line | 199 | LF | 14.10 | 2,805.90 | 13.35 | 2,656.65 | 19.00 | 3,781.00 |
| 34 | 5-1/4" Fire Hydrant Assembly | 1 | EA | 4,269.00 | 4,269.00 | 4,165.98 | 4,165.98 | 4,982.00 | 4,982.00 |
| 35 | Silt Fence | 500 | LF | 4.30 | 2,150.00 | 3.00 | 1,500.00 | 5.00 | 2,500.00 |
| 36 | Rip Rap Check Dam | 50 | TN | 48.10 | 2,405.00 | 38.00 | 1,900.00 | 35.00 | 1,750.00 |
| 37 | Final Cleanup | 33,142 | LF | 1.00 | 33,142.00 | 1.00 | 33,142.00 | 1.00 | 33,142.00 |
| TOTAL WATER LINE REPLACEMENTS & EXTENSIONS: | | | | | <u>\$998,359.16</u> | | <u>\$1,010,569.69</u> | | <u>\$1,165,856.00</u> |

I hereby certify that this a true and accurate tabulation of bids as received September 19, 2019 with corrections for mathematical errors.


 Ryan J. Lelsey, P.E.

APPENDIX B

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Simpson County Water District, 523 U.S. 31W Bypass, Bowling Green, KY 42101.

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for ~~60~~90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

| <u>Addendum No.</u> | <u>Addendum, Date</u> |
|---------------------|-----------------------|
| <u>1</u> | <u>9/13/2019</u> |
| <u>2</u> | <u>9/18/2019</u> |
| | |
| | |

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work and including AIS requirements.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance

of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.

- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 - BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Base Bid of the project shall be determined based on the summation of lump sum items in the following table:

BASE BID SCHEDULE -- FRITZ-WINTER CAPACITY IMPROVEMENTS

| NO. | ITEM | UNIT | UNIT PRICE | QTY. | TOTAL PRICE |
|-----|---|------|------------|--------|-------------|
| 1 | 8"x8" Tap Sleeve & Valve on PVC | EA | 3650.00 | 2 | 7300.00 |
| 2 | 6"x6" Tap Sleeve & Valve on PVC | EA | 3035.00 | 1 | 3035.00 |
| 3 | 6"x6" Tap Sleeve & Valve on ACP | EA | 3350.00 | 1 | 3350.00 |
| 4 | 12" Gate Valve | EA | 2805.00 | 2 | 5610.00 |
| 5 | 8" Gate Valve | EA | 1515.00 | 3 | 4545.00 |
| 6 | 3" Gate Valve | EA | 850.00 | 2 | 1700.00 |
| 7 | Domestic Ductile Iron Fittings | LB | 5.75 | 3,150 | 18,112.50 |
| 8 | Crushed Stone | TN | 12.75 | 1,750 | 22,312.50 |
| 9 | Concrete | CY | 230.00 | 15 | 3450.00 |
| 10 | Asphalt 20" | TN | 305.00 | 10 | 3050.00 |
| 11 | 18" Stl. Casing, by Bore, w/12" Rest. Jt. DIP Carrier | LF | 375.00 | 343 | 128,625.00 |
| 12 | 14" Stl. Casing, by Bore, w/8" Rest. Jt. DIP Carrier | LF | 270.00 | 60 | 16,200.00 |
| 13 | 12" Stl. Casing, by Bore, w/8" PVC Carrier | LF | 255.00 | 76 | 19,380.00 |
| 14 | 8" PVC - Uncased Bore | LF | 75.00 | 125 | 9,375.00 |
| 15 | 10" HDPE Directional Bore Water Line Creek Crossing | LS | 41,900.00 | 1 | 41,900.00 |
| 16 | 12" Class 200 PVC Water Line | LF | 19.75 | 1,972 | 38,947.00 |
| 17 | 8" Class 200 PVC Water Line | LF | 12.70 | 11,063 | 140,500.10 |
| 18 | 6" Class 200 PVC Water Line | LF | 60.00 | 24 | 1440.00 |
| 19 | 3" Class 200 PVC Water Line | LF | 45.00 | 82 | 3690.00 |
| 20 | Master Meter Lump Sum | LS | 51,000.00 | 1 | 51,000.00 |
| 21 | Pump Station Lump Sum | LS | 207,000.00 | 1 | 207,000.00 |
| 22 | 1" Meter Set - Creek Crossing | LS | 1985.00 | 1 | 1985.00 |

BASE BID SCHEDULE – FRITZ-WINTER CAPACITY IMPROVEMENTS (CONT.)

| NO. | ITEM | UNIT | UNIT PRICE | QTY. | TOTAL PRICE |
|-----|------------------------------|------|---------------------|--------|---------------------|
| 23 | 5-1/4" Fire Hydrant Assembly | EA | 4200. ⁰⁰ | 1 | 4200. ⁰⁰ |
| 24 | Silt Fence | LF | 1. ⁸⁰ | 300 | 540. ⁰⁰ |
| 25 | Rip-Rap Check Dam | TN | 34. ²⁵ | 30 | 1027. ⁵⁰ |
| 26 | Final Cleanup | LF | \$1.00 | 13,141 | \$ 13,141.00 |

TOTAL – FRITZ-WINTER CAPACITY IMPROVEMENTS

\$ 751,415.⁶⁰

Respectfully submitted:

[Signature]
Signature

CEO
Title

9/19/19
Date

3123
License No. (If Applicable)

PO Box 928
Address

Bowling Green KY 42102
City, State, Zip

270796 7209
Phone Number

270 715 0793
Facsimile Number

SEAL - (if BID is by a corporation)

ATTEST: [Signature]

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Required Bid security;
 - B. List of Proposed Subcontractors;
 - C. List of Proposed Suppliers;
 - D. List of Project References;
 - E. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;
 - F. Contractor's License No.: 3123
 - G. Required Bidder Qualification Statement with supporting data; and
 - H. If Bid amount exceeds \$10,000, signed Compliance Statement (RD 400-6). Refer to specific equal opportunity requirements set forth in the Supplemental General Conditions;
 - I. If Bid amount exceeds \$25,000, signed Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions (AD-1048);
 - J. If Bid amount exceeds \$100,000, signed RD Instruction 1940-Q, Exhibit A-1, Certification for Contracts, Grants, and Loans.
 - K. "Manufacturer's Certification Letter (Exhibit D) on any approved "or equal" or substitute request to ensure compliance with AIS requirements and any subsequent statutes mandating domestic preference.

ARTICLE 8 – DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

INFINITY PIPELINE, INC

By: 
[Signature]

[Printed name] DARREN WHEAT
[If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.]

