

**C** Community Development Committee  
Meeting date: November 16, 2009

**E** Environment Committee  
Meeting date: November 10, 2009

**ADVISORY INFORMATION**

<b>Subject:</b>	City of Lino Lakes 2030 Comprehensive Plan Update Review File No. 20653-1 Tier II Comprehensive Sewer Plan
<b>District(s), Member(s):</b>	District 11, Council Member Georgeanne Hilker
<b>Policy/Legal Reference:</b>	Minnesota Statutes Section 473.175
<b>Staff Prepared/Presented:</b>	LisaBeth Barajas, Principal Reviewer (651-602-1895) Phyllis Hanson, Local Planning Assistance Manager (651-602-1566) Kyle Colvin, Engineering Services Asst. Manager (651-602-1151)
<b>Division/Department:</b>	Community Development / Planning & Growth Management Environmental Services / Engineering Services

**Proposed Action**

That the Metropolitan Council adopt the attached Advisory Comments and Review Record and take the following actions:

**Recommendation of the Community Development Committee:**

1. Authorize the City of Lino Lakes to put its 2030 Comprehensive Plan Update into effect.
2. Adopt the revised the population and employment forecasts, as shown in Table 1 of the attached Review Record.
3. Advise the City to:
  - a. Continue to participate in the Council's Plat Monitoring Program.
  - b. Implement the advisory comments for Transportation, Surface Water Management, and Water Supply.

**Recommendation of the Environment Committee:**

Approve the City of Lino Lakes Tier II Comprehensive Sewer Plan.

## ADVISORY COMMENTS

### City of Lino Lakes 2030 Comprehensive Plan Update and Tier II Comprehensive Sewer Plan

Review File No. 20653-1 – Council Business Item No. 2009-412

The following Advisory Comments are part of the Council action authorizing the City to implement its 2030 Comprehensive Plan Update (“Update”) and approving the City’s Tier II Comprehensive Sewer Plan:

#### **Community Development Committee**

1. The Council-adopted *Local Planning Handbook* states that the City must take the following steps:
  - a. Adopt the Update in final form after considering the Council’s review recommendations; and
  - b. Submit one electronic copy and one hard copy of the Update to the Council. The electronic copy must be organized as one unified document.
  - c. Submit to the Council a copy of the City Council resolution evidencing final approval of the Update.
2. The Council’s *Handbook* also states that local governments must formally adopt their comprehensive plans within nine months after the Council’s final action. If the Council has recommended changes, local governments should incorporate those recommended changes into the plan or respond to the Council before “final approval” of the comprehensive plan by the governing body of the local governmental unit. (Minn. Stat. § 473.858, subd. 3)
3. Local governmental units must adopt official controls as described in their adopted comprehensive plans and must submit copies of the official controls to the Council within 30 days after official controls are adopted. (Minn. Stat. § 473.865, subd. 1)
4. Local governmental units cannot adopt any official controls or fiscal devices that conflict with their comprehensive plans or which permit activities in conflict with the Council’s metropolitan system plans (Minn. Stat. §§ 473.864, subd. 2; 473.865, subd. 2). If official controls conflict with comprehensive plans, the official controls must be amended within nine months following amendments to comprehensive plans (Minn. Stat. § 473.865, subd. 3).

#### **Environment Committee**

1. The Council-approved Tier II Comprehensive Sewer Plan becomes effective only after the Update also receives final approval from the City’s governing body. After the Update receives final approval from the City and the Tier II Sewer Plan becomes effective, the City may implement its Update to alter, expand, or improve its sewage disposal system consistent with the Council-approved Tier II Sewer Plan.
2. A copy of the City Council resolution adopting its Update, including the Tier II Sewer Plan, must be submitted to the Council.

## Background

The City of Lino Lakes is located in southeastern Anoka County and is bordered by the City of Columbus to the north, the City of Forest Lake to the northeast, the City of Hugo to the east, White Bear Township to the southeast, the City of North Oaks to the south, the City of Shoreview to the southwest, the City of Circle Pines and the City of Blaine to the west, and the City of Ham Lake to the northwest. The City of Lino Lakes also completely surrounds the City of Centerville.

The *2030 Regional Development Framework* (RDF) identifies the City as a “Developing” geographic planning area (see Figure 2).

The City submitted its *2030 Comprehensive Plan* (Update) to the Council for review to meet the Metropolitan Land Planning Act requirements (Minn. Stat. 473.175) and the Council’s 2005 System Statement requirements.

## Rationale

1. Does the proposed Update conform to Regional Systems Plans?
2. Is the Update consistent with Metropolitan Council policies?
3. Is the Update compatible with the plans of adjacent governmental units and plans of affected special districts and school districts?

### Conformance with Regional Systems Plans:

- |   |     |
|---|-----|
| 1. Regional Parks   | Yes |
| 2. Transportation, including Aviation   | Yes |
| 3. Water Resources Management<br>(Wastewater Services and Surface Water Management) | Yes |

### Consistent with Council Policy Requirements:

- |  |   |
|--|---|
| 1. Forecasts   | No, see Forecast section of Review Record.<br>Revised forecasts are acceptable. |
| 2. Housing   | Yes   |
| 3. <i>2030 Regional Development Framework</i> and Land Use | Yes   |
| 4. Individual Sewage Treatment Systems (ISTS) Program      | Yes   |
| 5. Water Supply  | Yes   |

### Compatible with the Plans of Adjacent Governmental Units and Plans of Affected Special Districts and School Districts

- |                                |     |
|--------------------------------|-----|
| 1. Compatible with other plans | Yes |
|--------------------------------|-----|

## Funding

None.

## Known Support / Opposition

There is no known opposition.

