



State Revolving Fund Loan Programs Drinking Water, Wastewater, Nonpoint Source

PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

**CITY OF ANDERSON
Sludge Storage Improvements and
Sewer Televising and Condition Assessment
SRF # WW09 204802**

Date: September 21 , 2010

Target Project Approval Date: September 22, 2010

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the City of Anderson Preliminary Engineering Report submitted to the SRF on March 12, 2009 and updated on August 20, 2010 will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

How were environmental issues considered?

The National Environmental Policy Act (NEPA) requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an EA or an EIS.

Why is additional environmental review not required?

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

How do I submit comments?

Comments can be submitted to:

Amy Henninger, Senior Environmental Manager
SRF Programs
317-232-6566; ahenning at ifa.in.gov

CATEGORICAL EXCLUSION

I. PROJECT IDENTIFICATION

Project Name and Address: **Sludge Storage Improvement
and Sewer Televising Projects**
120 East 8th Street
Anderson, IN 46018

SRF Project Number: WW 092048 02

Authorized Representative: Mr. C. Gregory Graham, President
Board of Public Works

II. PROJECT LOCATION

The City of Anderson is located in Madison County, Indiana. The proposed Sludge Storage Improvement Project will occur at the Anderson Water Pollution Control Plant (WPCP) located at 2801 Gene Gustin Way on the northwest quarter of the Anderson South quadrangle Section 11, Township 19 North, Range 7 East (Figure 1). Figure 2 shows the site plan including the location of the Sludge Storage Building and the Sludge Storage Tanks where the proposed project will occur.

The proposed Sewer Televising and Condition Assessment Project will address all sewers 24-inches in diameter and larger over a wide area of the city of Anderson (Figure 3).

III. PROJECT NEED AND PURPOSE

A. Sludge Storage Improvement Project

In September 2002, the city of Anderson entered into a Federal Consent Decree with the United States Department of Justice, US Environmental Protection Agency (US EPA) and Indiana Department of Environmental Management (IDEM). The requirements of the Consent Decree addressed issues at the WPCP and in the collection system as well as development of the Combined Sewer Overflow (CSO) Long Term Control Plan (LTCP). This project is consistent with the consent decree, paragraph 25, Sludge Storage and the phase II recommendations to bring back Storage Tank 2 into service with improved operating characteristics. This requires replacement of the valves controlling the flow into and out of the Tank 2 and installing a mixing system in the tank, Tank 2 is currently unmixed. The existing decant system is not functional, thus no thickening of primary sludge is possible. The decant discharge point needs to be relocated to decrease head losses in the line and increase capacity.

Multiple feasible alternatives were evaluated for both mixing and decanting improvements. The least costly alternatives were selected for both mixing and decanting improvement. The selected alternative will combine the decant flows from both Tanks 1 and 2 and direct the flow

to the Main Plant Lift Station. This will require the replacement of a number of valves, piping modifications inside the existing Sludge Storage Building and the installation of new piping outside Tank 2. The selected plan will provide mixing in Tank 2 and improves the existing mixing in Tank1. To perform this work both tanks will be drained and sludge removed. New piping will be installed for the mixing in Tank 2, and the existing mixing piping in Tank 1 will be modified to improve the mixing level.

B. The Sewer Televising and Condition Assessment Project

There has been no routine televising in Anderson’s collection system. The City proposes to implement the sewer televising project to systematically evaluate and document the condition of the sewers. By performing the proposed project, the City’s overall goal is to establish a program to provide for sustainable, effective wastewater infrastructure management through the following goals:

- Identification of defects in the system that can contribute to or cause backups, overflows and bypasses;
- Identification of the chronic problem areas so maintenance can be planned and scheduled;
- Identification of defects that if not fixed will result in sewer failure;
- Determination and prioritization of the systems need for long-term replacement and rehabilitation;
- Development of a baseline for future comparison to determine rates of deterioration.

The proposed project will include sewer televising of all sewers in the city of Anderson larger than 24-inches in diameter.

The “no action” and “optimum operation of the existing facility” alternatives were examined for both projects and were determined to not meet the requirements for the achievement of the needs and the goals of the proposed projects and the City’s LTCP.

ESTIMATED PROJECT COST AND FUNDING

A. Sludge Storage Improvement Project

Construction Subtotal	\$ 488,000
Contingency	\$ 48,000
Engineering, legal and Administrative	<u>\$ 91,000</u>
Total Project Cost	\$ 627,000

B. Sewer Televising and Condition assessment Project

Sewer Televising	\$ 809,000
Pipe Preparation (for 10% of the sewers)	<u>\$1,116,000</u>
<i>Subtotal</i>	<i>\$1,925,000</i>
Contingencies	\$ 193,000
Engineering, legal, Administrative	<u>\$ 424,000</u>
Total Project Cost	\$2,542,000

Anderson will borrow approximately \$3,169,000 from the State Revolving Fund (SRF) for a 20-year term at an annual interest rate to be determined at loan closing. This project does not qualify towards Green Project Reserve and for SRF Sustainability Incentive.

