

Community Development Committee

Meeting date: December 16, 2019

Environment Committee

Meeting date: January 14, 2020

For the Metropolitan Council meeting of January 22, 2020

Subject: Carver County 2040 Comprehensive Plan and Laketown Township Comprehensive Sewer Plan, Review File 21937-1

Proposed Action

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

Recommendations of the Community Development Committee

1. Authorize Carver County to place its 2040 Comprehensive Plan into effect.
2. Revise the Laketown Township's forecasts upward as shown in Table 2 of the attached Review Record.
3. Revise the Laketown Township's sewer-serviced employment forecasts upward as shown in Table 3 of the attached Review Record.

Recommendation of the Environment Committee

1. Approve Laketown Township's Comprehensive Sewer Plan.

Summary of Community Development Committee Discussion/Questions

Senior Planner, Raya Esmaili, presented the staff's report to the Committee. Planner Adriana Atcheson from Carver County was in attendance.

The Community Development Committee unanimously recommended approval of the proposed actions with no questions or discussion at its meeting on December 16, 2019.

Summary of Environment Committee Discussion/Questions

No comments or questions. The Environment Committee approved the proposed action on its consent agenda at the January 14, 2020 meeting.

Community Development Committee

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Subject: Carver County 2040 Comprehensive Plan and Laketown Township Comprehensive Sewer Plan, Review File 21937-1

District(s), Member(s): District 3, Christopher Ferguson; District 4, Deb Barber

Policy/Legal Reference: Metropolitan Land Planning Act (Minn. Stat. § 473.175), Minn. Stat. § 473.513

Staff Prepared/Presented: Raya Esmaeili, Senior Planner (651-602-1616)
Angela R. Torres, Local Planning Assistance Manager (651-602-1566)
Kyle Colvin, Engineering Programs, Manager (651-602-1151)

Division/Department: Community Development / Regional Planning
Environmental Services / Technical Services

Proposed Action

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1. Authorize Carver County to place its 2040 Comprehensive Plan into effect.
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Advisory Comments

The following Advisory Comments are part of the Council action authorizing Carver County to implement its 2040 Comprehensive Plan (Plan).

Community Development Committee

1. As stated in the *Local Planning Handbook*, the County must take the following steps:
 - a. Adopt the Plan in final form after considering the Council's review recommendations as contained in the body of this report.
 - b. Submit one hard copy and one electronic copy of the Plan to the Council. The electronic copy must be submitted as one unified file.
 - c. Submit to the Council a copy of the County Board resolution evidencing final adoption of the Plan.
2. The *Local Planning 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 to the Plan, local governments should incorporate those recommended changes into the Plan or respond to the Council before "final adoption" of the comprehensive plan by the governing body of the local governmental unit. (Minn. Stat. § 473.858, subd. 3)
3. Local governments must adopt official controls as identified in their 2040 comprehensive plans and must submit copies of the official controls to the Council within 30 days after the 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. Stats. §§ 473.864, subd. 2; 473.865, subd. 2). If official controls conflict with comprehensive plans, the official controls must be amended within 9 months following amendments to comprehensive plans (Minn. Stat. § 473.865, subd. 3).

Environment Committee

1. The Council-approved Comprehensive Sewer Plan for Laketown Township becomes effective only after the Plan receives final approval from the local governmental unit's governing body. After the Plan receives final approval from the County and the Comprehensive Sewer Plan becomes effective, the Township may implement its Plan to alter, expand, or improve its sewage disposal system consistent with the Council-approved Comprehensive Sewer Plan.
2. A copy of the County Board resolution adopting its 2040 comprehensive plan, including its Comprehensive Sewer Plan, must be submitted to the Council.

Background

Carver County is located in the western part of the seven-county metropolitan area. It is bordered by Hennepin and Scott County. Carver County has planning authority for all 10 townships within its borders. The Plan fulfills the Metropolitan Land Planning Act (MLPA) and system statement requirements for the townships of Benton, Camden, Dahlgren, Hancock, Hollywood, Laketown, San Francisco, Waconia, Watertown, and Young America.

The County submitted its 2040 Comprehensive Plan (Plan) to the Council for review to meet the Metropolitan Land Planning Act requirements (Minn. Stats. §§ 473.851 to 473.871) and the Council’s 2015 System Statement requirements.

Review Authority & Rationale

Minn. Stat. § 473.175 directs the Metropolitan Council to review a local government’s comprehensive plan and provide a written statement to the local government regarding the Plan’s:

- **Conformance** with metropolitan system plans
- **Consistency** with the adopted plans and policies of the Council
- **Compatibility** with the plans of adjacent governmental units and plans of affected special districts and school districts

By resolution, the Council may require a local government to modify its comprehensive plan if the Council determines 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).

Laketown Township 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 (Minn. Stat. § 473.513).

