

**EXECUTIVE SESSION
BOONVILLE BOARD OF WORKS
BOONVILLE CITY HALL
135 SOUTH SECOND STREET
BOONVILLE, INDIANA**

Monday, September 1st, 2016
4:00 p.m.

Present: Mayor Charles Wyatt, Board of Works Member Chuck Childress, Larry Lacer and Clerk-Treasurer Tammy Boruff

This Executive Session was held in accordance with IC 5-14-1.5-6.1(b) 4 to receive information about, and interview, prospective employees.

No decisions were made and the meeting adjourned.

Tammy Boruff
Clerk-Treasurer

Charles Wyatt
Mayor

**BOONVILLE BOARD OF WORKS
BOONVILLE CITY HALL
135 SOUTH SECOND STREET
BOONVILLE, INDIANA**

Wednesday September 14, 2016
4:00pm

PRESENT: Board members Larry Lacer, Chuck Childress, Clerk Treasurer Tammy Boruff and City Attorney Mark Phillips.

ABSENT: Mayor Charlie Wyatt

Larry Lacer called the meeting to order and asked all who wished to join in the Pledge to the Flag.

APPROVAL OF PREVIOUS MINUTES: Chuck Childress made a motion to approve the minutes of August 24, 2016. Larry Lacer seconded and the motion carried 2-0.

New Business: Pastor Mike Baskett from Living Word Church 1922 Rockport Rd was present to ask that the board take a look at the water bill for the church it has went from on average \$45.00 to \$508.07, there has been work done on a leak down the road Mr. Baskett presented a letter with all the information in it and asked for an investigation into this problem.

Chuck Childress made a motion to approve a sign to be set up on the corner of 2nd and Locust and 3rd and Main from September 10, 2016 to October 10, 2016 for Square Flair. Larry Lacer seconded and the motion carried 2-0.

Chuck Childress made a motion to approve a sign to be set up on the corner of Locust and 2nd St. from October 26, 2016 to November 26, 2016 to inform people about Holiday Bazaar at the Warrick County Museum. Larry Lacer seconded and the motion carried 2-0.

Old Business: None

Taps and Adjustments: Chuck Childress made a motion to approve a sewer capacity fee in the amount of \$8531.25 for Lincoln Industries 110 W Division St. additional storage 13,125 sq. ft. Larry Lacer seconded and the motion carried 2-0.

Chuck Childress made a motion to approve a Long Tap for Dave Heuring Boonville New Harmony Rd. Larry Lacer seconded and the motion carried 2-0

Chuck Childress made a motion to approve an adjustment for Richard Holtzclaw 217 E Centennial Ave. for faulty equipment. Larry Lacer seconded and the motion carried 2-0.

Chuck Childress made a motion to approve an adjustment for JoAnn Parson 415 E Gough Ave Hidden Leak. Larry Lacer seconded and the motion carried 2-0.

Departmental Reports: Fire Chief Steven Byers reported they have had 97 calls last month they are doing maintenance on their equipment, and Wes Williams a volunteer fireman has resigned and they have hired Melvin Tapley.

Chuck Childress made a motion to approve a loft pole mount at the Fire Department in the amount of \$2774.00 from Husks Signs (was only able to get one quote). Larry Lacer seconded and the motion carried 2-0.

Sam Still is retiring January 13, 2017 Chief Byers has asked if he could go ahead and get Zach Curry's paperwork sent to perf in October.

Chuck Childress made a motion to send Zach Curry's paperwork in to Perf in October. Larry Lacer seconded and the motion carried 2-0.

Police Chief Daryl Saltzman reported that Officer Bryan McKain has taken over the role of School Resource Officer and the City will be reimbursed by the Warrick County School Corp. through a grant for his salary and benefits.

Officer Miller and Wells are doing well at the Academy.
Officer Jon Bruner has been assigned to investigation.

Chuck Childress made a motion to approve the following weed liens to be recorded in the Warrick County Recorder's Office and to be added as liens on their property bills.

