



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

PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

ALLEN COUNTY REGIONAL WATER AND SEWER DISTRICT
SEPTIC SYSTEM RELIEF PROJECTS
GOSHEN-FRITZ-COOK-STEELE AREAS
SRF # WW 14280206

Date: October 2, 2014

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the town's Preliminary Engineering Report 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 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 Environmental Assessment or an Environmental Impact Statement.

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,
Compliance Officer
SRF Programs
317-232-2566; ahenning@ifa.in.gov

**CATEGORICAL
EXCLUSION**

I. PROJECT IDENTIFICATION

Project Name: **Septic System Relief Project – 2014
Goshen – Fritz – Cook – Steele**
Allen County Regional Water & Sewer District
P.O. Box 11888
Fort Wayne, IN 46861-1888

SRF Project Number: WW 14 28 02 06

Authorized Representative: Ric Zehr, President
Board of Trustees

II. PROJECT LOCATION

Allen County Regional Water & Sewer District (ACRWSD) is located in Allen County. The ACRWSD study area is the same as the 20-year service area and includes all of the unincorporated areas within Allen County. The district proposes to install sanitary sewer systems in the Goshen – Fritz – Cook – Steele Area in the Hunteertown USGS quadrangle, Washington Township, T31N, R12E, sections 7, 8, 17, 18 (Figure 2).

III. PROJECT NEED AND PURPOSE

Due to failing septic systems and more stringent septic system regulations, residents have approached the District to have sewers extended to the proposed project area. The Goshen – Fritz – Cook – Steele Area has eighty-five individual on-site septic systems. Thirty-four structures had no systems on file with the DOH. Three structures have legal systems over 20 years old, thirteen structures have legal systems less than 20 years old, thirty-seven structures have filter bed systems over 20 years old, five structures have filter bed systems less than 20 years old, and one structure has a temporary holding tank. DOH has also documented five confirmed failed systems and twenty-three systems have been replaced at least once.

The DOH investigated the on-site systems in service area. In correspondence dated July 16, 2014, the DOH stated: “...*this Department has documentation of failed onsite systems that are creating public health hazards throughout these areas. Further, we recognize public sewer as the best solution to the problems in these areas, and fully support the ACRW&SD in their on-going efforts to eliminate these areas within Allen County that contain non-point source pollutants.*”

The District intends to install a low pressure sewer collection system to the area described above. The system will connect with Fort Wayne, and their wastewater will be treated at the city’s treatment plant (Figure 39A-1 and 39A-2).

The Goshen – Fritz – Cook – Steele Area sanitary sewer system includes installing approximately:

1. 4,470 feet of 3-inch forcemain;
2. 9,060 feet of 2-inch forcemain;
3. 1,100 feet of 1½ -inch forcemain;

4. 100 feet of highway crossing (casing and carrier pipe);
5. three (3) air release valve structures;
6. 14 flushing cleanouts;
7. 85 grinder pump stations;
8. 85 grinder pump connections;
9. 85 1½ -inch corp. stop and check valve assemblies;
10. 8,500 feet of 1 ½ -inch pressure service line;
11. two (2) 3-inch isolation valves with roadway boxes
12. two (2) 2-inch isolation valves with roadway boxes;
13. three (3) 1 ½ inch isolation valve with roadway box;
14. 85 electrical disconnect connections

In addition to a “No Action” alternative, the District evaluated a low pressure sewer system as well as a combination of gravity/pressure sewers.

The No-Action alternative was eliminated from consideration for both project areas, since failing on-site septic systems would continue to discharge inadequately treated sewage into nearby streams or ditches and cause a potential public health problem.

The Goshen – Fritz – Cook – Steele Area has an estimated 85 connections and an average design flow of 28,840 gpd and an estimated peak flow of 115,360.

IV. ESTIMATED PROJECT COST, AFFORDABILITY AND FUNDING

<u>Project Area</u>	<u>Estimated Cost</u>
<u>Goshen – Fritz – Cook – Steele Area</u>	<u>\$981,000</u>
Contingency	<u>\$98,000</u>
Total Estimated Construction Cost	\$1,079,000
Total Non-Construction Cost	<u>\$278,000</u>
Total Estimated Project Cost	\$1,357,000

Total cost of this project is estimated to be approximately \$1,357,000. ACRWSD will fund the project with a loan from the State Revolving Fund (SRF) for a 20-year term at an annual interest rate to be determined at loan closing. Monthly user rates and charges may need to be analyzed to determine if adjustments are required for loan repayment.

