

BILL NO. 18-14

ORDINANCE NO. 2150

AN ORDINANCE TO AUTHORIZE THE MAYOR TO SIGN THE STATE REVOLVING LOAN FUND APPLCIATION FOR THE WASTEWATER TREATMENT PLANT AND SEWER COLLECTION SYSTEM IMPROVEMENTS

BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF WARRENTON MISSOURI, AS FOLLOWS:

SECTION I: That the Mayor is hereby authorized to sign on behalf of the City of Warrenton the State Revolving Loan Fund application for the wastewater treatment plant and sewer collection system improvements. A copy of said agreement is attached hereto as Exhibit "A" and made a part hereof by reference.

SECTION II. If any section, subsection, sentence, clause, phrase or portion of this amendment is for any reason held invalid or unconstitutional by a judgment of a court of competent jurisdiction, as to which not further appeal right exists, such portion shall be deemed separate, distinct and independent provision and such holding shall not affect the validity or remaining portions hereof.

SECTION III. All ordinances or parts of ordinances in conflict with this Ordinance are hereby repealed.

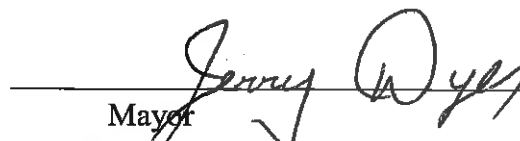
SECTION IV. This Ordinance shall take effect and be in full force from and after passage and approval thereof.

READ TWO TIMES AND PASSED by the Board of Aldermen of the City of Warrenton, Missouri, this 4th day of March, 2014.



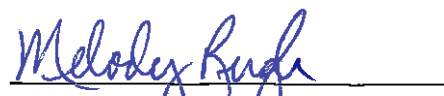
President of the Board of Aldermen

APPROVED BY THE MAYOR of the City of Warrenton, Missouri, this 4th day of March, 2014.



Mayor

ATTEST:



City Clerk



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 WATER PROTECTION PROGRAM, FINANCIAL ASSISTANCE CENTER
CLEAN WATER STATE REVOLVING FUND LOAN APPLICATION

Submit to: P.O. Box 176, Jefferson City, MO 65102-0176
 ATTN: Financial Assistance Center

FOR OFFICE USE ONLY

DATE RECEIVED
PROJECT NUMBER
PRIORITY POINTS

This application is for a Clean Water State Revolving Fund Loan described in 10 CSR 20-4.040

APPLICANT INFORMATION

1. NAME OF APPLICANT CITY OF WARRENTON	DUNS NUMBER 555951370
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Incorporated Municipality Public Water/Sewer District Other:

APPLICANT TELEPHONE NUMBER WITH AREA CODE (636) 456-3535 Ext.	APPLICANT FAX NUMBER WITH AREA CODE
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APPLICANT MAILING ADDRESS
200 West Booneslick Road

CITY Warrenton	STATE MO	ZIP CODE + FOUR 63383-1915	COUNTY Warren
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AUTHORIZED REPRESENTATIVE NAME Jerry Dyer	AUTHORIZED REPRESENTATIVE TITLE Mayor
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2. NAME OF PERSON TO CONTACT ABOUT THIS APPLICATION Terri Thorne	TELEPHONE NUMBER WITH AREA CODE (636) 456-3535 Ext.
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3. CONSULTING ENGINEER
Gonzalez Companies LLC

CONSULTANT MAILING ADDRESS
1750 S. Brentwood Blvd, Suite 799

CITY St. Louis	STATE MO	ZIP CODE + FOUR 63144-1343
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CONSULTANT TELEPHONE NUMBER WITH AREA CODE (314) 961-1888 Ext. 213	CONSULTANT FAX NUMBER WITH AREA CODE (314) 961-1814
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4. POPULATION (CURRENT CENSUS) 2012 - 7982 Warrenton, 721 Truesdale	POPULATION OF AREA TO BE SERVED 8,708
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5. STATE SENATE DISTRICT NUMBER(S) 010	STATE REPRESENTATIVE DISTRICT NUMBER(S) 042
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6. PROPOSED PROJECT INFORMATION

