

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

**WALWORTH COUNTY
METROPOLITAN SEWERAGE
DISTRICT/ELKHORN SANITARY
SEWER SERVICE AREA**

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

MARCH 1995

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REGIONAL PLANNING COMMISSION**

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SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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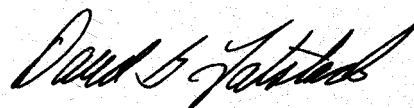
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SUBJECT: Certification of Amendment to the Adopted Regional Water Quality Management Plan (Walworth County Metropolitan Sewerage District/City of Elkhorn)

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Walworth, the City of Elkhorn, the Towns of Delavan, Geneva, LaFayette and Sugar Creek, and the Walworth County Metropolitan Sewerage District

This is to certify that at the quarterly meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Racine County Highway and Office Building, Ives Grove, Wisconsin, on the 1st day of March 1995, the Commission did by unanimous vote by all Commissioners present, being 15 ayes and 0 nays, and by appropriate Resolution, a copy of which is made a part hereof and incorporated by reference to the same force and effect as if it had been specifically set forth herein in detail, adopt an amendment to the regional water quality management plan, which plan was originally adopted by the Commission on the 12th day of July 1979, as part of the master plan for the physical development of the Region. Said amendment to the regional water quality management plan pertains to the Walworth County Metropolitan Sewerage District and the City of Elkhorn and consists of the documents attached hereto and made a part hereof. Such action taken by the Commission is recorded on, and is a part of, said plan, and the plan as amended is hereby transmitted to the constituent local units of government for consideration, adoption, and implementation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and cause the Seal of the Southeastern Wisconsin Regional Planning Commission to be hereto affixed. Dated at the City of Waukesha, Wisconsin, this 2nd day of March 1995.



David B. Falstad, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:



Kurt W. Bauer, Deputy Secretary

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RESOLUTION NO. 95-7

RESOLUTION OF THE SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION AMENDING THE ADOPTED REGIONAL WATER QUALITY MANAGEMENT PLAN, THAT PLAN BEING A PART OF THE MASTER PLAN FOR THE PHYSICAL DEVELOPMENT OF THE REGION COMPRISED OF THE COUNTIES OF KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WALWORTH WASHINGTON, AND WAUKESHA IN THE STATE OF WISCONSIN (ELKHORN SANITARY SEWER SERVICE AREA)

WHEREAS, pursuant to Section 66.945(10) of the Wisconsin Statutes, the Southeastern Wisconsin Regional Planning Commission, at a meeting held on the 12th day of July 1979, duly adopted a regional water quality management plan as documented in the three-volume SEWRPC Planning Report No. 30, A Regional Water Quality Management Plan for Southeastern Wisconsin: 2000; and

WHEREAS, at a meeting held on the 4th day of December 1991, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the sanitary sewer service areas attendant to the Walworth County Metropolitan Sewerage District (WalCoMet) sewage treatment plant as documented in SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, November 1991; and

WHEREAS, by letter dated October 17, 1994, the City of Elkhorn requested that the Commission further refine and detail the Elkhorn sanitary sewer service area tributary to the sewage treatment facility owned and operated by the Walworth County Metropolitan Sewerage District so as to reflect recent planning decisions made by the City; and

WHEREAS, the proposed amendment to the regional water quality management plan is documented in a Commission staff memorandum entitled, "Response to Request by the City of Elkhorn to Amend the Elkhorn Sanitary Sewer Service Area," attached hereto and made a part hereof, which memorandum concludes that the plan amendment requested by the City of Elkhorn is sound and in the public interest; and

WHEREAS, the requested change to the regional water quality management plan, as documented in the aforementioned staff memorandum, was the subject of a public hearing held jointly by the Walworth County Metropolitan Sewerage District and the Regional Planning Commission on February 14, 1995; and

WHEREAS, the record of the public hearing reflects no opposition to the change to the regional water quality management plan as set forth in the aboverferenced staff memorandum; and

WHEREAS, the governing body of the Walworth County Metropolitan Sewerage District on February 14, 1995, approved the amendment to the regional water quality management plan as set forth in the Commission staff memorandum entitled "Response to Request by the City of Elkhorn to Amend the Elkhorn Sanitary Sewer Service Area"; and

WHEREAS, Section 66.945(9) of the Wisconsin Statutes authorizes and empowers the Regional Planning Commission, as the work of making the whole master plan progresses, to amend, extend, or add to the master plan or carry any part or subject thereof into greater detail;

NOW, THEREFORE, BE IT HEREBY RESOLVED:

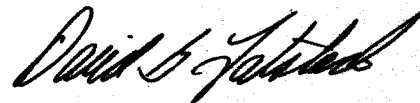
FIRST: That the regional water quality management plan for the Southeastern Wisconsin Region, being a part of the master plan for the physical development of the Region and comprised of SEWRPC Planning Report No. 30, Volumes One, Two, and Three, which was adopted by the Commission as a part of the master

plan on the 12th day of July 1979 and which was amended on the 4th day of December 1991 to include the refined sanitary sewer service areas for the Walworth County Metropolitan Sewerage District, as set forth in SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, be and the same hereby is amended in the manner identified on Map 3 of the aforementioned SEWRPC staff memorandum.

SECOND: That the Executive Director is authorized to submit findings to the Wisconsin Department of Natural Resources and the Wisconsin Department of Industry, Labor and Human Relations that public and private sanitary sewer extensions necessary to serve the anticipated development on the lands concerned are in conformance with, and would serve to implement, the adopted regional water quality management plan as herein amended.

THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals as the law may require or as the Commission, its Executive Committee, or its Executive Director, at their discretion, shall determine and direct.

The foregoing resolution, upon motion duly made and seconded, was regularly adopted at the meeting of the Southeastern Wisconsin Regional Planning Commission held on the 1st day of March 1995, the vote being: Ayes 15, Nays 0.



David B. Falstad, Chairman

ATTEST:



Kurt W. Bauer, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUEST BY THE CITY OF ELKHORN TO AMEND THE ELKHORN SANITARY SEWER SERVICE AREA

INTRODUCTION

By letter dated October 17, 1994, the City of Elkhorn requested that the Southeastern Wisconsin Regional Planning Commission amend the Elkhorn sanitary sewer service area as that area is currently documented in SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, November 1991. The basic purpose of the amendment would be to redefine the Elkhorn sanitary sewer service area so as to reflect, in part, a new City plan adopted by the City of Elkhorn in May 1992.

BACKGROUND

The process of refining and detailing the sanitary sewer service areas in Southeastern Wisconsin was initiated subsequent to the Commission's adoption of the regional water quality management plan in July 1979. By letter dated August 20, 1979, the Walworth County Metropolitan Sewerage District (WalCoMet) requested that the Regional Planning Commission undertake the initial refinement and detailing of the proposed year 2000 sanitary sewer service areas tributary to the Walworth County Metropolitan Sewerage District sewage treatment facility, including the City of Elkhorn area. A series of interagency meetings regarding this refinement and detailing process were then held, which culminated in a public hearing and the publication of the first WalCoMet sanitary sewer service area plan, documented in SEWRPC Community Assistance Planning Report No. 56, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, August 1981.

The Commission, at the request of the Walworth County Metropolitan Sewerage District, subsequently prepared a second edition of the WalCoMet sanitary sewer service area plan, documented in SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, November 1991. The effect of this report, as it applied to the City of Elkhorn, was to add lands immediately to the south and west of the then existing sewer service area.

The Regional Planning Commission recognizes that, like other long-range plans, sanitary sewer service area plans should be periodically reviewed to assure that the plans continue properly to reflect regional and local development objectives. As previously noted, the City of Elkhorn, by letter dated October 17, 1994, did request the Regional Planning Commission to refine further the currently adopted Elkhorn sanitary sewer service area tributary to the Walworth County Metropolitan Sewerage District sewage treatment facility in order to reflect certain recent local planning decisions.

