



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

PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

**TOWN OF CHESTERFIELD
Wastewater Treatment Plant and Lift Station Improvements
Preliminary Engineering Report Addendum #1
SRF # WW10 06 48 02**

Date: February 10, 2014

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the Chesterfield's Preliminary Engineering Report Addendum #1 submitted to the SRF on December 11, 2013, 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 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:

Max Henschen, Senior Environmental Manager
SRF Programs
317-232-8623; mhensche at ifa.in.gov

CATEGORICAL EXCLUSION

I. PROJECT IDENTIFICATION

Project Name and Address: **Improvements to Wastewater Treatment Plant
and Four Lift Stations
Preliminary Engineering Report Addendum #1**
Town of Chesterfield
17 Veterans Blvd., P.O. Box 95
Chesterfield, IN 46017

SRF Project Number: WW 10 06 48 02

Authorized Representative: Mr. Jack Taylor, Town Council President

II. PROJECT LOCATION

Chesterfield is located in east central Madison County. The town's project areas are: (1) the wastewater treatment plant (WWTP) in the Middletown USGS quadrangle in Union Township, T19N, R8E, section 9; (2) the Main Lift Station in section 10; (3) the State Road 32 Lift Station, also in section 10; (4) the Mounds State Park Lift Station in section 15 and (5) the State Road 67 Lift Station in Delaware County in the Middletown quadrangle in Salem Township, T19N, R8E, section 12. See Figure 1.

III. PROJECT NEED AND PURPOSE

The town needs to (1) install a protective covering at the headworks structure to protect the in-channel screen's basket from freezing, (2) provide another means of restricting access to the main gate at the WWTP besides a padlock, (3) provide storage for equipment and spare parts, (4) provide remote monitoring of all of the lift stations, so the operator can avoid making separate visits to each lift station, and (4) alleviate odors from the Main Lift Station, which is located at a campground.

The selected alternative for the protective covering at the headworks structure is to install steel cladding to the wood frame. The "No Action" alternative was rejected since the in-channel conveyor screen's basket would continue to freeze.

The selected alternative for providing another means of restricting access to the main gate is to install an electronic gate with a programmable entry key pad. The "No Action" alternative was rejected since the main gate's padlock could be compromised at the remote location of the WWTP.

The selected alternative for providing storage is to construct a pole barn. The "No Action" alternative was rejected since the town needs a storage facility to store spare parts and maintenance equipment.

The selected alternative for monitoring lift stations without visiting each one is to install a remote monitoring system at each of the lift stations. The monitoring will be done via computer at the WWTP laboratory; the computer will also allow control, not just monitoring, of the Main Lift Station. The "No Action" alternative was rejected since the operator would have to continue making visits to check on the status of each lift station, rather than being able to observe the status of each lift station from one location.

The selected alternative for addressing the odor problems from the Main Lift Station is to install an odor control facility. The "No Action" alternative was rejected, since the campground would continue to experience offensive odors.