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|-------------------------------------|---------------------------|----------|
| Audra Jo Miller & Melissa A Cameron | 825 S 3 rd St. | \$323.00 |
| Bryan D & Kimberly S Pierce | 702 N 2 nd St. | \$323.00 |
| Simuel W Hines | 523 S 7 th St. | \$323.00 |
| William D Collins | 312 S 5 th St. | \$323.00 |
| Sharon A Chase | 1003 Ann St. | \$323.00 |
| Henry & Kathy Zornes | 613 E Division St. | \$323.00 |
| George Albert & Doris Jean Kiper | 717 E Oak St. | \$323.00 |

Rebecca Mehling

| | |
|------------------|----------|
| 332 Hudspeth Ave | \$323.00 |
|------------------|----------|

Larry Lacer seconded and the motion carried 2-0.

Jeff Floyd asked if skunk removal is part of the cities removal in the annexed area. He was advised by Attorney Phillips to let the taxpayer know they will need to contact the Warrick County Animal Control because the city does not have an animal control department.

Shawn Wright from Veolia reported that next Thursday Clint from Midwestern would be here to get loan submitted to Rural Development by October 1st.

Westside sewers finished design & ready to push forward on permitting.
Edgewood Drive is 75% done on design.

A resident from Quail Crossing called and there is sewer coming out of a manhole the city has never accepted the sewer plans from the developer, and the developer needs to get certain items done before we can accept them.

CLERICAL ADJUSTMENTS: Chuck Childress made a motion to approve all properly documented clerical adjustments. Larry Lacer seconded and the motion carried 2-0.

APPROVAL OF CLAIMS: Chuck Childress made the motion to approve all properly documented claims. Larry Lacer seconded and the motion carried 2-0.

ADJOURNMENT: Chuck Childress made the motion to adjourn. Larry Lacer seconded and the motion carried 2-0.

Tammy Boruff
Clerk Treasurer

Larry Lacer
Board Member

**BOONVILLE BOARD OF WORKS
BOONVILLE CITY HALL
135 SOUTH SECOND STREET
BOONVILLE, INDIANA**

Wednesday September 28, 2016

4:00pm

PRESENT: Mayor Charles Wyatt, Board members Larry Lacer, and Clerk Treasurer Tammy Boruff.

ABSENT: City Attorney Mark Phillips, Chuck Childress

Mayor Wyatt called the meeting to order and asked all who wished to join in the Pledge to the Flag.

APPROVAL OF PREVIOUS MINUTES: Larry Lacer made a motion to approve the minutes of September 14, 2016. Mayor Wyatt seconded and the motion carried 2-0.

New Business: Mark Mayer submitted a request for closing of 2nd Street for Christmas in Boon-Village on December 2, 2016 from 5:30pm to 9:00pm.

Larry Lacer made a motion to approve the closing of 2nd Street on December 2, 2016 from 5:30pm to 9:00pm for Christmas in Boon-Village. Mayor Wyatt seconded and the motion carried 2-0.

Tony Givens is requesting to close North Street from Williams Street to 4th Street for a car show being put on by Transcendent Nursing Home.

Larry Lacer made a motion approve the closing of North Street from Williams to 4th for a car show. Mayor Wyatt seconded and the motion carried 2-0.

Mayor Wyatt submitted a purchase and sales agreement between City of Boonville and Miller Valentine for 1021 N 3rd St. and 608 N 3rd St.

Larry Lacer made a motion to approve the purchase and sale agreement between the City of Boonville and Miller Valentine subject to completion of purchase agreement as agreed upon by our city attorney. Charlie Wyatt seconded and the motion carried 2-0.

Mayor Wyatt submitted reimbursement from State of Indiana for water line relocation. Mayor Wyatt made a motion to submit two invoices to the state for reimbursement Invoice No.3 \$15,472.30 to Midwestern Engineers and Invoice No. 2 \$93,237.49 to Veolia Water for a total of \$108,709.79. Larry Lacer seconded and the motion carried 2-0

Old Business: The city requested three quotes for a kitchen at City Hall, one cannot do the kitchen until after the first of the year, one didn't respond with a bid and MJ Painting 719 N. 5th St had a quote of \$8475.00.

Mayor Wyatt made a motion to approve the bid from MJ Painting 719 N 5th St. in the amount of \$8475.00. Larry Lacer seconded and the motion carried 2-0.