The attached Review Record details the Council’s assessment of the Plan’s conformance, consistency, and compatibility, and is summarized below.

Review Standard	Review Area	Plan Status
Conformance	Regional system plan for Parks	Conforms
Conformance	Regional system plan for Transportation, including Aviation	Conforms
Conformance	Water Resources (Wastewater Services and Surface Water Management)	Conforms
Consistency with Council Policy	<i>Thrive MSP 2040</i> and Land Use	Consistent
Consistency with Council Policy	Forecasts	Consistent, with the proposed revision to Laketown Township forecasts
Consistency with Council Policy	<i>2040 Housing Policy Plan</i>	Consistent
Consistency with Council Policy	Water Supply	Consistent
Consistency with Council Policy	Community and Subsurface Sewage Treatment Systems (SSTS)	Consistent
Compatibility	Compatible with the plans of adjacent and affected governmental districts	Compatible

Thrive Lens Analysis

The proposed 2040 comprehensive plan is reviewed against the land use policies in *Thrive MSP 2040*. To achieve the outcomes identified in Thrive, the metropolitan development guide defines the Land Use Policy for the region and includes strategies for local governments and the Council to implement. These

policies and strategies are interrelated and, taken together, serve to achieve the outcomes identified in Thrive.

Funding

The Metropolitan Council awarded the County a Planning Assistance Grant of \$84,000 to complete its 2040 comprehensive plan. The first half of this grant was paid to initiate the local planning process. The second half of the grant will be paid after Council authorization of the County's Plan, local adoption, and the County's submittal of final reporting requirements.

Known Support / Opposition

There is no known local opposition to the 2040 comprehensive plan.

REVIEW RECORD

Carver County 2040 Comprehensive Plan and Laketown Township Comprehensive Sewer Plan

Review File No. 21937-1, Business Item No. 2019-331-JT

The following Review Record documents how the proposed Plan meets the requirements of the Metropolitan Land Planning Act and conforms to regional system plans, is consistent with regional policies, and is compatible with the plans of adjacent and affected jurisdictions.

Conformance with Regional Systems

The Council reviews plans to determine conformance with metropolitan system plans. The Council has reviewed the County's Plan and finds that it conforms to the Council's regional system plans for Regional Parks, Transportation (including Aviation), and Water Resources.

Regional Parks and Trails

Reviewer: Colin Kelly, Community Development (CD) - Regional Parks (651-602-1361)

The Plan conforms to the 2040 Regional Parks Policy Plan (RPPP). Carver County is the Park implementing agency for the Regional Parks System in Carver County, for which the Plan accurately describes the Regional Parks System components, as described below.

Regional Parks, Park Reserves or Special Recreation Features

- Baylor Regional Park
- Carver Park Reserve
- Lake Minnewashta Regional Park
- Lake Waconia Regional Park
- Miller Lake Regional Park Search Area
- Minnesota Bluffs and Ravines Regional Park Search Area

Regional Trails

- County Road 10 Regional Trail Search Corridor
- County Road 61 Regional Trail Search Corridor
- Dakota Rail Regional Trail
- Highway 5 Regional Trail Search Corridor
- Highway 41 Regional Trail Search Corridor
- Highway 101 Regional Trail Search Corridor
- Lake Minnetonka LRT Regional Trail
- Lake Waconia – Carver Regional Trail Search Corridor
- Lake Waconia Regional Trail Search Corridor
- Minnesota River Bluffs Extension Regional Trail Search Corridor
- Minnesota River Bluffs LRT Regional Trail
- Minnetrista Regional Trail Search Corridor
- Southwest Regional Trail
- Twin Cities & Western Regional Trail Search Corridor

The Plan also adequately plans for State and Federal lands within the communities of the County (Figure 1).

Regional Transportation, Transit, and Aviation

Reviewer: Russ Owen, Metropolitan Transportation Services (MTS) (651-602-1724)

The Plan conforms to the 2040 Transportation Policy Plan (TPP) adopted in 2015. It accurately reflects transportation system components of the TPP. The Plan is also consistent with Council policies regarding community roles, the needs of non-automobile transportation, access to job concentrations, and the needs of freight.

Roadways

The Plan conforms to the Highways system element of the TPP. The County's Plan accurately accounts for the metropolitan highway system of principal arterials, including planned additions and improvements identified in the Current Revenue Scenario, and any right-of-way preservation needs. This includes U.S. 212, TH 7, and TH 41.

The Plan identifies proposed new or improved interchanges at U.S. 212 and TH 5, CSAH 51, CSAH 41 and CSAH 43. These have not been reviewed and approved by the MnDOT/Metropolitan Council joint interchange committee, and the County will work with MnDOT to preserve the interchange locations and funding.

The County's Plan accurately reflects the regional functional classification map of A-minor arterials and has delineated major and minor collectors.