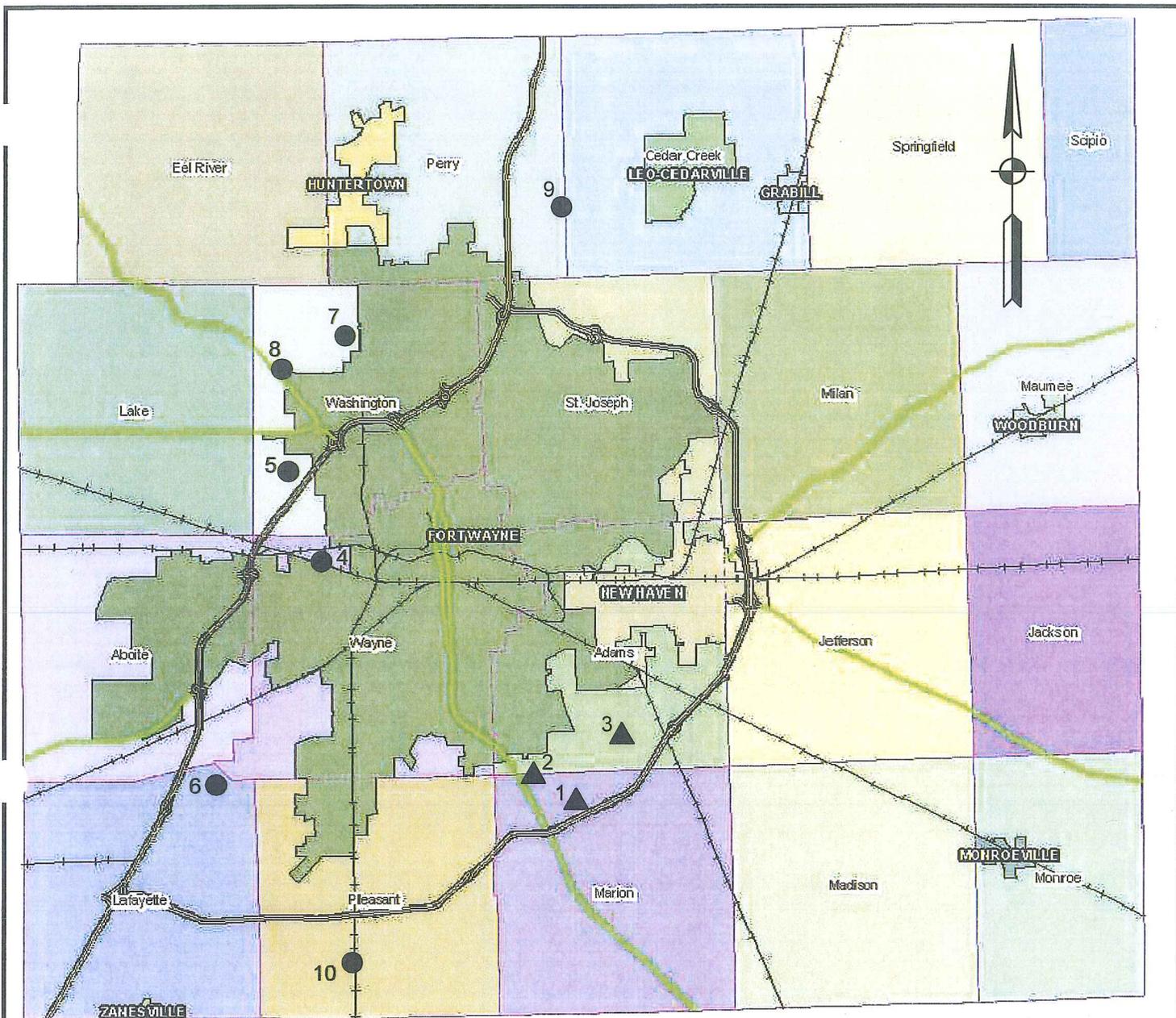
V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES

All sewer lines for this project will be installed by directional drilling at a depth of 5 to 10 feet in areas previously disturbed by road construction. The project will not affect wetlands, wooded areas, surface waters, endangered species, the 100-year floodplain or prime farmland.

Construction and operation of the project will not alter, demolish, or remove historic properties; see Figure 33E. If any visual or audible impacts to historic properties occur, they will be temporary and will not alter the characteristics that qualify such properties for inclusion in or eligibility for the National Register of Historic Places. The SRF’s finding pursuant to the Section 106 of the National Historic Preservation Act is: “no historic properties affected.”

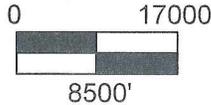
VI. PUBLIC PARTICIPATION

A properly publicized public hearing was held at 12:30 p.m., on June 25, 2014, at the Commissioner's Courtroom Suite 035 located in the Citizen's Square Building. There were no questions raised during the hearing and the city received no written comments in the ten day post-hearing period.