Attest: 
[Signature]

[Printed name] PENNY WEBB

Title: CONTROLLER

Submittal Date: 9/19/19

Address for giving notices:

PO BOX 928
BOWLING GREEN, KY 42102

Telephone Number: 270 796 7209

Fax Number: 270 715 0793

Contact Name and e-mail address: DARREN WHEAT
BID@INFINITYPIPEINC.COM

Bidder's License No.: 3123
(where applicable)

BID BOND

Any singular reference to Bidder, Surety, Owner or other party shall be considered plural where applicable.

BIDDER (Name and Address):

Infinity Pipeline, Inc.
1520 Fairview Ave
Bowling Green, KY 42103

SURETY (Name, and Address of Principal Place of Business):

The Hanover Insurance Company
440 Lincoln Street
Worcester, MA 01653

OWNER (Name and Address):

Simpson County Water District
523 US 31W Bypass
Bowling Green, KY 42101

BID

Bid Due Date: 9/19/2019

Description (Project Name— Include Location): PROJECT #1: FRITZ-WINTER CAPACITY IMPROVEMENTS

BOND

Bond Number:

Date: 9/19/2019

Penal sum 5% of Amount Bid \$ 5%
(Words) (Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth below, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.

BIDDER

SURETY

Infinity Pipeline, Inc. (Seal) The Hanover Insurance Company (Seal)

Bidder's Name and Corporate Seal

Surety's Name and Corporate Seal

By:

[Handwritten Signature]

Signature

By:

[Handwritten Signature]

Signature (Attach Power of Attorney)

[Handwritten Name]

Print Name

LaKala Carter

Print Name

[Handwritten Title]

Title

Attorney-in-Fact

Title

Attest:

[Handwritten Signature]

Signature

Attest:

[Handwritten Signature]

Signature

Title Administrative Asst.

Title

Note: Addresses are to be used for giving any required notice.

Provide execution by any additional parties, such as joint venturers, if necessary.

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond shall be Owner's sole and exclusive remedy upon default of Bidder.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation shall be null and void if:
 - 3.1 Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
 - 3.2 All Bids are rejected by Owner, or
 - 3.3 Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from the Bid due date without Surety's written consent.
6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after the Bid due date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

THE HANOVER INSURANCE COMPANY
MASSACHUSETTS BAY INSURANCE COMPANY
CITIZENS INSURANCE COMPANY OF AMERICA

POWER OF ATTORNEY

THIS Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

KNOW ALL PERSONS BY THESE PRESENTS:

That THE HANOVER INSURANCE COMPANY and MASSACHUSETTS BAY INSURANCE COMPANY, both being corporations organized and existing under the laws of the State of New Hampshire, and CITIZENS INSURANCE COMPANY OF AMERICA, a corporation organized and existing under the laws of the State of Michigan, (hereinafter individually and collectively the "Company") does hereby constitute and appoint,

Steven M. Baas, Benjamin P. Dycus, Kenny Albert, Adam Harris, LaKala Carter and/or Melissa Propst

Of **Van Meter Insurance of Bowling Green, KY** each individually, if there be more than one named, as its true and lawful attorney(s)-in-fact to sign, execute, seal, acknowledge and deliver for, and on its behalf, and as its act and deed any place within the United States, any and all surety bonds, recognizances, undertakings, or other surety obligations. The execution of such surety bonds, recognizances, undertakings or surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company, in their own proper persons. Provided however, that this power of attorney limits the acts of those named herein; and they have no authority to bind the Company except in the manner stated and to the extent of any limitation stated below:

Any such obligations in the United States, not to exceed Ten Million and No/100 (\$10,000,000) in any single instance

That this power is made and executed pursuant to the authority of the following Resolutions passed by the Board of Directors of said Company, and said Resolutions remain in full force and effect:

RESOLVED: That the President or any Vice President, in conjunction with any Vice President, be and they hereby are authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as it acts, to execute and acknowledge for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, waivers of citation and all other writings obligatory in the nature thereof, with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company in their own proper persons.

RESOLVED: That any and all Powers of Attorney and Certified Copies of such Powers of Attorney and certification in respect thereto, granted and executed by the President or Vice President in conjunction with any Vice President of the Company, shall be binding on the Company to the same extent as if all signatures therein were manually affixed, even though one or more of any such signatures thereon may be facsimile. (Adopted October 7, 1981 – The Hanover Insurance Company; Adopted April 14, 1982 – Massachusetts Bay Insurance Company; Adopted September 7, 2001 – Citizens Insurance Company of America)

IN WITNESS WHEREOF, THE HANOVER INSURANCE COMPANY, MASSACHUSETTS BAY INSURANCE COMPANY and CITIZENS INSURANCE COMPANY OF AMERICA have caused these presents to be sealed with their respective corporate seals, duly attested by two Vice Presidents, this 8th day of **February, 2018**.

The Hanover Insurance Company
Massachusetts Bay Insurance Company
Citizens Insurance Company of America

John C. Roche
John C. Roche, EVP and President

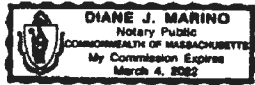


The Hanover Insurance Company
Massachusetts Bay Insurance Company
Citizens Insurance Company of America

James H. Kawiecki
James H. Kawiecki, Vice President

THE COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF WORCESTER) ss.

On this 8th day of **February, 2018** before me came the above named Vice Presidents of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, to me personally known to be the individuals and officers described herein, and acknowledged that the seals affixed to the preceding instrument are the corporate seals of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, respectively, and that the said corporate seals and their signatures as officers were duly affixed and subscribed to said instrument by the authority and direction of said Corporations.



Diane J. Marino
Diane J. Marino, Notary Public
My Commission Expires March 4, 2022

I, the undersigned Vice President of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, hereby certify that the above and foregoing is a full, true and correct copy of the Original Power of Attorney issued by said Companies, and do hereby further certify that the said Powers of Attorney are still in force and effect.

GIVEN under my hand and the seals of said Companies, at Worcester, Massachusetts, this *19th* day of *September, 2019*

CERTIFIED COPY

Theodore G. Martinez
Theodore G. Martinez, Vice President



INFINITY PIPELINE, INC.

Sitework & Utility Contractor
Commercial | Industrial | Municipal | Highway

PO Box 928, Bowling Green, KY 42102 | O: (270) 796-7209 | F: (270) 715-0793 | www.infinitypipeinc.com

September 25, 2019

TO: SIMPSON COUNTY WATER DISTRICT

ATTN: MR RYAN J. LEISEY, P.E.

RE: SIMPSON COUNTY WATER DISTRICT
FRITZ-WINTER CAPACITY IMPROVEMENTS BID
WATER LINE REPLACEMENTS AND EXTENSIONS BID
POST BID – INFORMATION REQUEST

Dear Mr. Leisey:

We appreciate the opportunity to bid the two projects to Simpson County Water District. Please see the below and attached additional documentation required in Section 7.01 of the Bid Form.