All functional classification changes to the A-Minor or Principal Arterial system must go through the TAC/TAB/Met Council review process. Directions for this submittal can be found on the Council's website at <https://metro council.org/Transportation/Planning-2/Transit-Plans,-Studies-Reports/Highways-Roads/Functional-Roadway-Classification/Functional-Roadway-Classification-Resources/FunClassInstructions.aspx>.

- The County has requested four functional classification changes, that were reviewed through the TAC process in the summer of 2019 and TAB will be voting on them at its December 2019 meeting.

The Plan identifies all the required characteristics of the County's roadways, including existing and future functional class, right-of-way preservation needs, and existing and forecasted traffic volumes for principal and A-minor arterials. Forecasting is consistent with regional methodology. The Plan also includes guidelines on how access will be managed for principal and A-minor arterials.

The Plan identifies roadway and corridor studies that include recommendations regarding alignments, changes in access, and/or changes in land use. They include:

- Regional Truck Highway Corridor Study (2017) – This identified and prioritized the improvement of the most significant regional truck highway corridors. TH 13 from US 169 to I-35W was ranked as a Tier 1 regional truck corridor.
- US 169 Mobility Study (2018) – The study identified and evaluated cost-effective options for improving transit and reducing congestion on Hwy 169 between Hwy 41 in Shakopee and Hwy 55 in Golden Valley.
- CH 2 and I-35 Interchange Design (2016) - Preliminary design and environmental review work has been conducted to determine the proposed design for a new interchange at County Highway (CH) 2 and Interstate (I-) 35.

The Plan accurately describes the status of such facilities, including needs for right-of-way and the likelihood and timing of funding.

Transit

The Plan conforms to the Transit system element of the TPP. It shows the location of existing transit routes and facilities and acknowledges the County is within Transit Market Areas III, Emerging Market Area III, IV, and V and Free-Standing Town Center.

The Plan incorporates transitways that are part of the Increased Revenue Scenario in the TPP. The Plan's maps and narrative acknowledge the uncertainty of these transitways. This includes the Highway 169 accelerated transitway study.

The Plan is consistent with the policies of the Transit system element of the TPP. The Plan addresses community roles related to the County's Community Designations of Suburban Edge, Emerging Suburban Edge, Rural Center, Diversified Rural, and Agricultural, as well as the opportunities and challenges related to its Transit Market Areas.

Aviation

The Plan conforms to Aviation system element of the TPP. The Plan includes policies that protect regional airspace from obstructions and addresses seaplane use.

There is no existing or proposed regional system airport located in Carver County. The Plan identifies five private airstrips in the County. The Plan addresses issues including land use compatibility, noise sensitivity, and the protection of airspace from obstructions.

Bicycling and Walking

The Plan is consistent with the Bicycling and Pedestrian chapter of the TPP. The Plan identifies existing and future segments of and connections to the Regional Bicycle Transportation Network (RBTN) and regional trails. Most alignments and corridors are classified as Tier 2. The few Tier 1 alignments within Carver County is TH 5 from Waconia to the eastern county border, Lake Minnetonka LRT Regional Trail, TH 101 from the southern county border north to the Minnesota River Bluffs LRT Regional Trail and Minnesota River Bluffs LRT Regional Trail from Flying Cloud Drive to the eastern county border.

The Plan is also consistent with Bicycle and Pedestrian policies of the TPP by planning for local pedestrian and bicycle connections to transit, regional trails, regional job concentrations, and other regional destinations as identified on the RBTN map.

Freight

The Plan is consistent with Freight policies of the TPP. The Plan identifies the needs of freight movement in and through the County, including accessibility to freight terminals and facilities. These specific needs include bottlenecks or congestion, highway design and characteristics, and rail crossings.

Transportation Analysis Zones (TAZs)

The Plan conforms to the TPP regarding TAZ allocations. The County's TAZ allocations for employment, households, and population appropriately sum to the Council's forecast totals for all forecast years.

The County's planned land uses and areas identified for development and redevelopment can accommodate the TAZ forecasted allocations in the Plan, and at densities consistent with the County's Thrive designations.

Water Resources

Wastewater Service

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

County Sewer Plan Comments

The Plan conforms to the *2040 Water Resources Policy Plan (WRPP)*. The Plan covers 10 Townships in Carver County and is the guide for their future growth and development through the year 2040. Except for Laketown Township, the Townships included in the Plan are entirely provided wastewater service using Subsurface Treatment Systems, or SSTS. The Plan indicates continued wastewater services will be provided through the use of SSTS through 2040 for all the Townships, except for Laketown Township.

The Metropolitan Council does not have plans to provide wastewater services to any of the other Townships included in the Plan within the 2040 planning period. With the exception of Laketown Township, the Plan does not propose that any of the other nine Townships will request connection to the Regional Wastewater Disposal system within the 20-year planning period. Therefore, those nine Townships are not required to submit for approval a Comprehensive Sanitary Sewer Plan.

