



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
West Lafayette Water Main Replacement Project– Leslie Avenue
SRF # DW 13 16 79 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 Project – Leslie Avenue**
Indiana-American Water (INAWC) – West Lafayette
555 East County Line Road, Suite 201
Greenwood, IN 46143

SRF Project Number: DW13 16 79 01

Authorized Representative: Stacy Hoffman
Director of Engineering

II. PROJECT LOCATION

The proposed project is located along Leslie Avenue from Grant Street to Salisbury Street including Leslie Court and Wiley Drive. The project area is located in Tippecanoe County, Wabash Township, in the West Lafayette USGS quadrangle, T23N, R4W and section 18; see Figure 1.

III. PROJECT NEED AND PURPOSE

The existing 2- and 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 4-inch cast iron water main from N. Grant Street to N. Salisbury Street with approximately 1,260 feet of 8-inch ductile iron water main and closing the loop to N. Salisbury Street, while replacing the existing 2-inch cast iron water main on Leslie Court and Wiley Drive with approximately 545 feet of 4-inch ductile iron. The water main will be upsized to meet current customers' water demands as well as being based on hydraulic models that address flow rates, headloss and velocity requirements; see Figure 2.

IV. ESTIMATED PROJECT COST AND FUNDING

A. Selected Plan Estimated Cost Summary

Construction Costs

| | |
|---------------------------|------------------|
| Construction Sub-Total | \$325,500 |
| Contingencies (10%) | <u>32,500</u> |
| Construction Total | \$358,000 |

Non-Construction Costs

| | |
|-------------------------------|------------------|
| Surveys | \$ 4,700 |
| INAWC Furnished Materials | 27,100 |
| Project Inspection | <u>6,000</u> |
| Non-Construction Total | \$ 37,800 |

Total Estimated Project Costs \$ 395,800

- B. Indiana American Water will finance the project with a 20-year loan of approximately \$395,800 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, or 100-year floodplains and will not convert 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 3.

VI. PUBLIC PARTICIPATION

A public hearing was held on April 23, 2013 at 5:30 p.m. at the Indiana American Water Office in West Lafayette. No written comments were received in the 5-day period following the hearing.



Legend
 Project Location
 Service Area



SCALE: 1" = 5,192'