B. List of Proposed Subcontractors (and scope of work):

- **Neat Brothers Boring, LLC**
Horizontal Jack and Bores, Driveway Bores
156 W. Park Drive
Columbia, KY 42728
Jeff Neat
270-634-0396
- **Akins Excavating Company, Inc.**
Directional Creek Bores
182 Busy Lane
Corbin, KY 40701
Tim Akins
606-521-1057

C. List of Proposed Suppliers:

- **Fortiline Waterworks, Inc.**
Waterline Material
552 Highway 69 North
Hartford, KY 42347
Chris Logsdon
270-535-0644



INFINITY PIPELINE, INC.

Sitework & Utility Contractor
Commercial | Industrial | Municipal | Highway

PO Box 928, Bowling Green, KY 42102 | O: (270) 796-7209 | F: (270) 715-0793 | www.infinitypipeinc.com

- **Utility Precast Products, LLC**

Meter Vault
1993 Hopkinsville Road
Russellville, KY 42276
Tom Moore
270-726-8500

- **JAGS Environmental, Inc.**

EFI Pump Station
31 Erlanger Road
Erlanger, KY 41018
Jason Bivins
859-342-2752

- **HTI, Inc.**

Remote Terminal Unit
9560 US HWY 62E
Horse Branch, KY 42349
Jeff Morris
270-274-4632

D. List of Project References:

- City of Franklin
Kenny Massey
270-202-5759
- Bowling Green Municipal Utilities
Rodney Sullivan
270-799-1711
- Hopkinsville Water Environment Authority
Jim Taylor
270-484-1472
- Warren Co Water District
Steve Collins
270-991-0092



INFINITY PIPELINE, INC.

Sitework & Utility Contractor
Commercial | Industrial | Municipal | Highway

PO Box 928, Bowling Green, KY 42102 | O: (270) 796-7209 | F: (270) 715-0793 | www.infinitypipeinc.com

List of Projects Completed by Infinity Pipeline or It's Team Members:

1. Windsor Farms (Franklin, KY) Phase II: 6" Water & 8" Sewer Install
 - o Owner: Jody Allen
 - o 270-392-5112
2. Windsor Farms (Warren Co, KY – Elrod Road): 6" Water Install
 - o Owner: Joe Vallelonga
 - o 270-791-0214
3. Lebanon TN Genesco Parkway 20" DIP Extension
 - o Engineer: Hethcoat Davis (Bryant Griffin)
 - o 615-417-4571
4. WCWD Hwy 231 Sewer Extension (2016)
 - o Gravity Sewer, Force Main, Pump Station Install
5. WCWD Plano Road Water & Force Main Relocate
 - o Water – Force Main – Fusion Weld HDPE Pipe
6. WCWD Project 19, Contract 2
 - o 20" DIP Extension (Three Springs Road)

In addition to the mentioned projects above, our team members have completed a multitude of large diameter water and sewer projects for a wide variety of municipalities in both KY and TN. We have installed water from 4" DIP to 48" Prestress Concrete Pipe, Sewer Lines from 6" PVC to 72" Interceptor Sewer, Bores from 8" Casing to 96" Tunnel work under roadways.

Please feel free to contact me with any questions you may have on any of the information listed above. My contact information is listed below. Thank you again for the opportunity for bid your work.

Sincerely,
Infinity Pipeline, Inc.

A handwritten signature in black ink, appearing to read "Darron Wheat", is written over a light blue horizontal line.

Darron Wheat
President / CEO
Phone: (270) 796-7200
Email: dwheat@infinitypipeinc.com

USDA
Form RD 400-6
(Rev. 12-09)

Form Approved
OMB No. 0575-0018

COMPLIANCE STATEMENT

This statement relates to a proposed contract with Simpson County Water District

INFINITY PIPELINE, INC.
(Name of borrower or grantee)

who expects to finance the contract with assistance from either the Rural Housing Service (RHS), Rural Business-Cooperative Service (RBS), or the Rural Utilities Service (RUS) or their successor agencies, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor, I represent that:

1. I have, have not, participated in a previous contract or subcontract subject to Executive Order 11246 (regarding equal employment opportunity) or a preceding similar Executive Order.
2. If I have participated in such a contract or subcontract, I have, have not, filed all compliance reports that have been required to file in connection with the contract or subcontract.

 If the proposed contract is for \$50,000 or more: or If the proposed nonconstruction contract is for \$50,000 or more and I have 50 or more employees, I also represent that:
3. I have, have not previously had contracts subject to the written affirmative action programs requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, have not developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to either the RHS, RBS or RUS, or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and wash rooms, restaurants and other eating areas time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods):

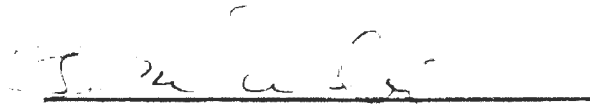
According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays the valid OMB control number. The valid OMB control number for this information collection is 0575-0018. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES**

A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, may 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$ 10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

DATE 9/19/19



(Signature of Bidder or Prospective Contractor)

Address (including zip Code)

**NOTICE OF REQUIREMENTS FOR AFFIRMATIVE ACTION
TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY
(EXECUTIVE ORDER 11246 AND 41 CFR PART 60-4)**

The following Notice shall be included in, and shall be a part of all solicitations for offers and bids on all Federal and federally assisted construction contracts or subcontracts in excess of \$10,000.

The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.

The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

| Timetables | Goals for minority participation for each trade | Goals for female participation for each trade |
|------------|---|---|
| | 12 % | 6.9% |

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order, and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is:

State of Kentucky

County of Simpson

City of Franklin

U.S. DEPARTMENT OF AGRICULTURE

Certification Regarding Debarment, Suspension, Ineligibility
and Voluntary Exclusion - Lower Tier Covered Transactions

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 7 CFR part 3017, Section 3017.510, Participants' responsibilities. The regulations were published as Part IV of the January 30, 1989, Federal Register (pages 4722-4733). Copies of the regulations may be obtained by contacting the Department of Agriculture agency with which this transaction originated.

