



# 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  
TONKEL-HURSH-MARS-CRAWFORD AREA  
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

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# CATEGORICAL EXCLUSION

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## I. PROJECT IDENTIFICATION

Project Name: **Septic System Relief Project – 2014  
Tonkel – Hursh – Mars – Crawford Area**  
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 Tonkel – Hursh – Mars – Crawford Area in the Cedarville USGS quadrangle, Perry Township, T32N, R12E, sections 24 and 25, in the Cedarville USGS quadrangle, Cedar Creek Township, T32N, R13E, sections 19 and 30 (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 Tonkel – Hursh – Mars – Crawford Area has seventy-five individual on-site septic systems. Eighteen structures had no systems on file with the DOH, seven structures have legal systems over 20 years old, forty-three structures have legal systems less than 20 years old, fifty-eight structures have filter bed systems over 20 years old, and nine structures have filter bed systems less than 20 years old. DOH has also documented nineteen confirmed failed systems and twenty-six systems have been repaired or replaced.

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 combination low pressure/gravity 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 40A-1 and 40A-2).

The Tonkel – Hursh – Mars – Crawford Area sanitary sewer system includes installing approximately:

1. 870 feet of 8-inch gravity sewer;
2. 5,200 feet of 3-inch forcemain;
3. 8,700 feet of 2-inch forcemain;
4. two (2) manholes;
5. five (5) service wyes (8- x 6-inch);
6. ten (10) air release valve structures;
7. 24 flushing cleanouts;
8. 70 grinder pump stations;
9. 70 grinder pump connections;
10. 70 1½ -inch corp. stop and check valve assemblies;
11. 7,000 feet of 1 ½ -inch pressure service line;
12. two (2) 3-inch isolation valves with roadway boxes
13. four (4) 2-inch isolation valves with roadway boxes;
14. 50 square yards of stone driveway repair;
15. 50 square yards of asphalt driveway repair;
16. 70 electric 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 Tonkel – Hursh – Mars – Crawford Area has an estimated 75 connections and an average design flow of 23,250 gpd and an estimated peak flow of 93,000 gpd.

#### IV. ESTIMATED PROJECT COST, AFFORDABILITY AND FUNDING

<u>Project Area</u>	<u>Estimated Cost</u>
<u>Goshen – Fritz – Cook – Steele Area</u>	<u>\$939,000</u>
Contingency	<u>\$94,000</u>
Total Estimated Construction Cost	<b><u>\$1,033,000</u></b>
Total Non-Construction Cost	<b><u>\$264,000</u></b>
<b>Total Estimated Project Cost</b>	<b><u>\$1,297,000</u></b>

Total cost of this project is estimated to be approximately \$1,297,000. 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