Comprehensive Sewer Plan Comments – Laketown Township

The Comprehensive Sewer Plan for Laketown Township conforms to the 2040 WRPP. The Plan represents the Township's guide for growth and development through the year 2040. It includes growth forecasts that are consistent with the Council's agreed to forecasts for population, households, and employment.

The Metropolitan Council Environmental Services currently provides wastewater treatment services to four areas within the Township. Wastewater generated within those areas is conveyed to and treated at the Council's Blue Lake Wastewater Treatment Plant in Shakopee. The Township is provided wastewater conveyance service through interceptor's 7508, 9204, and 7020 (Crown College). The Plan states that there were 212 sewered households and 116 sewered employers in 2010, and projects that the Town will have 70 sewered households and 60 sewered employees by 2030. The Township will eventually be totally annexed into the cities of Chaska, Victoria, and Waconia. The Metropolitan Disposal System has adequate capacity to serve the Township's wastewater needs as identified in the Plan.

The Plan defines the Township's goals, policies, and strategies for preventing and reducing excessive I/I in both the local municipal (town) and private property sanitary sewer systems. The Township's I/I reduction strategies include system rehabilitation and repair of the sanitary sewer system and its appurtenances that are susceptible to I/I. It also periodically inspects for sump pump connections. In those areas that are served through a grey water system (201 System) the septic tank is inspected for I/I susceptibility. The Town has a public education program regarding I/I aimed at private property owners that supports the elimination of illegal connections to the sanitary sewer system.

The Plan describes the requirements and standards for minimizing I/I and references Town Ordinance (No. 97-01) that prohibits discharges of water from any roof, surface ground, sump pump, footing tile, swimming pool or other natural precipitation into the sewer system. The Township also requires the disconnection of such discharges when identified.

The Plan describes the sources, extent, and significance of existing I/I within the entire wastewater collection system. The Township has estimated the amount of I/I in the collection system by reviewing wastewater flow data from the three areas within the Township served with regional wastewater service and comparing annual and peak month flows to average daily flow. This analysis suggests that wet weather I/I represents between 20% and 50% of average annual flow and that flow nearly doubles during peak month flow.

Sewer Element Comments

The Township is covered under three community designations of Diversified Rural, Agricultural, and Emerging Suburban Edge. That portion of the Town that is serviced through the MDS is identified in the Emerging Suburban Edge area and therefore the Sewer Element of the Plan has been reviewed against the requirements for Comprehensive Sewer Plans for Emerging Suburban Edge communities. It was found to be complete and consistent with Council policies. Upon adoption of the Plan by the County, the action of the Council to approve the Sewer Plan becomes effective. At that time, the Town may implement its Plan to alter, expand, or improve its sewage disposal system consistent with the approved Sewer Plan. A copy of the County Resolution adopting its Plan needs to be submitted to the Council for its records.

Surface Water Management

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

Carver County maintains planning and zoning authority in the 10 Townships in their jurisdiction. All the Townships also lie within the oversight boundaries of the Carver County Watershed Management Organization (CCWMO). The County is the WMO for that area in Carver County. The WMO plan is intended to fulfill the local surface water management planning requirements for those ten Townships. Township Policy pages in the Plan indicate the Townships have adopted the current CCWMO Watershed Management Plan by reference to serve as their Local Water Management Plan (LWMP). The Carver County WMO submitted a draft WMO plan update for review on April 19, 2019. Council Water Resources staff reviewed and commented on the draft plan to the WMO in a letter dated May 31, 2019. The County’s 2040 Plan incorporates the September 2019 draft WMO plan update in Appendix H. The final WMO plan will be adopted as each Township’s LWMP update when they formally adopt their respective 2040 County Comprehensive Plan Chapter.

Consistency with Council Policies

The Council reviews plans to evaluate their apparent consistency with the adopted plans of the Council. Council staff have reviewed the County’s Plan and find that it is consistent with the Council’s policies, as detailed below.

Forecasts

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

The Plan includes community total and county total forecasts in table 2.4 of the Plan. The County total forecast is shown in Table 1 below.

Table 1. Carver County Forecasts

	Census	Estimated	Council Forecasts		
	2010	2018	2020	2030	2040
Population	91,042	105,970	108,520	135,960	161,440
Households	32,891	37,792	40,940	52,180	62,650
Employment	31,836	40,634	41,910	48,330	54,800

Forecasts for communities also appear in chapters concerning Townships of Benton, Camden, Dahlgren, Hancock, Hollywood, Laketown, San Francisco, Waconia, Watertown, and Young America.

Council staff and the County expect Laketown Township to continue as a jurisdiction beyond 2040 despite long-standing orderly annexation agreements. In July 2019, Council staff and the County agreed to revise the 2040 forecast for Laketown Township to 200 population, 60 households, and 60 jobs. Revisions are shown in bold Table 2 below.