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON REVERSE)

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

INFINITY PIPELINE, INC. _____ PRAward Number or Project Name
Organization Name

J. DARRIN WHEAT, CEO _____
Name(s) and Title(s) of Authorized Representative(s)

J. D. Wheat _____ 9/19/19 _____
Signature(s) Date



CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

The undersigned certifies, to the best of his or her knowledge and belief, that

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

J. DARRON WHEAT
(name)

9/19/19
(date)

CEO
(title)

oOo

Commonwealth of Kentucky
Alison Lundergan Grimes, Secretary of State

PAOI
1047561.09
Alison Lundergan Grimes
Secretary of State
Received and Filed
2/6/2019 4:28:39 PM
Fee receipt: \$140.00

Alison Lundergan Grimes
Secretary of State
P. O. Box 718
Frankfort, KY 40602-0718
(502) 564-3490
<http://www.sos.ky.gov>

Articles of Incorporation

PAI

For the purposes of forming a business corporation in Kentucky pursuant to KRS Chapter 271B, the undersigned incorporator hereby submits the following Articles of Incorporation to the Office of the Secretary of State for filing:

Article I: The name of the company is

Infinity Pipeline, Inc.

Article II: The street address of the company's initial registered office in Kentucky is

1520 Fairview Ave Ste 1, Bowling Green, KY 42103

and the name of the initial registered agent at that address is **Jimmy Darron Wheat**

Article III: The mailing address of the company's initial principal office is

1520 Fairview Ave Ste 1, Bowling Green, KY 42103

Article IV: The name and mailing address of each incorporator is

Jimmy Darron Wheat 1520 Fairview Ave Ste 1, Bowling Green, KY 42103

Article V: The number of shares the corporation is authorized to issue is **10000**

Executed by the Incorporator on Wednesday, February 06, 2019

Name of incorporator: **Jimmy Darron Wheat**

Signature of individual signing on behalf of Incorporator: **Jimmy Darron Wheat**

I, **Jimmy Darron Wheat**, consent to serve as the Registered Agent on behalf of the corporation.

Signature of Registered Agent or individual signing on behalf of the company serving as Registered Agent:

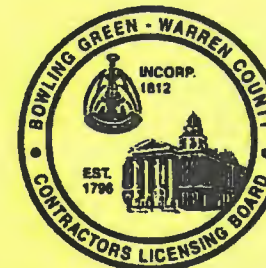
Jimmy Darron Wheat

GENERAL

CONTRACTORS LICENSE

BOWLING GREEN / WARREN COUNTY CONTRACTORS LICENSING BOARD

EXPIRATION DATE: 04/07/2020



This license certifies compliance with the City of Bowling Green Ordinance No. BG-91-25 & Warren County Ordinance No. 91-58, which require the purchase of a General or Specialty Contractors License.

Licensee:
INFINITY PIPELINE INC

INFINITY PIPELINE INC
PO BOX 928
BOWLING GREEN, KY 42102

License No: 3123

Receipt # 2019-00005046

Received Date: 04/08/2019

Amount: \$250.00

Approved By:

Robert Appling, Director

ANY CHANGE IN OWNERSHIP SHALL REQUIRE A NEW LICENSE TO BE PURCHASED. LICENSE FEES NONREFUNDABLE.

NON TRANSFERABLE

License Copy

Certificate No: 43244



September 19, 2019

Fortiline Waterworks, Inc.
552 Highway 69 North
Hartford, Kentucky 42347

Attn: All Bidders

Ref Project: Project #1: Fitz-Winter Capacity Improvements
Engineer: Ryan Leisey, Simpson Co Water District
523 US-31 Bypass
Bowling Green, KY 42101

Fortiline Waterworks, Inc. certifies that all material proposed and or will be provided for the Fitz-Winter Capacity Improvements project are in full Compliance with the American Iron and Steel requirement as mandated in EPA's state Revolving Fund Programs. Fortiline Waterworks, Inc. will supply Individual Manufacture AIS certs for each item once the Project is awarded along with Submittals for the products.

Sincerely,

Chris Logsdon

Account Manager

chris.logsdon@fortiline.com

Fortiline Waterworks, Inc.

BID FORM

WATER LINE REPLACEMENTS AND EXTENSIONS

TABLE OF CONTENTS

| | Page |
|---|-------------|
| Article 1 – Bid Recipient | 1 |
| Article 2 – Bidder’s Acknowledgements | 1 |
| Article 3 – Bidder’s Representations | 1 |
| Article 4 – Bidder’s Certification | 2 |
| Article 5 – Basis of Bid | 3 |
| Article 6 – Time of Completion | 5 |
| Article 7 – Attachments to this Bid | 5 |
| Article 8 – Defined Terms | 6 |
| Article 9 – Bid Submittal | 6 |

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Simpson County Water District, 523 U.S. 31W Bypass, Bowling Green, KY 42101.

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for ~~60~~90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

- A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

| <u>Addendum No.</u> | <u>Addendum, Date</u> |
|---------------------|-----------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work **and including AIS requirements.**
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance

ARTICLE 5 - BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Base bid of the project shall be determined based on a summation of lump sum items in the following table:

BASE BID SCHEDULE – WATER LINE REPLACEMENTS & EXTENSIONS

| NO. | ITEM | UNIT | UNIT PRICE | QTY. | TOTAL PRICE |
|-----|--|------|--------------|-------|---------------|
| 1 | 6"x6" Tap Sleeve & Valve on PVC | EA | <u>3500</u> | 1 | <u>3500</u> |
| 2 | 6"x4" Tap Sleeve & Valve on PVC | EA | <u>3000</u> | 2 | <u>6000</u> |
| 3 | 4"x4" Tap Sleeve & Valve on PVC | EA | <u>2500</u> | 1 | <u>2500</u> |
| 4 | 6"x6" Tap Sleeve & Valve on ACP | EA | <u>4000</u> | 1 | <u>4000</u> |
| 5 | 4"x4" Tap Sleeve & Valve on ACP | EA | <u>2800</u> | 2 | <u>5600</u> |
| 6 | 6" Gate Valve | EA | <u>1200</u> | 3 | <u>3600</u> |
| 7 | 4" Gate Valve | EA | <u>1000</u> | 8 | <u>8000</u> |
| 8 | 3" Gate Valve | EA | <u>950</u> | 13 | <u>12350</u> |
| 9 | 6" Blow-off Assembly | EA | <u>2000</u> | 2 | <u>4000</u> |
| 10 | 4" Blow-off Assembly | EA | <u>1300</u> | 4 | <u>5200</u> |
| 11 | 3" Blow-off Assembly | EA | <u>1200</u> | 1 | <u>1200</u> |
| 12 | 4" Side Outlet Blow-off Assembly | EA | <u>1500</u> | 2 | <u>3000</u> |
| 13 | Domestic Ductile Iron Fittings | LB | <u>6.00</u> | 5,475 | <u>32,850</u> |
| 14 | Crushed Stone | TN | <u>22.00</u> | 4,380 | <u>96,360</u> |
| 15 | Concrete | CY | <u>250</u> | 44 | <u>11,000</u> |
| 16 | Asphalt | TN | <u>150</u> | 5 | <u>750</u> |
| 17 | 8" Stl. Casing by Bore, w/4" Rest. Jt. DIP Carrier | LF | <u>225</u> | 50 | <u>11,250</u> |
| 18 | 10" Stl. Casing, by Bore, w/6" PVC Carrier | LF | <u>250</u> | 81 | <u>20,250</u> |
| 19 | 8" Stl. Casing by Bore, w/4" PVC Carrier | LF | <u>200</u> | 160 | <u>32,000</u> |
| 20 | 6" PVC - Uncased Bore | LF | <u>75</u> | 435 | <u>32,625</u> |
| 21 | 4" PVC – Uncased Bore | LF | <u>60</u> | 170 | <u>10,200</u> |
| 22 | Customer Service Line (3/4" PE) | LF | <u>4.00</u> | 90 | <u>360</u> |