5 minute recess

Reconvene

Taps and Adjustments:

Departmental Reports:

CLERICAL ADJUSTMENTS: Larry Lacer made a motion to approve all properly documented clerical adjustments. Mayor Wyatt seconded and the motion carried 2-0.

APPROVAL OF CLAIMS: Larry Lacer made the motion to approve all properly documented claims. Mayor Wyatt seconded and the motion carried 2-0.

ADJOURNMENT: Larry Lacer made the motion to adjourn. Mayor Wyatt seconded and the motion carried 2-0.

Tammy Boruff
Clerk Treasurer

Charles R Wyatt
Mayor

**BOONVILLE BOARD OF WORKS
BOONVILLE CITY HALL
135 SOUTH SECOND STREET
BOONVILLE, INDIANA**

Wednesday October 26, 2016

4:00pm

PRESENT: Mayor Charles Wyatt, Board members Larry Lacer, Chuck Childress and Mayor Assistant Sara Hurt.

ABSENT: City Attorney Mark Phillips

Mayor Wyatt called the meeting to order and asked all who wished to join in the Pledge to the Flag.

APPROVAL OF PREVIOUS MINUTES: Larry Lacer made a motion to approve the minutes of October 12, 2016. Chuck Childress seconded and the motion carried 3-0.

New Business: Street paving proposal, Chuck Childress made a motion to take the bids for the street paving proposal under advisement. Metzger \$99,450.00 base recommend \$148,822.50

E&B Paving \$184,680.00

JH Rudolph \$167,000.00

Larry Lacer seconded and the motion carried 3-0.

Shawn is looking at the short form agreement between Midwestern and the City of Boonville for water planning studies \$120,000.00 max cost to find the approach that would be the most cost efficient for the City of Boonville. Larry made a motion to approve the short form agreement between Midwestern and the City of Boonville for water planning studies with a \$120,000.00 max cost. Chuck Childress seconded and the motion carried 3-0.

Bids for a new printer for the billing department,

Hudson- no replacement

PC Quest- no replacement

HBM- \$2695.00 + \$175.00

Larry Lacer made a motion to approve HBM \$2695.00 + \$175.00 for the new printer for the billing department. Chuck Childress seconded and the motion carried 3-0.

Old Business:

Departmental Reports: Code Enforcement Officer Jeff Floyd presented a letter from Keith Raibley 217 S 3rd St. about the deterioration of property located at 215 S 3rd St. Shawn Wright suggest looking at the structure of the property in question and sending to attorney and contacting Jess from Structure Point.

Taps and Adjustments: Chuck Childress made a motion to approve the sewer tap for Renewable Resources 1111 S Pelzer Rd in the amount of \$8542.50 Larry Lacer seconded and the motion carried 3-0.

Chuck Childress made a motion to approve a 1" water tap for Renewable Resources 1111 S. Pelzer Rd. Larry Lacer seconded and the motion carried 3-0.

CLERICAL ADJUSTMENTS: Chuck Childress made a motion to approve all properly documented clerical adjustments. Larry Lacer seconded and the motion carried 3-0.

APPROVAL OF CLAIMS: Larry Lacer made the motion to approve all properly documented claims. Chuck Childress seconded and the motion carried 3-0.

ADJOURNMENT: Larry Lacer made the motion to adjourn. Chuck Childress seconded and the motion carried 3-0.

Sara Hurt
Mayor's Assistant

Charles R Wyatt
Mayor

**BOONVILLE BOARD OF WORKS
BOONVILLE CITY HALL
135 SOUTH SECOND STREET
BOONVILLE, INDIANA**

Wednesday November 9, 2016

2:30 pm

PRESENT: Mayor Charles Wyatt, Board members Larry Lacer, Chuck Childress and Clerk Treasurer Tammy Boruff

ABSENT: City Attorney Mark Phillips

Mayor Wyatt called the meeting to order and asked all who wished to join in the Pledge to the Flag.

APPROVAL OF PREVIOUS MINUTES: Chuck Childress made a motion to approve the minutes of October 26, 2016. Larry Lacer seconded and the motion carried 3-0.