Point Source Project Non-Point Source Project

<input type="checkbox"/> Green Project Components (See Instructions)	Decentralized/Cluster Wastewater System	<input type="checkbox"/>
	On-Site System Rehabilitation/Replacement	<input type="checkbox"/>
	Other Non-Point Source Project	<input type="checkbox"/>

Project Description. Include Green Project Components, if applicable (Attach Engineering Report):
 See Attached Exhibit "A" for Phase One Project Descriptions from the 5-Year Capital Improvement Plan

PERMIT INFORMATION. Factor A at 10 CSR 20-4.010 (1)(A)

7. List National Pollutant Discharge Elimination System, or NPDES, Permit Number(s) of Water or Wastewater facilities affected by this project:

MO-0087912		

8. List Non-Permitted facilities to be eliminated by this project (attach list if necessary):

Name	Population Served	Type and Condition of Facility

PROJECT COST INFORMATION			
9. Cost Estimate Dated: 03/01/2014		10. Cost Breakdown for Designated Categories	
Engineering Planning and Design	\$ 442,410.00	I. Secondary Treatment	\$ 1,176,605.00
Engineering (Construction Phase)	\$ 294,540.00	II. Advanced Treatment	\$
Engineering Inspection	\$ 384,200.00	IIIA. Inflow/Infiltration Correction	\$
Land and Easements*	\$ 480,340.00	IIIB. Sewer Rehabilitation	\$
Construction	\$ 5,785,500.00	IVA. Collection Sewers	\$
Equipment <i>SEE ATTACHED EXPLANATION</i>	\$ 37,000.00	IVB. Interceptor Sewers	\$ 7,087,325.00
SRF Closing Costs (estimate 3 percent)	\$ 223,950.00	V. Combined Sewer Overflow Correction	\$
Other Costs (specify) <i>SEE ATTACHED EXPLANATION</i>	\$ 241,590.00	VI. Storm Water	\$
Contingencies	\$ 944,100.00	VII. Non-Point Source	\$
Total Project Costs	\$ 8,843,930.00	Total Project Costs	\$ 8,843,930.00
Funding From Other Sources	\$		
Funding Request (this application only)	\$ 8,843,930.00		

* These costs are generally not eligible for CWSRF funding

11. DEBT INSTRUMENT	
A. Bonds	B. Capital Improvements Sales Tax
Date of Bond Election APRIL 15, 2014	Date of Election
Type of Bond REVENUE	Dedicated? <input type="checkbox"/> Yes <input type="checkbox"/> No
Amount of Bond \$ 15,500,000.00	Sunset Provision? <input type="checkbox"/> Yes <input type="checkbox"/> No
C. Other (specify):	

12. APPLICANT FINANCIAL INFORMATION Factor C at 10 CSR 20-1.010(1)(A)3	
A. Median Household Income (from census) \$ 39,970	
B. Current monthly sewer use rate (for 5,000 gallons) \$ 22.12	Proposed sewer rate (for 5,000 gallons) To Be Determined
C. Sewer revenues for most recent year ended \$ 1,043,253	Most recent year's date of data used 06/01/2013
D. Sewer operating expenditures for most recent year \$ 614,790	

13. BOARD TRAINING Factor C at 10 CSR 20-1.010(1)(A)3

List any board training(s) related to wastewater utility management that current board members have attended in the last three years.

