



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

PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

**INDIANA AMERICAN WATER
Wabash Water Main Replacement Projects
SRF # DW 13 14 85 01**

Date: September 11, 2013

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the Indiana American Water'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:

April Douglas, SRF Senior Environmental Manager
SRF Programs
317-234-7294; adouglas at ifa.in.gov

CATEGORICAL EXCLUSION

I. PROJECT IDENTIFICATION

Project Name and Address: **Water Main Replacement Projects**
Indiana-American Water (INAWC) - Wabash
555 East County Line Road, Suite 201
Greenwood, IN 46143

SRF Project Number: DW13 14 85 01

Authorized Representative: Stacy Hoffman
Director of Engineering

II. PROJECT LOCATION (FIGURE 1)

Mill Street: The proposed project is located along Mill Street from Olive Street to Wabash Valley. The project area is located in Wabash County, Noble Township in the Wabash USGS quadrangle, T27N, R6E and section 9.

Branch Street: The proposed project is located along Branch Street from Pike Creek to a dead end. The project area is located in Wabash County, Noble Township in the Wabash USGS quadrangle, T27N, R6E and section 23.

Elmwood Drive: The proposed project is located along Elmwood Drive from Harrison Street to dead end. The project area is located in Wabash County, Noble Township in the Wabash USGS quadrangle, T27N, R6E and section 11.

III. PROJECT NEED AND PURPOSE

Mill Street: The existing 4-inch cast iron water main has been in service since the 1940s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has caused a reduction in flow and pressure for customers in this area.

The "No Action" alternative was rejected since the existing water main would continue to deteriorate causing continuous service disruptions, low pressures, leaks, and breaks.

The selected alternative involves the replacement of the existing 12-inch cast iron water main from Olive Street to Wabash Valley with approximately 5,000 feet of 12-inch ductile iron water main; see Figure 2.

Branch Street: The existing 2-inch galvanized water main has been in service since the 1960s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has caused a reduction in flow and pressure for customers in this area.

The "No Action" alternative was rejected since the existing water main would continue to deteriorate causing continuous service disruptions, low pressures, leaks, and breaks.

The selected alternative involves the replacement of the existing 2-inch galvanized water main from Pike Street to dead end with approximately 670 feet of 4-inch ductile iron water main; see Figure 3.

Elmwood Drive: The existing 6-inch cast iron water main has been in service since the 1940s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has caused a reduction in flow and pressure for customers in this area.

The "No Action" alternative was rejected since the existing water main would continue to deteriorate causing continuous service disruptions, low pressures, leaks, and breaks.

The selected alternative involves the replacement of the existing 6-inch cast iron water main from Harrison Street to dead end with approximately 575 feet of 6-inch ductile iron water main; see Figure 4.

IV. ESTIMATED PROJECT COST AND FUNDING

A. Selected Plan Estimated Cost Summary

Mill Street

Construction Costs

Construction Sub-Total	\$ 730,200
Contingencies (10%)	<u>73,000</u>
Construction Total	\$ 803,200

Non-Construction Costs

Survey	\$ 13,300
Engineering	12,100
INAWC Furnished Materials	114,300
Project Inspection	<u>23,800</u>
Non-Construction Total	\$ 163,500

Project Costs \$ 966,700

Branch Street

Construction Costs

Construction Sub-Total	\$ 115,900
Contingencies (10%)	<u>11,600</u>
Construction Total	\$ 127,500

Non-Construction Costs

Survey	\$ 3,200
Engineering	5,700
INAWC Furnished Materials	16,300
Project Inspection	<u>8,500</u>
Non-Construction Total	\$ 33,700

Project Costs \$ 161,200

Elmwood Drive

Construction Costs

Construction Sub-Total	\$ 126,000
Contingencies (10%)	<u>12,600</u>
Construction Total	\$ 138,600

Non-Construction Costs

Survey	\$ 2,300
Engineering	5,700
INAWC Furnished Materials	8,300
Project Inspection	<u>8,500</u>
Non-Construction Total	\$ 24,800

Project Costs \$ 163,400

Total Estimated Projects Cost \$1,291,300

- B. Indiana American Water will finance the project with a 20-year loan of approximately \$1,291,300 from the State Revolving Fund (SRF) Loan Program at an interest rate to be determined at the time of 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

The proposed water main replacement project will occur within the rights-of-way beneath or immediately adjacent to roads that have been previously disturbed. The construction width should be between five feet and twenty feet depending on the location. The project will not affect wetlands, wooded areas, surface waters, 100-year floodplain or prime farmland.