Table 2. Laketown Township Forecasts

	Census	Estimated	Council Forecasts		
	2010	2018	2020	2030	2040
Population	2,243	2,154	1,430	640	200
Households	660	641	530	260	60
Employment	116	412	170	80	60

Council will approve this forecast revision simultaneous with Council action on the County’s Plan. Community totals for 2020 and 2030 are unchanged.

The sewer-serviced employment forecast (serviced by MCES) is also revised, per the Laketown Township Chapter, page 13, as shown in bold in Table 3 below. All sewer-serviced households and population are annexed and absorbed into neighboring municipalities prior to 2040. The Council will approve this forecast revision simultaneous with Council action on the County’s Plan.

Table 3. Laketown Township Sewer-Serviced Forecasts (served by Blue Lake WWTP)

	Census	Council Forecasts		
	2010	2020	2030	2040
Population	987	651	326	0
Households	212	140	70	0
Employment	116	130	60	45

Other townships in Carver County do not have wastewater service and no other changes are proposed.

Thrive MSP 2040 and Land Use

Reviewer: Raya Esmaeili, CD – Local Planning Assistance (651-602-1616)

The Plan is consistent with *Thrive MSP 2040* and its land use policies. *Thrive* designates communities within the County with five different community designations including: Suburban Edge, Emerging Suburban Edge, Rural Center, Diversified Rural, and Agricultural (Figure 2). *Thrive* directs communities to accommodate forecasted growth at varying levels of overall residential densities for development and redevelopment. The County has land use planning authority over all the 10 townships in the County including the Townships of Benton, Camden, Dahlgren, Hancock, Laketown, Hollywood, San Francisco, Waconia, Watertown, and Young America. The County developed the land use plans for these communities in partnership with Township representatives, coordination with all the Cities, and with engagement initiatives across the County.

The existing land uses in Carver County are predominately agricultural (53.7%), with over 18% of the County representing the cities within its boundaries. There are also over 3% of land designated as single family or farmstead, and 16.8% as wetlands/undeveloped (Figure 3).

Planned Land Use

The Plan incorporates policies and planning for all the Townships as general land use and growth policies. It also includes individual chapters for each Township, describing the demographic characteristics, as well as more detailed policies pertaining to the specific Township.

The future land uses are identified as 2040 city growth area, agricultural, open water, and park (Figure 4). The 2040 City Growth Area category shows areas that are identified for annexation to the respective Cities and future development. These areas are expected to receive wastewater service upon annexation to the cities. These areas are consistent with the orderly annexation boundaries also shown in the respective Cities’ Plans, including the Cities of Carver, Chaska, Mayer, Norwood Young America, Victoria, Waconia, and Watertown. The agricultural area land use category identifies the residential

density in this area as one unit per 40 acres, which is consistent with the overall density expectations in Thrive for agricultural areas.

The Plan further identifies areas receiving sewer service by 2040 as transition areas and specifies management policies to accommodate future urbanization of these areas. These policies include maintaining these areas in agricultural use with the same level of service until annexation, ensuring consistency with the Cities' Plans for conditional use permits, and prohibiting large feedlots.

Agricultural Preserves

Much of the agricultural areas within Carver County are enrolled in the Agricultural Preserves Program, which enabled by Minn. Stat. Chapter 473H. Parcels enrolled in this Program must reflect a land use designation with a maximum density of one unit per 40 acres. As mentioned above, the agricultural areas land use category is consistent with the agricultural preserves development policy.

Orderly Annexation

Areas shown as 2040 City Growth Area in Figure 4 of this Report represent areas with Orderly Annexation Agreements (OAAs) between a township and a city. These areas are consistent with what the cities' Plans show. The Plan contains specific land use policies to support annexation, including consistency with city and township plans, timely urbanization, availability of municipal services at time of development, and planning for stormwater runoff and natural resources protection.

Housing

Reviewer: Tara Beard, CD – Housing (651-602-1051)

The County has a wide variety of communities with a wide variety of housing needs. As a more recently developing county, much of the housing stock is newer and less affordable than other parts of the region. As of 2016, the County had 37,834 housing units; and while 51% of those were affordable to households earning 80% of the Area Median Income (AMI) or less (which is \$68,000 for a family of four), less than 5% of existing housing units were affordable to residents earning 30% AMI or less (which is \$27,100 for a family of four).

The Plan notes that as the population continues to grow, housing needs are changing and that there is demand for both affordable workforce housing and diverse types of housing. Though Carver County's share of the region's need for affordable housing in the 2021-2030 decade is 3,775 units, these units are entirely allocated within the eleven communities expecting sewer-serviced growth: Cities of Carver, Chanhassen, Chaska, Cologne, Hamburg, Mayer, New Germany, Norwood Young America, Victoria, Waconia, and Watertown. Carver County does not have land use authority for these communities and therefore does not have requirements to plan for accommodating those units. However, the Plan does address the housing needs of the 10 Townships for which the County has authority related to housing, including rehabilitation, historic preservation, and on-site sewer system upgrades.

