



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

C. Covert

AUG 10 2021

Project Summary and Preliminary Environmental Impacts Determination

Loan Applicant: City of Aurora

IEPA Loan Project Numbers: L176015,
L176016, L176017, L176018, L176019

To all interested persons:

Section 662.330 of the Illinois Procedures for Issuing Loans from the Public Water Supply Loan Program requires that the Illinois Environmental Protection Agency (IEPA) conduct an assessment of the environmental impacts of proposed public water supply projects to be funded with loans. This review is carried out in conjunction with the Agency's review of the applicant's project plan.

Prior to final approval of the project plan, the public's comments are sought regarding environmental impacts of the proposed project. Unless new information obtained through the public comment process causes reconsideration, the Agency will approve the project plan at the close of the public comment period.

The applicant will make the attached Project Summary and Preliminary Environmental Impacts Determination (PEID) available for public inspection. Within 60 days of receiving this letter, the applicant must conduct a public hearing regarding both the PEID and project planning. Advertisement of the hearing must be made at least 10 days in advance. The advertisement must include the purpose of the project along with the date, time, and location of the hearing. A comment period of at least 10 days shall be provided after the hearing in which written comments may be submitted to the loan applicant or to the IEPA contact person identified in the attached document.

For information purposes only, a copy of this document is being provided to your local newspaper of record.

Your interest and participation in this process are appreciated.

Sincerely,

Heidi Allen
Pre-Construction Unit Manager
Infrastructure Financial Assistance Section
Bureau of Water

HA:EW N:\BOW\Grants\COM_DOCS\Covert\Aurora LSLR

Attachment

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
2009 Mall Street Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

Project Summary and Preliminary Environmental Impacts Determination

The following project summary and environmental assessment has been prepared by the IEPA to assist the loan applicant in complying with the public notice requirements. This report is based on information submitted to the IEPA by the City of Aurora. Sources of information include the following documents: City of Aurora – Lead Service Line Replacement (LSLR), prepared by the City of Aurora’s Engineering Division, dated March 2021.

Part I – Project Information

Project Name: Lead Service Line Replacement

Project Number: L176015, L176016, L176017, L176018, L176019

Loan Applicant: City of Aurora

County: DuPage

Current Population: 197,757

Future Population (20 year): 197,757

Number Service Connections: 46,580

Project Description: The City of Aurora currently replaces lead service lines as needed based on water leaks or construction requirements. The City has a lead service line replacement program in place, but it has been limited to only 100 services per year. The homeowner is currently responsible for funding the lead line replacement at their residence from the b-box to the water meter. The City is seeking a loan for full lead service replacement at various locations throughout the City with the goal being replacement of approximately 500 to 1,500 services over the next 5 years provided LSLR funding is available.

Project Location: The project will be City-wide. Location maps for service replacements in all wards are attached.

Project Justification: Service lines are small pipes that carry drinking water from the water mains into homes. Older service lines may be constructed from lead. Household plumbing fixtures and faucets made prior to 1986 may also contain lead. Lead can enter drinking water when corrosion of pipes and/or fixtures occurs. Lead is a toxic metal that can accumulate in the body over time. The adverse health effects of lead exposure in children and adults are numerous and well documented. Eliminating lead service lines will reduce exposure to residents living in homes currently utilizing lead service lines.

Estimated Construction Start: The project will be phased over 5 years. The first phase is anticipated to begin January of 2022.

Estimated Completion Date: The expected completion date for the final phase is June 2027.

Project Cost Estimate: The total project cost (full 5-year plan) is approximately \$19,987,500, with each phase totaling \$4,000,000.

Part II – Project Affordability for Residents and Utility Customers

The City of Aurora is proposing to finance the projects loans from the Public Water Supply Loan Program (PWSLP). A \$4,000,000 loan with an estimated interest rate of 1.11% for a twenty (20) year period would have an annual repayment of approximately \$223,113. The interest rate adjusts annually on July 1st. All loans are subject to the interest rate in effect at the time a loan agreement is issued.

The loan program rules include provisions for incentives such as reduced interest rates, partial principal forgiveness, and extended repayment periods for qualifying applicants. The criteria used to determine incentive qualification are found in Sections 662.210 and 662.250 of the Procedures for Issuing Loans from the PWSLP which is available on the Agency's website. The final decision for incentive qualification will be determined at the time a loan agreement is issued using updated Census Bureau and Department of Labor data. Using current data, the applicant is eligible for the environmental discount reduction in the interest rate. The Agency adjusts qualifying criteria annually on July 1st.

In addition, the City qualifies for principal forgiveness for lead service line replacement. For FY2022, the maximum amount is \$4 million. The maximum amount may change in FY2023 and beyond.

Source of Loan Repayment:

The City intends to fund the project through the Illinois EPA's Lead Service Line Replacement (LSLR) program. Should LSLR funding not be available, the City will explore alternate funding at that time.

Current Average Monthly Residential Water Use: 600 cubic feet

Current Average Monthly Residential Cost of Service: \$35.43

Projected Average Monthly Residential Cost of Service: \$35.43

How is the monthly residential rate/cost of service calculated?

Users are charged \$4.15 per 100 cubic feet of water used plus a monthly service fee of \$10.53 for a ¾" diameter meter, resulting in an average monthly cost of \$35.43

Median Household Income (MHI): \$71,749

Percentage of MHI needed to pay the projected average annual residential cost of service:

0.59%

Financial Evaluation of the proposed project:

To evaluate the costs of the proposed project for the community, a percentage comparison of MHI to the average, annual cost for water service is utilized. The projected average annual water cost per customer of \$425.16 is 0.59% of the MHI for the City. The percentage is for comparison only and has no impact on whether a project qualifies for funding from the IEPA. The percentage comparison and MHI are two of several criteria used to determine whether a loan project qualifies for interest rate reductions or principal forgiveness.

Part III – Environmental Issues Associated With the Project**Project construction impacts:**

Temporary adverse environmental impacts such as construction-associated noise, blowing dust, air emissions, soil erosion, and minor traffic disruptions will likely occur during construction. These temporary impacts will be minimized through provisions defined in the plans (i.e. implementation of soil erosion controls, proper traffic control, set construction hours).