BASE BID SCHEDULE – WATER LINE REPLACEMENTS & EXTENSIONS (CONTINUED)

| NO. | ITEM | UNIT | UNIT PRICE | QTY. | TOTAL PRICE |
|---|---|------|------------|--------|-------------------|
| 23 | 1" PE Service Line By Bore | LF | 8.00 | 40 | 320 |
| 24 | 1" PE Service Line | LF | 4.50 | 55 | 247.50 |
| 25 | 3/4" PE Service Line | LF | 4.00 | 370 | 1480 |
| 26 | Relocate 5/8" Meter | EA | 750 | 9 | 6750 |
| 27 | Relocate 1" Meter | EA | 800 | 1 | 800 |
| 28 | Reconnect 5/8" Meter | EA | 550 | 70 | 38,500 |
| 29 | Install New 5/8" Meter | EA | 800 | 4 | 3200 |
| 30 | 6" HDPE Directional Bore Creek Crossings (245 LF) | LS | 40,000 | 1 | 40,000 |
| 31 | 6" Class 200 PVC Water Line | LF | 14.00 | 15,200 | 212,800 |
| 32 | 4" Class 200 PVC Water Line | LF | 12.50 | 17,743 | 221,787.50 |
| 33 | 3" Class 200 PVC Water Line | LF | 12.00 | 199 | 2388 |
| 34 | 5-1/4" Fire Hydrant Assembly | EA | 4500 | 1 | 4500 |
| 35 | Silt Fence | LF | 1.00 | 500 | 500 |
| 36 | Rip-Rap Check Dam | TN | 35 | 50 | 1750 |
| 37 | Final Cleanup | LF | \$1.00 | 33,142 | \$ 33,142.00 |
| TOTAL – WATER LINE REPLACEMENTS & EXTENSIONS | | | | | \$ 874,760 |

Respectfully submitted:

K. R. B.
 Signature
President
 Title
9-18-19
 Date

 License No. (If Applicable)

7435 KY Rt. 321
 Address
Hager Hill, KY 41222
 City, State, Zip
(606) 454-1694
 Phone Number
(606) 789-8800
 Facsimile Number

SEAL - (if BID is by a corporation)

ATTEST: James Taber

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Required Bid security;
 - B. List of Proposed Subcontractors;
 - C. List of Proposed Suppliers;
 - D. List of Project References;
 - E. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;
 - F. Contractor's License No.:
 - G. Required Bidder Qualification Statement with supporting data; and
 - H. If Bid amount exceeds \$10,000, signed Compliance Statement (RD 400-6). Refer to specific equal opportunity requirements set forth in the Supplemental General Conditions;
 - I. If Bid amount exceeds \$25,000, signed Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions (AD-1048);
 - J. If Bid amount exceeds \$100,000, signed RD Instruction 1940-Q, Exhibit A-1, Certification for Contracts, Grants, and Loans.
 - K. "Manufacturer's Certification Letter (Exhibit D) on any approved "or equal" or substitute request to ensure compliance with AIS requirements and any subsequent statutes mandating domestic preference.

BID BOND

Any singular reference to Bidder, Surety, Owner or other party shall be considered plural where applicable.

BIDDER (Name and Address):

BOCA Enterprises, Inc.
7435 KY Rte. 321
Hager Hill, KY 41222

SURETY (Name, and Address of Principal Place of Business):

Old Republic Insurance Co.
2000 Cliff Mine Rd.
Pittsburgh, PA 15275

OWNER (Name and Address):

Simpson County Water District
523 US 31 West Bypass
Bowling Green, KY 42101

BID

Bid Due Date: 09/19/2019

Description (Project Name— Include Location): **Project #2: Water Line
Replacements and Extensions**

BOND

Bond Number: 3436450

Date: 09/19/2019

Penal sum 5% of amount bid (Words) \$ 5% (Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth below, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.

BIDDER

BOCA Enterprises, Inc (Seal)
Bidder's Name and Corporate Seal

SURETY

Old Republic Insurance Co. (Seal)
Surety's Name and Corporate Seal

By: ✓ Ky By
Signature

By: Joseph P. Highland
Signature (Attach Power of Atty)

Kirby Bowling
Print Name

Joseph P. Highland
Print Name

President
Title

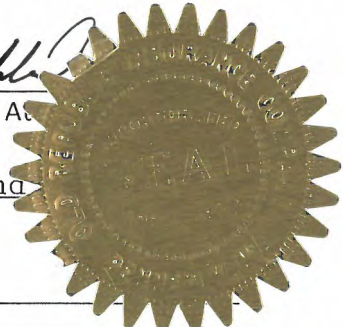
Attorney-in-Fact
Title

Attest: ✓ James Taber
Signature

Attest: Geordan H. Sutton
Signature

Title

Title



Note: Addresses are to be used for giving any required notice.
Provide execution by any additional parties, such as joint venturers, if necessary.

Bond No. _____

BID BOND

The American Institute of Architects,
AIA Document No. A310 (February, 1970 Edition)

KNOW ALL MEN BY THESE PRESENTS, that we _____ BOCA Enterprises, Inc.