IV. ESTIMATED PROJECT COST AND FUNDING

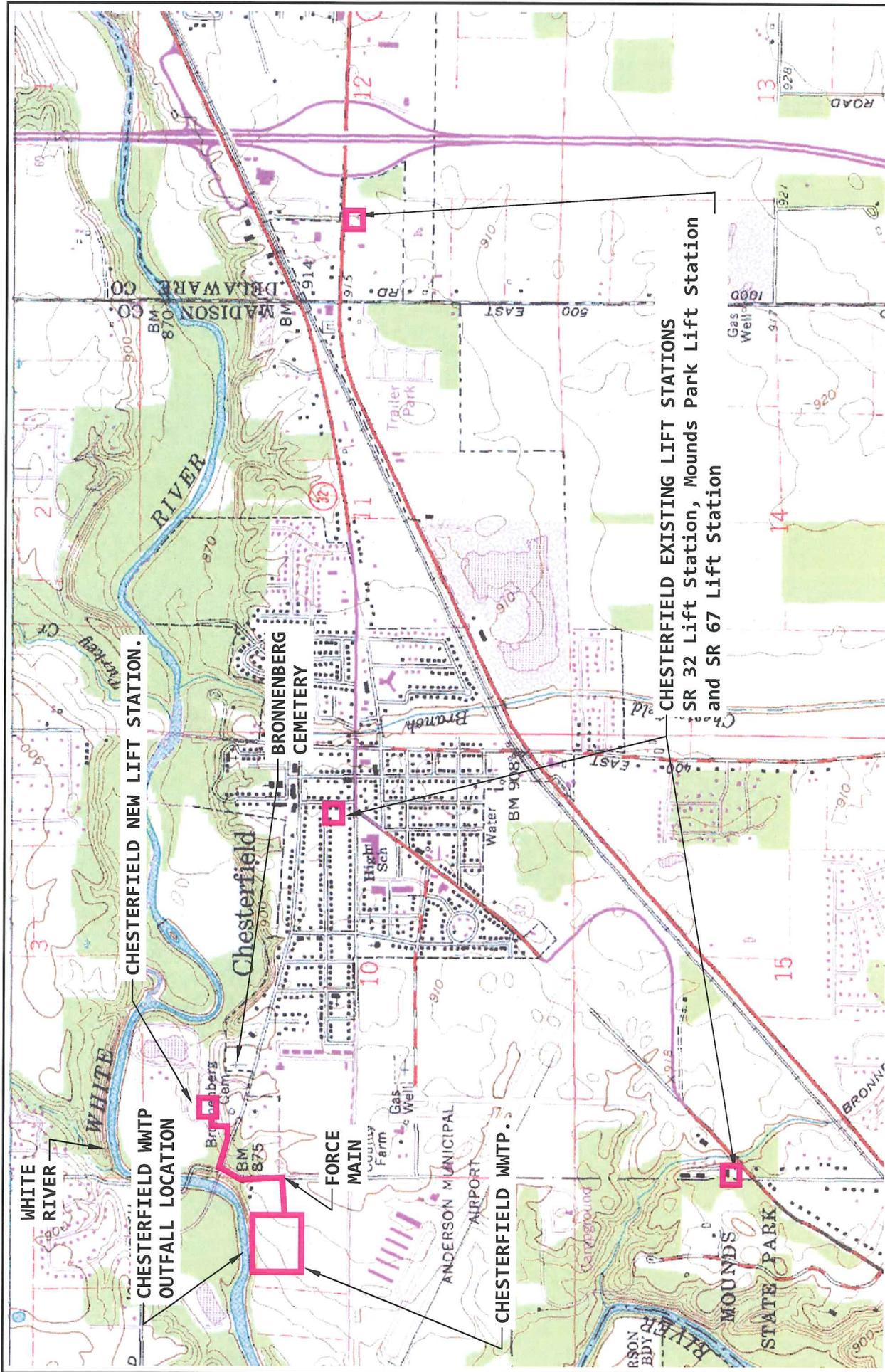
The estimated total cost of the proposed projects is \$102,025 including non construction costs. The town closed a 20-year loan for \$7,559,000 with the State Revolving Fund (SRF) on June 15, 2011; these projects will use some of the remaining funds from that loan.

V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES

Environmental impacts of these projects will be minimal, since they will take place in existing structures, and the pole barn will be constructed on previously disturbed land at the WWTP site. Construction and operation of the project will not alter, demolish or remove historic properties. See figures 2 - 4. 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 Registers of Historic Places. The SRF's finding pursuant to Section 106 of the Historic Preservation Act is: "no historic properties affected."

VI. PUBLIC PARTICIPATION

The town published a public notice in the Herald Bulletin on December 6, 2013, describing the proposed projects, and received no comments.



CHESTERFIELD NEW LIFT STATION.

CHESTERFIELD WWTP
OUTFALL LOCATION

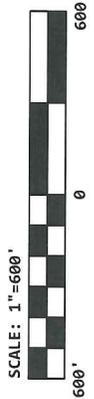
FORCE
MAIN

CHESTERFIELD WWTP

CHESTERFIELD EXISTING LIFT STATIONS
SR 32 Lift Station, Mounds Park Lift Station
and SR 67 Lift Station