CURRENTLY APPROVED ELKHORN SANITARY SEWER SERVICE AREA

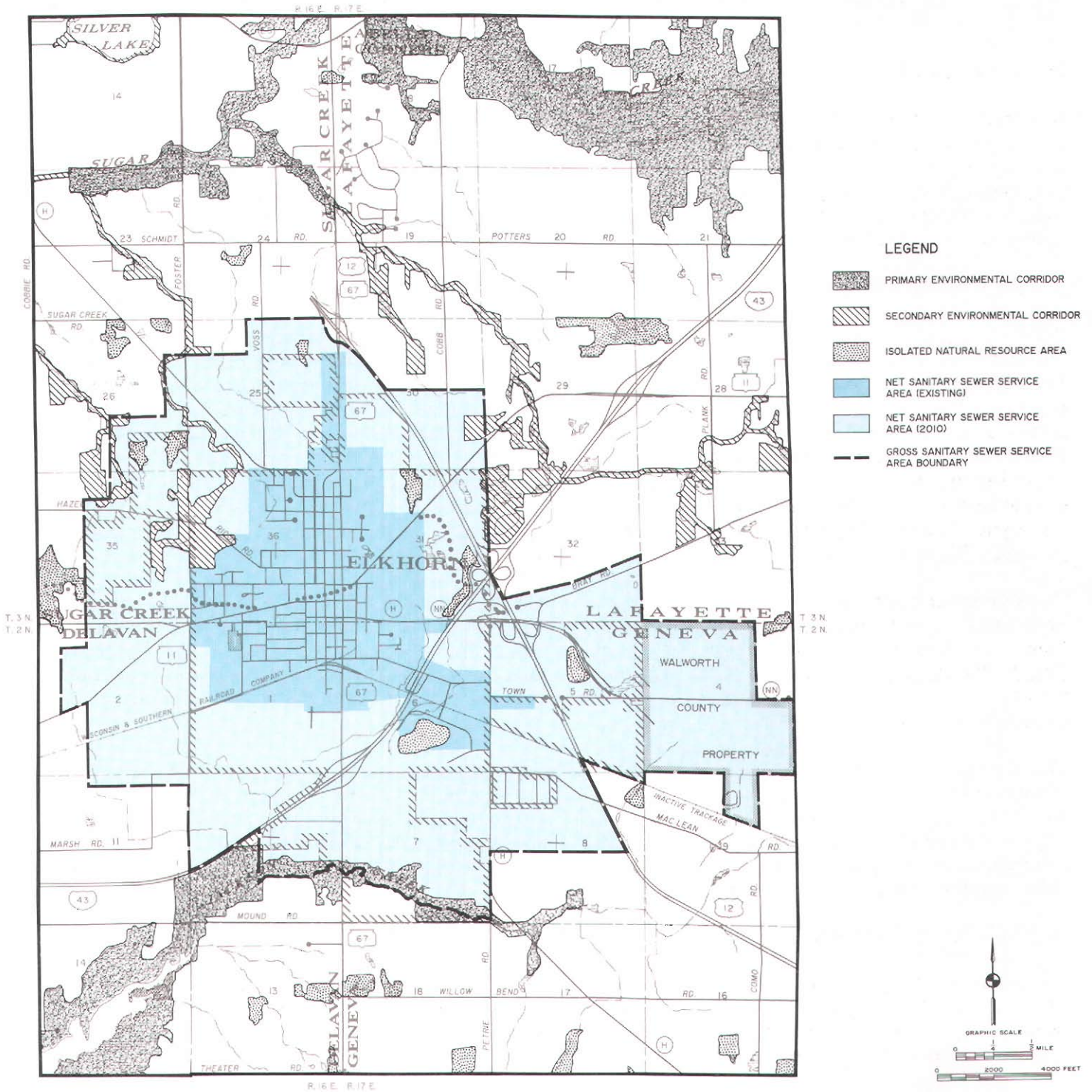
The plan year 2010 Elkhorn sanitary sewer service area tributary to the Walworth County Metropolitan Sewerage District sewage treatment facility is set forth in the currently adopted sanitary sewer service area plan as documented in the second edition of the WalCoMet sewer service area report and shown on Map 1. This service area totals about 11.0 square miles and had a 1990 resident population of about 6,000 persons.

REVISED ELKHORN SANITARY SEWER SERVICE AREA

A comprehensive review of the Elkhorn sanitary sewer service area was last undertaken during the preparation of SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, in November 1991. The purpose of this refinement effort is to review comprehensively, once again, the sewer service needs of the City

Map 1

ELKHORN SANITARY SEWER SERVICE AREA AS DEFINED IN SEWRPC COMMUNITY ASSISTANCE PLANNING REPORT NO. 56 (2ND EDITION)



Source: SEWRPC.

of Elkhorn and to adjust and extend, as necessary, the sewer service area boundaries to accommodate year 2010 population levels envisioned within this service area.

Factors taken into account in the delineation of the revised City of Elkhorn sanitary sewer service area included the currently adopted sanitary sewer service area, as shown on Map 1; the design year 2010 regional land use plan adopted on September 23, 1992, documented in SEWRPC Planning Report No. 40, A Regional Land Use Plan for Southeastern Wisconsin: 2010; a revised City of Elkhorn land use plan adopted by the City in May 1992, documented in Land Use Plan for the City of Elkhorn: 2010, prepared by the University Planners Collaborative; and the suggestions made by representatives of the City of Elkhorn at a series of interagency meetings held on this matter.

The refinement effort also considered the location, type, and extent of existing urban land use development; the location of areas where onsite soil absorption sewage disposal systems were known to be failing; the location and extent of gravity-drainage areas tributary to major sewerage system pumping stations and to sewage treatment facilities; the location and capacity of existing and planned trunk sewers; the location of existing property ownership boundaries; and certain pertinent aspects of the natural resource base, including the location and extent of soils suitable for urban development, the location and extent of primary and secondary environmental corridors and of isolated natural resource areas, and the location and extent of prime agricultural lands.

The Regional Planning Commission, as part of its regional planning program, which includes the delineation of sanitary sewer service areas and the subsequent refinements thereof, utilizes an "alternative futures" concept to deal with the uncertainties regarding factors affecting future growth and development within the Region. The sanitary sewer service area refinement effort thus considered a range of resident population levels for the Elkhorn area, utilizing the population levels envisioned under the Commission intermediate-growth centralized land use plan and the Commission high-growth decentralized land use plan.

Local sanitary sewer service area and sewerage facility planning work should consider a range of possible future population levels in the evaluation of alternative facility plans in order to identify alternatives which perform well under a reasonable range of possible future conditions. Construction of such facilities and mechanical and electrical components as pumps, compressors, and chemical-feed equipment of sewage treatment facilities typically are based upon relatively short-term population and loading forecasts. These facilities are often replaced or rebuilt at intervals of 10 to 15 years and are amenable to expansion in a staged manner. Accordingly, capital investment in such facilities is often limited to those relatively certain to be needed over a 15 to 20-year design period. The use of the intermediate population forecast, thus, may be most appropriate for use in the design of such facilities.

Consideration of a high-growth population forecast, however, may be appropriate in delineating a service area and in the design of certain components of the sewerage system that have a longer life, including gravity-flow conveyance facilities and such treatment plant components as hydraulic conduits and tanks. With respect to the delineation of the size of the service area, the high-growth population forecast may be the most logical to use since the Commission forecasting analyses indicate that such a level is indeed potentially achievable within the Southeastern Wisconsin Region. A sanitary sewer service area size based upon that level may also be desirable in order to provide flexibility to communities in determining the spatial distribution of anticipated new urban development and to facilitate the operation of the urban land market. With respect to the design of certain components of the sewerage system, the use of the high-growth population forecast may also be desirable where the physical life of the facilities is substantially greater than 20 years. Thus, facility construction based upon the high-growth forecast and loading levels may be warranted where the physical life of the facilities extends beyond the 20-year planning period.

Under the foregoing conditions, the planned year 2010 resident population levels within the revised Elkhorn sanitary sewer service area would range from about 8,200 persons, under the Commission intermediate-growth centralized land use plan, to about 14,900 persons, under the Commission high-growth decentralized land use plan. It should be noted that on the basis of consideration of this range, City officials determined that the sanitary sewer service area should be delineated so as to accommodate a design year 2010 resident population of about 14,500 persons. This population level lies within the range of population levels noted

above and represents an increase of about 8,200 persons, or about 130 percent, over the 1990 population level of about 6,300 persons within the revised sewer service area.

The revised year 2010 Elkhorn sanitary sewer service area as submitted to public hearing, is shown on Map 2.

The gross Elkhorn sanitary sewer service area encompasses about 9.7 square miles. This gross sewer service area includes about 0.5 square mile of primary environmental corridor lands, about 0.2 square mile of secondary environmental corridor lands, and about 0.1 square mile of isolated natural resource area lands. Therefore, a total of about 0.8 square mile, or about 8 percent of the sewer service area, would be encompassed in environmentally sensitive areas, consisting of primary and secondary environmental corridor and isolated natural resource area lands.

The revised year 2010 Elkhorn sanitary sewer service area, as previously noted, would accommodate a year 2010 resident population of about 14,500 persons. The incremental population and housing unit levels envisioned in the City of Elkhorn sewer service area would be accommodated at a density of about 4.0 dwelling units per net residential acre. This density lies within the recommended density range for the City of Elkhorn area as identified in the Commission's year 2010 regional land use plan.¹

WATER QUALITY IMPACTS

Under the adopted regional water quality management plan and the revised sanitary sewer service area plan herein set forth, it is envisioned that all urban lands lying within the planned urban service area would receive sanitary sewer service. It is also envisioned that all lands identified as primary environmental corridor would not be developed for intensive urban use. It is recognized, however, that certain land uses requiring sanitary sewer service could be properly located in the environmental corridors and isolated natural resources areas, including park and outdoor recreation facilities, certain institutional uses, and, in some cases, extremely low-density residential development at a density not to exceed one housing unit per five acres of upland corridor land, compatible with the preservation of the corridors in essentially natural, open uses. These plans also recognize that certain secondary environmental corridors and isolated natural resource areas may, at the discretion of the local unit of government, be converted to urban uses over the plan design period. However, it should be noted in this respect that current Federal, State, and local regulations may effectively preclude development of such areas. Of particular importance in this regard are natural resource protection regulations dealing with wetlands, floodplains, shorelands, stormwater runoff, and erosion control. Therefore, it is important that the developer or local unit of government concerned determine if it is necessary to obtain any applicable Federal, State, or local permits prior to any proposed disturbance of wetlands, floodplains, or other regulated lands.²

In addition, provision of public sewer service to that portion of the revised sanitary sewer service area currently developed, but not yet served by public sewers, will reduce the pollutant loadings from the onsite sewage disposal systems to both surface water and groundwater.