7435 KY Rte. 321

Hager Hill, KY 41222

as Principal hereinafter called the Principal, and _____ Old Republic Insurance Co.
a corporation duly organized under the laws of the state of Pennsylvania as Surety, hereinafter called the Surety,
are held and firmly bound unto _____ Simpson County Water District

523 US Hwy. 31 W. Bypass

Bowling Green, KY 42102

as Obligee, hereinafter called the Obligee, in the sum of _____ 5% of amount bid

Dollars (\$ 5% of amount bid), for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for _____ Project #2: Water Line Replacement and Extensions

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this _____ 19th day of _____ September, _____ 2019

✓ James Taber

Witness

_____ BOCA Enterprises, Inc.
Principal

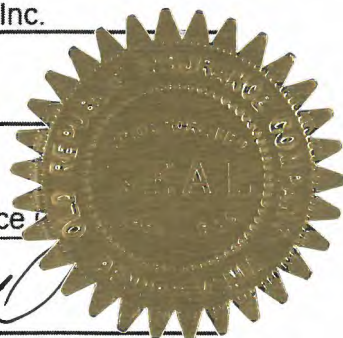
By: Kirby Bowling

Kirby Bowling (President)

_____ Old Republic Insurance Co.
Surety

By: Joseph P. Highland

Joseph P. Highland Attorney-in-Fact



KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC INSURANCE COMPANY, a Pennsylvania stock insurance corporation, does make, constitute and appoint: JOSEPH P. HIGHLAND, LORIE A. GIES, JOHNNY R. HURLEY, OF LEXINGTON, KY

its true and lawful Attorney(s)-in-Fact, with full power and authority, not exceeding \$50,000,000, for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than self-insurance workers compensation bonds guaranteeing payment of benefits, asbestos abatement contract bonds, waste management bonds, hazardous waste remediation bonds or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS IN AN AMOUNT NOT TO EXCEED SEVEN MILLION FIVE HUNDRED THOUSAND (\$7,500,000)----- FOR ANY SINGLE OBLIGATION.


and to bind OLD REPUBLIC INSURANCE COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This document is not valid unless printed on colored background and is multi-colored. This appointment is made under and by authority of the board of directors at a meeting held on March 14, 2014. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC INSURANCE COMPANY on March 14, 2014.

RESOLVED FURTHER, that the chairman, president or any vice president of the Company's surety division, in conjunction with the secretary or any assistant secretary of the Company, be and hereby are authorized and directed to execute and deliver, to such persons as such officers of the Company may deem appropriate, Powers of Attorney in the form presented to and attached to the minutes of this meeting, authorizing such persons to execute and deliver and affix the seal of the Company to bonds, undertakings, recognizances, and suretyship obligations of all kinds, other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds. The said officers may revoke any Power of Attorney previously granted to any such person. The authority of any Power of Attorney granted by any such officer of the Company as aforesaid shall not exceed fifty million dollars (\$50,000,000.00), except (a) bonds required to be filed as open penalty bonds, and (b) bonds filed with any court or governmental authority requiring an unlimited penalty in bonds filed in that court.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company (i) when signed by the chairman, president or any vice president of the Company's surety division and attested and sealed (if a seal be required) by any secretary or assistant secretary; or (ii) when signed by a duly authorized Attorney-in-Fact and sealed with the seal of the Company (if a seal be required).

RESOLVED FURTHER, that the signature of any officer designated above, and the seal of the Company, may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC INSURANCE COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 7TH day of MARCH, 2019.


Assistant Secretary



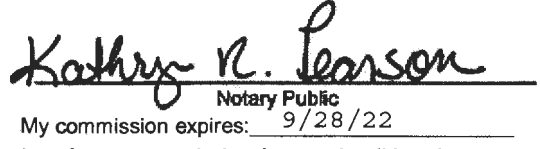
OLD REPUBLIC INSURANCE COMPANY


Vice President

STATE OF WISCONSIN, COUNTY OF WAUKESHA - SS

On this 7TH day of MARCH, 2019, personally came before me, ALAN PAVLIC and JANE E CHERNEY to me known to be the individuals and officers of the OLD REPUBLIC INSURANCE COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say; that they are said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said organization.




Notary Public
My commission expires: 9/28/22

(Expiration of notary commission does not invalidate this instrument)

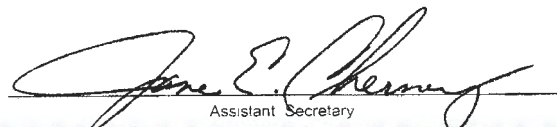
CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC INSURANCE COMPANY, a Pennsylvania corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

72-3062



Signed and sealed at the City of Brookfield, WI this 19th day of September, 2019.


Assistant Secretary

MANN SUTTON AND MCGEE LIMITED

THIS DOCUMENT HAS A COLORED BACKGROUND AND IS MULTICOLORED ON THE FACE. THE COMPANY LOGO APPEARS ON THE BACK OF THIS DOCUMENT AS A WATERMARK. IF THESE FEATURES ARE ABSENT, THIS DOCUMENT IS VOID.

COMPLIANCE STATEMENT

This statement relates to a proposed contract with Simpson County Water District

(Name of borrower or grantee)

who expects to finance the contract with assistance from either the Rural Housing Service (RHS), Rural Business-Cooperative Service (RBS), or the Rural Utilities Service (RUS) or their successor agencies, United States Department of Agriculture (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the undersigned bidder or prospective contractor, I represent that:

1. I have, ___ have not, participated in a previous contract or subcontract subject to Executive Order 11246 (regarding equal employment opportunity) or a preceding similar Executive Order.
2. If I have participated in such a contract or subcontract, I have, ___ have not, filed all compliance reports that have been required to file in connection with the contract or subcontract.

___ If the proposed contract is for \$50,000 or more: or ___ If the proposed nonconstruction contract is for \$50,000 or more and I have 50 or more employees, I also represent that:

3. I have, ___ have not previously had contracts subject to the written affirmative action programs requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I have, ___ have not developed and placed on file at each establishment affirmative action programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required of me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to either the RHS, RBS or RUS, or to the office where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and wash rooms, restaurants and other eating areas time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications for proposed subcontractors for specific time periods) I will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods):

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays the valid OMB control number. The valid OMB control number for this information collection is 0575-0018. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES**

A certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$ 10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

DATE 9-18-19

Ky Bz

(Signature of Bidder or Prospective Contractor)

7435 RT Rt. 321 Hager Hill, KY 41222

Address (including zip Code)

U.S. DEPARTMENT OF AGRICULTURE

**Certification Regarding Debarment, Suspension, Ineligibility
and Voluntary Exclusion - Lower Tier Covered Transactions**

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 7 CFR part 3017, Section 3017.510, Participants' responsibilities. The regulations were published as Part IV of the January 30, 1989, Federal Register (pages 4722-4733). Copies of the regulations may be obtained by contacting the Department of Agriculture agency with which this transaction originated.

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON REVERSE)

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Boca Enterprises Inc Project #2
Organization Name Waterline Replacement

WB-601111
PR/Award Number or Project Name

Kirby Bowling (President)
Name(s) and Title(s) of Authorized Representative(s)

K B 9-18-19
Signature(s) Date

Clear Form

CERTIFICATION FOR CONTRACTS. GRANTS ADD LOANS

The undersigned certifies, to the best of his or her knowledge and belief, that

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit standard Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Kirby Bowling
(name)

8-18-19
KB (date)

President
(title)

o0o

CERTIFICATE OF OWNER'S ATTORNEY AND AGENCY CONCURRENCE

CERTIFICATE OF OWNER'S ATTORNEY

PROJECT NAME: Fritz - Winter Capacity Imp.