NONE

14. WATERSHED INFORMATION Factor A at 10 CSR 20-4.010 (1)(A) and Factor E at 10 CSR 20-4.010 (1)(A)5

WATER BODY AFFECTED BY PROPOSED PROJECT Unnamed tributary to Hickory Lick Creek First Classified Stream and ID: Big Creek (0207) USGS Basin & Sub-Watershed: 07110008-0404	<input type="checkbox"/> Check if this is the receiving water body <input type="checkbox"/> Check if the body is classified <input checked="" type="checkbox"/> If affected water body is not classified, provide the nearest downstream water body
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Is proposed project identified in a multi-jurisdictional area watershed plan? Yes No If yes, provide a copy of the plan.

Does the proposed project serve more than one community? Yes No If yes, identify communities:

Warrenton	Truesdale	
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Does the proposed project eliminate the need for multiple wastewater treatment facilities? Yes No

Does the proposed project address groundwater pollution? Yes No

GROUNDWATER IS USED FOR:

OTHER PROBLEMS ADDRESSED:

15. PROJECT TYPE (CHECK ALL THAT APPLY) Factor B at 10 CSR 20-4.010 (1)(A)2

Combined sewer overflow/sanitary sewer overflow Number of overflows per year: _____

Wastewater Treatment Facility (specify) Has antidegradation report been submitted? Yes No N/A

- New facility
- Increase capacity/increase level of treatment
- Rehabilitation/process improvement

Failing or failed on-site wastewater disposal system Percentage of systems failing: _____ %

- On-site system replacement/rehabilitation
- Construction of a decentralized wastewater system
- New collection system

Collection system rehabilitation primarily to address inflow/infiltration

New collection system

Upgrade or expansion of existing collection system

Storm water detention

Agricultural Best Management Practice

Landfill capping, leachate collection, side slope seepage prevention and control system, and monitoring wells

The project addresses groundwater pollution by: Factors E at 10 CSR 20-4.010 (1)(A)5

- Addressing problems caused by petroleum storage tanks
- Addressing problems caused by a hazardous waste site participating in the department's Voluntary Cleanup Program
- Addressing water quality problems caused by inadequate landfill leachate collection systems

The project considers aquatic/riparian habitat by: Factor F at 10 CSR 20-4.010(1)(A)6

- Including measures to restore aquatic/riparian habitat and/or to prevent aquatic/riparian degradation

16. PROJECT SCHEDULE (READINESS TO PROCEED) Factor C at 10 CSR 20-4.010(1)(A)3

Milestone	Anticipated Date
A. Antilegradation report submitted (for any new, expanded or upgraded wastewater treatment plant)	06/30/2014
B. Engineering Report and Facility Plan complete	04/14/2014
C. All other funding is secured (if necessary, bonds are voided)	05/01/2014
D. Engineering Plans and Specifications complete	01/01/2017
E. Construction start date	01/01/2015
F. Mandatory completion date (attach copy of compliance schedule)	09/01/2017

17. THE FOLLOWING INFORMATION IS REQUIRED BY 10 CSR 20-4.040(6) AND MUST BE INCLUDED WITH THIS APPLICATION FORM:

- A project summary that includes the need for the project:
 - The project components including maps or drawings showing the project location
 - A cost estimate including a cost breakdown
- The most recent financial statement
- Proposed project schedule including:
 - Construction start date defined as the date of notice to proceed
 - Construction completion
 - Initiation of operation
 - Project completion

18. SUPPLEMENTAL INFORMATION - DOCUMENTATION MUST BE ATTACHED Factor C at 10 CSR 20-4.010(1)(A)3

- User charge system budgets showing revenues and expenses for the past five years.
- Documentation showing that an inflow/infiltration reduction program has been in place for the past five years.
- Water or Energy Conservation Plan
- Proposed project is specifically identified in the applicant's master wastewater or capital improvement plan. (Master wastewater or capital improvement plan should be for a period of five or more years)
- Documentation indicating the percentage of failed on-site wastewater disposal systems to be replaced or rehabilitated.