The Plan further acknowledges Carver County Community Development Agency (CDA) as a significant resource to support local housing needs, both in the Cities and Townships.

Water Supply

Reviewer: Lanya Ross, ES – Water Supply Planning (651-602-1803)

The Plan is consistent with WRPP policies related to water supply, including the policy on sustainable water supplies, the policy on assessing and protecting regional water resources, and the policy on water conservation and reuse. Because Carver County is not a municipal water supplier, no local water supply plan is required.

In a letter to the County dated June 20, 2019, Council staff asked the County to include a map of wellhead protection areas to strengthen the Plan. This map may help clarify areas where Carver

County Policy LU-21A applies, for example. A map of wellhead protection areas was added as Figure 5.8 on page 5.19 of the final Plan submitted on October 11, 2019.

Community and Subsurface Sewage Treatment Systems (SSTS)

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

Carver County is responsible for oversight of all operating SSTS within the County, except for those systems located in Chanhassen, who has chosen to adopt and implement its own management program. Approximately 212 households in the County were being served by Community Wastewater Treatment Systems. Additionally, there are currently three cluster treatment systems which share drainfields serving 53 households. Approximately 5,624 individual SSTS are in operation serving households and businesses in the County. County Ordinance Chapter 52 (accessible on the County's website) found in the Carver County Title V: Environmental Services Code of Ordinances, regulates all aspects of SSTS design, construction, operation, maintenance, and enforcement in the County. The County's program is consistent with Minnesota Pollution Control Agency Chapter 7080-7083 Rules and Council's 2040 WRPP requirements.

Special Resource Protection

Solar Access Protection

Reviewer: Cameran Bailey, CD – Local Planning Assistance (651-602-1212)

The Plan is consistent with statutory requirements (Minn. Stat. § 473.859) and Council policy regarding planning for the protection and development of access to direct sunlight for solar energy systems as required by the Metropolitan Land Planning Act (MLPA). The Plan includes the required solar planning elements.

Aggregate Resource Protection

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

The Plan indicates, consistent with the Council's aggregate resources inventory information contained in *Minnesota Geological Survey Information Circular 46*, the presence of viable aggregate resource deposits in the County. Most of the remaining higher quality resources are in the Minnesota River Valley outwash areas within San Francisco and Dahlgren Townships. The resources in San Francisco Township are primarily characterized by surficial woods, wetlands, and bluffs where surficial natural resources would be negatively affected by aggregate extraction. San Francisco Township has adopted an ordinance regulating aggregate extraction that is more extensive and restrictive than the County's to address protection issues specific to the Township. Eastern Dahlgren Township, where mining has recently taken place, is under an orderly annexation agreement with the City of Carver. Adequate policies are in place in the Plan to maintain the ability to access some aggregate resources in the future, while meeting other land use and natural resource preservation goals.

Historic Preservation

Reviewer: Raya Esmaeili, CD – Local Planning Assistance (651-602-1616)

The Plan establishes a vision for historic preservation of resources including historic buildings and structures, historic districts, archaeological sites, cultural landscapes, and places of cultural significance. The County has completed several historic resources surveys in the past few decades. The Plan acknowledges that most of the significant resources are concentrated in Cities of Carver and Chaska, and both Cities have historic management programs. Other than the two cities, other cities or townships do not have a concentration of resources that warrant an active program.

The Plan also incorporates historic preservation goals and policies to protect and preserve these resources. These goals include addressing integration of historic resources management with all planning processes, management of historic resources, public education, development of a strategic plan, and development of an inventory process.

Plan Implementation

Reviewer: Raya Esmaeili, CD – Local Planning Assistance (651-602-1616)

The Plan includes a description of and schedule for any necessary changes to the capital improvement program, the zoning code, the subdivision code, and the housing implementation program.

The Plan, with supplemental materials, describes the official controls and fiscal devices that the County will employ to implement the Plan. Specific implementation strategies are contained in individual chapters of the Plan, with capital improvements planning detailed in the Implementation chapter.

Compatibility with Plans of Adjacent Governmental Units and Plans of Affected Special Districts and School Districts

The proposed Plan is compatible with the plans of adjacent jurisdictions. No compatibility issues with plans of adjacent governmental units and plans of affected special districts and school districts were identified.