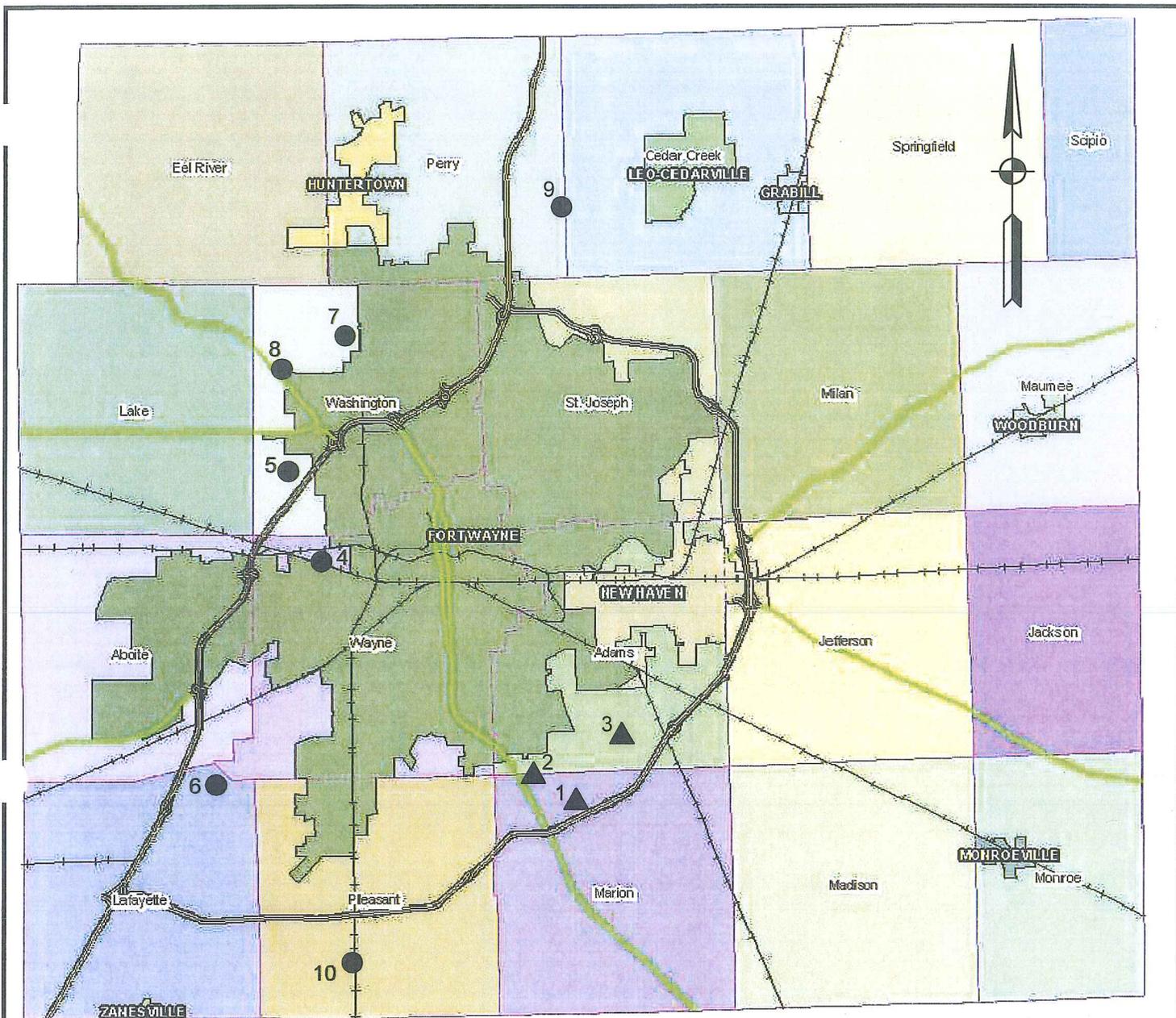
Most sewer lines for this project will be installed by directional drilling at a depth of 5 to 10 feet. A small section of gravity sewer will be installed using an open cut method. All sewer lines for this project will be installed in areas previously disturbed by road construction. The project will 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 33F. 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."

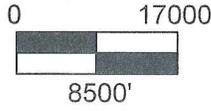
## **VI. PUBLIC PARTICIPATION**

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                                |