CERTIFICATION:

The undersigned representative certifies that the information submitted in this application is true and correct to the best of his/her knowledge and that he/she is authorized to sign and submit this application. The applicant agrees, if a loan is awarded on the basis of this application, to comply with all applicable terms, conditions and procedures of the Department of Natural Resources, the applicable rules and regulations of the Missouri Clean Water Commission and the terms and conditions of the loan agreement. **Incomplete applications will be returned.**

SIGNATURE OF AUTHORIZED REPRESENTATIVE	DATE 03/04/2014
NAME AND OFFICIAL TITLE (TYPE OR PRINT) Jerry Dyer, Mayor	TELEPHONE NUMBER WITH AREA CODE (636) 456-3535 Ext
PREPARED BY'S NAME AND SIGNATURE (IF APPLICABLE)	
SIGNATURE OF PREPARED BY <i>Jon A. Kromer</i>	DATE 3/3/2014
NAME AND TITLE (PRINT OR TYPE) Jon A. Kromer, P.E. City Consulting Engineer	TELEPHONE NUMBER WITH AREA CODE (314) 961-4588 Ext 213



www.gonzalezcos.com

**Warrenton Wastewater System 5-Year Capital Improvements Plan
 Budgetary Projects List**

13-209

February 25, 2014

Priority Rank	Proposed 5-Year Capital Improvement Projects	Estimated Project Cost	Aggregate Total
1	Water Street Lift Station and Force Main Replacement Replacement of the existing Water Street Lift Station and the installation of over 4,000 linear feet of 16-inch sewer force main, which includes a bored and cased crossing under existing railway. The budgetary cost assumes a general contractor will be retained to perform all of the work.	\$2,720,000	\$2,720,000
1	East Interceptor Capacity Upgrade Installation of over 11,000 linear feet of 24-inch and over 4,000 linear feet of 21-inch gravity sanitary sewer to supplement the existing 18-inch gravity sanitary sewer East Interceptor, including the cost of a bored and cased crossing under I-70. The budgetary cost assumes a general contractor will be retained to perform all of the work.	\$4,430,000	\$7,150,000
1	Wastewater Treatment Plant (WWTP) Headworks Upgrade Replacement of the existing WWTP bar screen with a manually-cleaned bar screen at the existing WWTP influent lift station, and the addition of a new channel for a new perforated plate fine screen and screenings washer/compactor. Additional improvements include the installation of a metering station for the excess flow basin return to improve WWTP process monitoring.	\$1,100,000	\$8,250,000
TOTAL PROJECT COST		\$8,250,000	

Please note that the prioritization ranks for the listed projects are based on input from representatives of the City of Warrenton, and observations of the respective components by Gonzalez Companies.

CITY OF WARRENTON, MO

CLEAN WATER STATE REVOLVING FUND LOAN APPLICATION MO 780-1951 (05/11)

EXPLANATION OF EQUIPMENT AND OTHER COSTS

Under Item 9 – Cost Estimate, please understanding the following:

1. In the line labelled "Equipment", we have cross through equipment and have substituted

Survey	\$ 19,000.00
Geotechnical Investigation	<u>\$ 18,000.00</u>
Total line item =	\$ 37,000.00

2. Other Costs

In the line labelled "Other Costs", we have included:

Underwriter's Discount	\$114,875.00
Insurance Cost	\$ 50,000.00
Reserve Fund	<u>\$ 76,815.00</u>
Total line item =	\$241,690.00

CITY OF WARRENTON, MO

CLEAN WATER STATE REVOLVING FUND LOAN APPLICATION MO 780-1951 (05/11)