Documents Submitted for Review

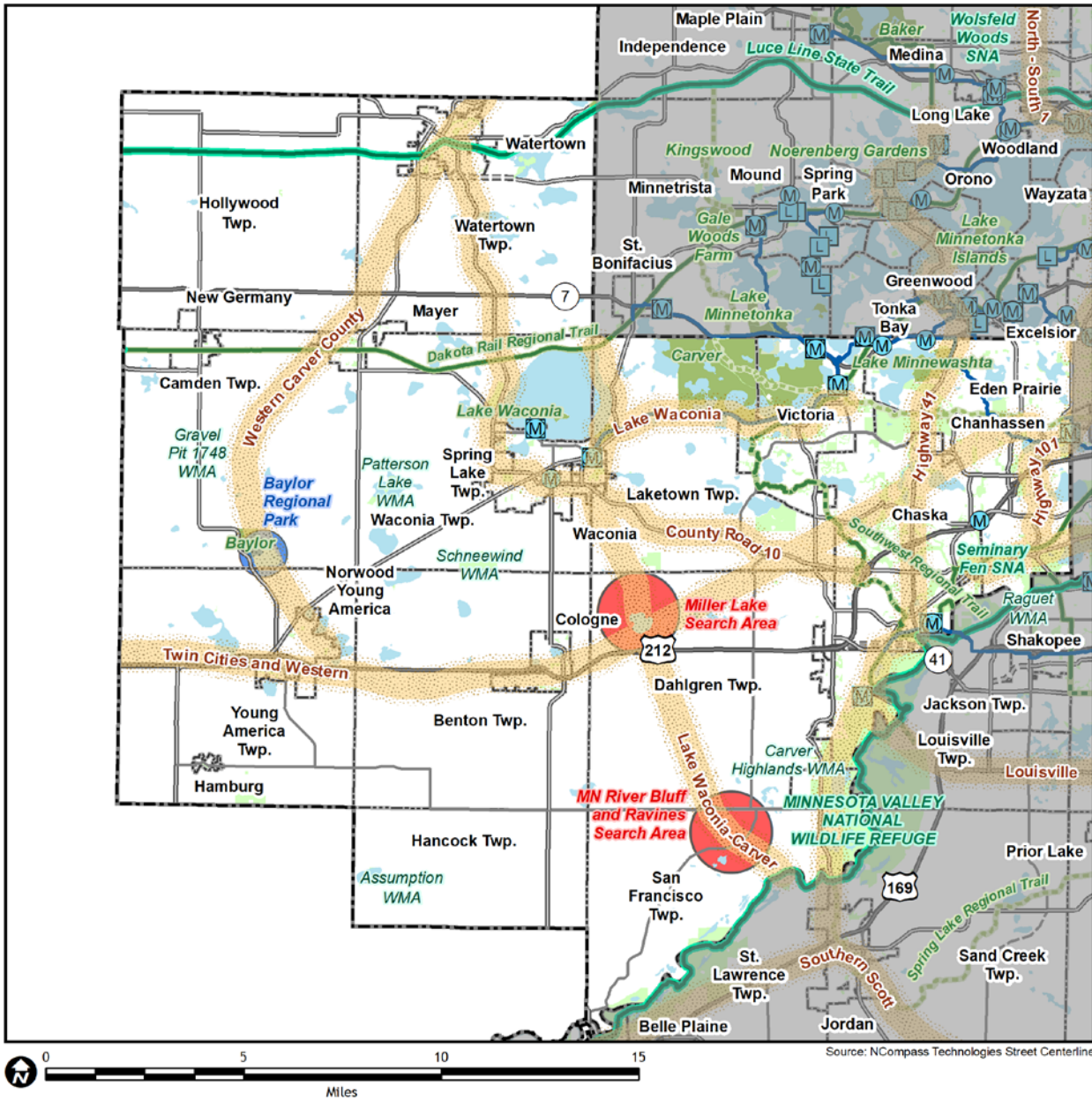
In response to the 2015 System Statement, the County submitted the following documents for review:

- May 2, 2018: Carver County 2040 Preliminary Plan
- May 30, 2019: Carver County 2040 Comprehensive Plan
- May 30, 2019: Revisions to Transportation Plan
- June 18, 2019: County Board Signed Resolution
- October 8, 2019: 2020-2029 Watershed Management Plan
- October 11, 2019: Revisions to wastewater, forecasts, land use, surface water management, water supply, mapping, implementation, and regional parks and trails sections
- October 30, 2019: Deadline Extension

Attachments

- Figure 1: Location Map with Regional Systems
Figure 2: *Thrive MSP 2040* Community Designations
Figure 3: Existing Land Use
Figure 4: 2040 Planned Land Use

Figure 1. Location Map with Regional Systems



Regional Systems

Transportation

- Transitways**
2040 Transportation System Policy - adopted January 2015
- Existing
 - - - - Planned Current Revenue Scenario
 - - - - Planned Current Revenue Scenario - CTIB* Phase 1 Projects
 - Potential Increased Revenue Scenario
- Regional Highway System**
- Existing Principal Arterials
 - Planned Principal Arterials
 - Existing Minor Arterials
 - Planned Minor Arterials
 - Existing Other Arterials
 - Planned Other Arterials