New Business: Mayor Wyatt submitted a letter from the Warrick County Museum to place signs at the NE and the SW corners of the square for the Teddy Roosevelt event the signs which will be on the corners from 12-21-2016 thru 1-21-2016.

Larry Lacer made a motion to approve the Warrick County Museum to place signs on the NE and SW corners to advertise the Teddy Roosevelt Event from 12-21-2016 thru 1-21-2016. Chuck Childress seconded and the motion carried 3-0.

Mayor Wyatt submitted two bids for street paving for Bob Canadas district they were left off the grant program by mistake so they will be paid out of Local Road and Street and the General Fund, three bids were requested but only two responded.

Metzger: Perkins/South 4th St. \$26,747.20

Metzger: South 4th/Monroe \$9993.00

Total \$36,740.20

JH Rudolph: South 4th St/Monroe \$22,500.00

JH Rudolph: Perkins/South 4th St. \$50,900.00

Total: \$73,400.00

Larry Lacer made a motion to take the bids under advisement. Chuck Childress seconded and the motion carried 3-0.

Mayor Wyatt presented an agreement with AT&T for custom work to relocate AT&T aerial facilities 2nd St./Johnson Park in the amount of \$4752.81.

Larry Lacer made a motion to approve the \$4752.81 for the relocation of AT&T aerial facilities pending approval of the RDC. Chuck Childress seconded and the motion carried 3-0.

Mayor Wyatt presented a contract/service agreement for Victoria National sewer project, from Quail Crossing to Victoria National in the amount of \$165,900.00. Attorney Mark Phillips has reviewed and is in order to approve.

Chuck Childress made a motion to approve the contract/service agreement for the Victoria National sewer project. Larry Lacer seconded and the motion carried 3-0.

Old Business: None

Departmental Reports: Fire Chief Steven Byers is requesting a no parking area on the east side of 2nd St. South of Hammond St. because the fire trucks cannot make the turn onto south 2nd St. from Hammond to the South. Steven will measure the distance and get back with the board at the next meeting.

Zach Curry has completed his Perf testing the local pension board will meet on 11-15-2016. Once he is approved by the local pension board the results will be sent to perf for the approval.

Fire Chief Steven Byers presented two quotes one from Motorola for financing new 800 MHz radios in the amount of \$116,896.77 in preparation to move onto the statewide P2S system and second one from VEI Communications for \$51,465.00 + \$64,895.00 = \$116,360.00.

Larry Lacer made a motion to purchase the Radios from Motorola because the VEI are not approved on the state system. Chuck Childress seconded and the motion carried 3-0.

Steven presented bids for new gutters on the fire house.

Layman: \$7695.00

HiTech: \$4075.00

Midwest: no quote

Chuck Childress made a motion to approve Hi-Tech in the amount of \$4075.00 for new gutters for the fire house. Larry Lacer seconded and the motion carried 3-0.

November 30, 2016 at 9:00am is the county wide hazardous material drop off day.

December 7th is the door to door smoke detector campaign joined with the American Red Cross.

Larry Lacer made a motion to approve the door to door smoke detector campaign with American Red Cross. Chuck Childress seconded and the motion carried 3-0.

Chuck Childress made a motion to start the process of leasing two more vehicles for the Police Department. Larry Lacer seconded and the motion carried 3-0.

Micah Mangas and Adam Wilmes will be removed from probationary status on 11-14-2016.

Chuck Childress made a motion to approve the Code Enforcement Liens. Larry Lacer seconded and the motion carried 3-0.