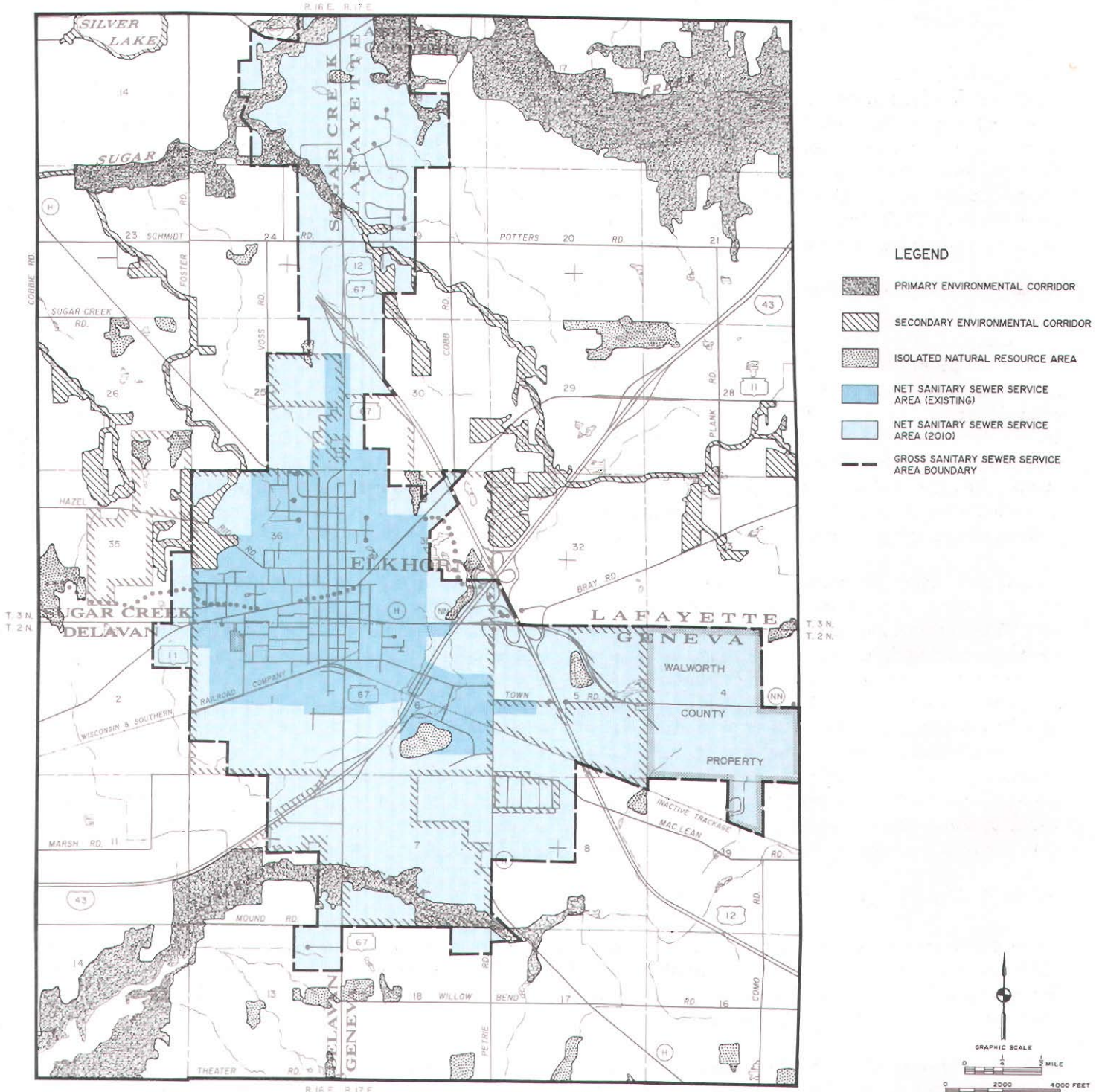
¹*Net incremental residential density in the revised Elkhorn sewer service area is determined by dividing the total number of incremental dwelling units anticipated in the sewer service area in the design year by the net incremental residential land area anticipated within that area.*

The total number of incremental dwelling units anticipated in the Elkhorn sewer service area in the design year, 4,022 units, divided by the incremental net residential land within the sewer service area, 1,013 acres, results in an incremental net residential density of 4.0 dwelling units per acre.

²*It should be noted that the sanitary sewer service area map set forth herein, particularly the environmental corridors and isolated natural resource areas shown thereon, are a representation of conditions at the time of map preparation, and that such physical features may change over time from natural or human causes. Therefore, the presence and location of wetlands, navigable water, floodplains, and similar site features should be verified by developers and applicable permits obtained prior to any land disturbing activity.*

Map 2

PRE-PUBLIC HEARING REVISED ELKHORN SANITARY SEWER SERVICE AREA



Source: SEWRPC.

Accordingly, assuming that any applicable Federal, State, and local permits are obtained and that proper site development and construction practices are employed, there should be no significant adverse water quality impacts attributable to the development of the planned sanitary sewer service area.

COST-EFFECTIVENESS ANALYSIS

The planned sewer service area set forth in this staff memorandum for the City of Elkhorn is about 1.3 square miles smaller than the currently approved sewer service area, set forth in SEWRPC Community Assistance Planning Report No. 56, 2nd Edition. All the planned sewer service area lies within, or adjacent to, the current sewer service area of the City. The nearest other public sanitary sewer systems, the City of Lake Geneva and the Town of Lyons Sanitary District No. 2 systems, are both located approximately five miles to the southeast. Clearly, the most cost-effective means of providing public sanitary sewer service to the entire Elkhorn area is through sewers operated by the City of Elkhorn tributary to the sewage treatment plant owned and operated by the Walworth County Metropolitan Sewerage District.

SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

The present hydraulic loading capacity of the Walworth County Metropolitan Sewerage District sewage treatment plant is 3.86 million gallons per day (mgd) on an average annual basis. The current average annual flow rate is about 3.10 mgd. WalCoMet has recently initiated an expansion and upgrading of its plant to expand the plant capacity to 5.56 mgd in the first of two stages to provide a total capacity of 7.60 mgd. The WalCoMet expansion proposals included consideration of current and planned year 2010 loadings from the continued connection of the City of Elkhorn sewerage system. The City of Elkhorn sewage loading is currently about 0.87 mgd on an average annual basis. The increase in sewered population from about 5,400 persons, in 1990, to between 8,200 and 14,900 persons, by the design year 2010, as previously noted, would result in a flow rate ranging from about 1.20 mgd to about 2.00 mgd on an average annual basis.

In addition, the increase of about 950 acres in land dedicated to industrial use, as envisioned within the planned sewer service area, may be expected to result in an additional wastewater flow ranging from 1.40 to 1.90 mgd on an average annual basis upon full development, resulting in a potential total future hydraulic loading ranging from 2.65 to 3.90 mgd on an average annual basis. The planned second-stage WalCoMet sewage treatment plant hydraulic capacity of 7.60 mgd on an average annual basis includes an estimated capacity of about 1.20 mgd on an average annual basis for the Elkhorn service area. Thus, only the planned population under the year 2010 intermediate-growth centralized land use plan and some limited industrial land growth has been provided for. Therefore, if the Elkhorn year 2010 population levels exceed the 8,200 persons envisioned under the intermediate-growth centralized future and/or significant portions of the planned industrial land are developed, there will be a need to initiate facility planning to reevaluate the plant capacity sometime between the year 2000 and year 2010, depending on the rate of development and taking into account the current status of loadings from the other WalCoMet customers.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on February 14, 1995, for the purpose of receiving comments on the revised Elkhorn sanitary sewer service area as shown on Map 2. This hearing was sponsored jointly by the City of Elkhorn, the Walworth County Metropolitan Sewerage District, and by the Regional Planning Commission. Summary minutes of the public hearing are presented in Appendix A.

A brief summary of the findings and recommendations of the sewer service area amendment effort was presented prior to receiving public comment. The rationale for revising the Elkhorn sanitary sewer service area was presented and the importance of the delineation of the outer boundaries of the service area was described, as was the importance of the delineation of environmentally sensitive lands within the service area. Comments on the staff memorandum and accompanying map were then solicited.

A review of the hearing record indicates that four substantive issues were raised in regard to the delineation of the external boundaries of the revised sewer service area. The first issue, expressed by the Town of Sugar Creek, related to the delineation of the northern portion of the proposed sewer service area as presented at

the public hearing. Specifically, the Town objected to the proposed expansion of the existing planned sewer service area to include additional lands in the Town of Sugar Creek, and more specifically, lands located in U. S. Public Land Survey Sections 13 and 24, Township 3 North, Range 16 East, encompassing an area of approximately 490 acres. The Town noted that the adopted land use plan for the City of Elkhorn did not include such areas for urban development. The City of Elkhorn and the Walworth County Metropolitan Sewerage District weighed these comments by the Town against other comments voicing support for the inclusion in the planned sewer service area of the lands concerned by a property owner in the subject area. The City and the District also noted the subject area was currently developed utilizing onsite sewage disposal systems, which may be expected to fail eventually. Accordingly, it was determined that the new sewer service area boundary as it affects the Town of Sugar Creek should remain unchanged from that set forth on Map 2, except for the removal of an area of about 48 acres in the southeast one-quarter of Section 24.

The three other substantive issues raised at the public hearing related to the requested addition of certain lands to the proposed sewer service area to accommodate existing or planned new urban development. The proposed additions are shown on Map 3 and described below.