TOWN OF CHESTERFIELD, INDIANA

Figure 1: Project Areas

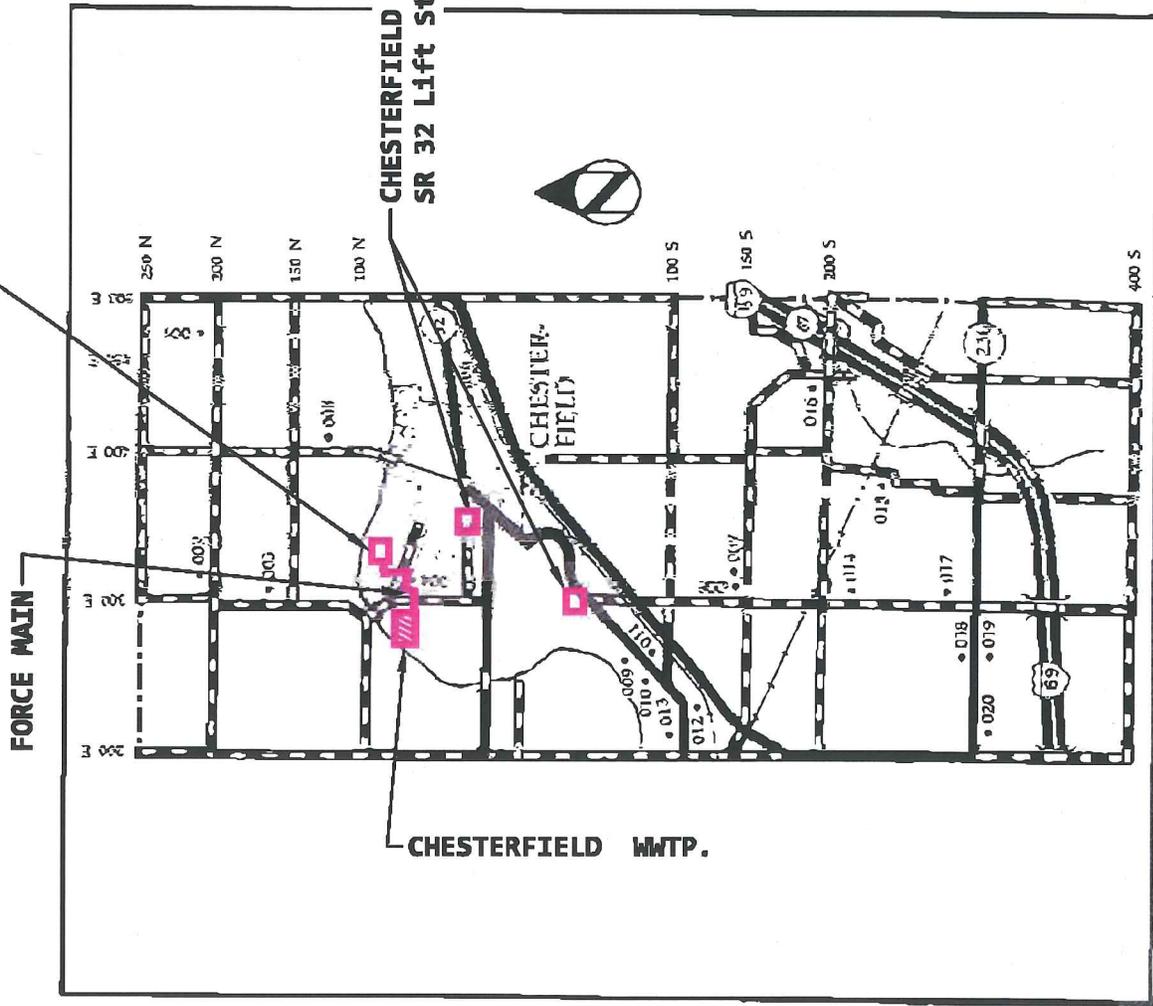


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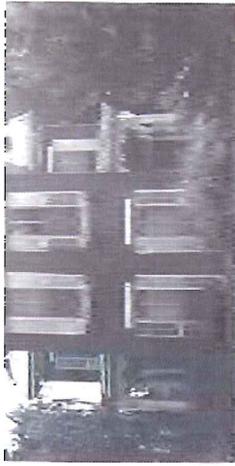
TOWN OF CHESTERFIELD
MADISON COUNTY, INDIANA
WASTEWATER & COLLECTION FACILITIES
TOPOGRAPHIC MAP



Union Township (50001-020)