## REVIEW RECORD

### Review of the City of Lino Lakes 2030 Comprehensive Plan Update

#### STATUTORY AUTHORITY

The Metropolitan Land Planning Act (MLPA) requires local units of government to submit comprehensive plans and plan amendments to the Council for review and comment (Minn. Stat. § 473.864, Subd. 2). The Council reviews plans to determine:

- *Conformance with metropolitan system plans,*
- *Consistency with other adopted Plans of the Council, and*
- *Compatibility with the Plans of other local jurisdictions in the Metropolitan Area.*

The Council may require a local governmental unit to modify any plan or part thereof if, upon the adoption of findings and a resolution, the Council concludes that the Plan is more likely than not to have a substantial impact on or contain a substantial departure from metropolitan system plans (Minn. Stat. § 473.175, Subd. 1).

Each local government unit shall adopt a policy plan for the collection, treatment and disposal of sewage for which the local government unit is responsible, coordinated with the Metropolitan Council's plan, and may revise the same as often as it deems necessary. Each such plan shall be submitted to the Council for review and shall be subject to the approval of the Council as to those features affecting the Council's responsibilities as determined by the Council. Any such features disapproved by the Council shall be modified in accordance with the Council's recommendations (Minn. Stat. § 473.513).

#### CONFORMANCE WITH REGIONAL SYSTEMS

##### Regional Parks

*Reviewer: Jan Youngquist, CD – Regional Parks System Planning, (651-602-1029)*

The Update conforms to the *2030 Regional Park Policy Plan*. The Update acknowledges and plans for the regional parks system facilities in Lino Lakes, which include Rice Creek Chain of Lakes Park Reserve, Central Anoka County Regional Trail, Rice Creek Chain of Lakes-Bald Eagle Regional Trail, and the Bunker Hills-Rice Creek Chain of Lakes Regional Trail.

##### Transportation

###### ***Roads and Transit***

*Reviewer: Ann Braden, MTS – Systems Planning, (651-602-1705)*

The Update conforms to the *2030 Transportation Policy Plan*, adopted in 2004, and addresses all the applicable transportation and transit requirements of a comprehensive plan.

The City is served by segments of three principal arterials: I-35W, I-35E, and Anoka CR 14, as well as a number of "A" Minor Arterial Relievers and Expanders. The City is within the Metropolitan Transit Taxing District and is located in Market Area III. Service options for Market Area III include peak-only express, small vehicle circulators, midday circulators, special needs paratransit (ADA, seniors), and ridesharing.

###### Advisory Comments

The City needs to be aware that the City's proposed functional classification system (Figure 6-6) should be submitted to the TAC-Planning Committee for approval. This is a

separate process from the comprehensive plan update effort.

The following are minor technical corrections and updates regarding the transit system plan:

1. All references to Route 255 need to be deleted, as Route 255 was discontinued in June 2009.
2. The Transit Service and Facilities map (Figure 6-16) should show Route 275 extended via County Road 14 to Lino Park and Ride and Lino Lakes City Hall Park and Ride in downtown. Service was suspended during the reconstruction of County Road 14, but it has been restored.
3. Table 6-7: Lino Lakes Transit Utilization to/from Minneapolis and St. Paul seems to describe transit usage by the entire population of Lino Lakes to Minneapolis and St. Paul. LEHD data shows the transit mode split of only the that portion of the City's population that works in the downtowns and uses transit to commute.
4. The Transit Passenger and Support Facilities section should add the Lino Park and Ride and the Lino Lakes City Hall Park and Ride in downtown.
5. The Park-and-Rides section describes a planned 600-space Park-and-Ride at I-35E and CSAH 14. The anticipated capacity of this facility has been reduced from 600 spaces to 200 spaces.

### **Aviation**

*Reviewer: Chauncey Case, MTS – Systems Planning (651-602-1724)*

The Update conforms to the TPP and is consistent with Council aviation policy.

## **Water Resources Management**

### **Wastewater Service**

*Reviewer: Kyle Colvin, ES – Engineering Services, (651-602-1151)*

The Update conforms to the *2030 Water Resources Management Policy Plan (WRMPP)*. The Update summarizes the City's vision for the next 20 years or to year 2030. It includes growth forecasts that are consistent with the Council's recommended forecasts for population, households, and employment.

The Metropolitan Council Environmental Services currently provides wastewater treatment services to the City. Wastewater generated within the City is conveyed to and treated at the Metropolitan Council's Metropolitan Wastewater Treatment Plan in St. Paul. The City is provided conveyance service through interceptors 9106, 9708, and 8361. The Update projects that the City will have 10,450 seweried households and 8,000 seweried employees by 2030. The Metropolitan Disposal System with its planned scheduled improvements has, or will have, adequate capacity to serve the City's growth needs.

The Update provides sanitary flow projections in 5-year increments. The rationale for the projections is given in the Update and determined appropriate for planning for local services.

The City is not currently identified by the Council as a community impacted by wet weather occurrences. The Update, however, does include a description of an I/I reduction plan, which includes rehabilitation and maintenance of the sanitary sewer system. The City has an ordinance that prohibits the discharge of surface waters of any form into the sanitary sewer system.

### ***Tier II Comments***

The Tier II Sewer Element of the Update has been reviewed against the requirements for Tier II Comprehensive Sewer Plans for developing communities. It was found to be complete and consistent with Council policies. Upon adoption of the Update by the City, the action of the Council to approve the Tier II Plan becomes effective. At that time, the City may implement its Update to alter, expand, or improve its sewage disposal system consistent with the approved Tier II Sewer Plan. A copy of the City Council Resolution adopting its Plan needs to be submitted to the Metropolitan Council for its records.