▲ LOCATIONS - HESSEN CASSEL CONSOLIDATION - 2014

● LOCATIONS - SEPTIC SYSTEM RELIEF PROJECTS - 2014



- | | |
|--|--|
| 1 - TRENTMAN-THOMPSON RD. SERVICE AREA | 4 - BERNEWAY DR. SERVICE AREA |
| 2 - U.S. 27-MAPLES-JENNIFER DR. SERVICE AREA | 5 - GERDING WOODLAND-KROEMER-LEESBURG RD. SERVICE AREA |
| 3 - ADAMS CENTER-PAULDING-TILLMAN RD. SERVICE AREA | 6 - WHIPPORWILL-LOWER HUNTINGTON RD. SERVICE AREA |
| | 7 - WALLEN COMM-WALLEN RD. SERVICE AREA |
| | 8 - GOSHEN-FRITX-COOK-STEELE SERVICE AREA |
| | 9 - TONKEL-HURSH-MARS-CRAWFORD RD. SERVICE AREA |
| | 10 - YODER SERVICE AREA |

COMMONWEALTH ENGINEERS, INC.

7256 Company Dr. Indianapolis, IN 46237 (317) 888-1177
 101 Plaza East Blvd. Ste 200 Evansville, IN 47715 (812) 474-1177
 9604 Coldwater Rd. Ste. 203 Fort Wayne, IN 46825 (260) 494-5225

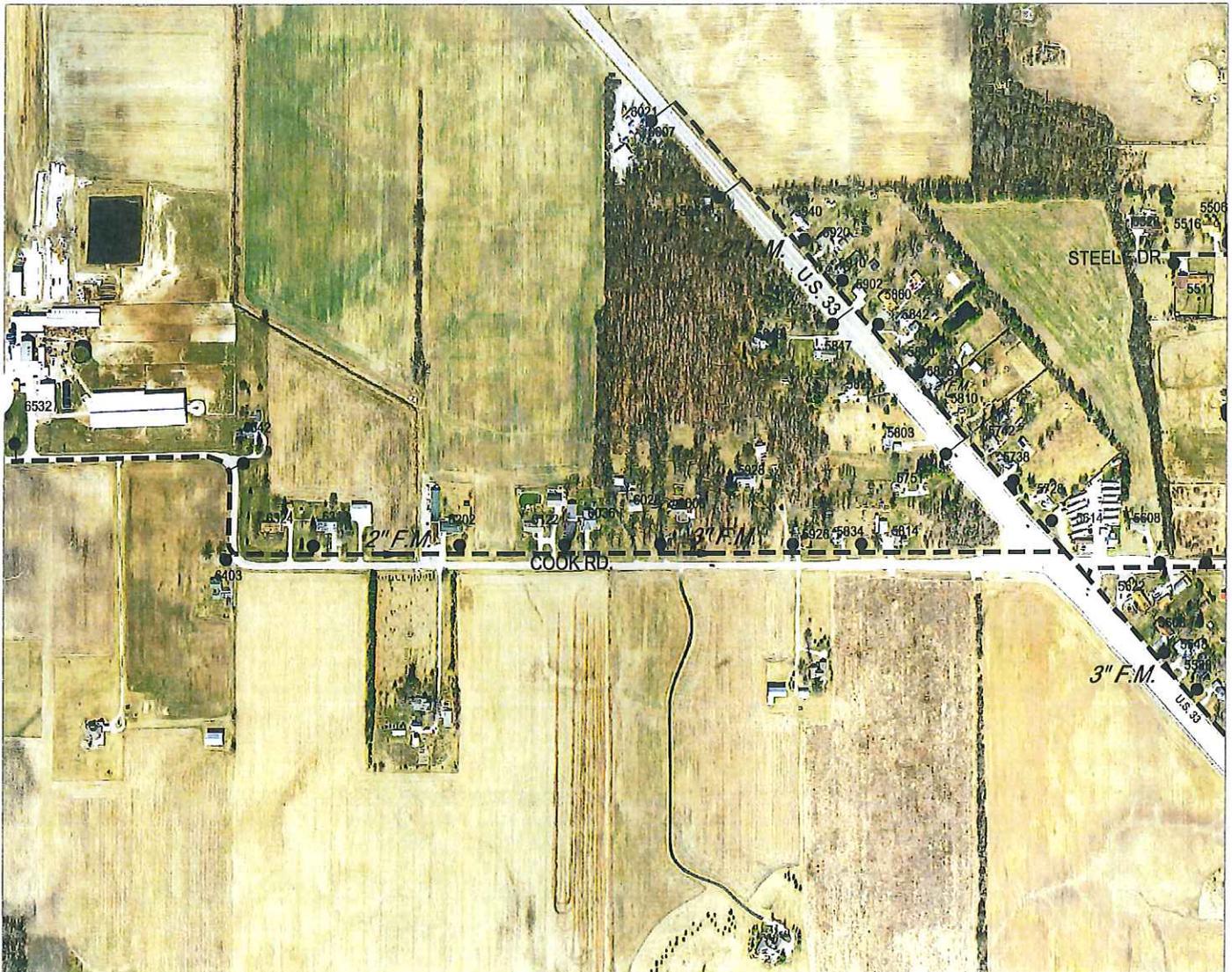
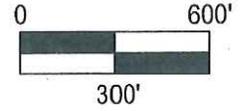
ACRWS D - PRELIMINARY ENGINEERING REPORT
 SEPTIC SYSTEM RELIEF PROJECTS - 2014