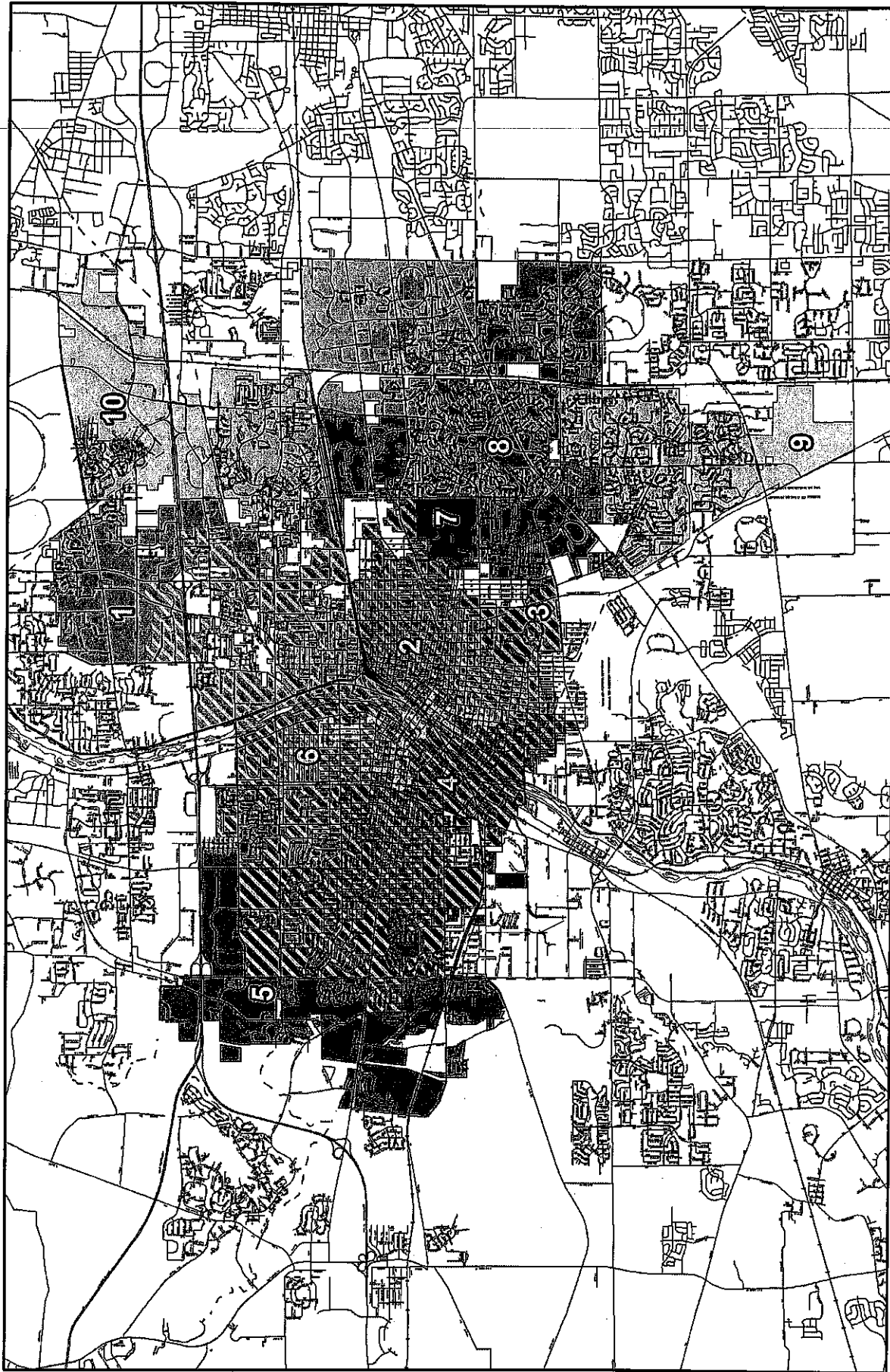
Illinois Department of Natural Resources:

The loan applicant submitted project information to the Illinois Department of Natural Resources (IDNR), State Historic Preservation Office (SHPO), for consultation under Section 106 of the National Historic Preservation Act of 1966. The Department has concluded that adverse effects are unlikely.

The loan applicant submitted project information to the IDNR Division of Ecosystems and Environment to determine compliance with the Illinois Endangered Species Act, Illinois Natural Areas Preservation Act, the Illinois Wetlands Act, and Title 17 Ill. Adm. Code Parts 1075 and 1090. The Department has concluded that adverse effects are unlikely.

Public comments are invited on the proposed project. For further information, contact:

Chris Covert, Project Manager
Infrastructure Financial Assistance Section
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276
(217)782-2027



19,113 Potential Lead Services

Contours

Paths

Railroads

For Road

City Limits

Lead Service Area

Historic Districts

Wards

1

2

3

4

5

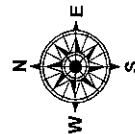
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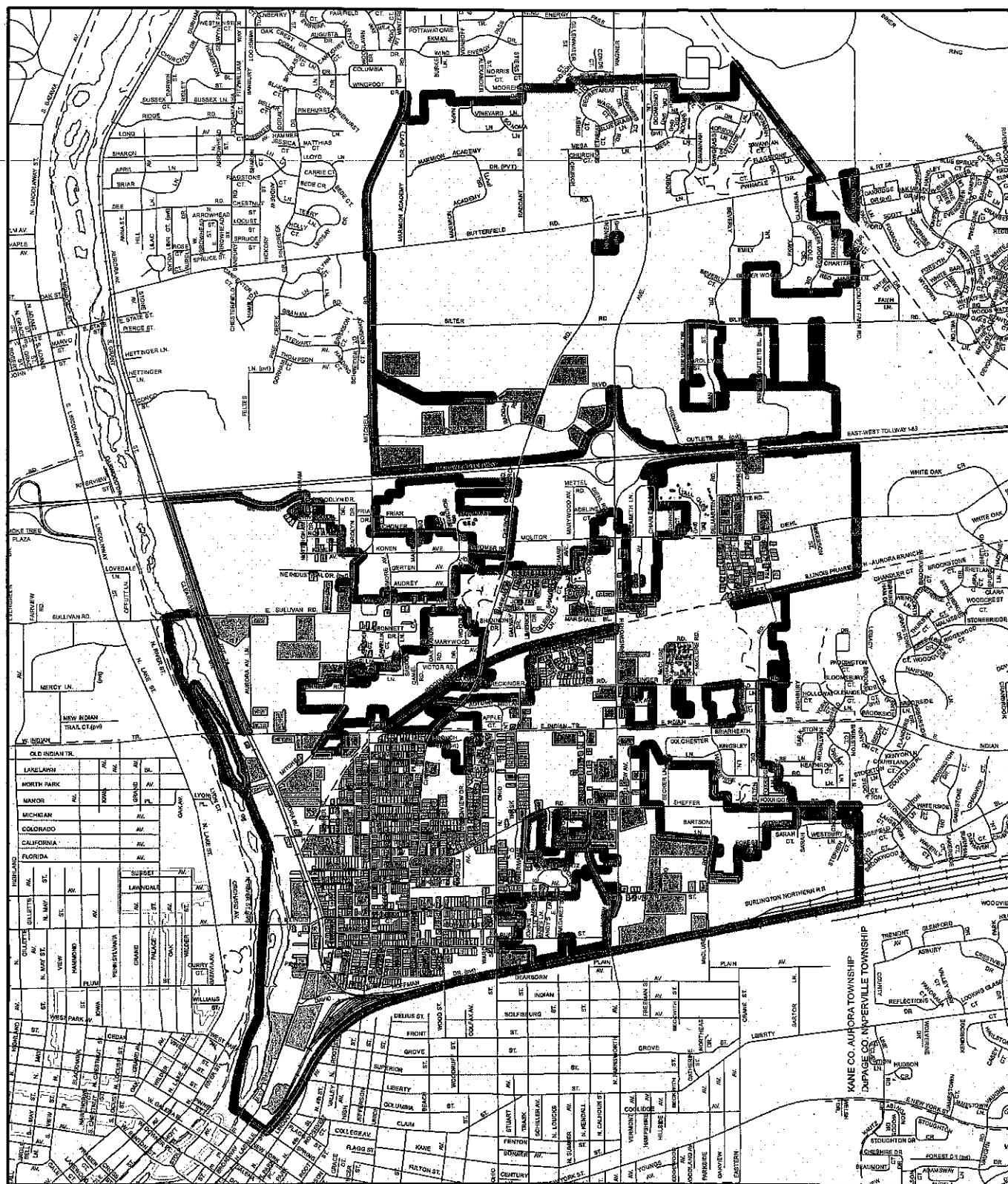