### ***Surface Water Management***

*Reviewer: Judy Sventek, ES – Water Resources Assessment, 651-602-1156*

The Update conforms to the WRMPP for local surface water management. The City lies within the Rice Creek and Vadnais Lake Area watersheds. The Board of Water and Soil Resources (BWSR) approved the Vadnais Lake Area Watershed Management Organization's and the Rice Creek Watershed District's watershed management plans in 2007 and 1997 respectively.

The City prepared a local surface water management plan (SWMP) in 2005 that was reviewed under separate cover by Council staff. In addition, in partnership with the Rice Creek Watershed District, the City prepared a resource management plan (RMP) for areas in the Rice Creek watershed in 2008. Together, the RMP and the SWMP fulfill the Council's requirements for local surface water management. The SWMP and the RMP are consistent with Council policy and with the Council's WRMPP.

### **Advisory Comment**

The Rice Creek Watershed District has recently submitted their revised watershed management plan to the review authorities. The City should be aware that it will need to update its SWMP and submit it to the Council and to the watersheds for review for approval within two years of the Watersheds District's plan being approved.

## **CONSISTENCY WITH COUNCIL POLICY**

### **Forecasts**

*Reviewer: Todd Graham, CD - Research, (651-602-1322)*

The Update is not consistent with the Council's forecasts. The Update is based on the Council's households forecasts, as revised in 2006, though with reduced population assumptions. The Update reflects slight adjustments to the sanitary sewer-served households staging in 2020 and 2030. In addition, the City has requested an upward revision of employment forecasts, based on recent development activities and local research provided by the City.

The forecast of 10,600 households in 2030 is a reasonable expectation. Accommodation of household growth should require no more than 1,400 acres of net residential land use expansion. This expansion will occur within the 2,800-acre flexible MUSA residential guiding. The balance of the land guided for residential use (approximately 1,400 acres) is expected to be either undevelopable (wetlands) or reserve for post-2030 development.

Metropolitan Council's forecasts will be officially revised, as shown in Table 1 below, effective upon Council action on the Update.

**Table 1. City of Lino Lakes Revised Forecasts**

	2000	2010	2020	2030
Population – Unsewered	6,914	6,200	3,500	400
Population – Sewered	9,877	16,300	22,800	30,300
<b>Population TOTAL</b>	<b>16,791</b>	<b>22,500</b>	<b>26,300</b>	<b>30,700</b>
Households – Unsewered	2,000	2,200	1,300	150
Households – Sewered	2,857	5,300	7,800	10,450
<b>Households TOTAL</b>	<b>4,857</b>	<b>7,500</b>	<b>9,100</b>	<b>10,600</b>
Employment – Unsewered	0	0	0	0
Employment – Sewered	2,671	4,100	6,200	8,000
<b>Employment TOTAL</b>	<b>2,671</b>	<b>4,100</b>	<b>6,200</b>	<b>8,000</b>

The Council's forecasts for the City, as revised May 10, 2006 (Hardwood Creek CPA, Business Item 2006-127, Review File No. 18586-9), are shown in Table 2 below.

**Table 2. Metropolitan Council Forecasts**

	2000	2010	2020	2030
Population – Unsewered	6,914	7,000	1,800	1,750
Population – Sewered	9,877	16,700	25,700	29,555
<b>Population TOTAL</b>	<b>16,791</b>	<b>23,700</b>	<b>27,500</b>	<b>31,300</b>
Households – Unsewered	2,000	2,100	600	600
Households – Sewered	2,857	5,400	8,500	10,000
<b>Households TOTAL</b>	<b>4,857</b>	<b>7,500</b>	<b>9,100</b>	<b>10,600</b>
Employment – Unsewered	0	0	0	0
Employment – Sewered	2,671	2,950	3,300	3,550
<b>Employment TOTAL</b>	<b>2,671</b>	<b>2,950</b>	<b>3,300</b>	<b>3,550</b>

## 2030 Regional Development Framework and Land Use

*Reviewer: Lisa Barajas, CD – Local Planning Assistance, (651-602-1895)*

The Update is consistent with the *2030 Regional Development Framework* (RDF), which classifies the City as a Developing community. Developing communities are expected to accommodate growth, support centers along corridors, and encourage the development of communities where shopping, jobs, and a variety of housing choices co-exist by design. Developing communities are also expected to accommodate sewer residential growth at a net density of at least 3 to 5 units per acre.

The City is approximately 21,267 acres in size with the Rice Creek Chain of Lakes Regional Park Reserve occupies the center of the City, with the City of Centerville on the

eastern side of the park. The locations and extent of these two items present some challenges for the City in providing for integrated land uses and staging sewer development. The Update describes goals and policies to coordinate transportation with land use planning, increase mixed use development in appropriate areas in the City, prevent fragmented development, and provide balanced land use and connectivity that ensures the integration of both sides of the regional park.

The City has developed a staging and growth management plan that details the timing and phasing for wastewater service to all areas within the City. Through 2030, the City plans to accommodate the forecasted household growth through the staging of municipal services in 5-year timeframes (Figure 3-4: Utility Staging Map). The City's staging plan indicates that, to promote an efficient growth pattern, development outside of the current five-year phase will be limited to agriculture-related uses and low density residential at a density of one unit per 10 acres.

The Update guides 2,463 net acres for residential development between 2010 and 2030 as Low, Medium, and High Density Residential uses, as well as Mixed Use. This land, at minimum densities, has more than enough capacity to accommodate the City's forecasted household growth. The City indicates that the additional land is guided to provide the City with flexibility in where development occurs given the City's access to five regional sewer interceptors, the location and extent of the regional park reserve, and the abundance of sensitive natural resources.