The first addition, requested by the City, involved the inclusion of approximately 295 acres of land located in the south one-half of U. S. Public Land Survey Section 30, Township 3 North, Range 17 East, Town of LaFayette. It was noted that a portion of these lands was located within the current City limits and was within the currently adopted sewer service area.

The second addition, requested by a representative of the Walworth County Metropolitan Sewerage District, involved the inclusion of approximately 102 acres of land associated with an existing mobile home park in U. S. Public Land Survey Section 2, Township 2 North, Range 16 East, Town of Delavan. It was noted that sound planning practice would dictate inclusion of these lands and certain intervening lands between the mobile home park and the current limits of the sewer service area so as to enable provision of public sewer service in the event that operational problems occur with onsite sewage disposal systems in this area.

The third addition, suggested by a consulting engineer representing a local property owner, involved the inclusion of approximately 74 acres of land located in the northeast one-quarter of U. S. Public Land Survey Section 35, Township 3 North, Range 16 East, City of Elkhorn.

To maintain a reasonable relationship between the proposed sewer service area and anticipated increases in population and employment levels, it was determined that certain areas would also be deleted from the proposed sewer service area. Such deletions are shown on Map 3 and include, in addition to the approximately 48 acres of land located in the southeast one-quarter of U. S. Public Land Survey Section 24, Township 3 North, Range 16 East, Town of Sugar Creek, noted previously, approximately 120 acres of land located in U. S. Public Land Survey Section 18, Township 3 North, Range 17 East, Town of LaFayette; approximately 367 acres of land located in U. S. Public Land Survey Sections 4 and 9, Township 2 North, Range 17 East, Town of Geneva; and approximately 156 acres of land located in U. S. Public Land Survey Sections 5 and 8, Township 2 North, Range 17 East, Town of Geneva.

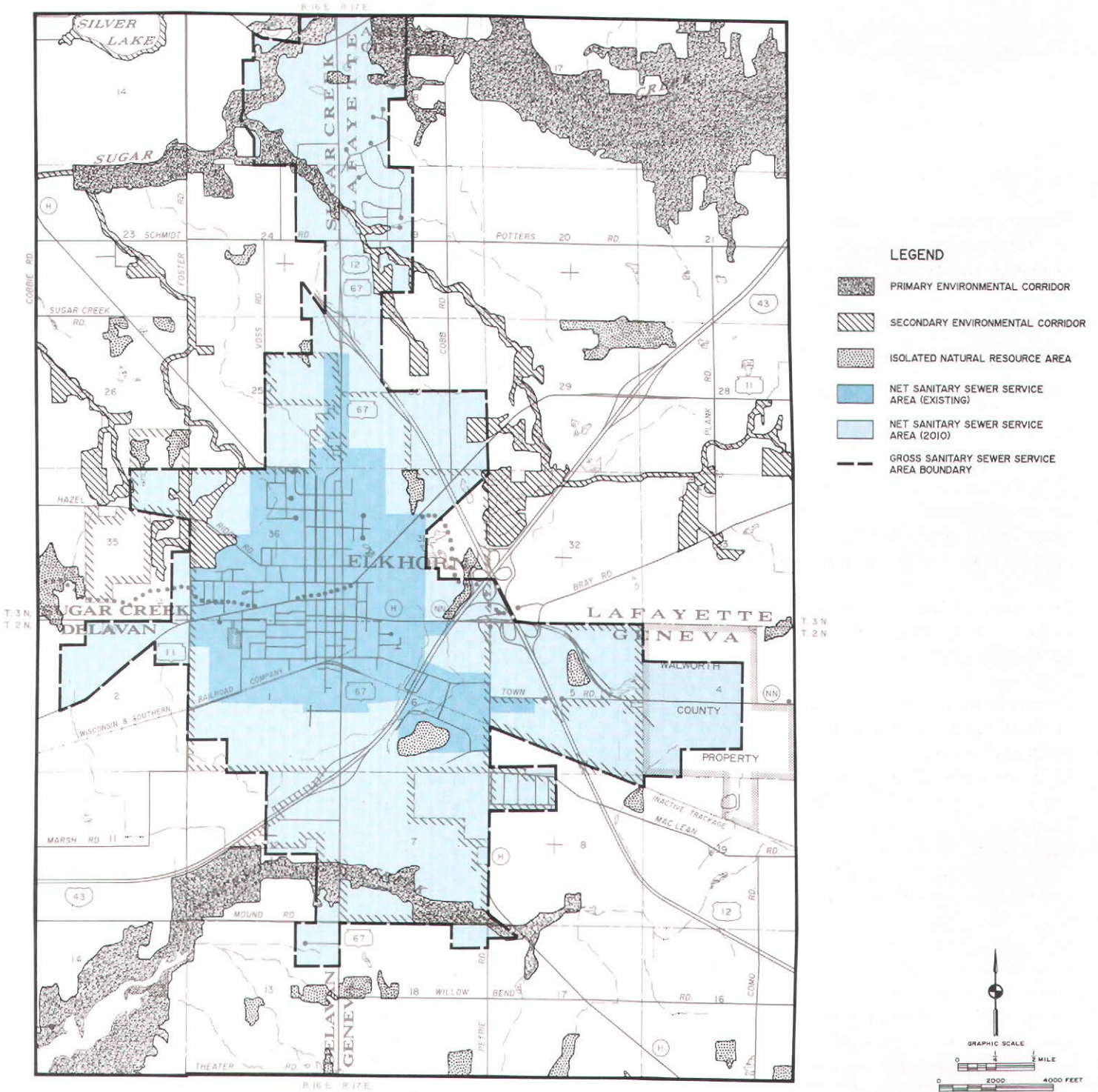
In summary, the gross Elkhorn sanitary sewer service area, as shown on Map 3 and as adopted by the governing body of the Walworth County Metropolitan Sewerage District, totals about 9.4 square miles, or about 0.3 square mile less than the preliminarily revised sewer service area as presented at the public hearing. This gross sewer service area includes 0.5 square mile of primary environmental corridor lands, about 0.2 square mile of secondary environmental corridor lands, and about 0.1 square mile of isolated natural resource areas. Therefore, a total of 0.8 square mile, or about 9 percent of the sewer service area, would be encompassed within environmentally sensitive areas, primary and secondary environmental corridor and isolated natural resource area lands.

CONCLUDING RECOMMENDATION

On the basis of the foregoing and in view of the fact that the governing body of the Walworth County Metropolitan Sewerage District adopted the Elkhorn sanitary sewer service area amendment by resolution dated February 14, 1995, and the Common Council of the City of Elkhorn similarly acted to adopt the sewer

Map 3

POST-PUBLIC HEARING REVISED ELKHORN SANITARY SEWER SERVICE AREA

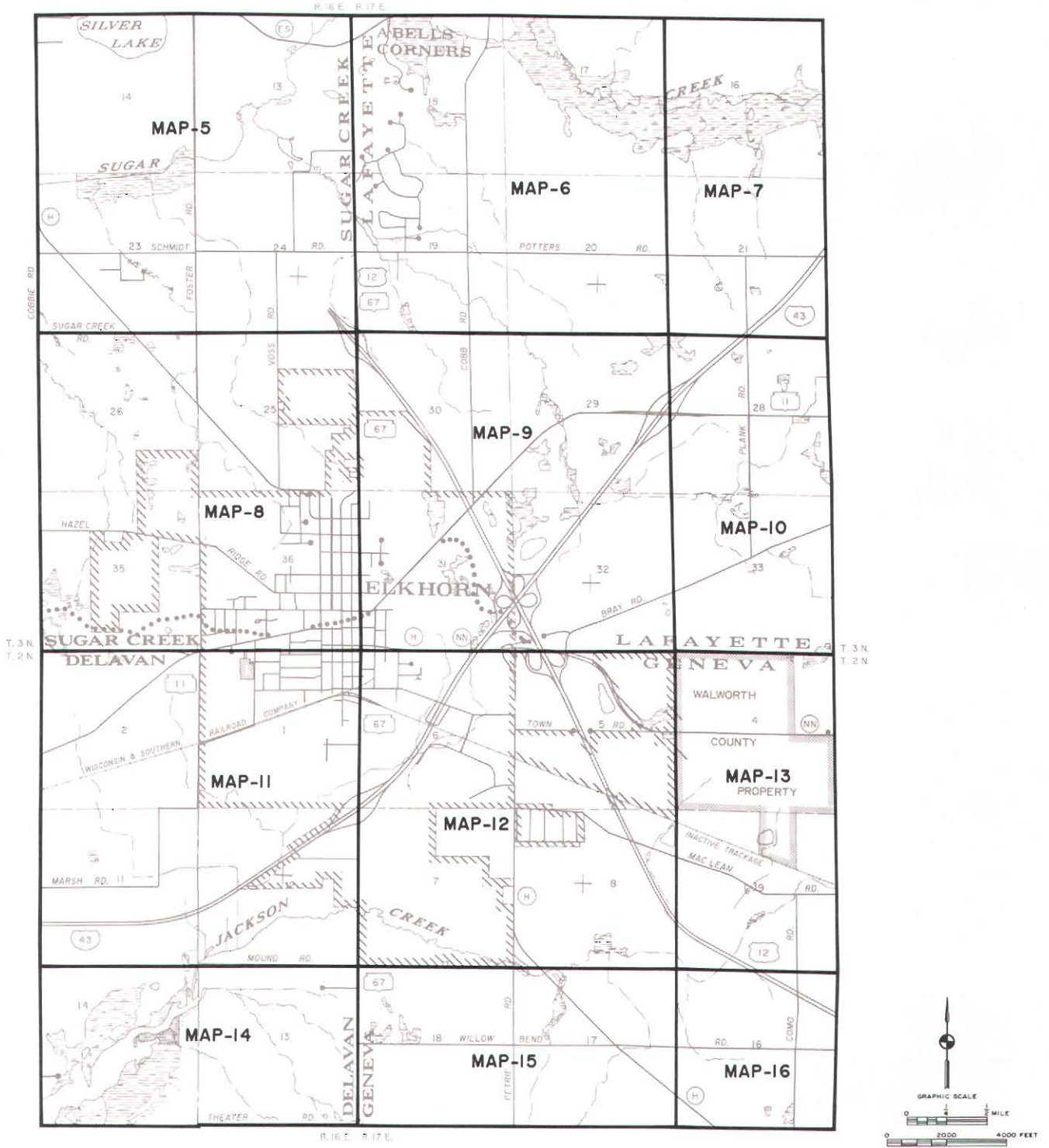


Source: SEWRPC.

service area amendment on February 20, 1995, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area as documented in the aforementioned SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, in the manner identified on Map 3. A more detailed delineation of the revised sewer service area and of the environmentally significant lands therein are shown on aerial photographs reproduced as Maps 5 through 16.