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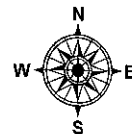
Lead Services by Ward



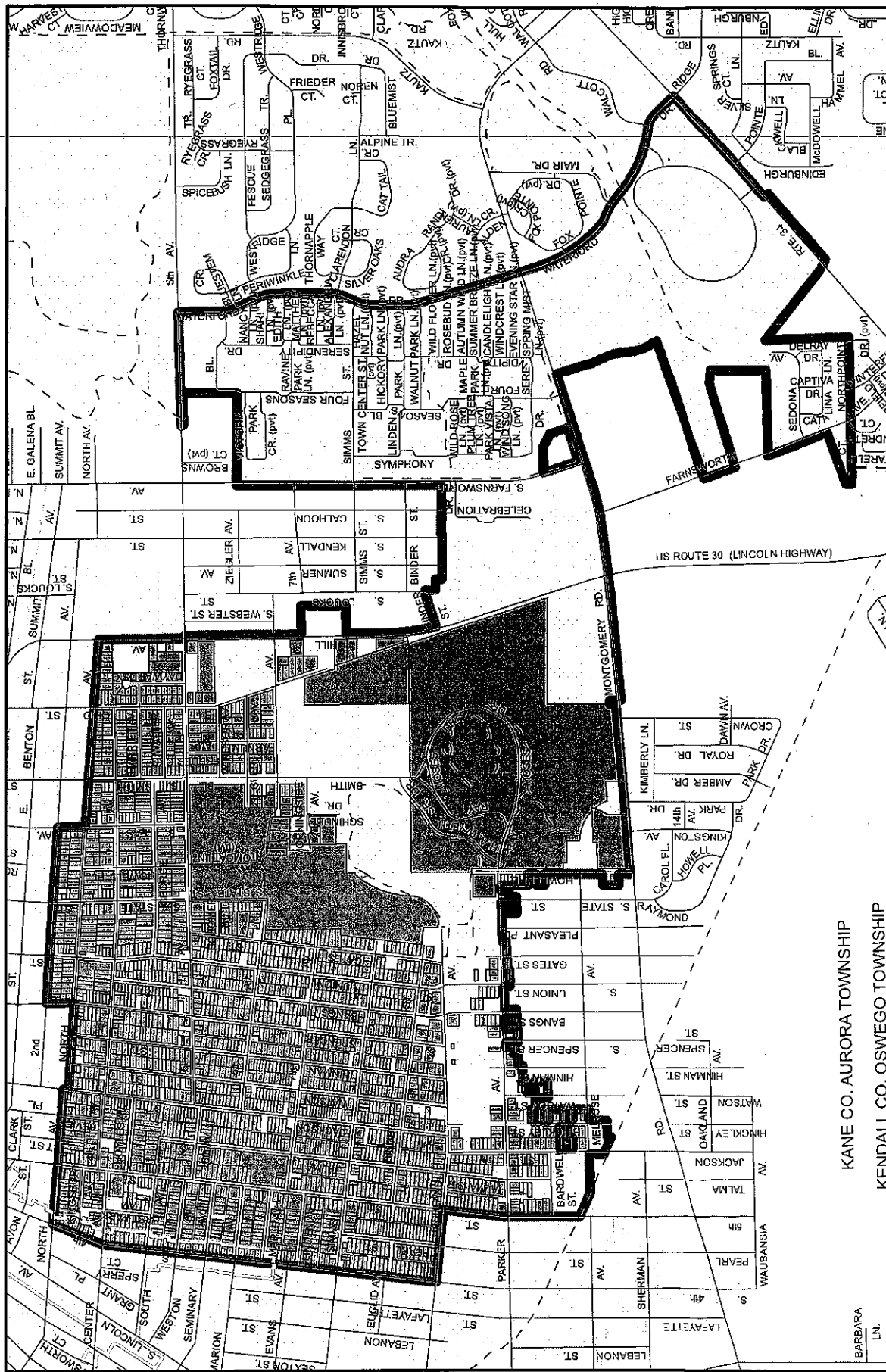
1,775 Potential Lead Services

-  Centerlines  Fox River
 Paths  City Limits
 Railroads Ward Boundary
 Lead  Historic Districts

Ward 1 Lead Services



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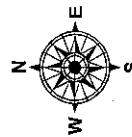


KANE CO. AURORA TOWNSHIP

KENDALL CO. OSWEGO TOWNSHIP

2,526 Potential Lead Services

- Centerlines
- Paths
- Railroads
- Lead
- Fox River
- City Limits
- Ward Boundary
- Historic Districts