FIGURE 2 - GENERAL PROPOSED DISTRICT SERVICE AREAS - ALLEN COUNTY

FIGURE
2

LEGEND

 PROPOSED FORCEMAIN WITH GRINDER PUMP STATION



MATCHLINE (SEE SHEET 39A-2)

MAP SOURCE:
ALLEN COUNTY GIS - 2012 AERIAL IMAGE



COMMONWEALTH ENGINEERS, INC.
 7256 Company Dr Indianapolis, IN 46237 (317) 858-1177
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ACRWSD - PRELIMINARY ENGINEERING REPORT
SEPTIC SYSTEM RELIEF PROJECTS - 2014

FIGURE 39A-1 - GOSHEN-FRITZ-COOK-STEEL
PROPOSED SERVICE AREA

FIGURE

39A-1



MATCHLINE (SEE SHEET 39A-1)

LEGEND

- EXISTING SANITARY WITH MANHOLE
- - - - - PROPOSED FORCEMAIN WITH GRINDER PUMP STATION

MAP SOURCE:
ALLEN COUNTY GIS - 2012 AERIAL IMAGE



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ACRWS - PRELIMINARY ENGINEERING REPORT
SEPTIC SYSTEM RELIEF PROJECTS - 2014

FIGURE 39A-2 - GOSHEN-FRITZ-COOK-STEEL
PROPOSED SERVICE AREA

FIGURE

39A-2

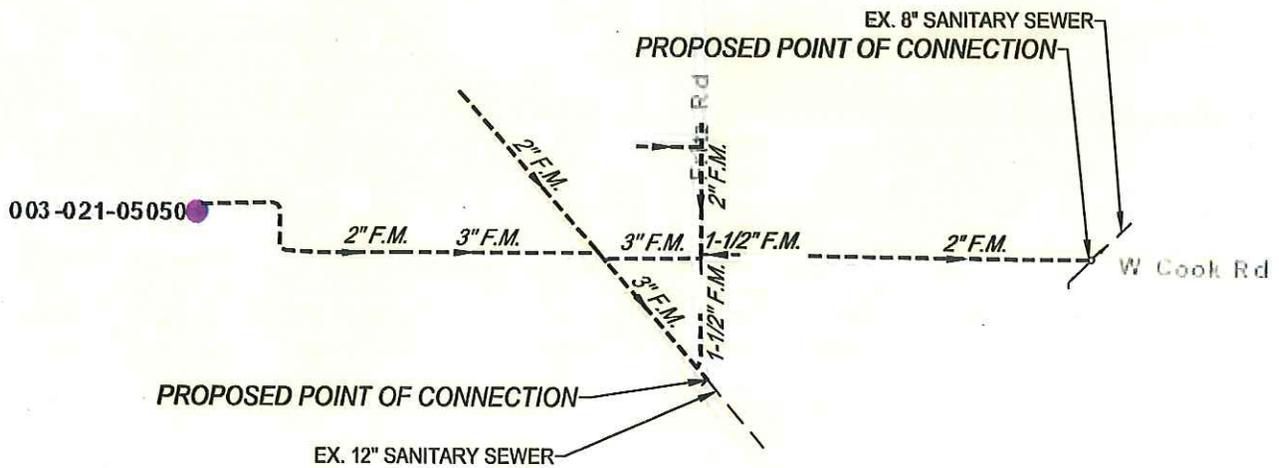
W Till Rd

W Wallen Rd

33

003-286-05018

003-021-05050



PROPOSED POINT OF CONNECTION

EX. 12" SANITARY SEWER

LEGEND

—○— EXISTING SANITARY WITH MANHOLE

----- PROPOSED FORCEMAIN

- ◆ Override 1
- △ Cemeteries
- Outstanding
- Notable
- Contributing
- Non-Contributing
- Demolished
- Outstanding
- Non-Contributing
- Demolished
- Notable
- Contributing
- Non-Contributing
- Demolished
- Unknown
- ★ National Register Sites
- Historic Districts
- World Street Map



NO SCALE

MAP SOURCE: INDIANA DNR - SHAARD GIS



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SEPTIC SYSTEM RELIEF PROJECTS - 2014

FIGURE 33E - GOSHEN-FRITZ-COOK-STEELE
PROPOSED SERVICE AREA - HISTORICAL SITES

FIGURE

33E