CONTRACTOR NAME: Boca Enterprises Inc.

I, the undersigned, Kirby Bowling, the duly authorized and acting legal representative of Boca Enterprises Inc., do hereby certify as follows: I have examined the attached Contract(s) and performance and payment bond(s) and the manner of execution thereof, and I am of the opinion that each of the aforesaid agreements is adequate and has been duly executed by the proper parties thereto acting through their duly authorized representatives; and that said representatives have full power and authority to execute said agreements on behalf of the respective parties named thereon; and that the forgoing agreements constitute valid and legally binding obligations upon the parties executing the same in accordance with the terms, conditions and provisions thereof.

Kirby Bowling _____ 9-18-19
Name Date

AGENCY CONCURRENCE

As lender or insurer of funds to defray the costs of the Contract, and without liability for any payments thereunder, the Agency hereby concurs in the form, content, and execution of this Agreement.

Agency Representative Date

Name

AMERICAN IRON AND STEEL COMPLIANCE STATEMENT

"Section 746 of Title VII of the Consolidated Appropriations Act of 2017 (Division A- Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2017) and subsequent statues mandating domestic preference applies an American Iron and Steel requirement to this project.

All parties are required to comply with these requirements and to ensure that all iron and steel products used on this project are produced in the United States. The term "iron and steel products" means the following products made of primarily iron or steel: lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, and construction materials."

RD Specialist Signature

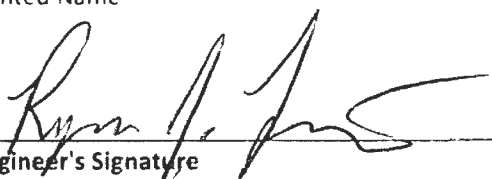
Date

Printed Name

Borrower Signature or Approved Representative

Date

Printed Name



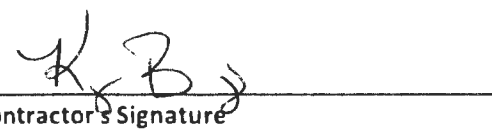
Engineer's Signature

5/17/2019

Date

Ryan J. Leisey

Printed Name



Contractor's Signature

9-18-19

Date

Kirby Bowling

Printed Name

CONTRACTOR'S CERTIFICATION LETTER

DATE:

RE: **APPLICANT**
PROJECT NAME
CONTRACT NUMBER

I hereby certify that, to the best of my knowledge and belief, all iron and steel products installed for this project by my company and by any and all subcontractors and manufacturers my company has contracted with for this project, comply with Section 746 of Title VII of the Consolidated Appropriations Act of 2017 and any subsequent statutes mandating domestic preference or are the subject of a waiver approved by the Secretary of Agriculture or designee.

Boca Enterprises Inc.
Name of Construction Company (Print)

Ky By
By Authorized Representative (Signature)

President
Title

This certification is to be submitted upon completion of the project to the project engineer.

MANUFACTURER'S CERTIFICATION LETTER

Date: 9-18-19

Company Name: Newque Ductile

Company Address: 2266 S. 6th St. Coshocton, Ohio 43812

Subject: AIS Step Certification for Project (X), Owner's Name, and Contract Number

I, (company representative), certify that the (melting, bending, galvanizing, cutting, etc.) processes for (manufacturing or fabricating) the following products and/or material shipped or provided for the subject project is in full compliance with the mandated AIS requirements.

Item, Products and/or Materials, and location of delivery (City, State)

1. Ductile Iron
- 2.
- 3.

Such process for AIS took place in the following location:

Coshocton, Ohio
City, State

This certification is to be submitted upon request to interested parties (e.g. municipalities, consulting engineers, general contractors, etc.)

If any of the above compliance statements change while providing materials to this project, please immediately notify the person(s) who is requesting to use your product(s).

John Malone
Authorized Company Representative

(Note: Authorized signature shall be manufacturer's representative and not the materials distributor or supplier)