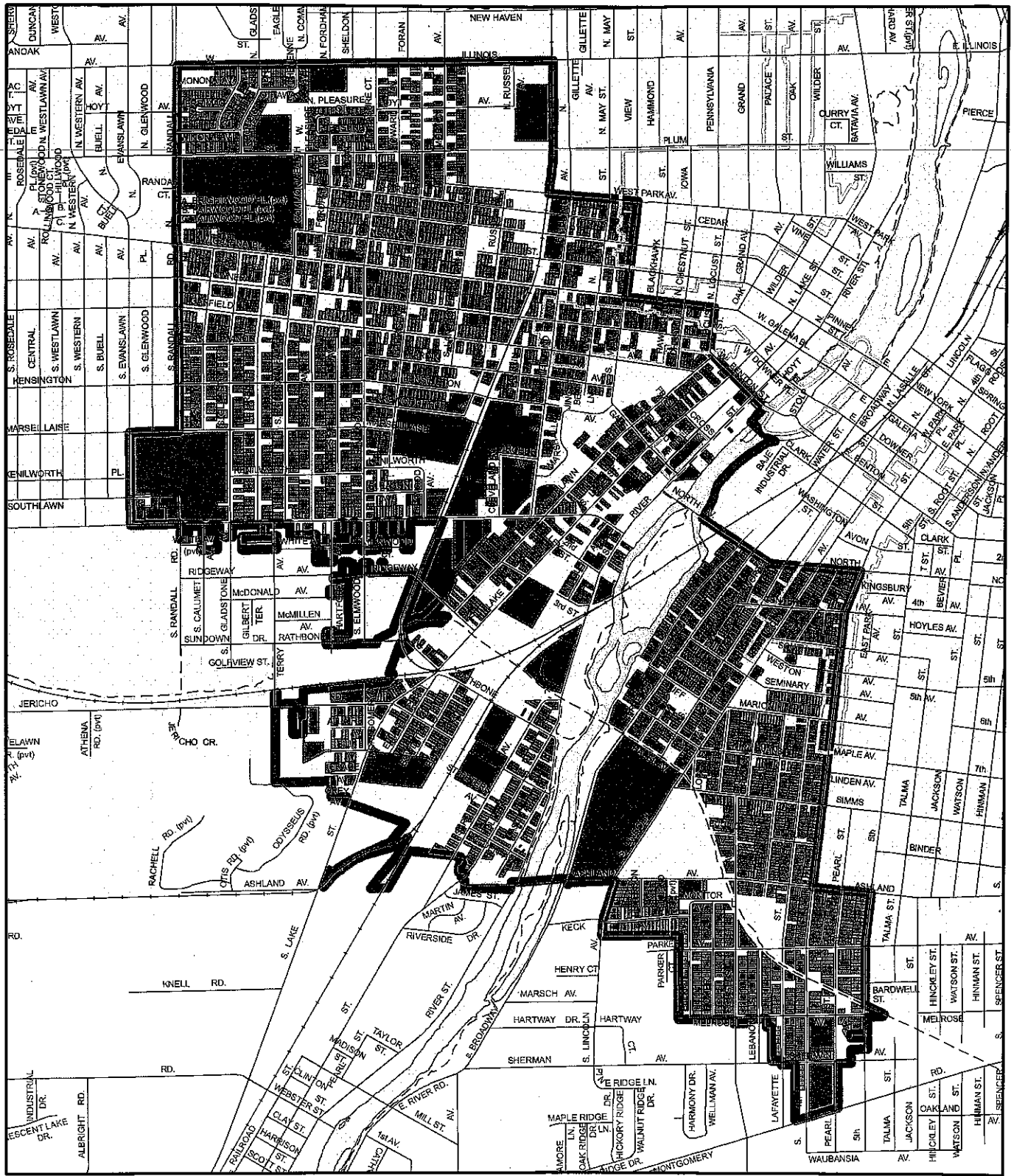


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Ward 3 Lead Services

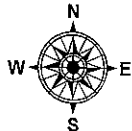




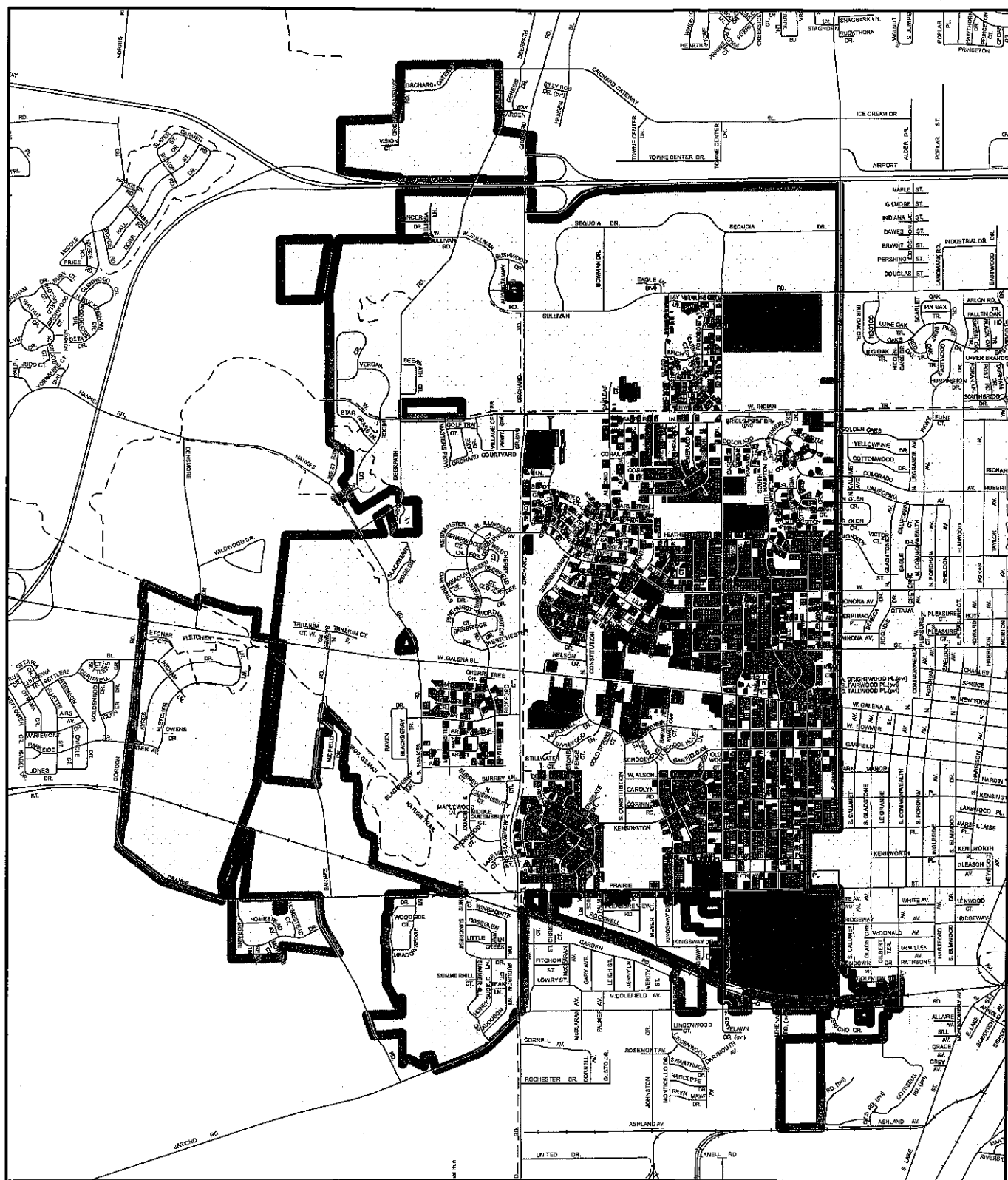
4,094 Potential Lead Services

- Centerlines
- - - Paths
- Railroads
- Lead
- Fox River
- City Limits
- Ward Boundary
- Historic Districts