The City has guided 519 net acres of land for Mixed Use, with 8 specific project sites identified. Five of these Mixed Use areas were included in the City's existing 2020 comprehensive plan and do not represent a change in guiding. These areas include Lake Drive/77<sup>th</sup> Ave, Legacy at Woods Edge, CR 49/J, and Hardwood Creek. The four areas have an allowable density range of 8 to 24 units per acre, with specific limits in the Hardwood Creek area and varying residential/commercial land allocations (see Table 3 below).

**Table 3. Mixed Use Site Characteristics\***

Mixed Use Area	Gross Acres	Net Acres	Residential / Commercial	Net Residential Acres Phasing		Density Range (units /acre)
				2010-2020	2020-2030	
Robinson Farm	29	27	75/25	10	10	8 to 15
Lake Drive / Main Street	23	23	75/25	19	0	8 to 15
Lake Drive / 77th Ave	3	3	75/25	2	0	8 to 15
Legacy at Woods Edge**	43	27	--	27	0	10 to 24
County Roads 49/J	36	35	50/50	17	0	8 to 15
Centerville Rd / Birch St	38	31	80/20	0	24	8 to 15
Centerville Rd / CR J	24	24	60/40	14	0	8 to 15
Hardwood Creek***	365	350	80/20	280	0	4.5 (max)

\* Details adapted from Table 3-4 in Update's supplemental materials, October 7, 2009.

\*\* Net Acres represents the undeveloped portion of the project area. 450 total units approved in the PUD for this area, 60 are built, 390 remain.

\*\*\* Net density maximum of 4.5 units per acre, with 2/3 of the residential area reserved for low density not to exceed 3.0 units per acre.

Pursuant to the Metropolitan Council's Revised MUSA Implementation Guidelines, the City is planning for new development from 2020-2030 and newly guided areas to achieve a minimum net density of 3.03 units per acre. This planned density is consistent with the



Council’s density guidelines for sanitary sewer residential development in Developing communities. As shown in Table 4 below, these areas are largely guided for Low Density Residential at 1.5 to 3.5 units per acre, with the remaining 425 acres of newly planned areas guided for medium density, high density residential, and mixed uses.

**Table 4. Newly Planned Residential Development Density Calculation\***

Category	Density Range		Net Res Acres**	Min Units	Max Units
	Min	Max			
Low Density Residential	1.5	3.5	746.3	1119	2612
Medium Density Residential	3.6	6.9	185.1	666	1277
High Density Residential	7	12	162.1	1135	1945
Mixed Use***	8	15	78.1	625	1172
<b>TOTALS</b>			<b>1171.6</b>	<b>3545</b>	<b>7006</b>
<b>Planned Density</b>				<b>3.03</b>	<b>5.98</b>

\* Net Residential Acres found in Appendix B, and confirmed in Table 3-4 and Table 3-5 in the Update.

\*\* Net Residential Acres only includes area guided for residential uses in the Mixed Use category.

\*\*\* Mixed Use includes the Robinson Farm Area, Lake Drive/Main St Area, Centerville Road/Birch St Area, and Centerville Rd/CR J Area as these are newly planned Mixed Use Areas. Other Mixed Use Areas included in the Update are guided for development between 2010 and 2020 and are a part of the City’s approved 2020 plan.

The City has participated in the Council’s Plat Monitoring Program, with data submitted back to 2002. From 2002 through 2008, the City has approved 34 residential subdivisions, allowing 1,361 residential units on 371.1 net acres, resulting in a net density of 3.67 units per acre.

## Housing

Reviewer: Linda Milashius, CD – Livable Communities, (651-602-1541)

The Update fulfills the affordable housing planning requirements of the Metropolitan Land Planning Act. The Update acknowledges the City’s share of the region’s affordable housing need for 2011-2020, which is 560 units.

To provide opportunities to meet this need, the Update indicates that 45 acres of land will be available between 2010 and 2020 for high density residential development at 7 to 12 units per acre. Also, within the Mixed Use category, the Update shows the potential for an additional 766 units, developed at densities of 8 to 24 units per acre.

The Update provides the implementation tools and programs that the City will use to promote opportunities to address its share of the region’s housing need. These include creating an incentive-based program or residential planned unit development (PUD) ordinance that includes density bonuses for the construction of affordable housing, activating and utilizing powers and tools of the City’s Economic Development Authority and/or Housing and Redevelopment Authority to make funds available for the creation of affordable housing; developing policies to use tax increment financing (TIF) to fund affordable housing activities; partnering with and supporting affordable housing programs offered by county, state, federal, and non-profit agencies; and continuing to participate in the Local Housing Incentives Account program. The City is an active participant in the Local Housing Incentives program of the Livable Communities Act and has applied for,

and received, over \$1.6 million in grants through the LCA program.

### **Community and Individual Sewage Treatment Systems (ISTS)**

*Reviewer: Jim Larsen, CD – Local Planning Assistance, (651-602-1159)*

The Update is consistent with the WRMP for ISTS. It indicates that there are 1,910 ISTS in operation in the City. The City's ISTS Ordinance, in part, adopts MPCA 7080 Rules in their entirety, by reference. The City's Ordinance and maintenance management program are consistent with MPCA rules and with Council policy requirements.

### **Water Supply**

*Reviewer: Sara Smith, ES – Water Supply Planning, (651-602-1035)*

The Update is consistent with the WRMP for water supply.

#### Advisory Comment

The Council encourages the City to continue to promote wise water use with its customers through conservation education messages and programs.

### **Resource Protection**

#### **Historic Preservation**

*Reviewer: Lisa Barajas, CD – Local Planning Assistance, (651-602-1895)*

The Update contains a section related to historic preservation. The Update indicates that the City conducted a cultural resource assessment in the I-35E corridor, which identified high potential for historic resources in the area. The Update states that the City will preserve historic structures and landscapes whenever possible.