V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES

The proposed Sludge Storage Improvement Project will be on previously disturbed land and within existing structures (Sludge Storage Building and Tanks) at the site of the existing Anderson Water Pollution Control Plant WPCP. The Sewer Televising and Condition Assessment project will be within existing sewers accessed using existing manholes. The proposed projects will not result in an increase in the capacity of the Anderson's sewer system or WPCP.

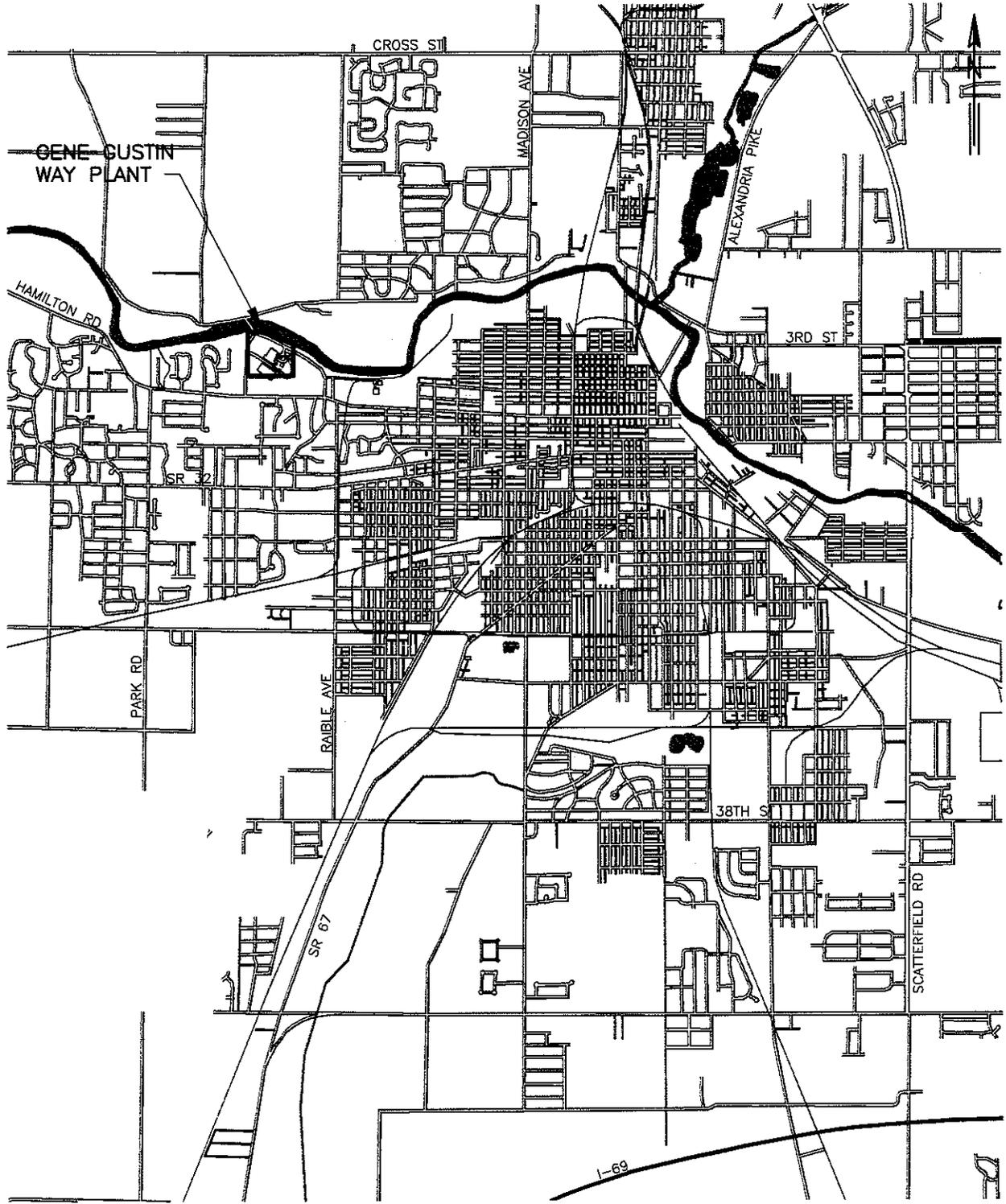
The construction and operation of the proposed projects will not adversely impact wetlands, endangered species or their habitat, ground water, drinking water supply, prime farmland, coastal zones, national natural landmarks and will not be located within the 100-year floodplain.