Ward 4 Lead Services



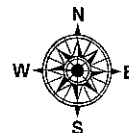
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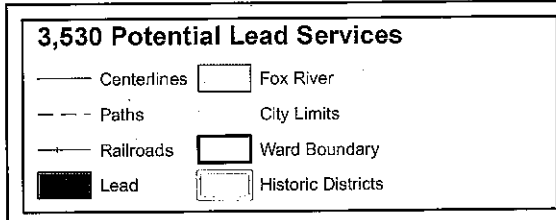
2,582 Potential Lead Services

-  Centerlines  Fox River
 Paths  City Limits
 Railroads  Ward Boundary
 Lead  Historic Districts

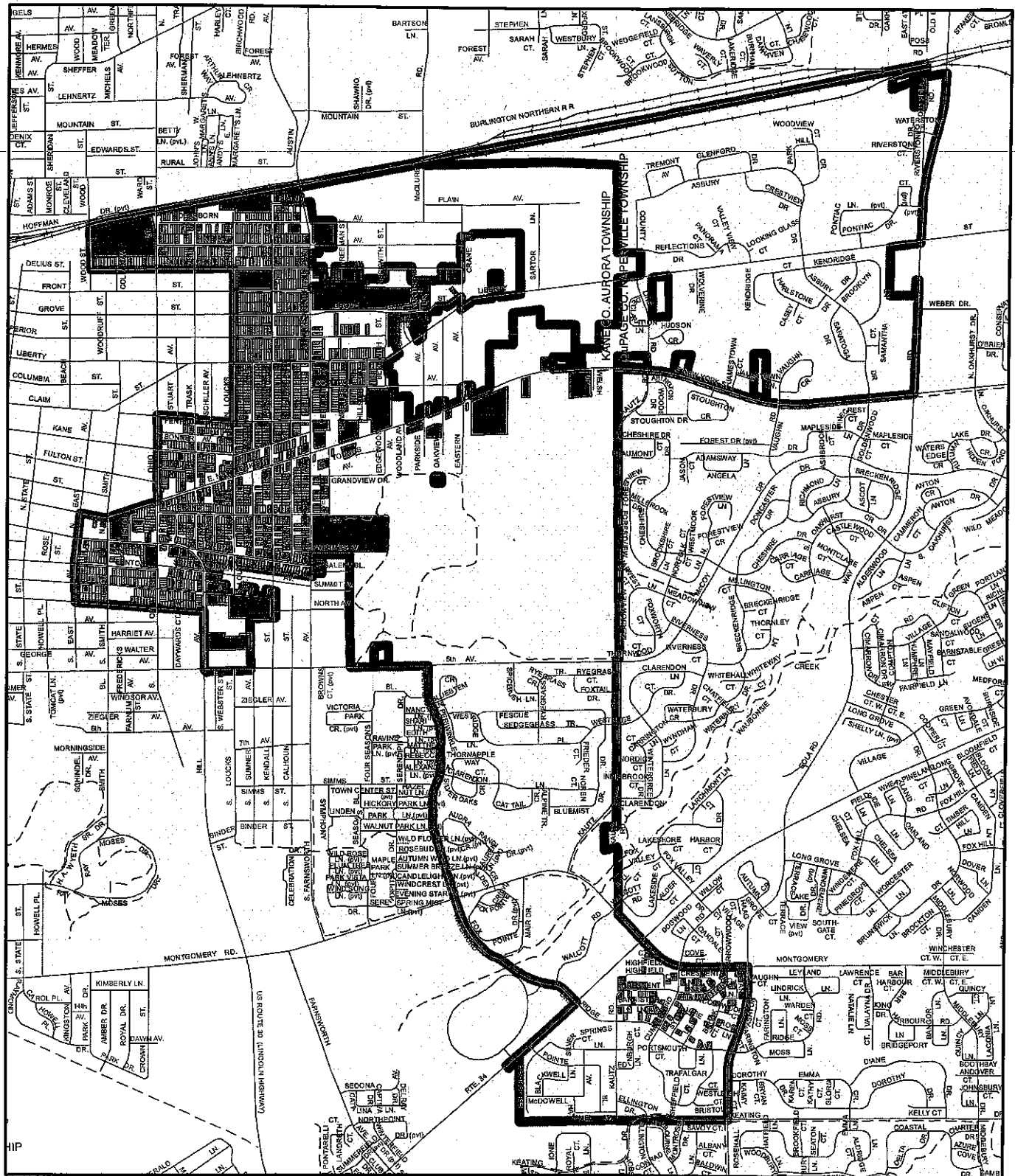
Ward 5 Lead Services



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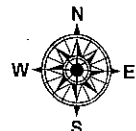