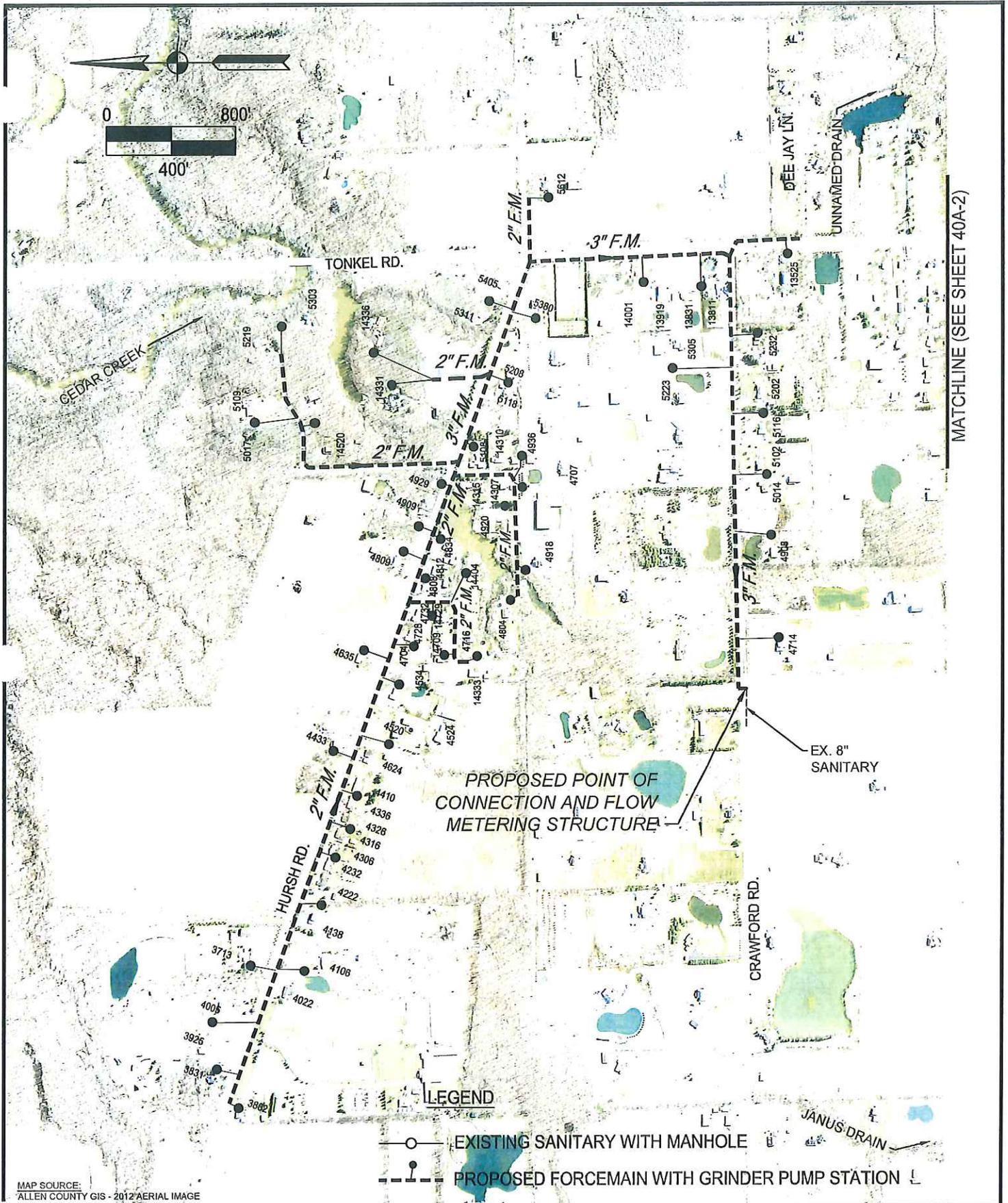
**COMMONWEALTH ENGINEERS, INC.**

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**



MAP SOURCE:  
ALLEN COUNTY GIS - 2012 AERIAL IMAGE



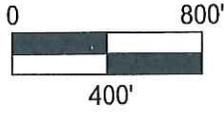
7356 Company Dr. Indianapolis, IN 46237 (317) 888-1177  
101 Plaza East Blvd. Ste 200 Evansville, IN 47715 (812) 474-1177  
9604 Coldwater Rd. Ste 203 Fort Wayne, IN 46825 (260) 494-3223