Map 4

INDEX OF MAPS SHOWING THE ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN AND ENVIRONS

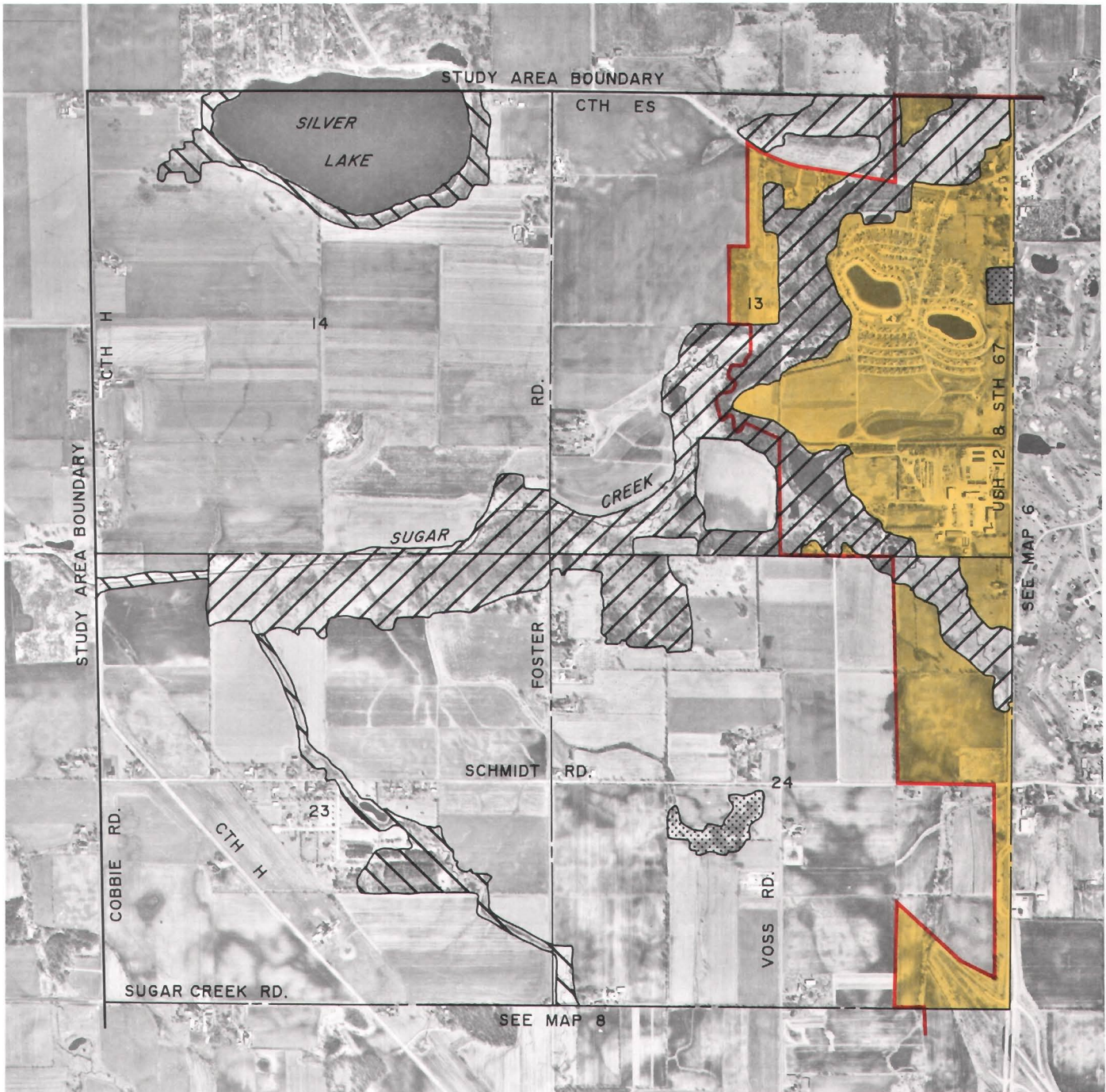


Source: SEWRPC.






Map 5

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN AND ENVIRONS

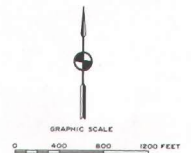
U. S. Public Land Survey Sections 13, 14, 23, and 24
Township 3 North, Range 16 East



LEGEND

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces Map 11-5, page 36, of SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, dated November 1991.

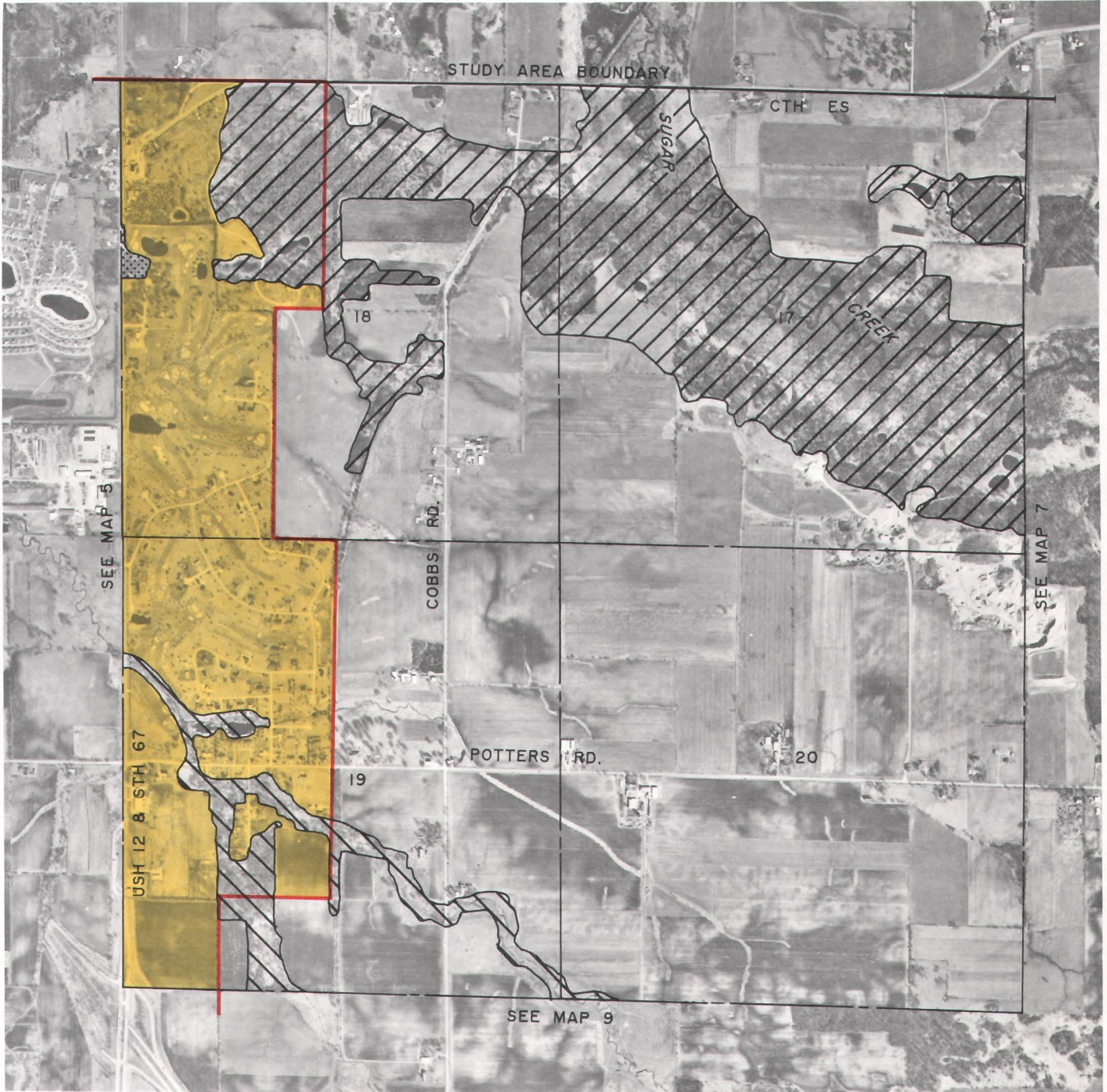


Source: SEWRPC.