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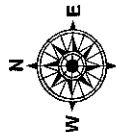
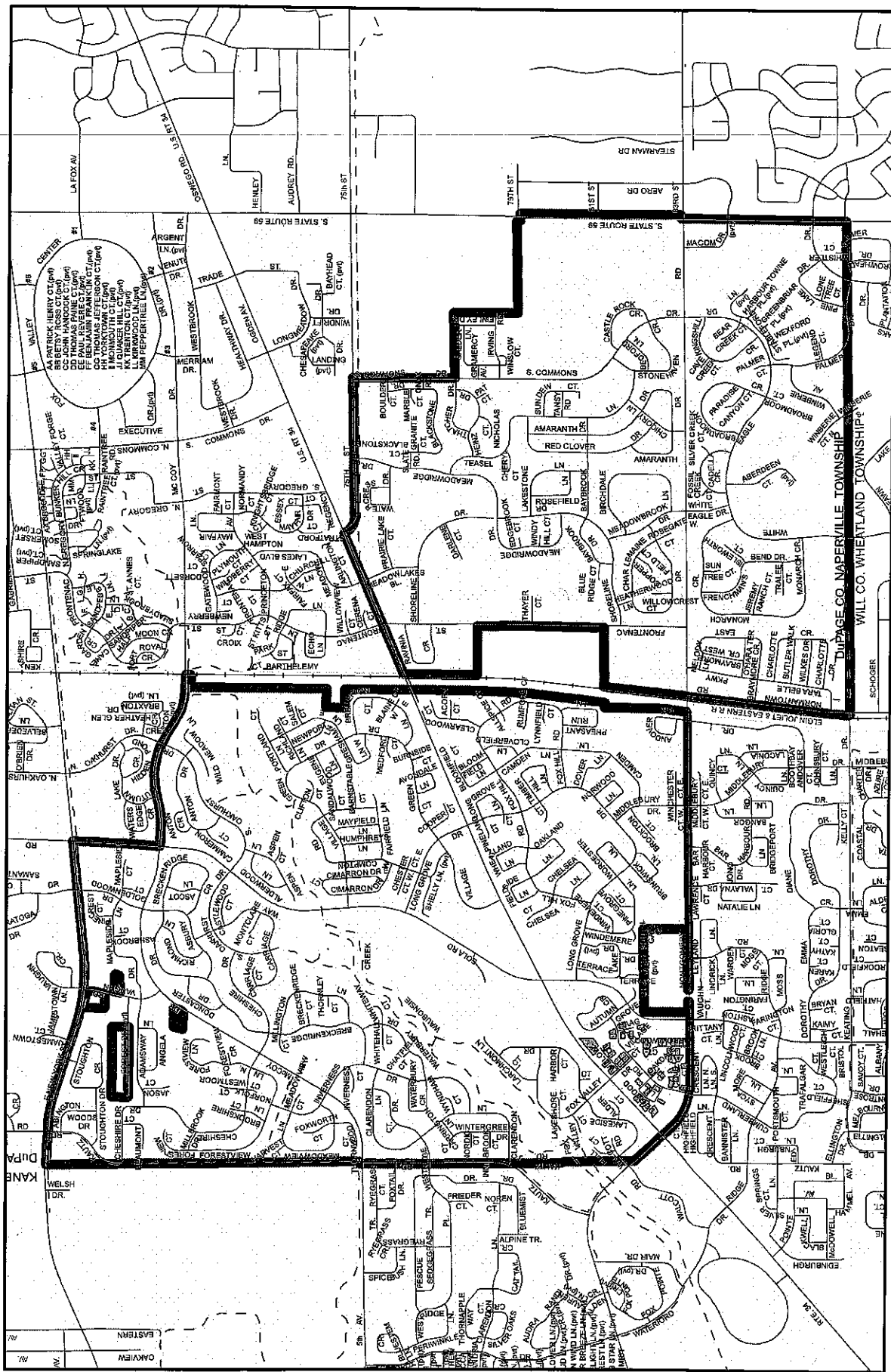
1,592 Potential Lead Services

- Centerlines
- - - Paths
- Railroads
- Lead
- Fox River
- City Limits
- Ward Boundary
- Historic Districts

Ward 7 Lead Services



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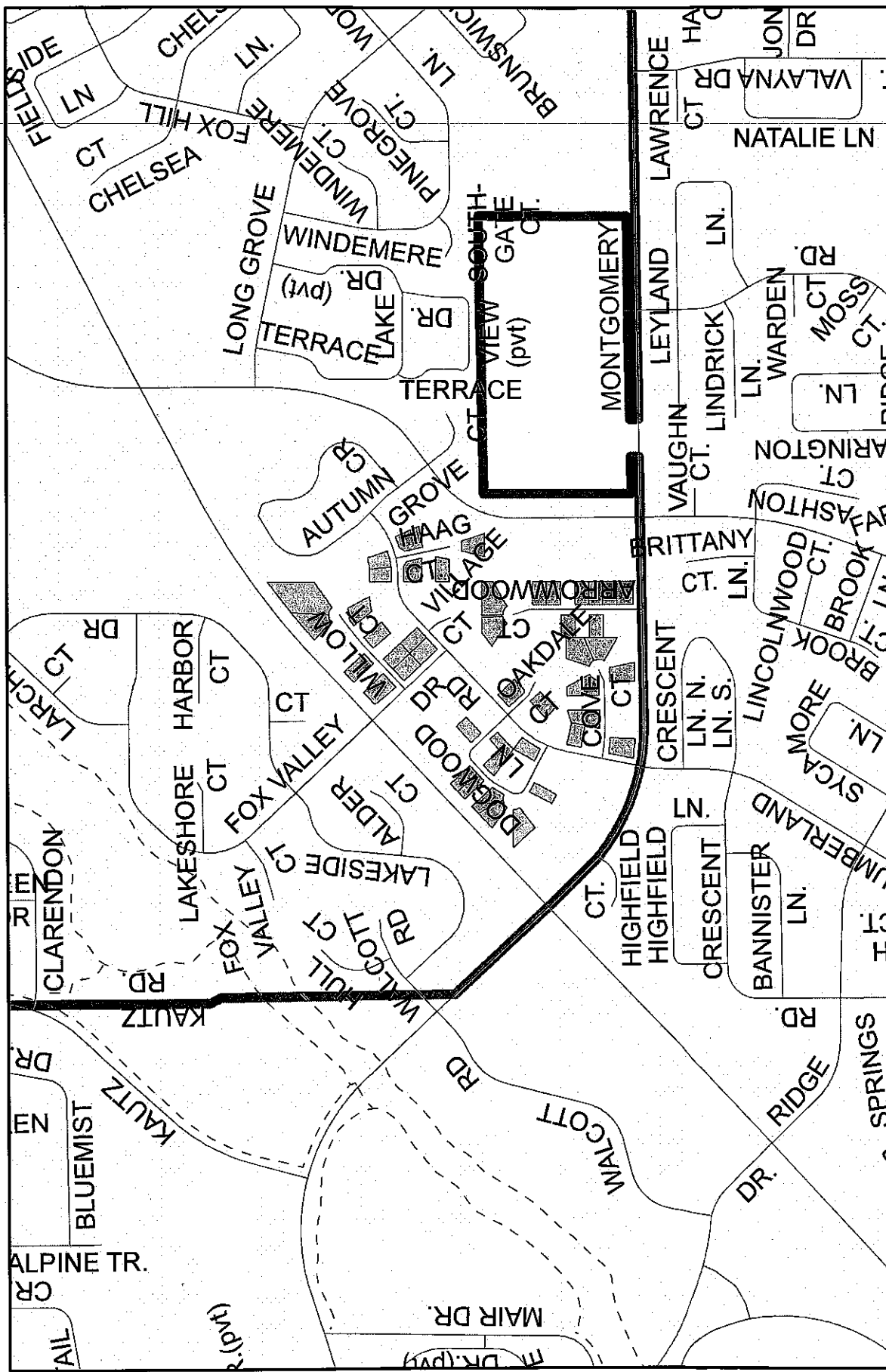
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Not To Scale