No.	Rtg.	Description
001	N	Emco, 200 N; Federal, c.1830; Architecture (240)
002	C	Farm, 200 N; Bangalow, c.1910; Architecture (240)
003	C	House, 300 E; Carpenter Builders, c.1890; Architecture (248)
004	O	Carroll Bronnberg House, 50 S; Historic, 1863; Architecture (240)



005	C	Hudler Bronnberg Farm, 400 E; Carpenter-Builders, 1896; Architecture (240)
006	N	William Ditts House, State Road 32, Federal, 1833; Architecture (409)
007	O	Decagon Barn, Vernacular, c.1910; Architecture, Vernacular/Construction (409)
008	C	Bronnberg House, 100 S; Queen Anne, 1911; Architecture (409)
009	O	Fredrick Bronnberg House, Mounds State Park; Federal, 1854-56; Architecture (409)
010	O	The Great Adena and Hopewell Indian Mound, 406 Mounds Road, Mounds State Park; 10 50 A.D.; Indian (409) NR

Figure 2: from Madison County Interim Report Indiana Historic Sites and Structures Inventory

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COMMONWEALTH
ENGINEERS, INC.

TOWN OF CHESTERFIELD
MADISON COUNTY, INDIANA

WASTEWATER & COLLECTION FACILITIES
INTERIM REPORT MAP

Chesterfield Scattered Sites (51001-005)

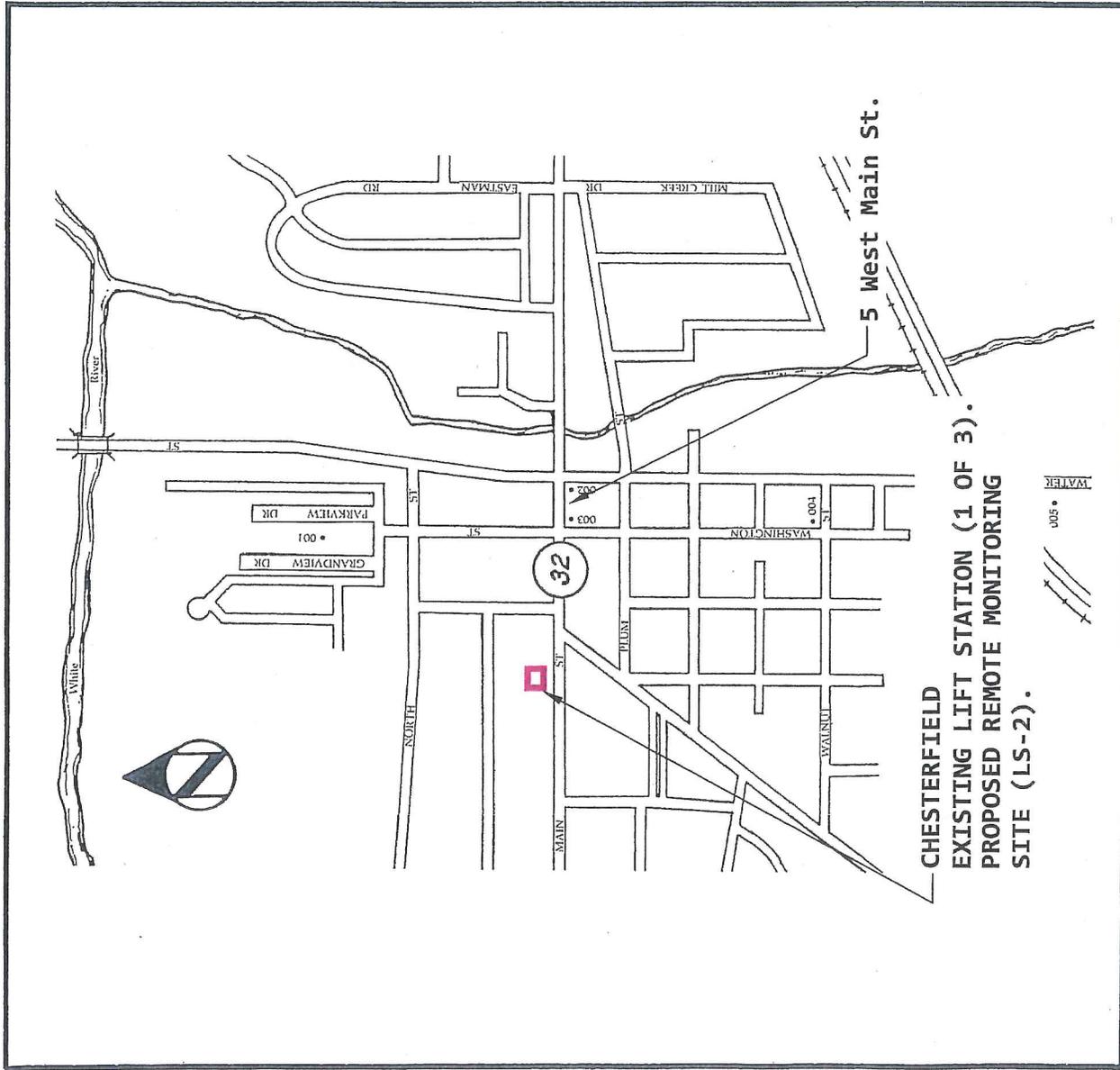
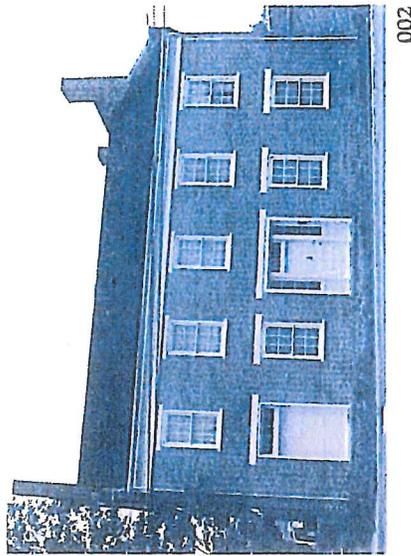