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| Abigail L Leathco: | 224 E Sycamore St. | \$2578.85 |
| Rebecca Mehling: | 332 Hudspeth Ave. | \$323.00 |
| George Albert & Doris Jean Kiper: | 717 E Oak St. | \$323.00 |
| Carrie Ann & Thomas Scott Simpson: | 1103 N 3 rd St. | \$323.00 |
| John M Graybill: | 322 Moore St. | \$323.00 |
| Audra Jo Miller & Melissa A Cameron: | 825 S 3 rd St. | \$323.00 |
| William D Collins: | 312 S 5 th St. | \$323.00 |
| Sharon A Chase: | 1003 Ann St. | \$323.00 |
| Carolyn Sue Monarch: | 824 S 5 th St. | \$323.00 |
| Bryan D & Kimberly S Pierce: | 702 N 2 nd St. | \$323.00 |
| Simuel W Hines: | 523 S 7 th St. | \$323.00 |
| Henry & Kathy Zornes: | 613 E Division St. | \$323.00 |
| John A & Bonnie M Cundiff: | 408 E Chestnut St. | \$323.00 |

Shawn Wright with Veolia updated the board on the New Harmony water project there is still is still one tap that needs to be complete.

The Rural Development application is in process the public hearing is today at 5:00pm.

West side sewers design is finished and will be submitted for IDEM permits in November.

A meeting is being set up with INDOT about the Legion drainage problem.

Leaf pick up starts next week.

Taps and Adjustments: Chuck Childress made a motion to deny a sewer adjustment for Bob Goller 1733 Arrowhead Dr. because it is under the \$50.00 limit. Larry Lacer seconded and the motion carried 3-0.

Larry Lacer made a motion to deny a sewer adjustment for Kristine Sanders power of attorney for Donell Fulkerson 410 S 7th St. because it doesn't meet the parameters of the city ordinance. Chuck Childress seconded and the motion carried 3-0.

Larry Lacer made a motion to approve the sewer adjustment for Heather Hart 1201 Christopher Dr. Hidden Leak in the amount of \$108.69. Chuck Childress seconded and the motion carried 3-0.

CLERICAL ADJUSTMENTS: Larry Lacer made a motion to approve all properly documented clerical adjustments. Chuck Childress seconded and the motion carried 3-0.

APPROVAL OF CLAIMS: Chuck Childress made the motion to approve all properly documented claims. Larry Lacer seconded and the motion carried 3-0.

ADJOURNMENT: Larry Lacer made the motion to adjourn. Chuck Childress seconded and the motion carried 3-0.

Tammy Boruff
Clerk Treasurer

Charles R Wyatt
Mayor

**SPECIAL BOONVILLE BOARD OF WORKS
BOONVILLE CITY HALL
135 SOUTH SECOND STREET
BOONVILLE, INDIANA**

Wednesday November 9, 2016
4:00 pm

PRESENT: Mayor Charles R. Wyatt and Board of Works Member Chuck Childress and Mayor Assistant Sara Hurt and Attorney Brennan Phillips.

ABSENT: Attorney Mark Phillips, Larry Lacer and Clerk-Treasurer Tammy Boruff were at another meeting.

Mayor Charles Wyatt called the meeting to order.

New Business: Mayor Charles R. Wyatt reported there were three proposal bids that were sent for Paving Projects for 2016 that consisted of 8 projects. The original bids done on October 26th, 2016 was thrown out because did advertise properly. Attorney Brennan Phillips opened the three bids and read as follows:

Metzger Construction Co., Inc. Total Base Bid \$99,355 Total Base Bid plus Recommended Alternates \$148,722.50 (which was stated by Tim Metzger that his bid of \$148,722.50 will not change even if the price changes)

JH Rudolph & Co., Inc. \$167,000.00

E& B Paving Inc. \$119,650.00

Chuck Childress made a motion to approve Metzger Construction Co., Inc. for \$148,722.50 because it is the most responsive bid seconded by Mayor Charles Wyatt motion carried 2-0 passed

ADJOURNMENT: Chuck Childress made the motion to adjourn. Mayor Charles R. Wyatt seconded and the motion carried 2-0.

Sara Hurt
Mayor's Assistant

Charles R. Wyatt
Mayor

BOONVILLE BOARD OF WORKS
BOONVILLE CITY HALL
135 SOUTH SECOND STREET
BOONVILLE, INDIANA
Public Hearing
Wednesday November 9, 2016
5:00 pm

PRESENT: Board of Works members present: Mayor Charles Wyatt, Chuck Childress, Larry Lacer, City Council members Mike Webb, Steve Byers, David Talley, Bob Canada and Clerk Treasurer Tammy Boruff, Clint Roos Midwestern Engineer, Shawn Wright of Veolia

ABSENT: City Attorney Mark Phillips

Mayor Wyatt called the meeting to order and asked all who wished to join in the Pledge to the Flag.