Construction and operation of the project will not alter, demolish, or remove historic properties. 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;" see Figure 5.

VI. PUBLIC PARTICIPATION

A public hearing was held on April 10, 2013 at 5:30 p.m. at the Wabash City Hall. No written comments were received in the 5-day period following the hearing.

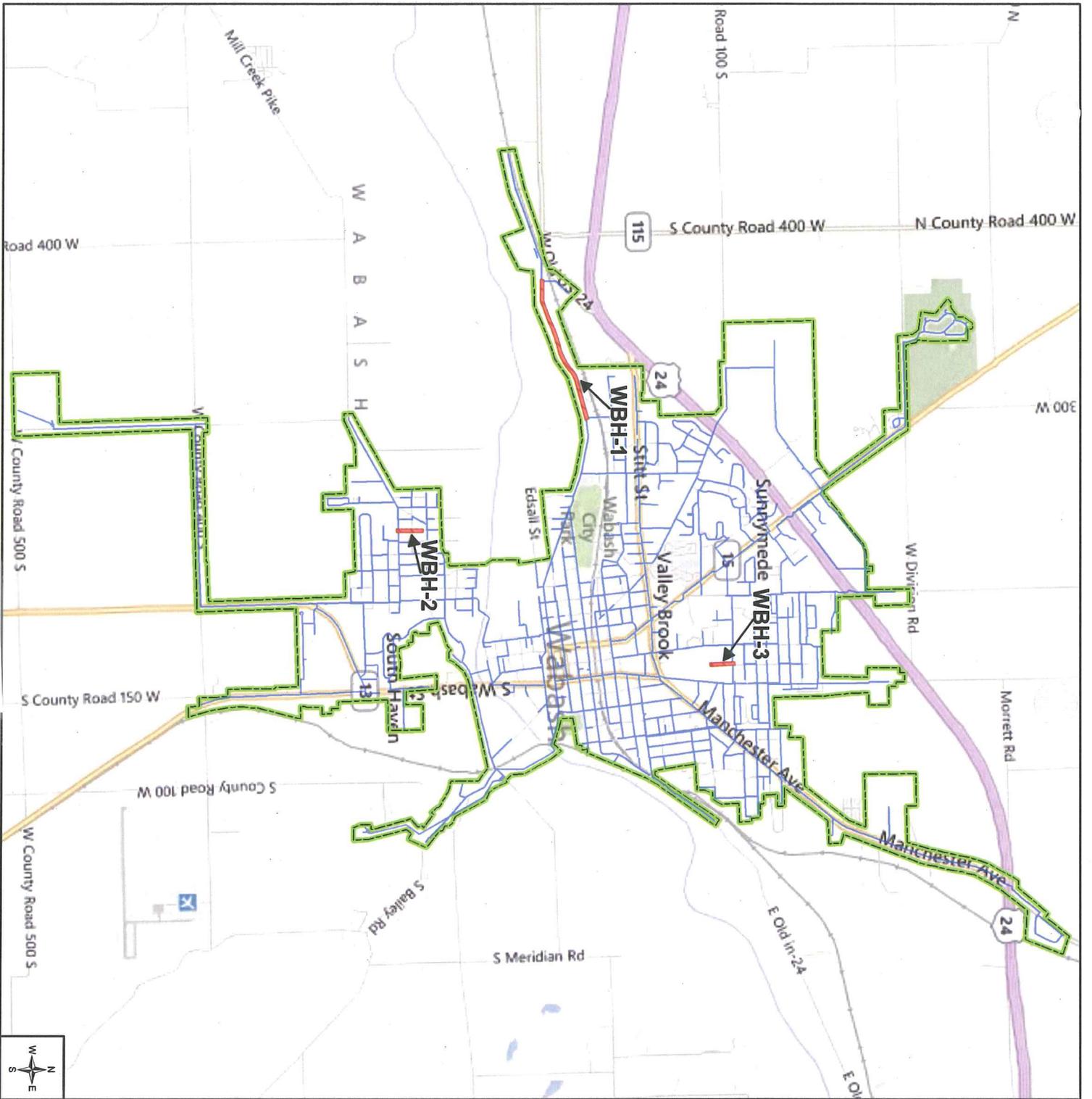
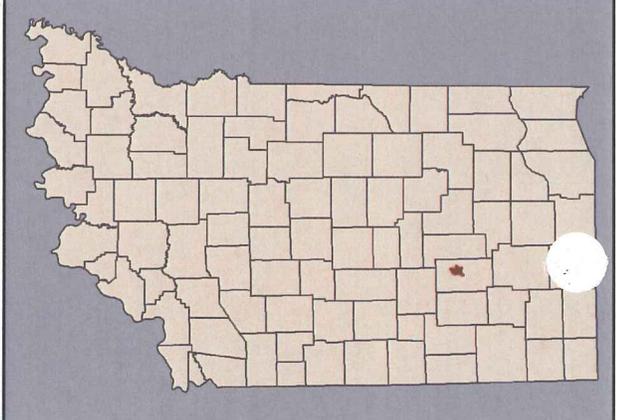