Figure 3: from Madison County Interim Report
Indiana Historic Sites and Structures Inventory
TOWN OF CHESTERFIELD, INDIANA

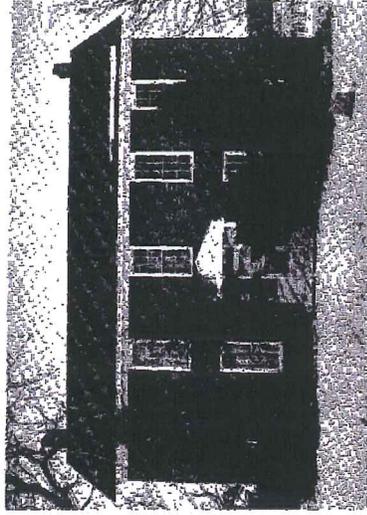
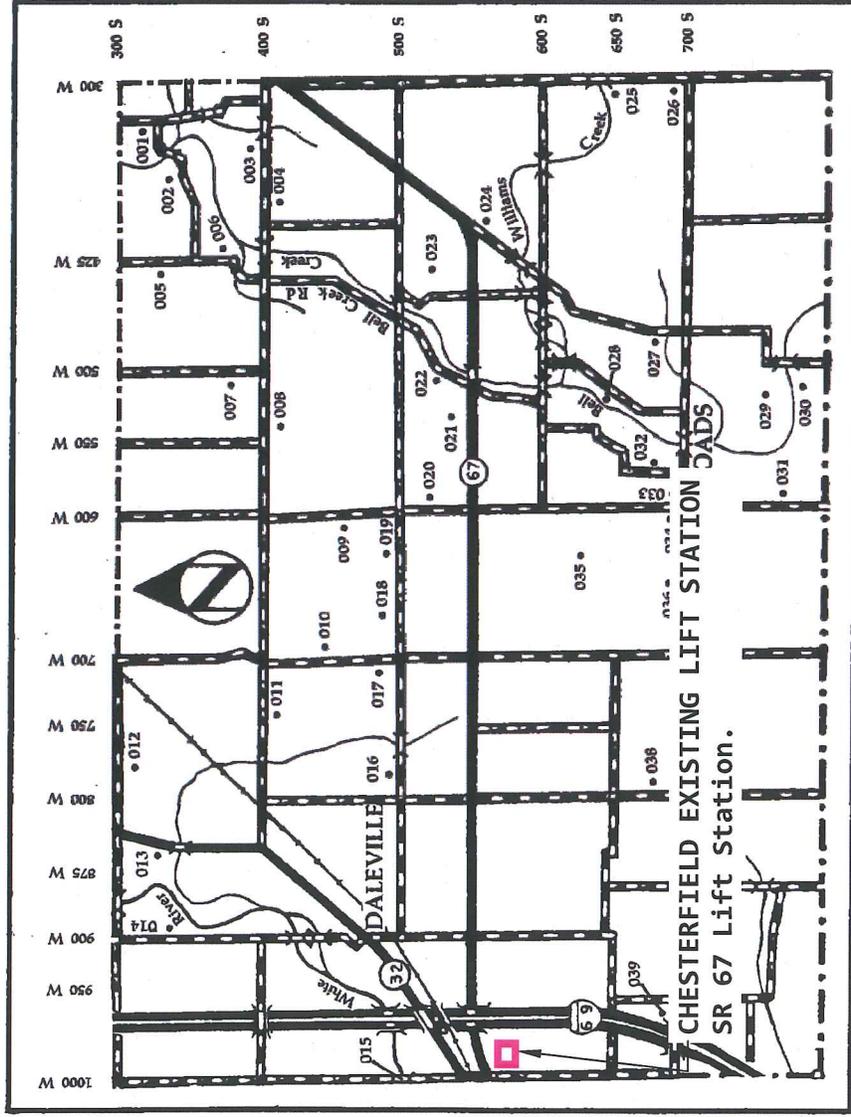