Mayor Wyatt stated that this is a Public Information meeting and notice of intent to file application for City of Boonville for funding through the United States of America Department of Agriculture Rural Development to provide Water System Improvements.

Clint Roos, of Midwestern Engineering explained the current situation and improvements planned for the system. Improvements include construction of a new water supply well, replacement of a 16-inch water main, rehabilitation of a 500,000 gallon water storage tank, replacement of a booster station, and a water meter replacement program.

Clint Roos opened the Public Hearing and asked for comments:

Thomas Hess, 711 Gough Ave., asked why we can't use the Badger Meters we have currently. Shawn Wright said the meters are not adequate and the state is telling us there are meters that are inactive and we need to get them replaced. Thomas Hess wanted to know if any of this money was going to Victoria? Shawn Wright said no.

Clint Roos closed the public hearing.

Old Business: None

See attachment A for project list and attachment B for sign in list

Meeting was adjourned

Tammy Boruff
Clerk Treasurer

Charles R Wyatt
Mayor

Attachment A

**PUBLIC INFORMATION MEETING / HEARING &
NOTICE OF INTENT TO FILE APPLICATIONS FOR FUNDING THROUGH
USDA RURAL DEVELOPMENT & DRINKING WATER STATE REVOLVING FUND
FOR THE CITY OF BOONVILLE
WATER SYSTEM IMPROVEMENTS
NOVEMBER 9, 2016
5:00 P.M.**

I. Introduction

This is a Public Information Meeting, Hearing & Notice of Intent to File Applications for Funding Through USDA Rural Development & Drinking Water State Revolving Fund For The City of Boonville for a Water System Improvements Project. There is a sign in sheet for this public meeting. Please sign the sign-in sheet and pass it around to everyone.

II. Existing Facilities and Need For Project

A. Water Supply Facilities

The City of Boonville obtains all of its water supply from its wellfield located outside of City Limits on the south side of Little Pigeon Creek in Spencer County. The wellfield was developed in 1976. The City owns, operates, and maintains five (5) active supply wells in the wellfield. Wells No. 5, No. 7, No. 8 and No. 9 have rated capacities of 600 gpm. Well No. 6 is approximately 300 gpm. Three of the larger wells operate at 550 gpm each. With one of the largest wells out of service, the total capacity of the wellfield is 1,950 GPM or 2,808,000 GPD over a full 24 hour day. Raw water from the wellfields is transported via an 18-inch transmission main to the clearwell and water treatment plant. Well No. 7 has been sucking sand and it is only a matter of time before the well will be inoperable or under the influence of surface water. If the City has to decommission this well, and one of the larger wells were taken out of service, the capacity of the wellfield will be 1,400 GPM or 2,016,000 GPD over a full 24 hour day.

B. Water Treatment Facilities

The water treatment facility for the City of Boonville was constructed in 2008 and is south of the City of Boonville outside of City Limits. Raw water is pumped from the wells via an 18-inch transmission main into a detention tank. A 2,000 gpm aerator sits on top of this tank. The water then flows through three (3) vertical pressure filters and into a 720,000 gallon ground water pre-stressed concrete clearwell. There are three high service pumps that pump the water through approximately 4 miles of 18-inch water transmission main into the Boonville distribution system. Each main high service pump and filter has a rated capacity of 1,000 gpm. With one pump and filter out of service the treatment facility has an average design capacity of 2,000 GPM or 2,880,000 GPD. There are also two high service pumps rated for 200 gpm that pump water to Yankeetown water. These pumps pump water to Yankeetown through a dedicated 8-inch water main. The water treatment plant has ton cylinder chlorination facilities that inject chlorine at the head of and end of the treatment facilities. They also inject a polyphosphate to assist in iron and manganese removal and sodium hypofluorosilic acid.