Map 6

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN AND ENVIRONS

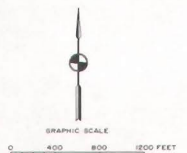
U. S. Public Land Survey Sections 17, 18, 19, and 20
Township 3 North, Range 17 East



LEGEND

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces Map 11-6, page 37, of SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, dated November 1991.



Source: SEWRPC.

Map 7

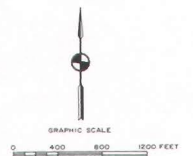
ENVIRONMENTALLY SIGNIFICANT LANDS
FOR THE CITY OF ELKHORN AND ENVIRONS

U. S. Public Land Survey Sections 16 and 21
Township 3 North, Range 17 East



LEGEND

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA

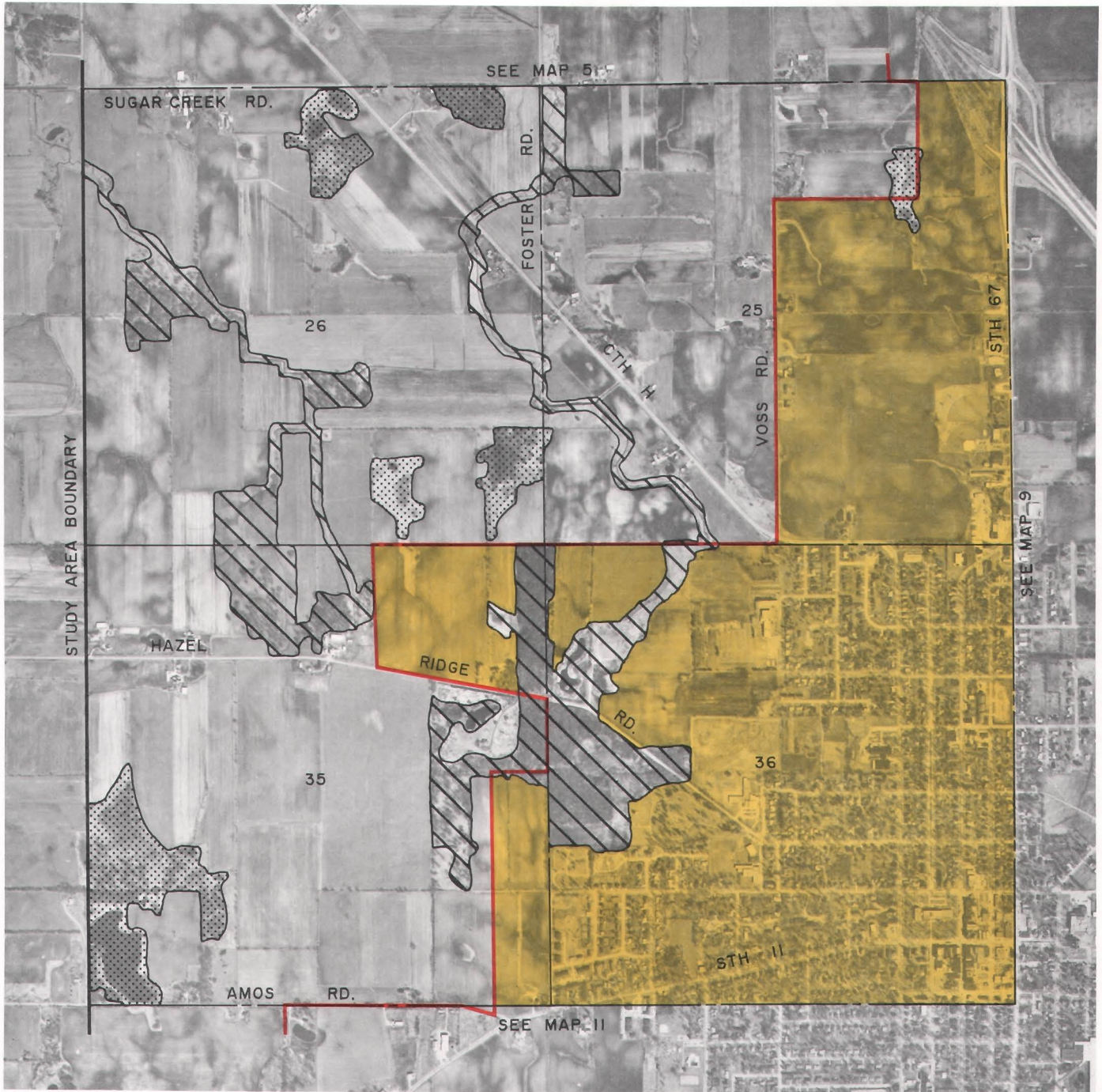


Source: SEWRPC.





Map 8

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN AND ENVIRONS

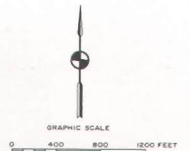
U. S. Public Land Survey Sections 25, 26, 35, and 36
Township 3 North, Range 16 East



LEGEND

-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces Map 11-13, page 44, of SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, dated November 1991.

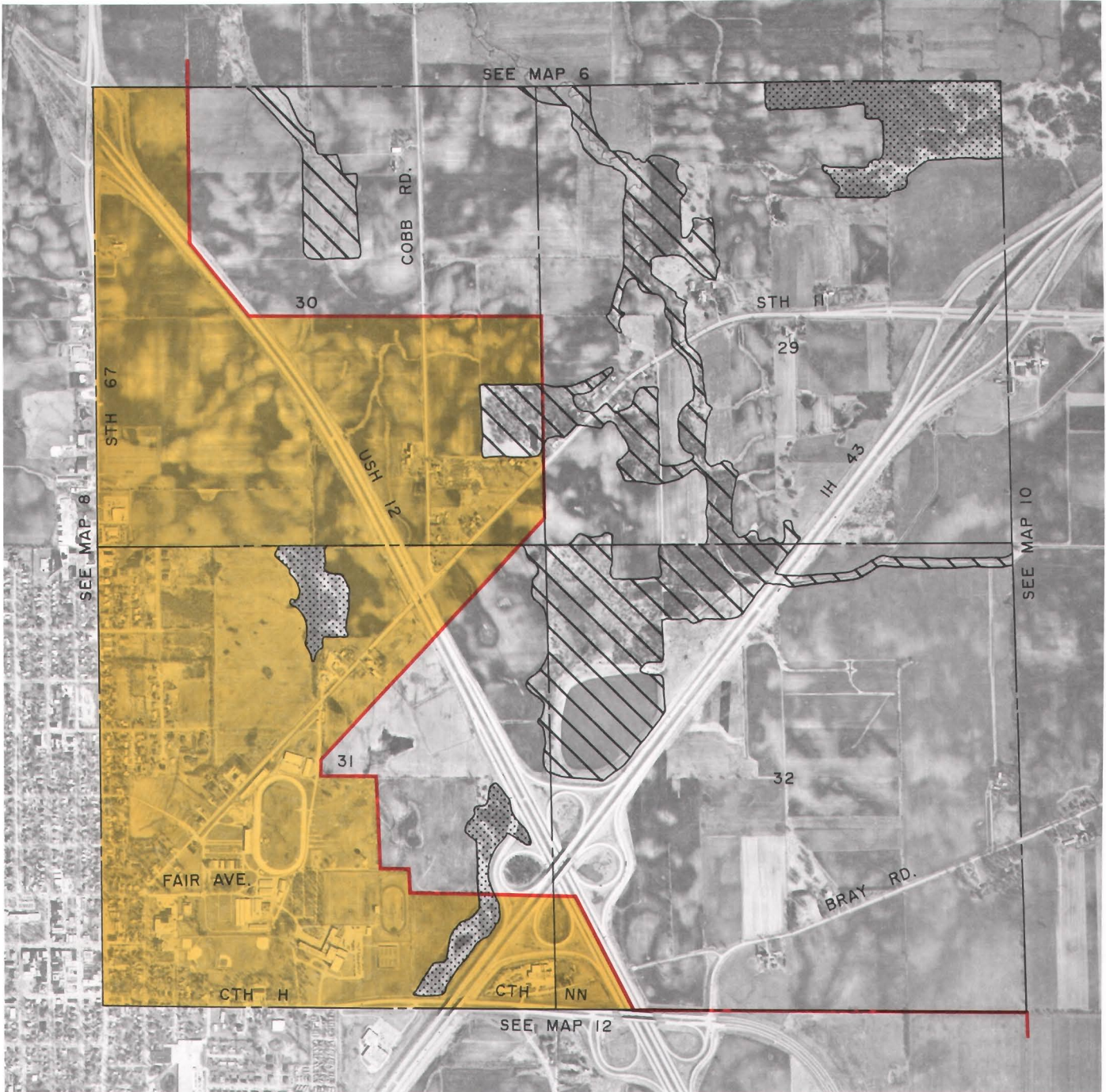


Source: SEWRPC.





Map 9

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN AND ENVIRONS

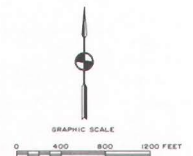
U. S. Public Land Survey Sections 29, 30, 31, and 32
Township 3 North, Range 17 East



LEGEND

-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces Map 11-14, page 45, of SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, dated November 1991.