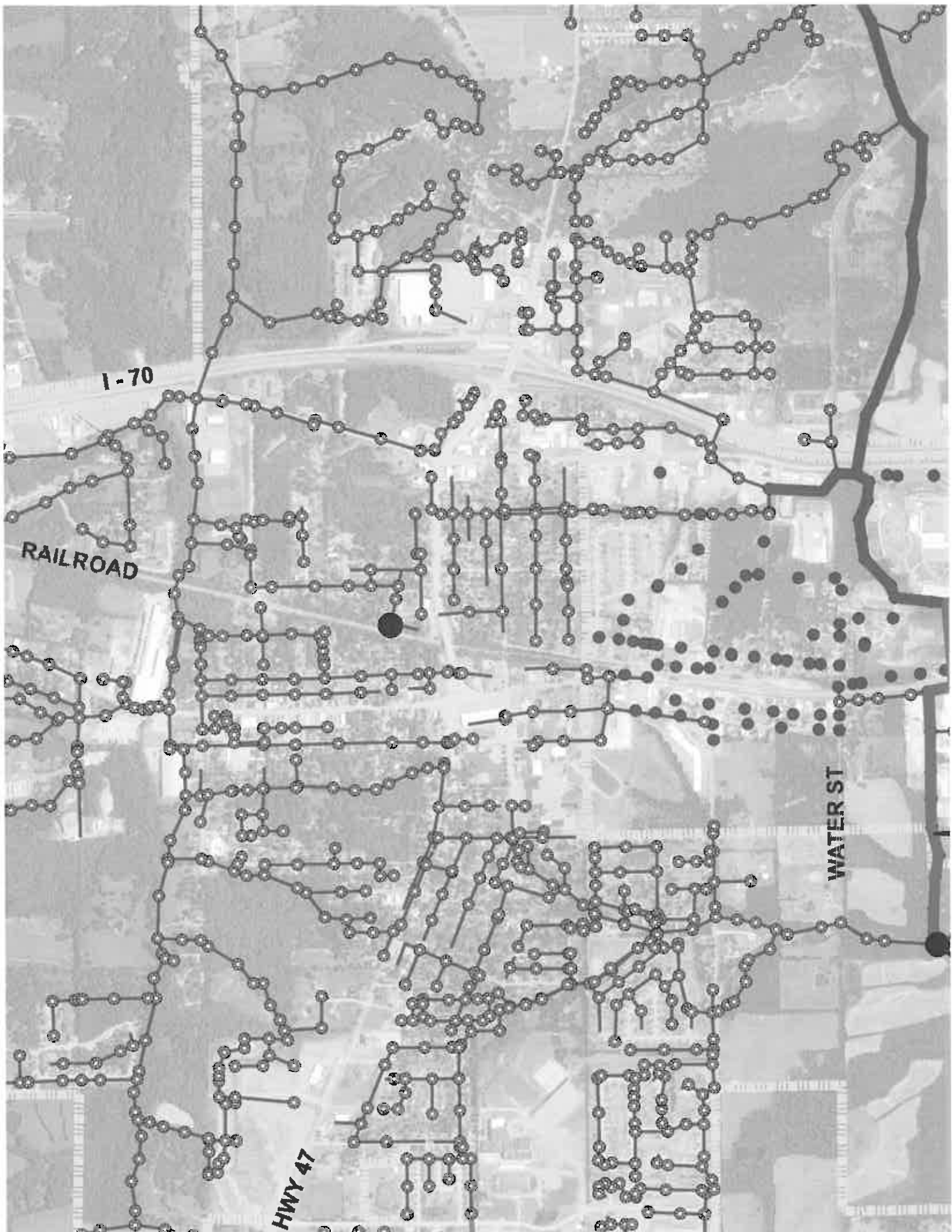
ADDITIONAL INFORMATION

Page 4, Under Item 17, Most recent financial statement: We have attached the audited financial report for FYE 6/2013

Page 4, Under Item 18, user charge system budgets showing revenues and expenses;;we have attached five years of Budget Reports

Page 4, Under Item 18, documentation that an inflow/infiltration reduction program has been in place for at least 5 years, we are attaching 5 years of CMOM reports.

Page 4, Under Item 18, proposed project is specifically identified in the applicant's master wastewater or capital improvement plan. The proposed project is Phase One of the 15-year CIP. The final CIP will be completed and submitted April 14, 2014.



I-70

RAILROAD

HWY 47

WATER ST