Ward 8 Lead Services

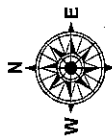
45 Potential Lead Services

- Centerlines
- Paths
- Railroads
- Lead
- Fox River
- City Limits
- Ward Boundary
- Historic Districts

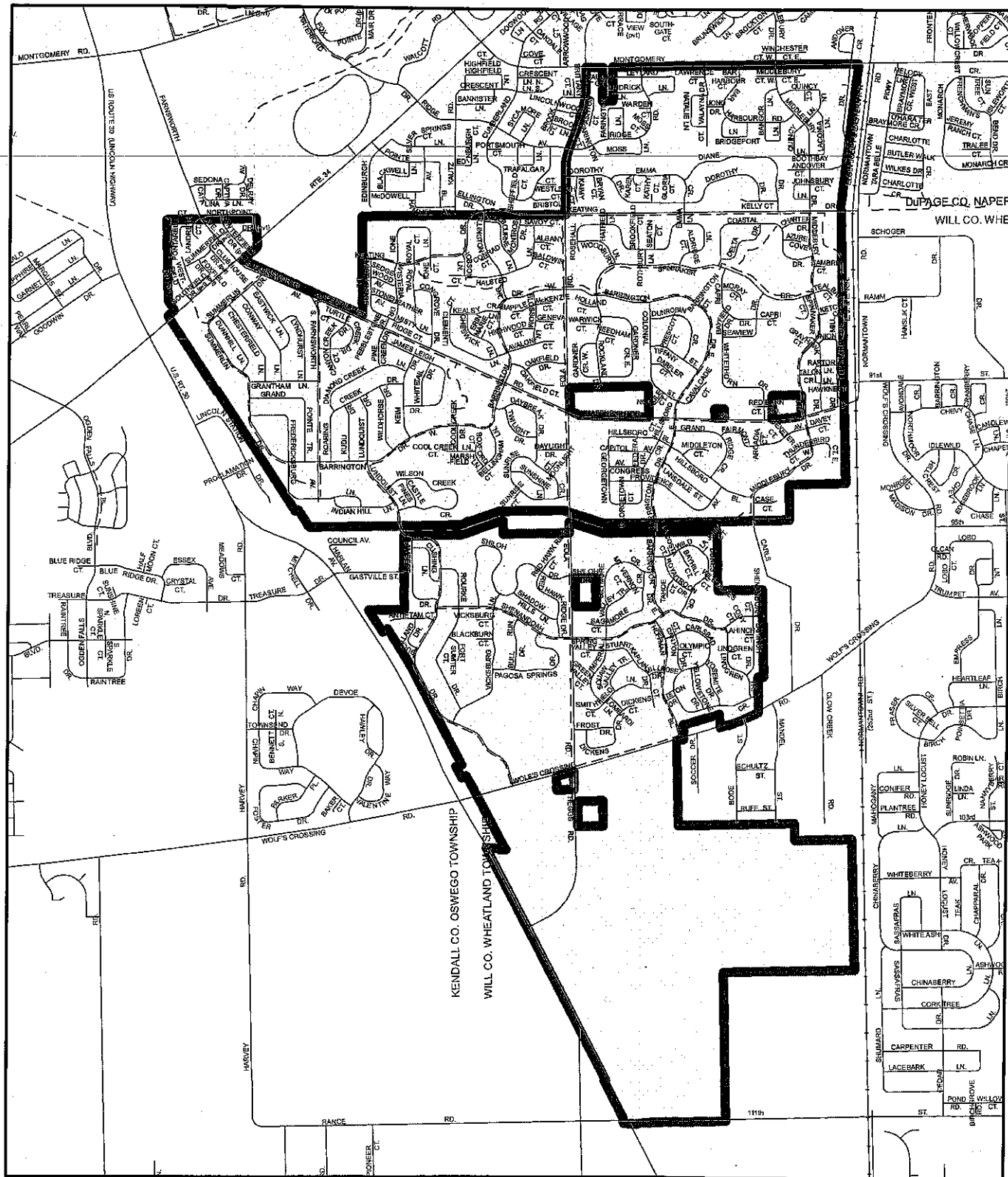


- 45 Potential Lead Services**
- Centerlines
 - Paths
 - Railroads
 - Lead
 - Fox River
 - City Limits
 - Ward Boundary
 - Historic Districts

Ward 8 Lead Services (SW Corner)



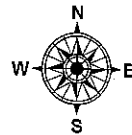
Prepared By: The City of Aurora GIS Div.