Map 10

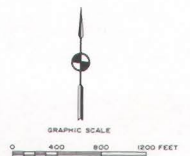
ENVIRONMENTALLY SIGNIFICANT LANDS
FOR THE CITY OF ELKHORN AND ENVIRONS

U. S. Public Land Survey Sections 28 and 33
Township 3 North, Range 17 East



LEGEND

-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

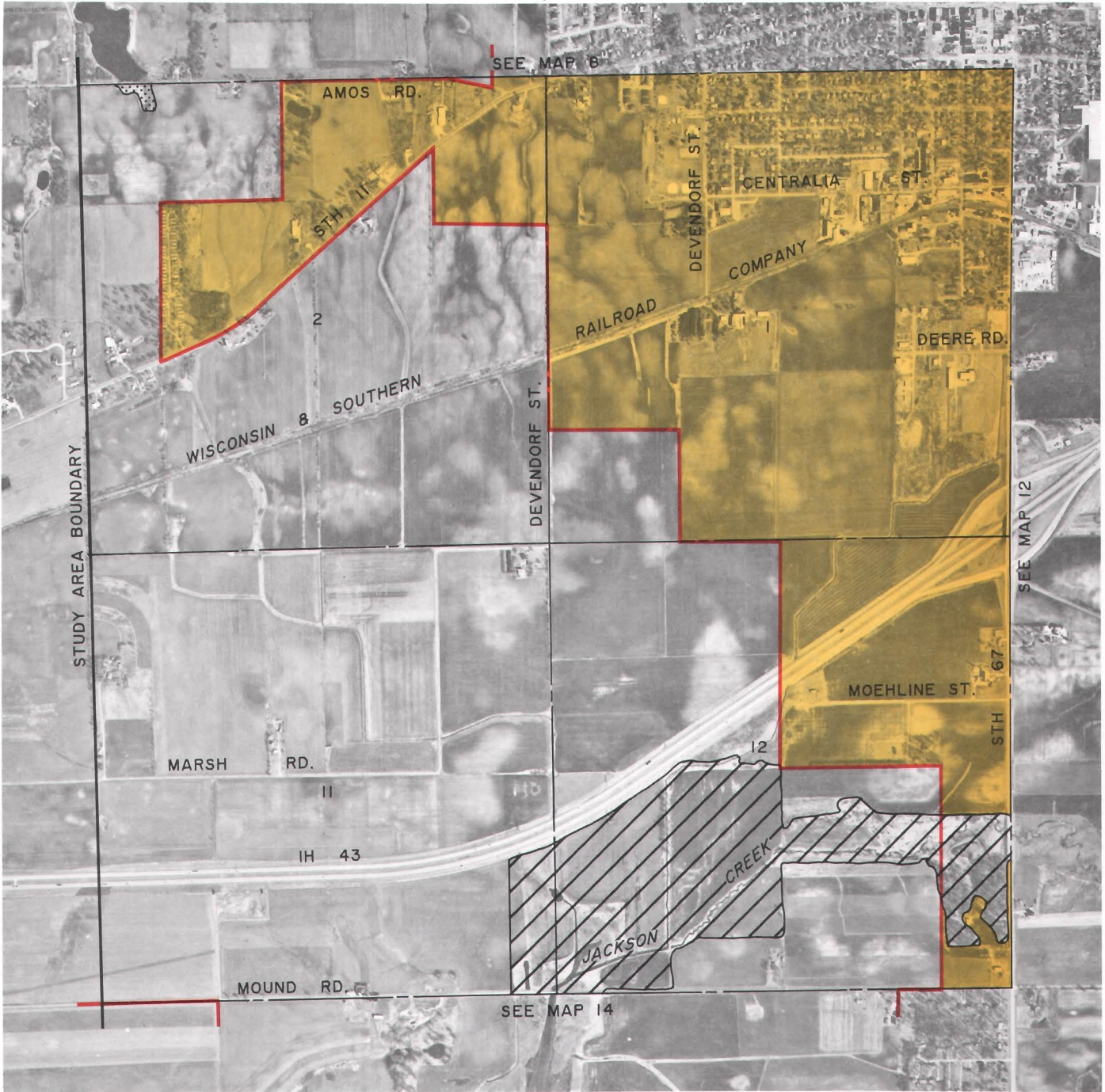


Source: SEWRPC.





Map 11

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN AND ENVIRONS

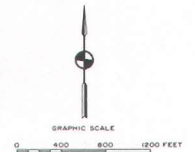
U. S. Public Land Survey Sections 1, 2, 11, and 12
Township 2 North, Range 16 East



LEGEND

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

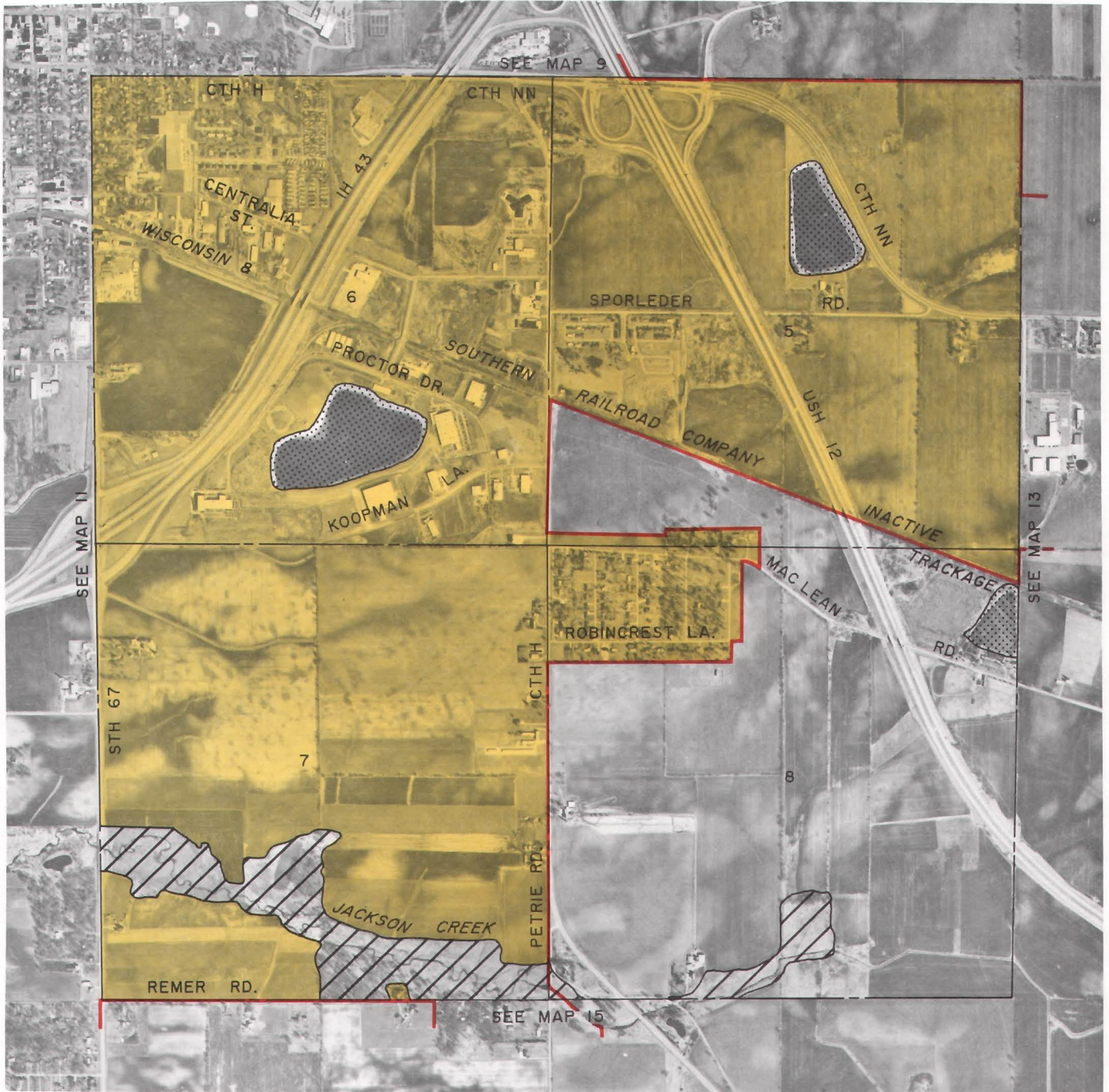
NOTE: This map replaces Map 11-21, page 52, of SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, dated November 1991.







Map 12

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN AND ENVIRONS

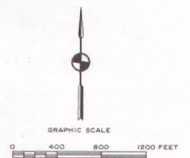
U. S. Public Land Survey Sections 5, 6, 7, and 8
Township 2 North, Range 17 East



LEGEND

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces Map 11-22, page 53, of SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, dated November 1991.



Source: SEWRPC.




Map 13

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN AND ENVIRONS

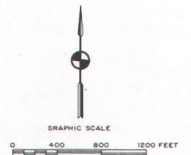
U. S. Public Land Survey Sections 4 and 9
Township 2 North, Range 17 East



LEGEND

-  ISOLATED NATURAL RESOURCE AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces Map 11-23, page 54, of SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, dated November 1991.



Source: SEWRPC.





Map 14

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN AND ENVIRONS

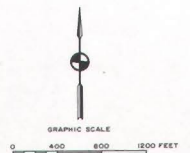
U. S. Public Land Survey Sections 13 and 14
Township 2 North, Range 16 East



LEGEND

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces that portion of Map 11-29 encompassing U. S. Public Land Survey Sections 13 and 14, Township 2 North, Range 16 East, page 60, of SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, dated November 1991.