#### **Solar Access Protection**

*Reviewer: Lisa Barajas, CD – Local Planning Assistance, (651-602-1895)*

The Update contains a section addressing solar access protection as required by the MLPA. The Update acknowledges this requirement and details the methods that the City will employ to ensure solar access for all residents.

#### **Aggregate Resources Protection**

*Reviewer: Jim Larsen, CD – Local Planning Assistance, (651-602-1159)*

The Update indicates that there are no high quality aggregate resource deposits located within the community, consistent with *Minnesota Geological Survey Information Circular 46*.

## **PLAN IMPLEMENTATION**

*Reviewer: Lisa Barajas, CD – Local Planning Assistance, (651-602-1895)*

The Update includes a description of and schedule for any necessary changes to:

- Capital Improvement Program Yes
- Zoning Code Yes
- Subdivision Code Yes
- ISTS Code Yes
- Housing Implementation Program Yes

The Update contains implementation plans for each section of the Update, as well as a consolidated implementation chapter. The Update describes the official controls, other

policy plans, and tools that the City will use to implement its plan. The Implementation Plan also describes the major implementation steps and initiatives for each section of the Update. Appendix F of the Update includes the City's capital improvement plan, current zoning map, and a brief description of the zoning districts currently in place.

## **COMPATIBILITY WITH PLANS OF ADJACENT GOVERNMENTAL UNITS AND PLANS OF AFFECTED SPECIAL DISTRICTS AND SCHOOL DISTRICTS**

The City submitted the Update to adjacent local units of government, school districts, counties and special districts for comment on November 14, 2008. The City of Lino Lakes, the City of Forest Lake, and the City of Columbus need to continue their coordination to resolve potential land use conflicts along their shared boundaries in the Interstate 35 area.

### **DOCUMENTS SUBMITTED FOR REVIEW:**

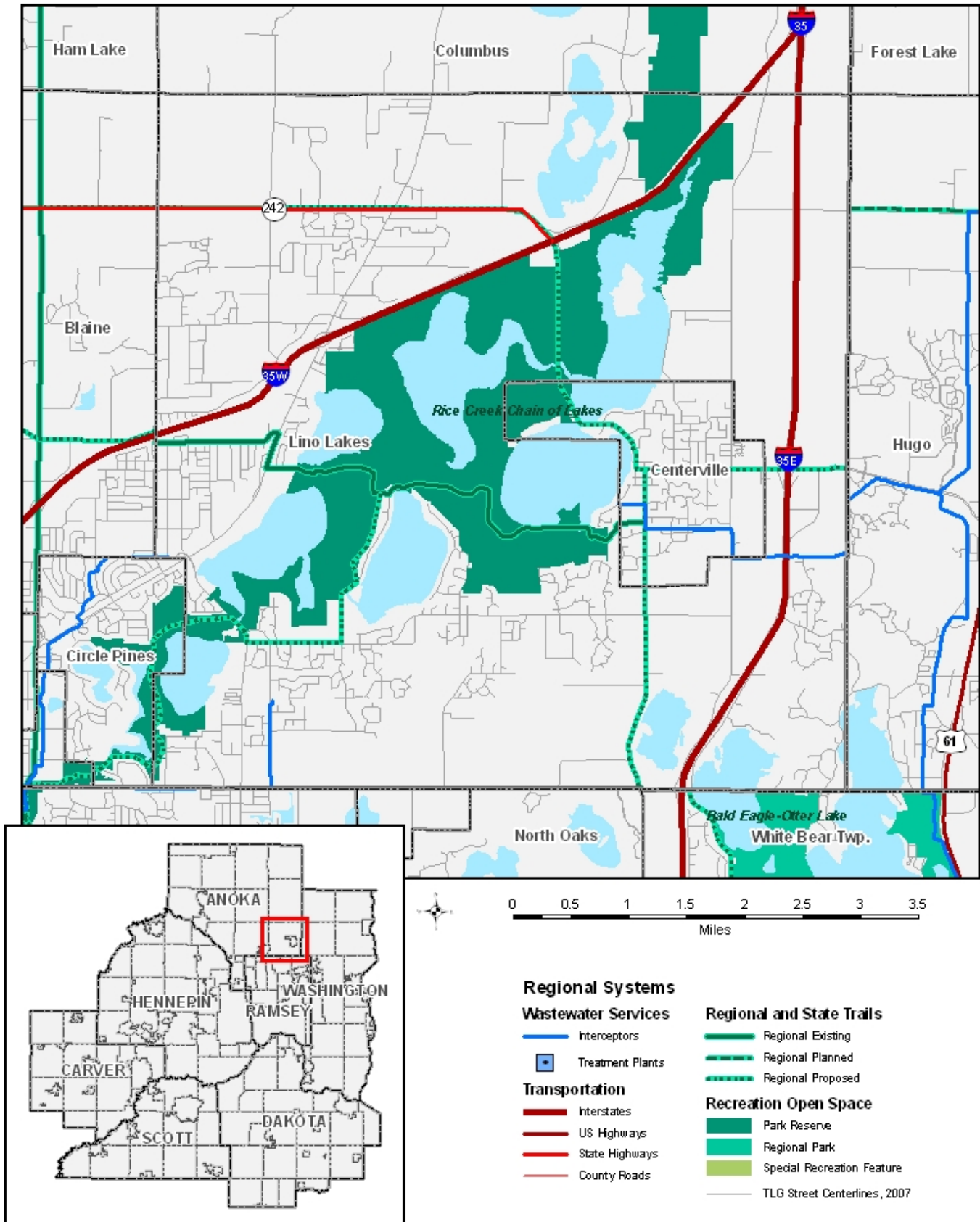
- City of Lino Lakes 2030 Comprehensive Plan (August 30, 2008)
- Revisions to forecasts, housing, transportation, land use, and parks in response to the Council's incomplete letter (October 7, 2009)