Figure 1



Legend
 Project Location
 Service Area

0 1,650 3,300 6,600
 Feet
 SCALE: 1" = 3,808'

**Wabash, Indiana
 Service Area**



**INDIANA
 AMERICAN WATER
 Wabash District**

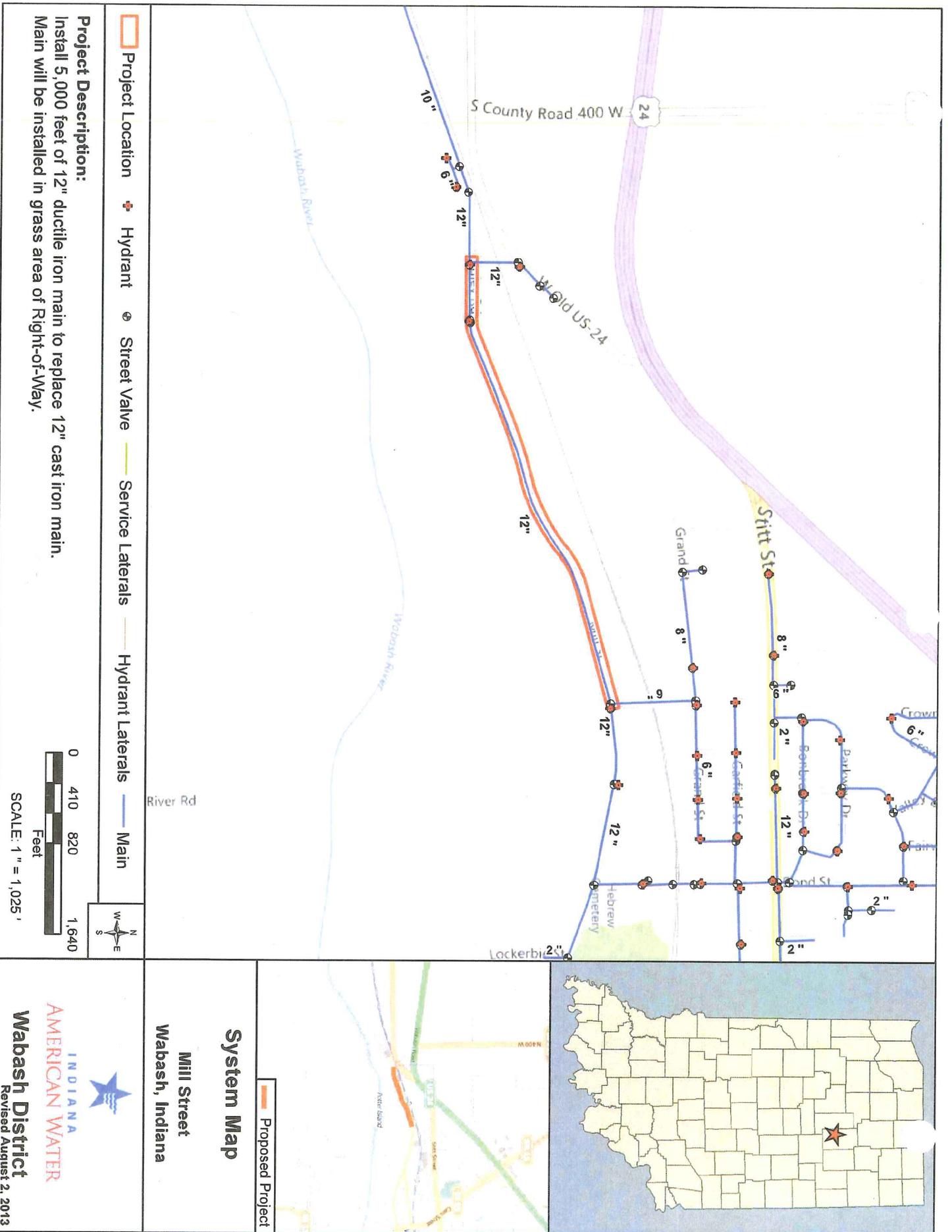


Figure 2

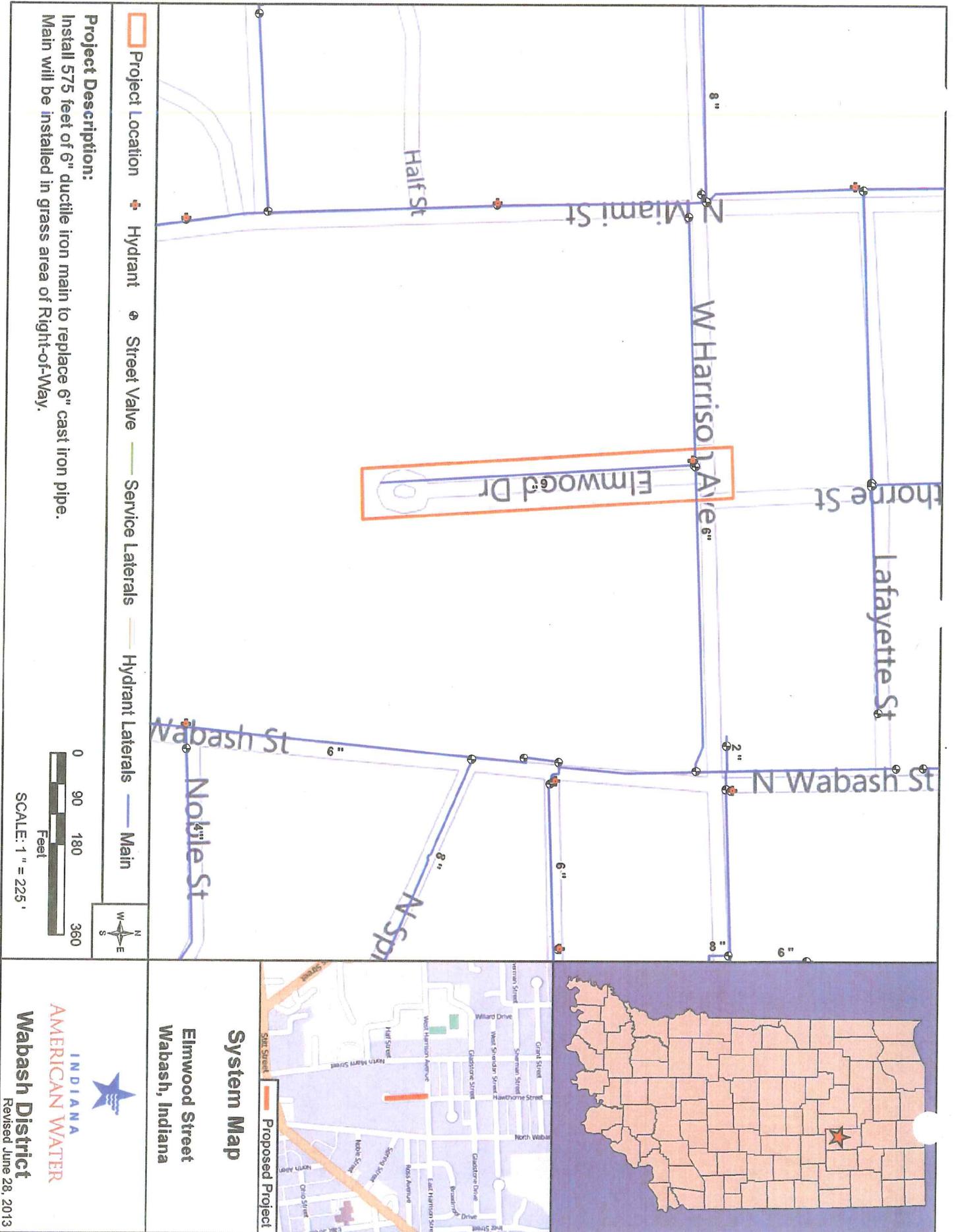
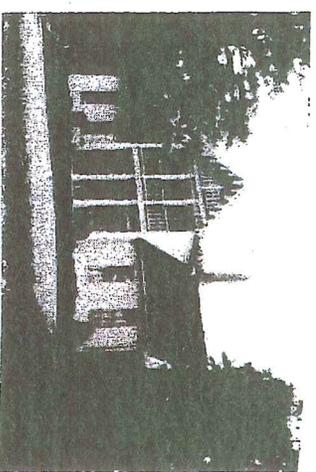
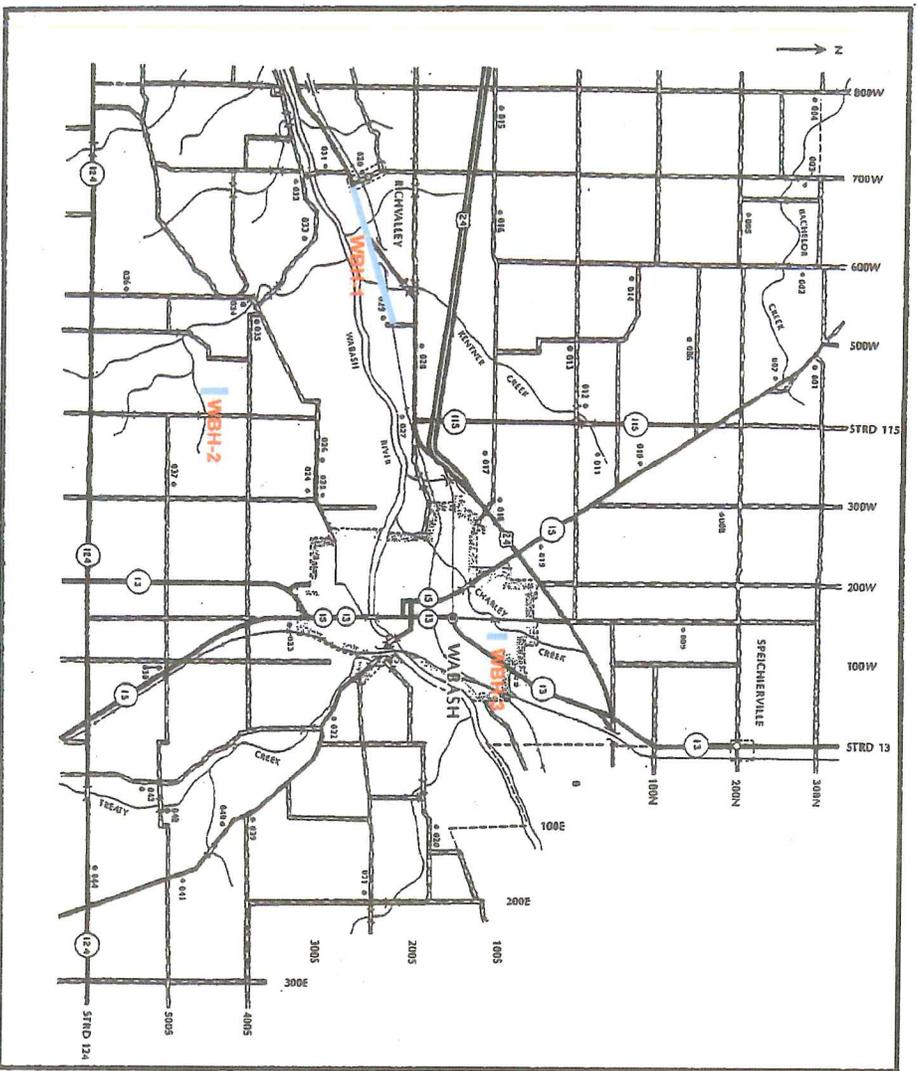


Figure 4

NOBLE TOWNSHIP [20001-044]



007

- 001 N FARM, State Road 15; Italianate, c.1880; Architecture (537)
- 002 N CONCRETE BLOCK HOUSE, 600 W; Prairie, c.1900; Architecture, Vernacular/ Construction (537)
- 003 C HOUSE, 700 W; Carpenter-Buildier/Eastlake, c.1900; Architecture (537)
- 004 C HOUSE, 800 W; Carpenter-Buildier/Eastlake, c.1900; Architecture (537)
- 005 N FARM, 200 N; Greek Revival, c.1850; Architecture (537)
- 006 C HOUSE, 150 N; Carpenter-Buildier/Eastlake, c.1900; Architecture (537)
- 007 O SILAS H. STONE HOUSE, State Road 15; Gothic Revival, c.1855; Architecture (537)
- 008 N FARM, 300 W; Carpenter-Buildier/ Queen Anne, 1900; Architecture (652)
- 009 C FARM, 150 W; Carpenter-Buildier, c.1900; Architecture (652)
- 010 N HOUSE, State Road 15; Italianate, c.1880; Architecture (652)

38 Figure 5: from the Wabash County Interim Report Historic Sites and Structures Inventory