Source: SEWRPC.





Map 15

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN AND ENVIRONS

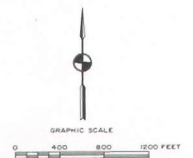
U. S. Public Land Survey Sections 17 and 18
Township 2 North, Range 17 East



LEGEND

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces that portion of Map 11-30 encompassing U. S. Public Land Survey Sections 17 and 18, Township 2 North, Range 17 East, page 61, of SEWRPC Community Assistance Planning Report No. 56, 2nd Edition, Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, dated November 1991.

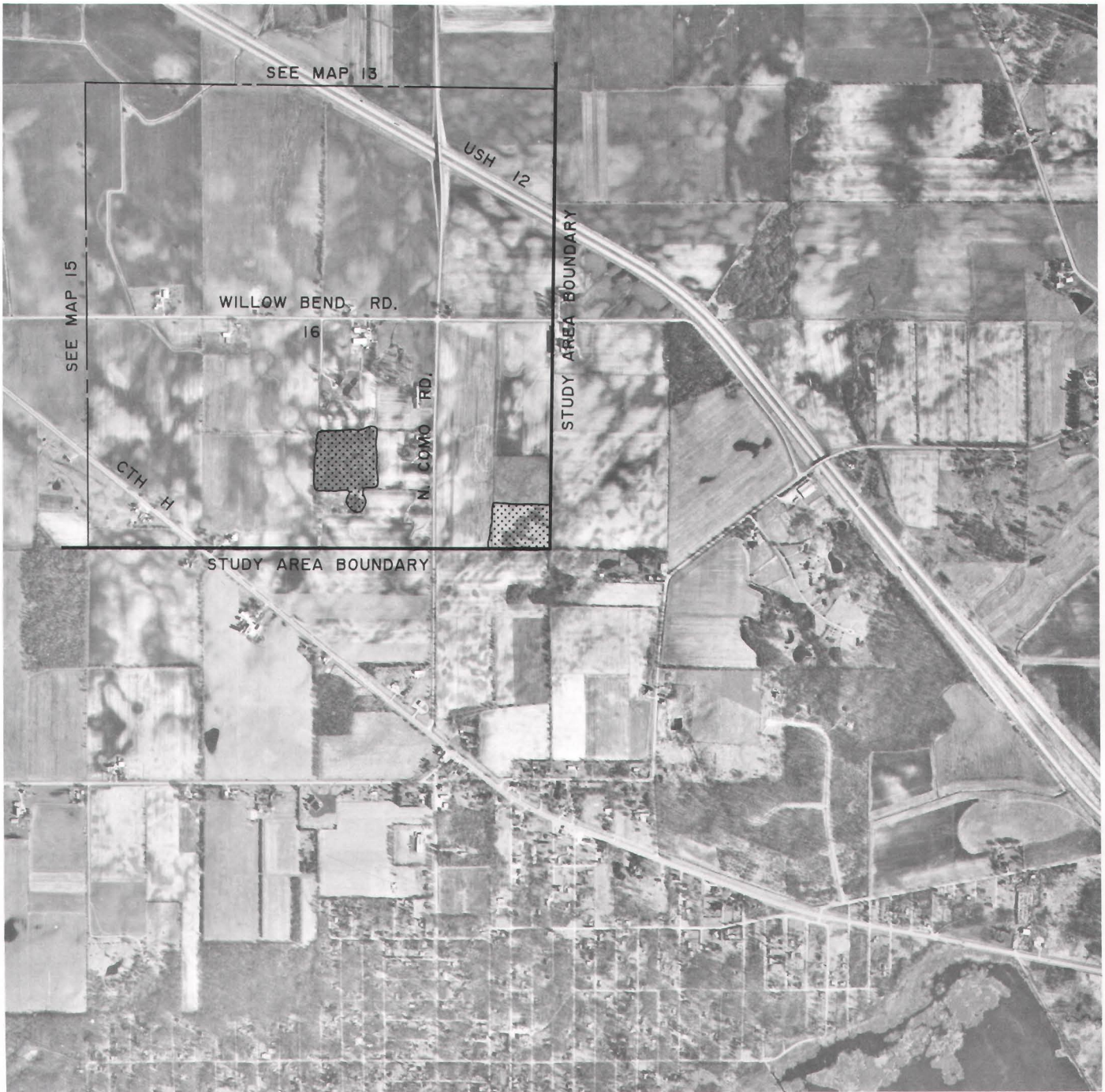


Source: SEWRPC.

Map 16

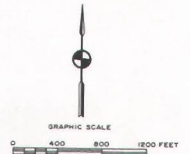
ENVIRONMENTALLY SIGNIFICANT LANDS
FOR THE CITY OF ELKHORN AND ENVIRONS

U. S. Public Land Survey Section 16
Township 2 North, Range 17 East



LEGEND

 ISOLATED NATURAL RESOURCE AREA



Source: SEWRPC.

APPENDICES

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Appendix A

MINUTES OF PUBLIC HEARING

Sanitary Sewer Service Area for the City of Elkhorn
February 14, 1995

WALWORTH COUNTY METROPOLITAN SEWERAGE DISTRICT
MINUTES
FEBRUARY 14, 1995
PUBLIC HEARING

CALL TO ORDER The meeting was called to order at 1:00 p.m. by President Reader.

ROLL CALL Present: J. Philip Reader, Lloyd Jensen, Donald Scully
Absent: James Christianson, Patrick Moore

Others Present: Joseph S. Cannestra, Administrator
Timothy D. Fenner, Attorney/District
Evelyn L. Seaver, Secretary
Cindy M. Moehling, Accountant
Bruce Rubin, SEWRPC Representative
Kent Bristol, Elkhorn Administrator
David Wagner, Financial Consultant
Roger Huchthausen, Strand Associates, Inc.
James Goodwin, Elkhorn
See separate sheet for other attendees

PURPOSE OF HEARING The public hearing was held for the purpose of receiving public comment on, and reaction to, a proposed amendment to the year 2010 sewer service area plan for the Walworth County Metropolitan Sewerage District (WalCoMet).

President Reader introduced the members of the Commission and the staff.

A briefing was given by Bruce Rubin, SEWRPC representative, of the Planning Report No. 56 Second Edition and presented a map showing the requested amendment to the City of Elkhorn's sewer service area. He then asked for any questions or comments from the public concerning this request.

Mr. James Goodwin asked why his property was taken out of the service area, when it had originally been included.

City of Elkhorn Administrator Kent Bristol responded that the staff had done this during their study, but they will reconsider and include this property, taking out instead some other small properties that would keep the area within the permissible limits of the DNR. He also stated that the City Council met on 2/13/95 to discuss inquiries made to them, including Mr. Goodwin's.

Mr. Patrick J. Hudec, of the Town of Sugar Creek, stated that the Towns of LaFayette and Sugar Creek were included in this area, and asked what type of study had been done to project the growth to warrant this type of expansion.

PUBLIC HEARING

February 14, 1995

Page 2

Mr. Rubin stated that meetings with the Elkhorn City Council provided a range of modest growth in that area. Mr. Bristol added that no formal studies were made. Mr. Rubin did respond that lands in the Town of LaFayette, such as Evergreen Acres are already developed and so is the RV Park to the north.

Mr. Loren Waite of the Town of Sugar Creek stated that they are against the expansion to the north into the Town of Sugar Creek, and the Town Board has passed a resolution to that effect. They believe the expansions are excessive.

Lowell E. Sweet, attorney for the petitioners, stated that there are a number of businesses in that area who can no longer expand because of the lack of sewer service. Most of the land within this area is commercial and industrial and the need for municipal services is desperate.

Mr. Hudec then stated that the Town has not been approached about this. They are concerned about this expansion to north before any other alternatives are studied. There will be quite a bit of development if this area is expanded. He would like the Commission to defer any decision on this until better studies have been made.

Administrator Cannestra recommended amending the area. He thinks it is a positive action from the engineering point of view of saving costs in lift stations. It is cost effective to do this at this time, and has been in accordance to growth projected in the 1990 HNTB Master Study which evolved into a shorter projection in the 2nd Edition of Report #56.

Attorney Fenner stated that we are mixing two levels of planning. Growth is occurring much faster than was anticipated in the planning of the original plant. WalCoMet does not have any authority to zone and mandate any sewer services. WalCoMet's role is purely advisory.

Warren Hansen suggested that any lands now in the City limits should be allowed to remain in the service area.

Mr. Rubin stated that if a decision is to be made to change the area recommended, new lines will have to be drawn for the SEWRPC Commission.

President Reader felt that given what we are hearing to date, we should table this matter at least until we can get some definitive answers about boundaries.

Mr. Rubin asked, "If this is not acted upon today, is there any critical area that would be adversely affected?" Mr. Bristol responded that there is not.

After further discussion it was the consensus that this matter should be tabled until the Regular Meeting. President Reader stated that if, by the time we arrive at this matter on our agenda for the Regular Meeting today, we have not arrived at a consensus, then we shall table it to another meeting.

PUBLIC HEARING

February 14, 1995

Page 3

ADJOURN- Commissioner Jensen then moved to adjourn the public hearing. Commissioner
MENT Scully seconded and the hearing was adjourned at 2:20 p.m.

Respectfully submitted,

Donald P. Scully, District Secretary

APPROVED: _____

PUBLISHED: _____