EXHIBIT A

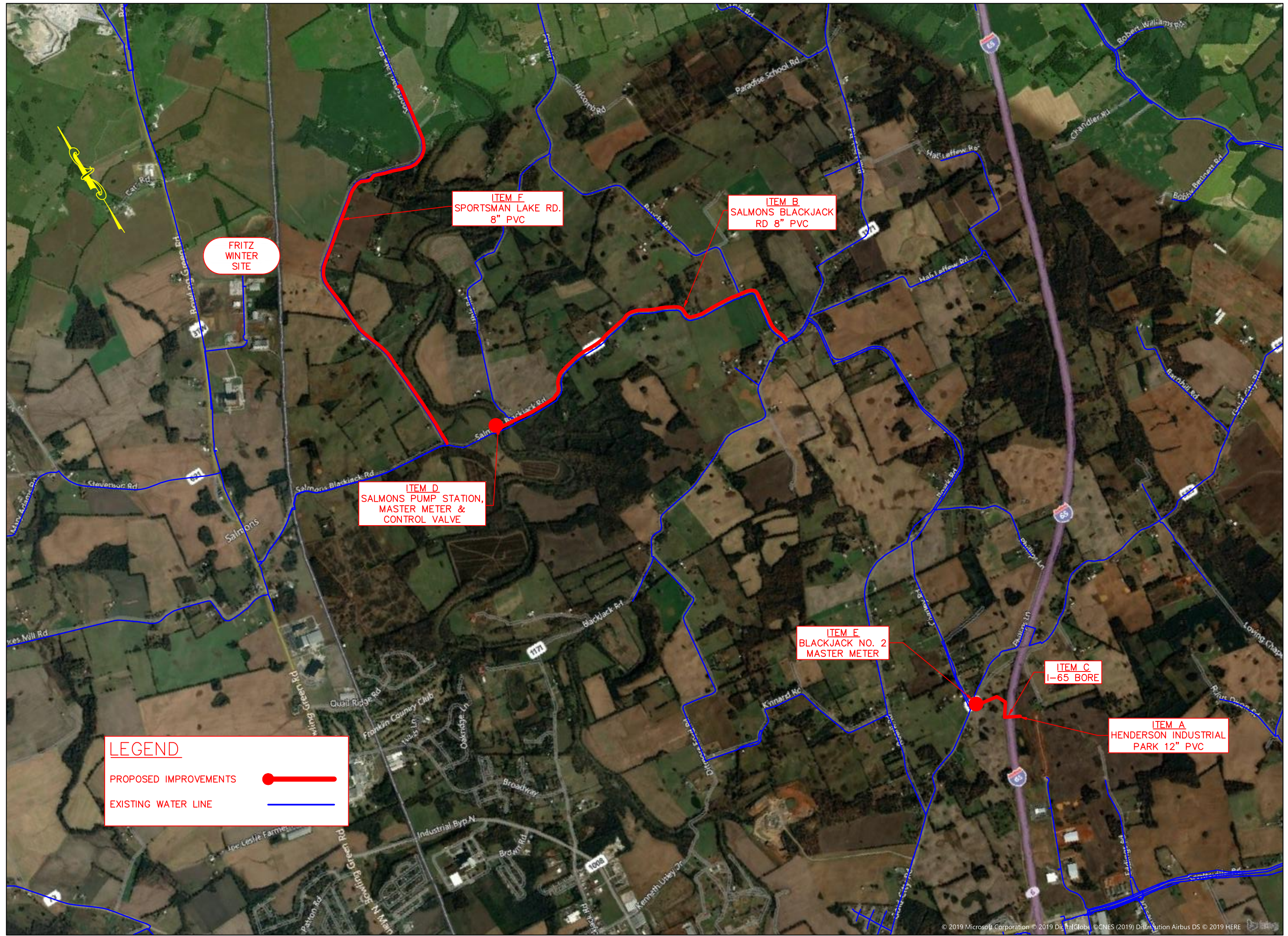


WATER SYSTEM IMPROVEMENTS
FRITZ WINTER SITE
WITH PROPERTY LINES


SCALE: 1"=2500'
DATE: 10/18/19
PROJECT #: N/A
DESIGNED: R.J.L.
DRAWN: J.N.L.
CHECKED: R.J.L.


REVISIONS:

| NO.: | DATE: |
|------|-------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



LEGEND

PROPOSED IMPROVEMENTS 

EXISTING WATER LINE 

ITEM F
SPORTSMAN LAKE RD.
8" PVC

ITEM B
SALMONS BLACKJACK
RD 8" PVC

ITEM D
SALMONS PUMP STATION,
MASTER METER &
CONTROL VALVE

ITEM E
BLACKJACK NO. 2
MASTER METER




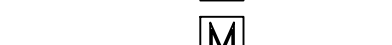
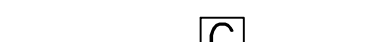




ITEM C
I-65 BORE

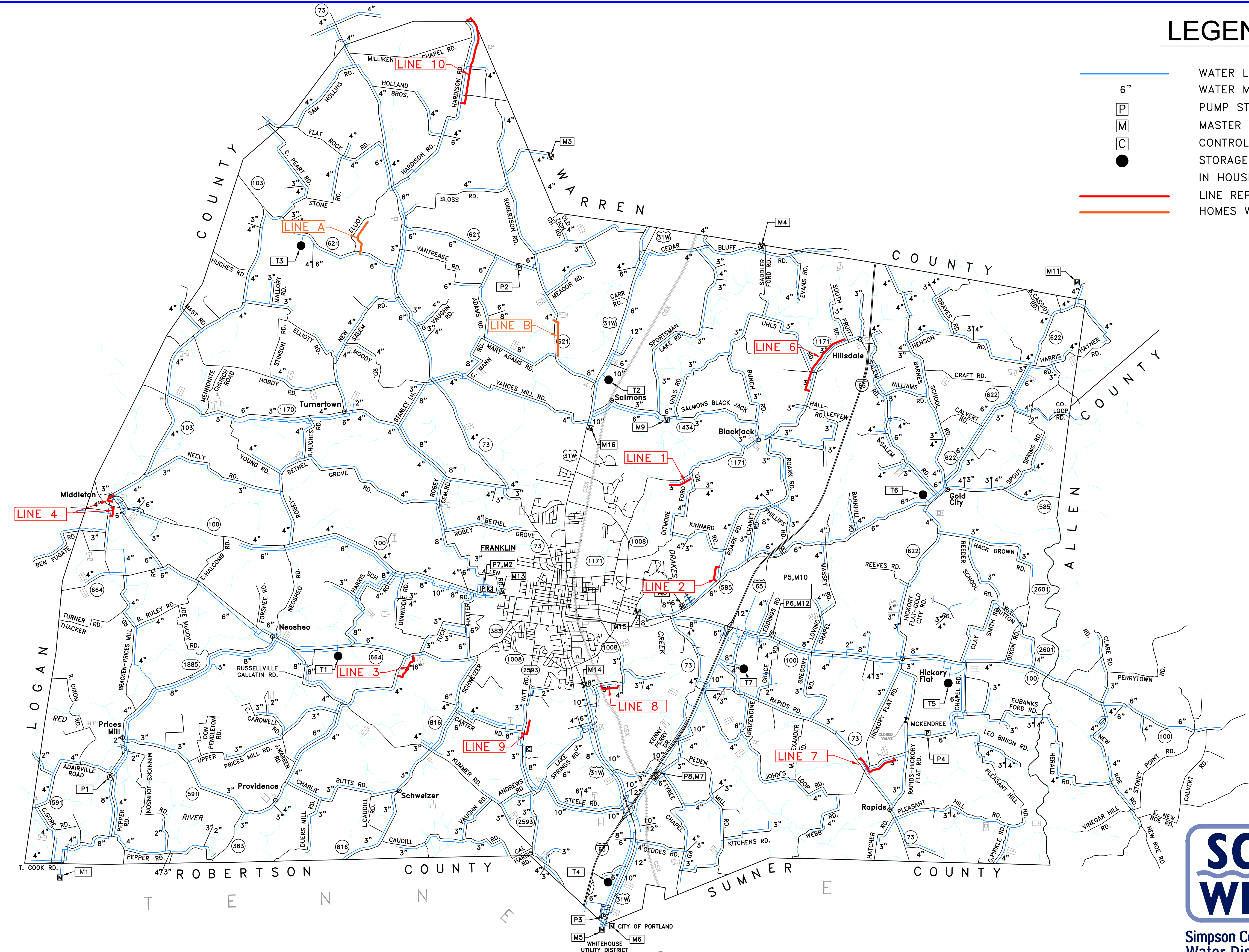
ITEM A
HENDERSON INDUSTRIAL
PARK 12" PVC

FRITZ
WINTER
SITE

EXHIBIT B

LEGEND

-  WATER LINE
-  6" WATER MAIN SIZE
-  PUMP STATION
-  MASTER METER
-  CONTROL VALVE
-  STORAGE TANK
-  IN HOUSE ABANDONEMENTS
-  LINE REPLACEMENTS - PROJECT 2017
-  HOMES WITHOUT WATER



Simpson County
Water District

PROJECT 2017
 WATER SYSTEM IMPROVEMENTS
 AND REPLACEMENTS
 SIMPSON COUNTY WATER DISTRICT
 OCTOBER 18, 2019
 Scale: NTS