TOWN OF CHESTERFIELD
MADISON COUNTY, INDIANA
WASTEWATER & COLLECTION FACILITIES
INTERIM REPORT MAP

No.	Rtg.	Description
001	N	Indiana Association of Spiritualists Camp, North Street; Carpenter-Builder, c.1904; Architecture, Religion (409)
002	O	House, State Road 32; Federal c.1840; Architecture, Commerce (409)
003	C	Commercial Building, 19 West Main Street; Nineteenth Century Functional, c.1900; Architecture, Commerce (409)
004	C	House, 324 Washington Street; Italianate, c.1890; Architecture (409)
005	N	Donnelly Horse Farm/Gaar Nursery, Old State Road 67; Twentieth Century Functional, c.1900; Architecture, Commerce (409)



Salem Township (55001-039)



010

- 011 O House, 400 S; Federal, c.1840; Architecture (240)
- 012 C House, 300 S; Greek Revival, c.1860; Architecture (240)
- 013 C Farm, Slate Road 32; Carpenter-Builder, c.1910; Architecture (240)
- 014 C House, 900 W; Carpenter-Builder, c.1900; Architecture (240)
- 015 O Iron Bridge, 1000 W; Pratt Through Truss, c.1895; Engineering, Transportation (240)
- 016 N Walnut Grove School No. 6, 500 S; Nineteenth Century Functional, 1884; Cary Finwick, Builder; Architecture, Education (409)
- 017 O House, 700 W; Federal/Greek Revival, c.1840; Architecture (440)
- 018 N Shoemaker Farm, 500 S; Greek Revival, 1865; Architecture (409)
- 019 C House, 500 S; Greek Revival/Bungalow, c.1860/c.1910; Architecture (420)
- 020 O Landry Farm, 600 W; Queen Anne, 1880; Architecture (618)
- 021 N House, State Road 67; Greek Revival, c.1860; Architecture (618)

- 006 N School No. 1, 425 W; Nineteenth Century Functional, c.1890; Architecture, Education (442)
- 007 C Farm, 400 S; Carpenter-Builder, c.1875; Architecture (442)
- 008 C House, 400 S; Italianate, c.1875; Architecture (442)
- 009 C Richmond House, 600 W; Carpenter-Builder, c.1890; Architecture (240)
- 010 O Daniel Richman House, 700 W; Federal/Greek Revival, c.1860; Architecture (409)
- 001 C House, 325 E; Carpenter-Builder, c.1880; Architecture (442)
- 002 N Stewart House, 350 S; Gothic Revival, 1834; Architecture (442)
- 003 C House, 400 S; Carpenter-Builder, c.1880; Architecture (442)
- 004 C House, 400 S; Italianate, c.1880; Architecture (442)
- 005 C House, 425 W; Queen Anne, c.1910; Architecture (442)

Figure 4: from Madison County Interim Report
Indiana Historic Sites and Structures Inventory



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MADISON COUNTY, INDIANA
WASTEWATER & COLLECTION FACILITIES
INTERIM REPORT MAP