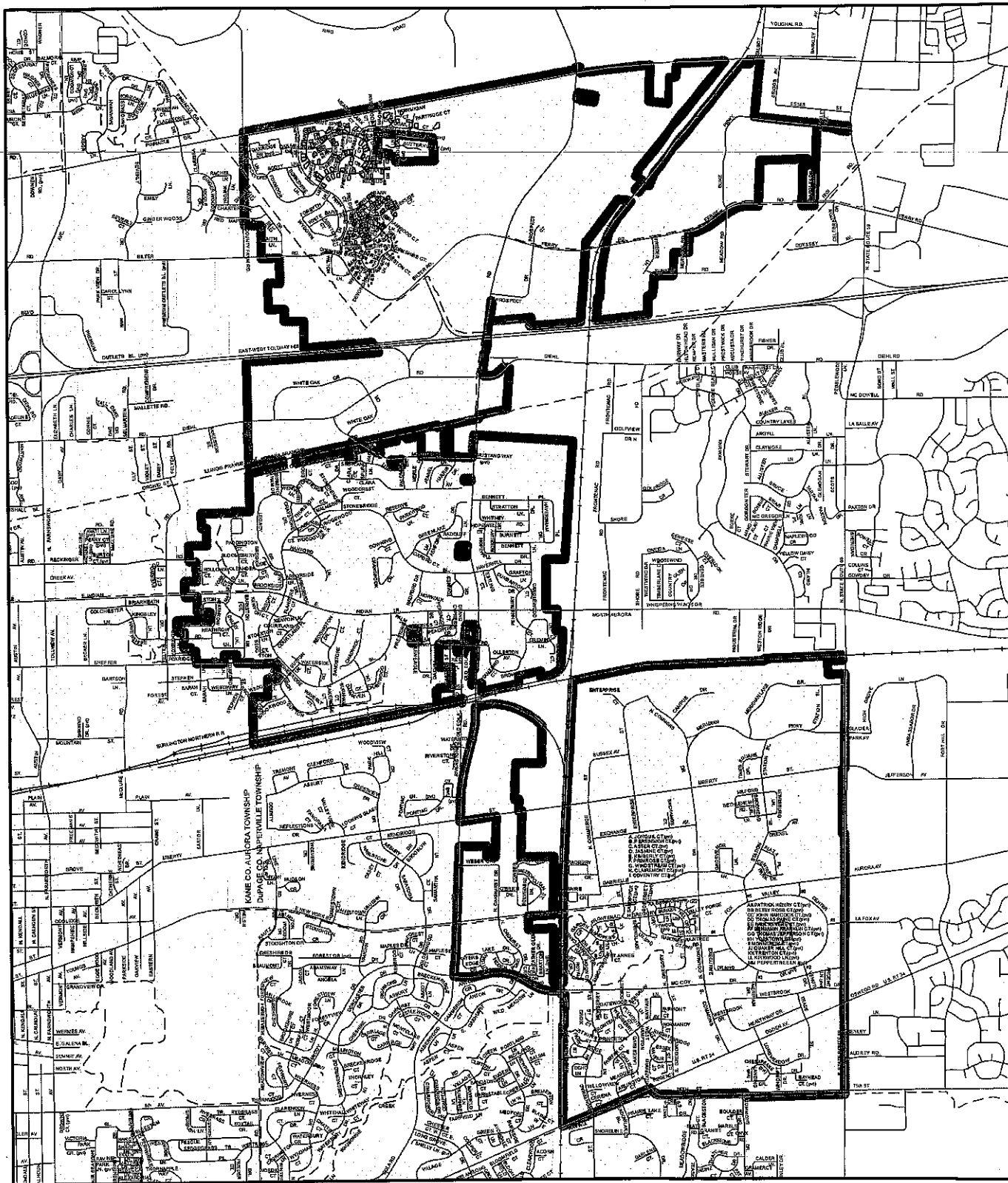
0 Potential Lead Services

- Centerlines
- - - Paths
- Railroads
- Fox River
- City Limits
- Historic Districts
- Ward Boundary

Ward 9 Lead Services



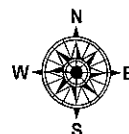
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222 Potential Lead Services

- Centerlines
- Paths
- Railroads
- Lead
- Fox River
- City Limits
- Ward Boundary
- Historic Districts

Ward 10 Lead Services

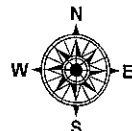


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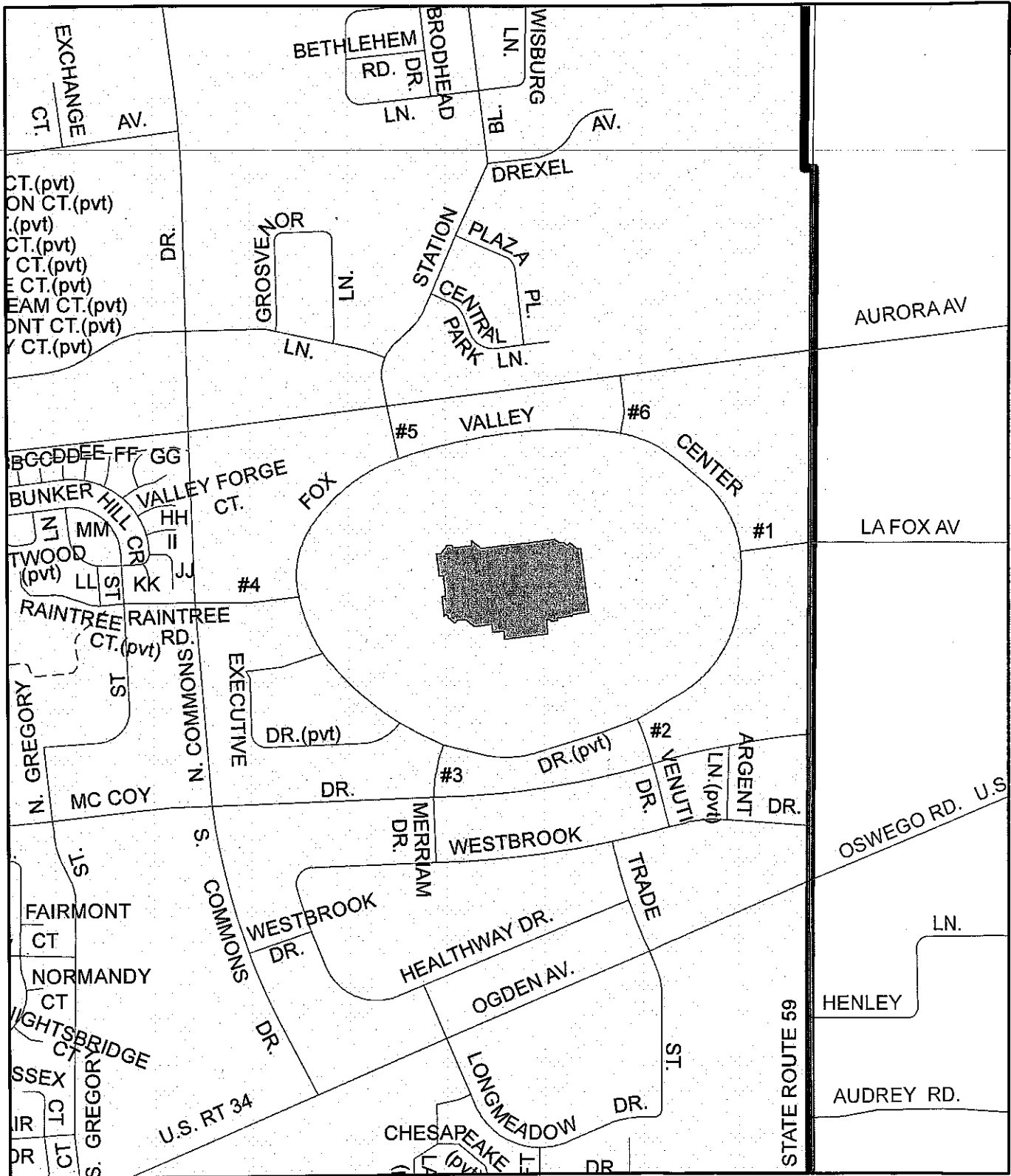
Potential Lead Services

- Centerlines Fox River
 Paths  City Limits
 Railroads  Ward Boundary
 Lead Historic Districts

**Ward 10
Lead Services
(NW Corner)**



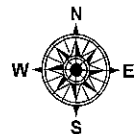
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The City of Aurora GIS Div.



Potential Lead Services

- Centerlines
- - - Paths
- Railroads
- █ Lead
- Fox River
- City Limits
- Ward Boundary
- Historic Districts

Ward 10 Lead Services (SE Corner)



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