C. Water Storage Facilities

The City of Boonville owns, operates, and maintains three (3) water storage tanks within the distribution system. All three tanks are at approximately the same overflow elevation, float with each other, and are 500,000-gallon elevated water storage tanks. The South tank was built in 1966 and completely blasted and repainted in 2008. The West tank was constructed in 2007 and both the exterior and interior of the tank appear to be in good condition. The North tank was constructed in 1998 and the original paint coating system still exists on this storage tank. The

Attachment A

exterior and interior of the tank is covered with a failing epoxy coating. Repainting and rehabilitation of the tank is necessary in the near future as the tank is showing signs of rust and deterioration.

The total storage tank capacity of the three (3) tanks above is 1,500,000 gallons. The available water storage provides the recommended 1 to 2 days storage within a system based on existing conditions and is anticipated to provide near the projected demand for 2036.

D. Water Distribution System

The City of Boonville's distribution facilities consist of over 50 miles of mostly 2-inch through 10-inch water mains. Piping has been added over time as the City expanded. The majority of the distribution system consists of cast iron water mains. More recently, constructed mains are PVC or ductile iron. There are some older asbestos cement water mains within the system. There are two (2) finished water booster stations. The Eby Road booster station has a reported capacity of 40 GPM and is located at the intersection of Eby Road and Folsomville Road. It pumps water to the higher terrain areas on the North side of the City. The FOP booster station is located along Owensboro Road, just south of Maple Grove Road and pumps water to the higher terrain areas South of the city mainly on Mt Gilead Road. The high service pumps at the water treatment plant, which are controlled by telemetry at the South tank, pump water directly into the distribution system. All three elevated water storage tanks are at approximately the same overflow elevation and float with each other.

The majority of the distribution system is in good condition, requiring only routine maintenance with the exception of a 16-inch main in the downtown part of the city. This main runs down an alley and a portion of it is under a building. The main is also over 10 feet deep in areas; therefore, making repairs costly and more difficult to complete. In some areas repairs would not be able to be completed at all due to it being under the building or in close proximity to existing structures.

A water loss audit was completed for the City in 2012. At the time of the audit the water loss for Boonville was approximately 40% and now for 2015 the water loss is approximately 27%. The main recommendation that has not been implemented is to replace all of the meters with a new automated metering reading system (AMR). Customer meters are over 15 years old which is the typical life expectancy of meters. The meters are also manual read which is costly from a labor perspective and has an increased risk of manual errors. Not replacing the meters will result in continued "high" water loss, continued labor cost for manual reading, and the increased opportunity for manual errors.

III. Proposed Project

The proposed project consists of constructing one (1) new water supply well, replacement of the Eby Road booster station, replacement/relocation of approximately 2,600 feet of water distribution mains, replacement of approximately 3,600 water meters, and rehabilitation of the North elevated water storage tank.

Project Costs

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|---|------------------------|
| DIVISION I – WELLFIELD IMPROVEMENTS | \$ 275,000.00 |
| DIVISION II – NORTH WATER STORAGE TANK REHABILITATION | \$ 412,000.00 |
| DIVISION III – WATER DISTRIBUTION IMPROVEMENTS | \$ 372,000.00 |
| DIVISION IV – EBY ROAD BOOSTER STATION IMPROVEMENTS | \$ 220,000.00 |
| DIVISION V – NEW METERING SYSTEM | <u>\$1,978,000.00</u> |
| SUBTOTAL CONSTRUCTION COST | \$3,257,000.00 |
| NON-CONSTRUCTION COST | <u>\$ 619,000.00</u> |
| TOTAL PROJECT COST | <u>\$ 3,876,000.00</u> |

Attachment A

IV. Conclusion

The Preliminary Engineering Report concludes that the recommended project is needed to insure that the City of Boonville is able to provide its water customers with a safe and reliable service in the years to come.

**SIGN-IN SHEET FOR
PUBLIC INFORMATION MEETING / HEARING &
NOTICE OF INTENT TO FILE APPLICATIONS FOR FUNDING THROUGH
USDA RURAL DEVELOPMENT & DRINKING WATER STATE REVOLVING FUND
FOR THE CITY OF BOONVILLE
WATER SYSTEM IMPROVEMENTS
NOVEMBER 9, 2016
5:00 P.M.**

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