There are no known historic, architectural or archaeological sites that will be impacted by this project. The SRF's finding pursuant to Section 106 of the Historic Preservation Act is: "no historic properties affected."

VI. PUBLIC PARTICIPATION

A properly noticed public hearing was held on March 31, 2009 at 2:00 p.m. in the 5th floor conference room, 120 E 8th Street, Anderson, Indiana. No written comments were received in the 5-day period following the hearing.

FIGURE 1



LOCATION MAP

SCALE: 1"=4000'

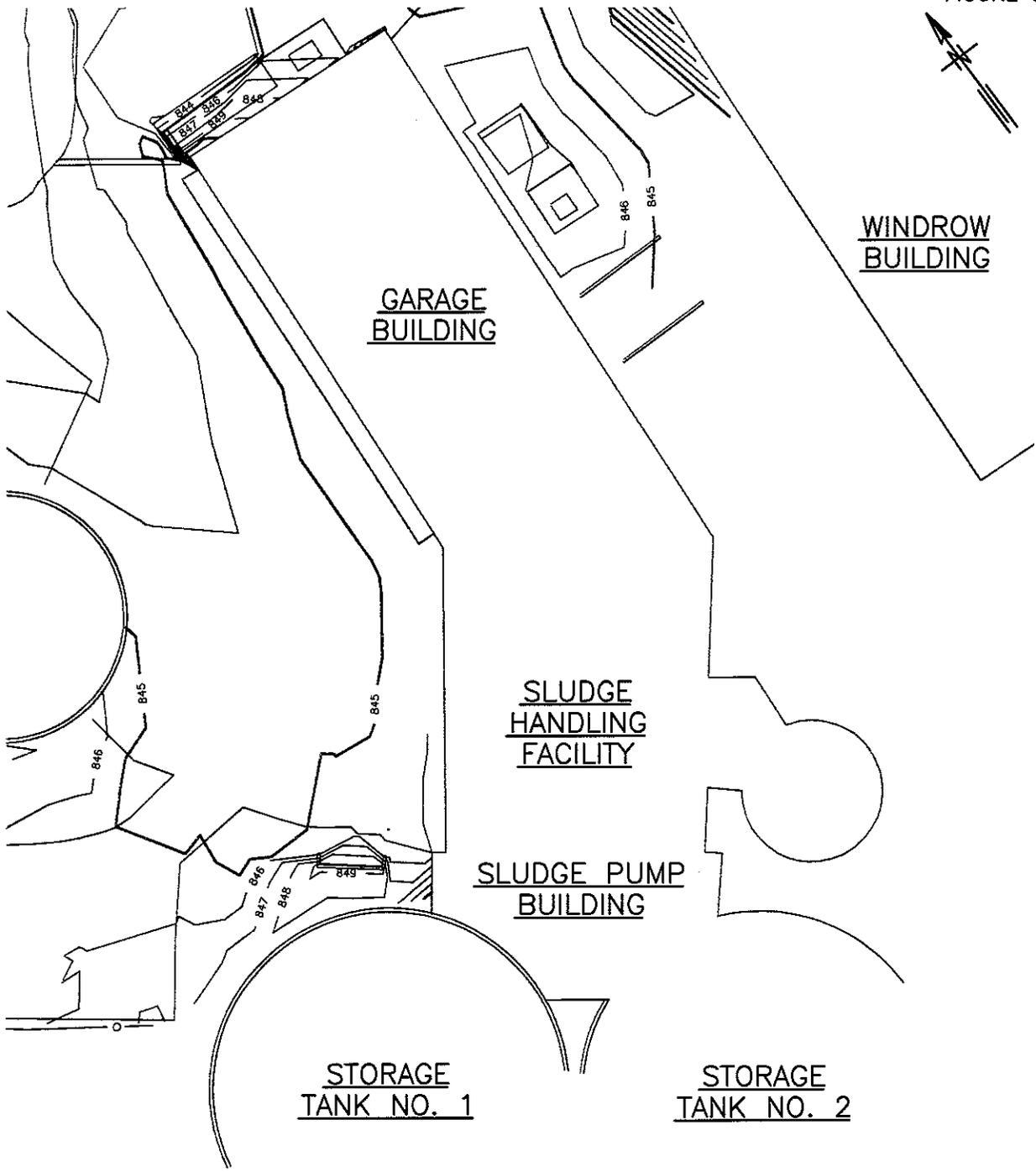


GREELEY AND HANSEN

CITY OF ANDERSON, INDIANA
 SLUDGE STORAGE
 PRELIMINARY ENGINEERING REPORT

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FIGURE 2



SITE PLAN

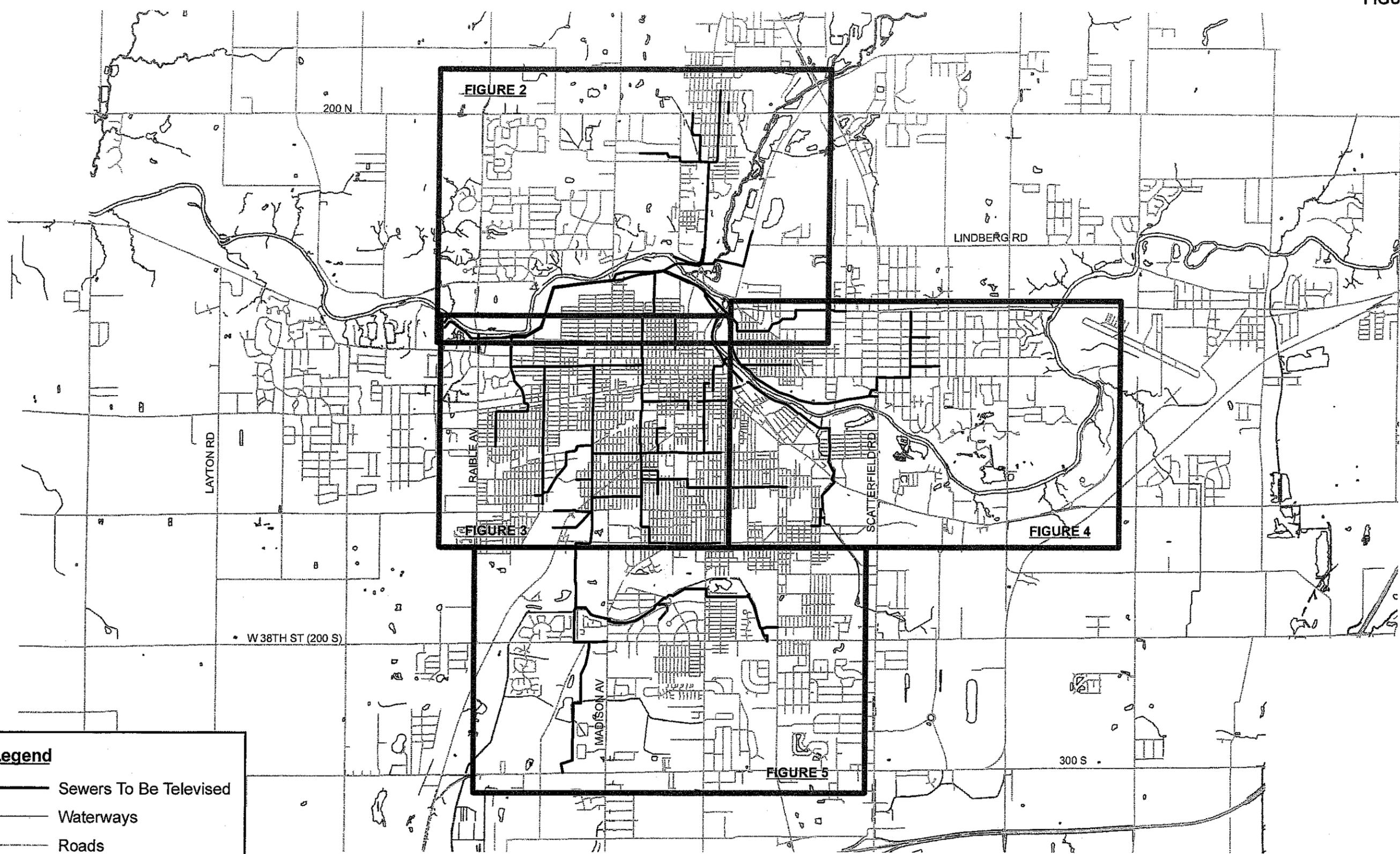
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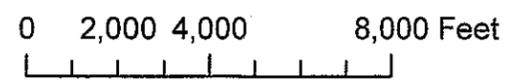
GREELEY AND HANSEN

CITY OF ANDERSON, INDIANA
SLUDGE STORAGE
PRELIMINARY ENGINEERING REPORT



Legend

-  Sewers To Be Televised
-  Waterways
-  Roads



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