### **ATTACHMENTS**

- Figure 1: Location Map Showing Regional Systems
- Figure 2: 2030 Regional Development Framework Planning Areas
- Figure 3: Existing Land Use
- Figure 4: Future Land Use
- Figure 5: Existing Land Use and Staging Tables

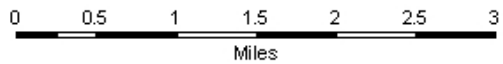
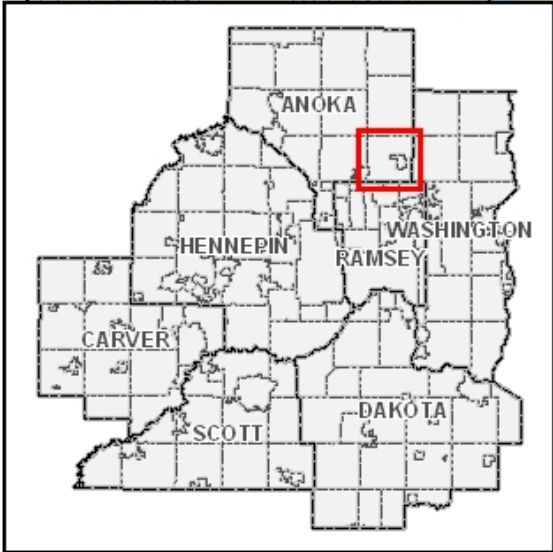
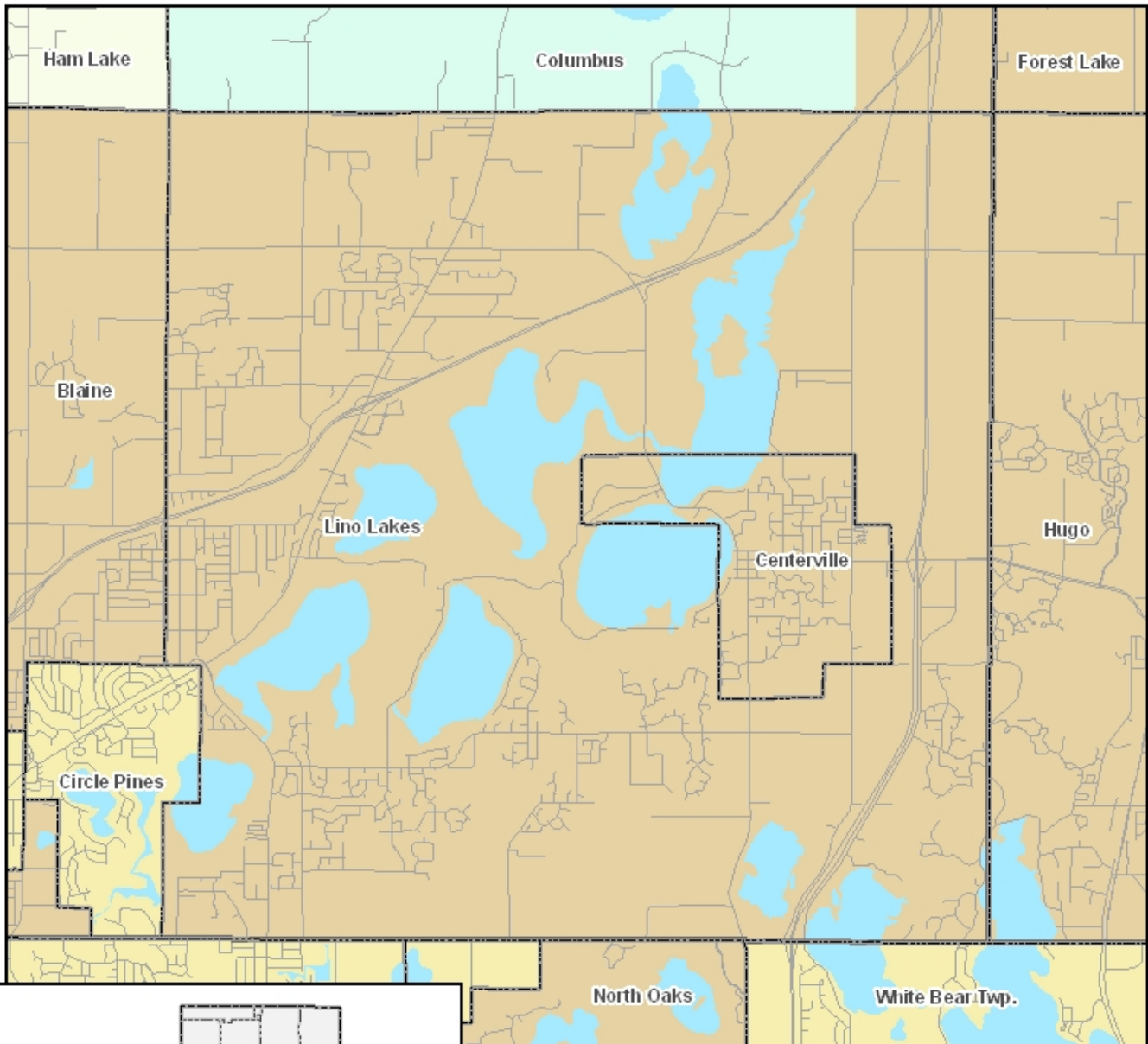
**Figure 1. Location Map with Regional Systems**