ACRWS - PRELIMINARY ENGINEERING REPORT  
SEPTIC SYSTEM RELIEF PROJECTS - 2014

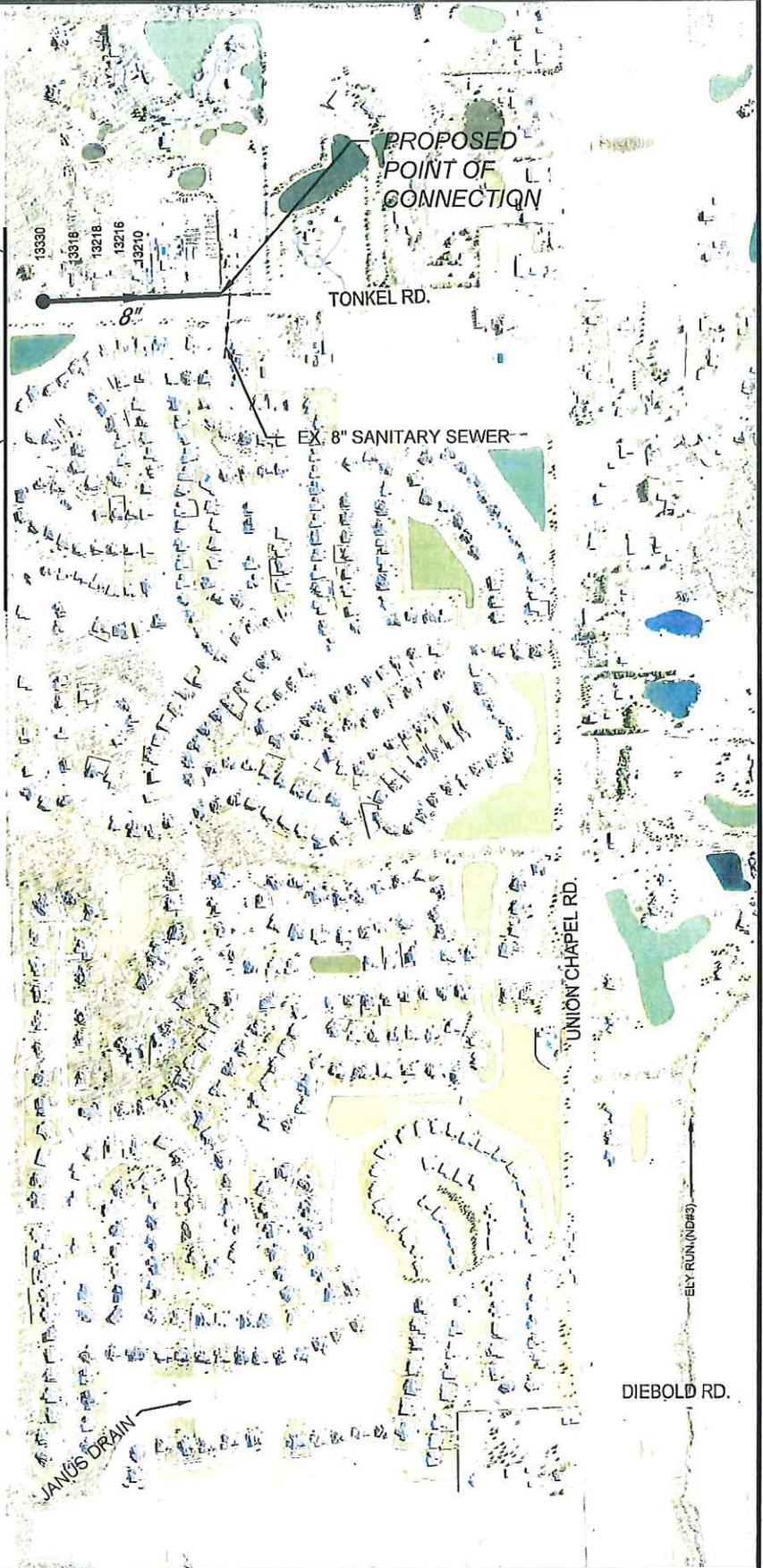
FIGURE 40A-1 - TONKEL-HURSH-MARS-CRAWFORD  
PROPOSED SERVICE AREA

FIGURE

40A-1



MATCHLINE (SEE SHEET 40A-1)



**LEGEND**

- EXISTING SANITARY WITH MANHOLE
- PROPOSED GRAVITY SEWER W/ MANHOLE

MAP SOURCE:  
ALLEN COUNTY GIS - 2012 AERIAL IMAGE



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ACRWSD - PRELIMINARY ENGINEERING REPORT  
SEPTIC SYSTEM RELIEF PROJECTS - 2014

FIGURE 40A-2 - TONKEL-HURSH-MARS-CRAWFORD  
PROPOSED SERVICE AREA

FIGURE

40A-2