**West Lafayette, Indiana
 Service Area**



INDIANA
 AMERICAN WATER

West Lafayette District

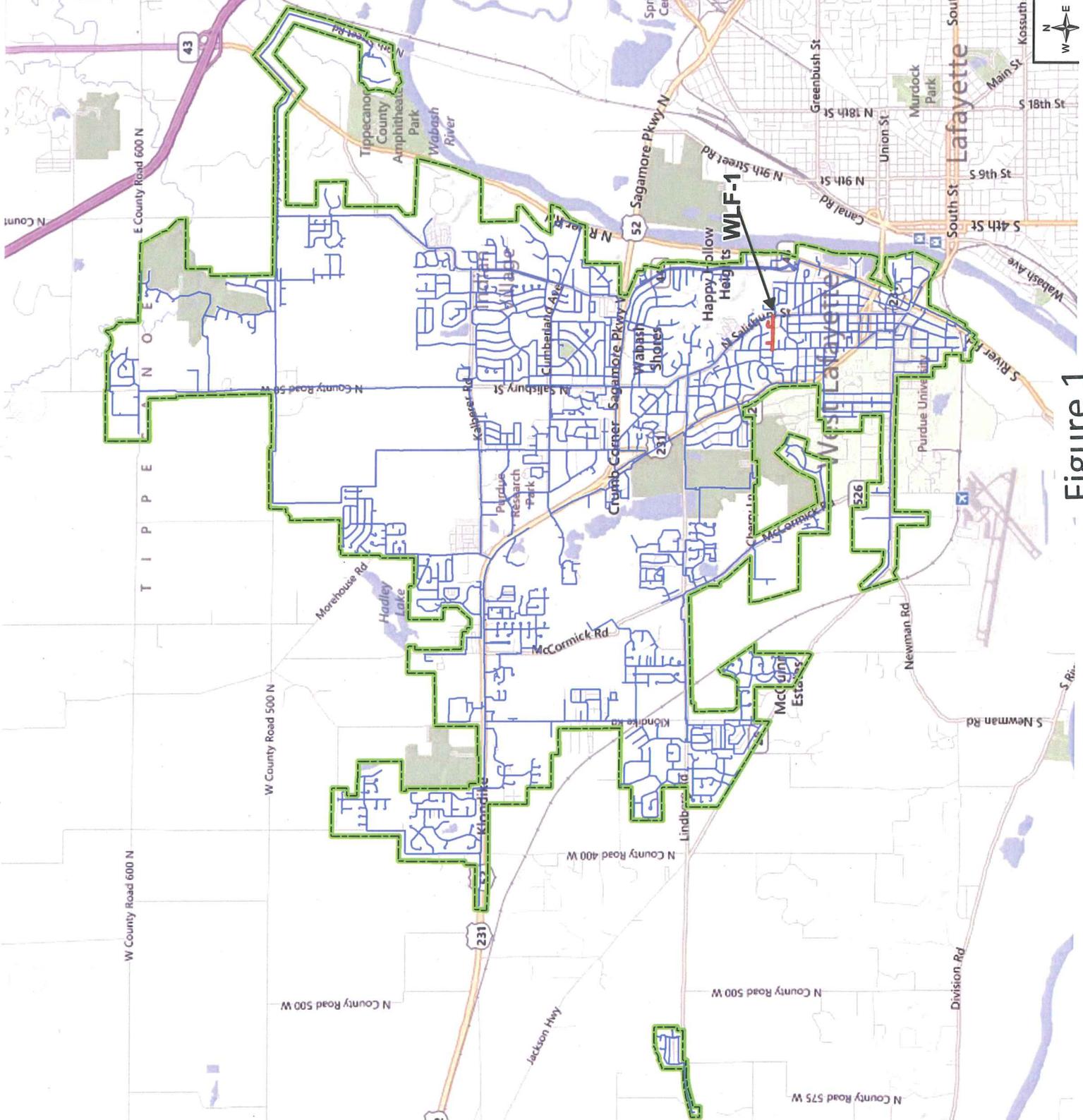


Figure 1

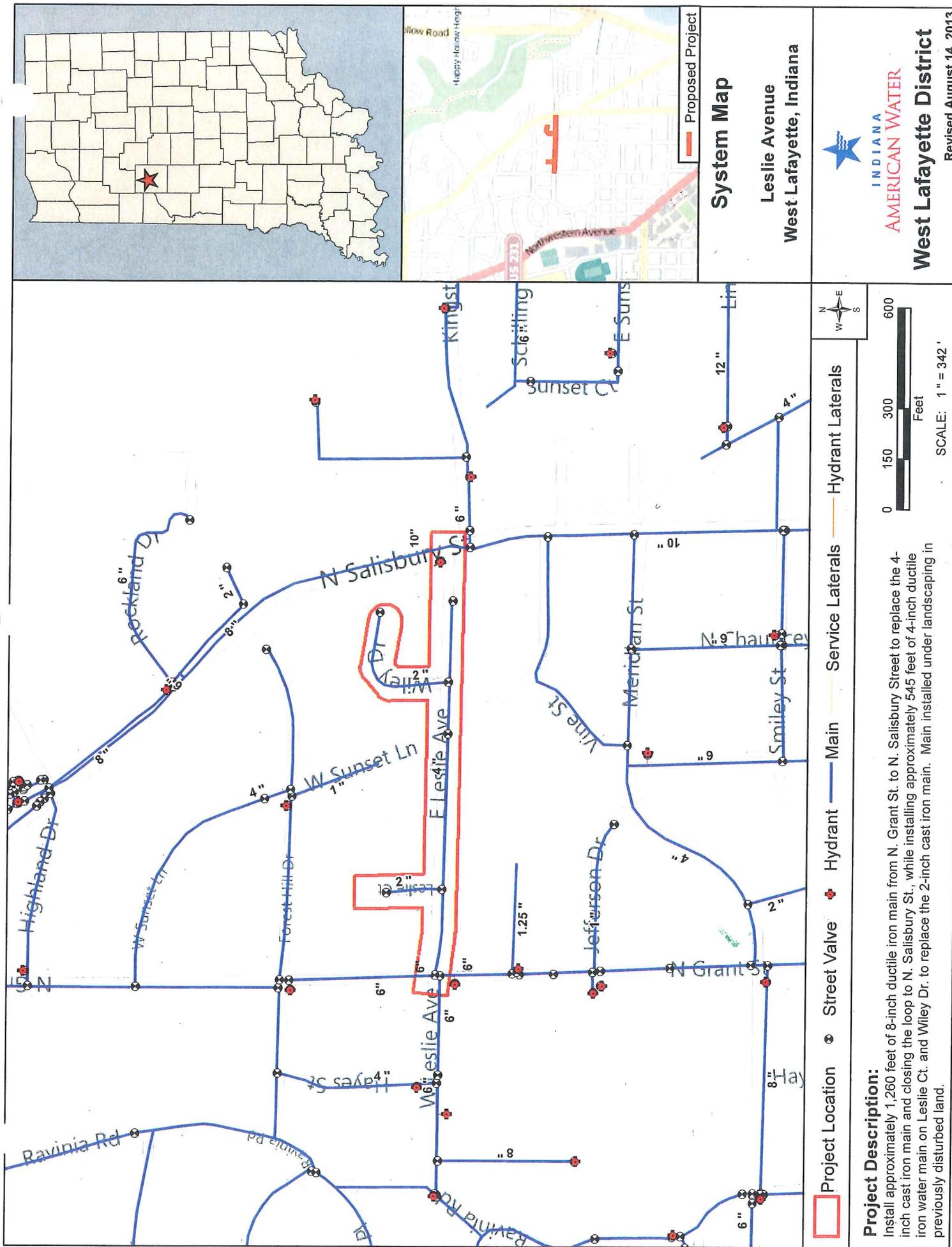
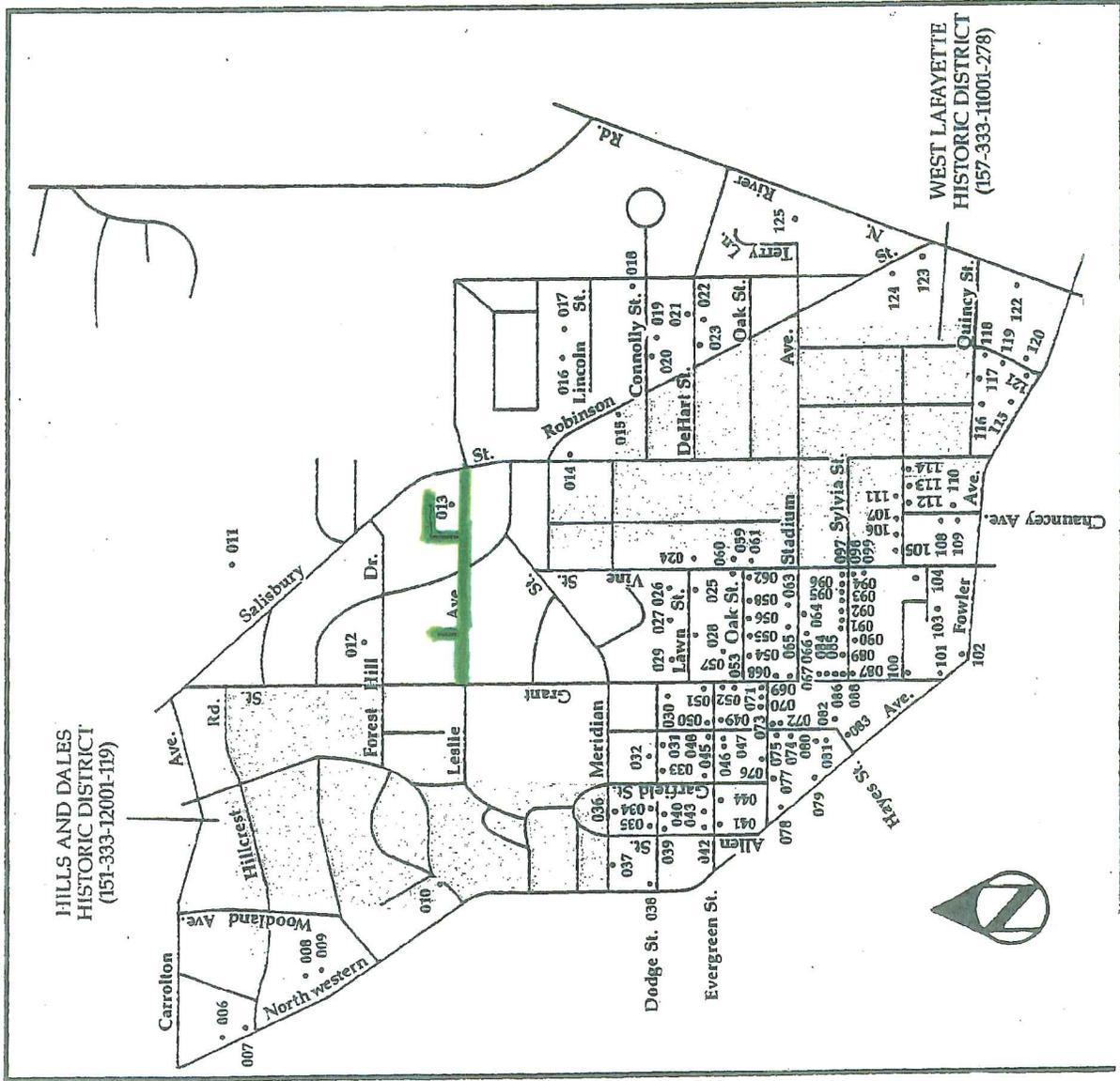


Figure 2

West Lafayette Scattered Sites (13001-125)



- 006 C House, 1510 Northwestern Avenue; Colonial Revival, c.1920; Architecture (333)
- 007 N House, 1500 Northwestern Avenue; French Eclectic, c.1930; Architecture (333)
- 008 C House, 1420 Northwestern Avenue; Bungalow, c.1920; Architecture (333)
- 009 C House, 1340 Northwestern Avenue; English Cottage, c.1920; Architecture (333)
- 010 O John Christian House, 1301 Woodlawn Avenue; Wrightian, 1954-1955 (Frank Lloyd Wright, architect); Architecture (333)



- 011 C Grandview Cemetery, N. Salisbury Street; Office: Craftsman Bungalow, 1903; Cemetery: 1900-present; Architecture, Religion (333)
- 012 C House, 316 Forest Hill Drive; Colonial Revival, c.1940; Architecture (333)
- 013 C House, Leslie Avenue; Queen Anne, c.1905; Architecture (333)
- 014 C House, 856 N. Salisbury Street; Bungalow, c.1920; Architecture (333)

Figure 3 : from Tippecanoe County Interim Report Historic Sites and Structures Inventory