City of Lino Lakes



**Figure 2. 2030 Regional Development Framework Planning Areas**

City of Lino Lakes

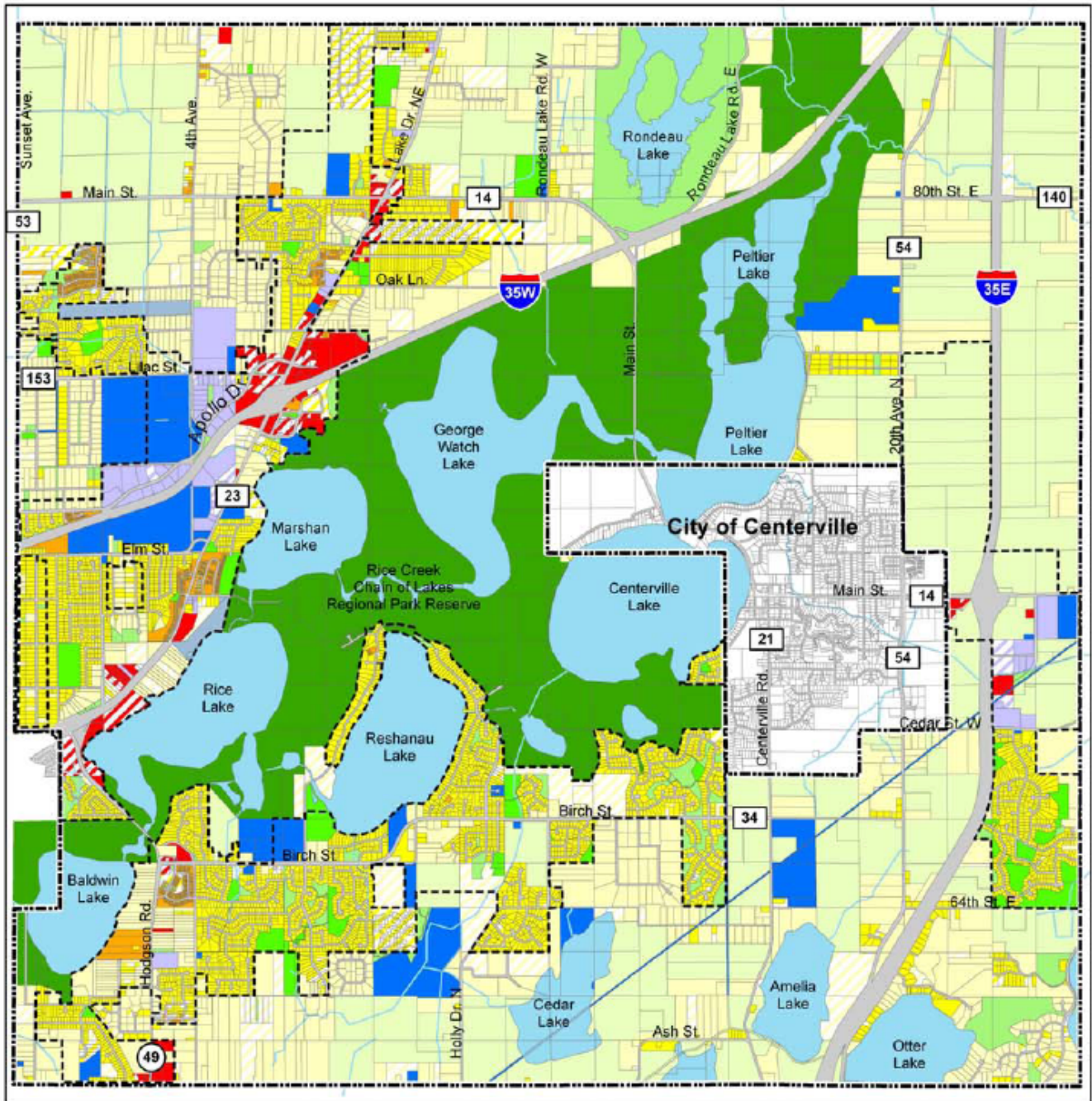


**2030 Framework Planning Areas**

- Agricultural Area
- Developed Area
- Developing Area
- Diversified Rural
- Non-Council Area
- Rural Center
- Rural Residential
- TLG Street Centerlines, 2007



Figure 3. Existing Land Use



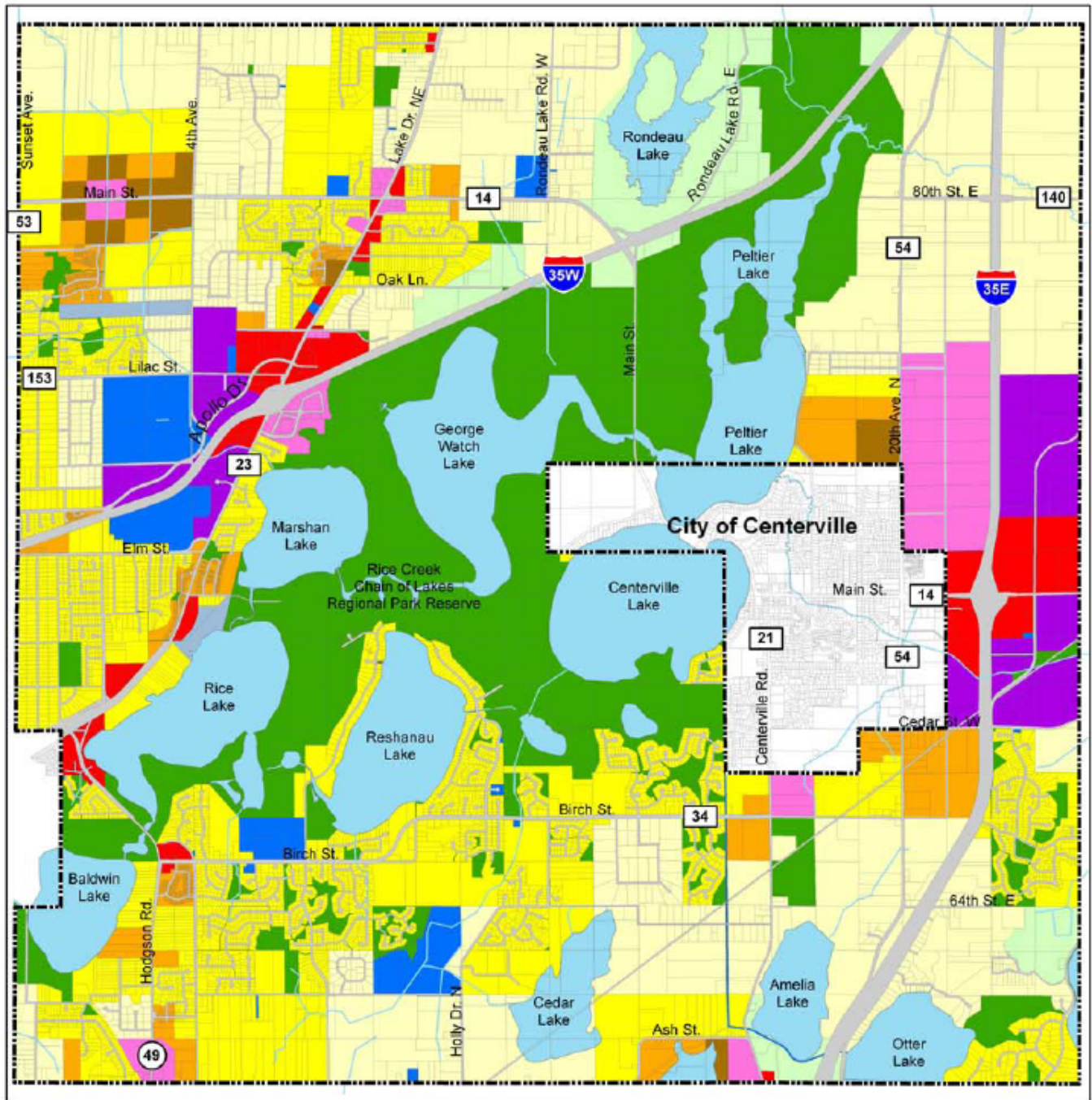
### 2006 Existing Land Use

City of Lino Lakes 2030 Comprehensive Plan

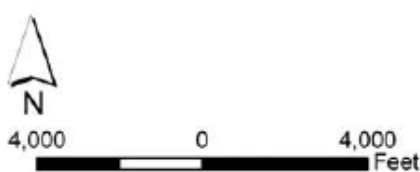




**Figure 4. 2030 Future Land Use**  
City of Lino Lakes



**2030 Future Land Use Map**  
City of Lino Lakes 2030 Comprehensive Plan



- Municipal Boundary
- Permanent Rural
- Urban Reserve
- Low Density Residential
- Medium Density Residential
- High Density Residential
- Commercial
- Mixed Use
- Industrial
- Civic/Institutional
- Park/Open Space
- Private Airfield
- Right-of-Way
- Open Water



April 21, 2009

Prepared by Boeastro  
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**Figure 5. Existing Land Use and Staging Tables**  
City of Lino Lakes

**Table 3-1**  
**Existing Land Use**

Use	Gross Acreage	Percentage	Net Acreage	Percentage
Agriculture	4,422	20.8%	3,482	27.7%
Rural Residential	3,743	17.6%	2,775	22.1%
Open Water	3,269	15.4%	NA	NA
County Park	2,906	13.7%	1,055	8.4%
Single family Residential	2,019	9.5%	1,772	14.1%
ROW	1,591	7.5%	1,498	11.9%
Public/Semi-Public	727	3.4%	565	4.5%
Vacant Rural Residential	669	3.2%	334	2.7%
Open Space	594	2.8%	153	1.2%
Vacant Residential	321	1.5%	187	1.5%
City Park	285	1.3%	149	1.2%
Industrial	231	1.1%	227	1.8%
Multi-Family Residential	143	0.7%	111	0.9%
Commercial	131	0.6%	114	0.9%
Vacant Commercial	116	0.6%	90	0.7%
Airport	61	0.3%	43	0.3%
Vacant Industrial	39	0.2%	35	0.3%
<b>City Total</b>	<b>21,267</b>	<b>100.0%</b>	<b>12,590</b>	<b>100.0%</b>

Source: City of Lino Lakes and Bonestroo

**Table 3-5. New Development by Land Use in 5-year Increments**

2030 Land Use	2010 - 2015 (Net Acres <sup>1</sup> )	2015 - 2020 (Net Acres)	2020 - 2025 (Net Acres)	2025 - 2030 (Net Acres)	Total (Net Acres)
Low Density Residential	549	109	309	392	<b>1,360</b>
Medium Density Residential	206	84	86	61	<b>437</b>
High Density Residential	45	0	103	0	<b>147</b>
Mixed Use <sup>2</sup>	352	122	14	31	<b>519</b>
Commercial	281	0	0	0	<b>281</b>
Industrial	156	0	172	0	<b>328</b>
<b>Total</b>	<b>1,590</b>	<b>315</b>	<b>684</b>	<b>484</b>	<b>3,072</b>

<sup>1</sup> Net of wetland

<sup>2</sup> Includes anticipated residential and non-residential development