Recreation Open Space

- Regional Parks**
- Existing (Open to Public)
 - In Master Plan (Not Open to Public)
 - Planned Units
- Regional Trails**
- Existing (Open to Public)
 - - - - Existing (Not Open to Public)
 - - - - Planned

Wastewater

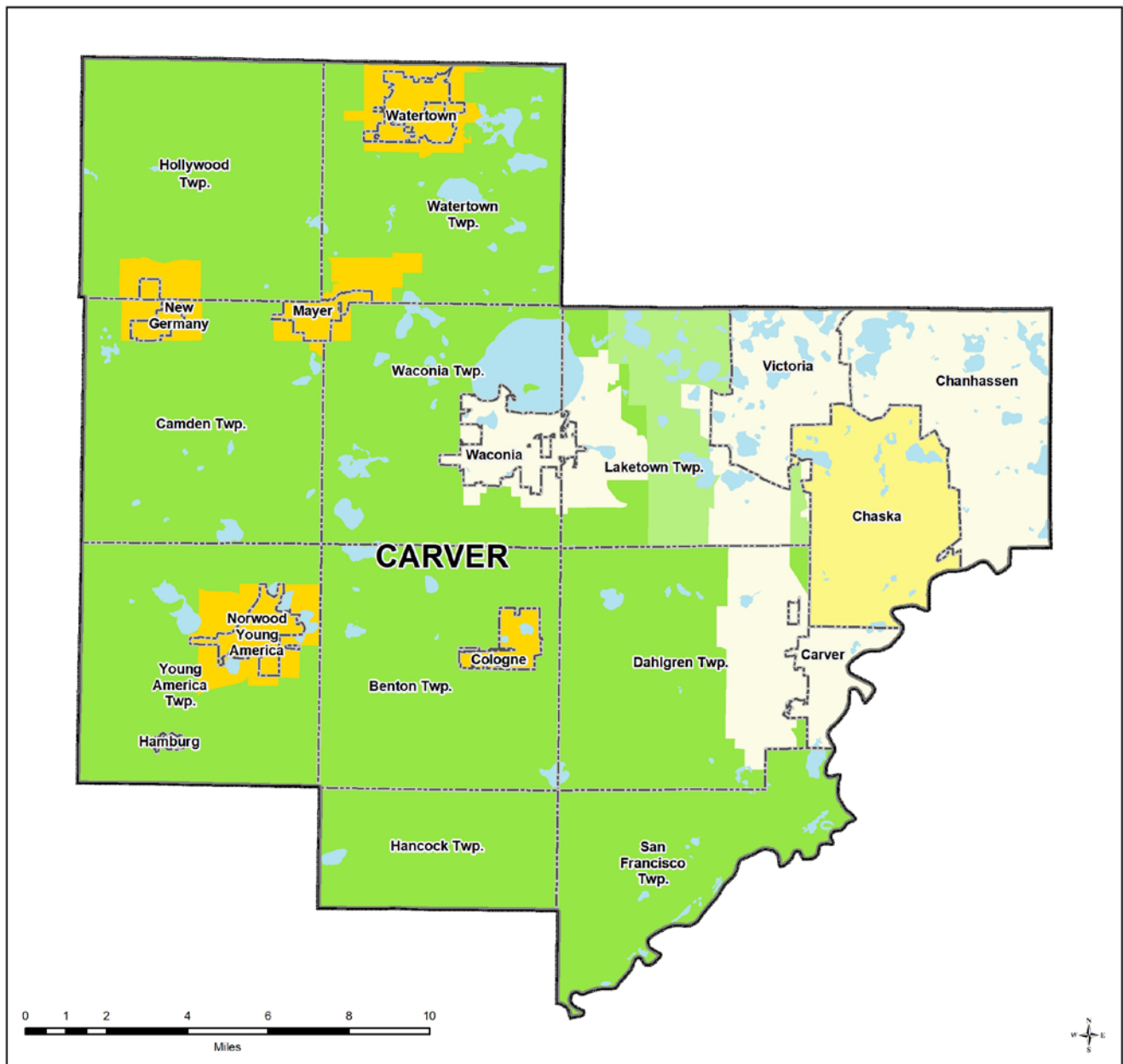
- M Meters
- L Lift Stations
- MCES Interceptors
- WTP MCES Treatment Plants

Regional Park Search Areas and Regional Trail Search Corridors











- Boundary Adjustment
- Search Area
- Regional Trail Search Corridors
- Existing State Trails
- Other Parks, Preserves, Refuges and Natural Areas

* Counties Transit Improvement Board (CTIB)

Figure 2. Thrive MSP 2040 Community Designations



Community Designations

- | | |
|--|--|
|  Outside Council planning authority |  Emerging Suburban Edge |
|  Agricultural |  Suburban Edge |
|  Rural Residential |  Suburban |
|  Diversified Rural |  Urban |
|  Rural Center |  Urban Center |




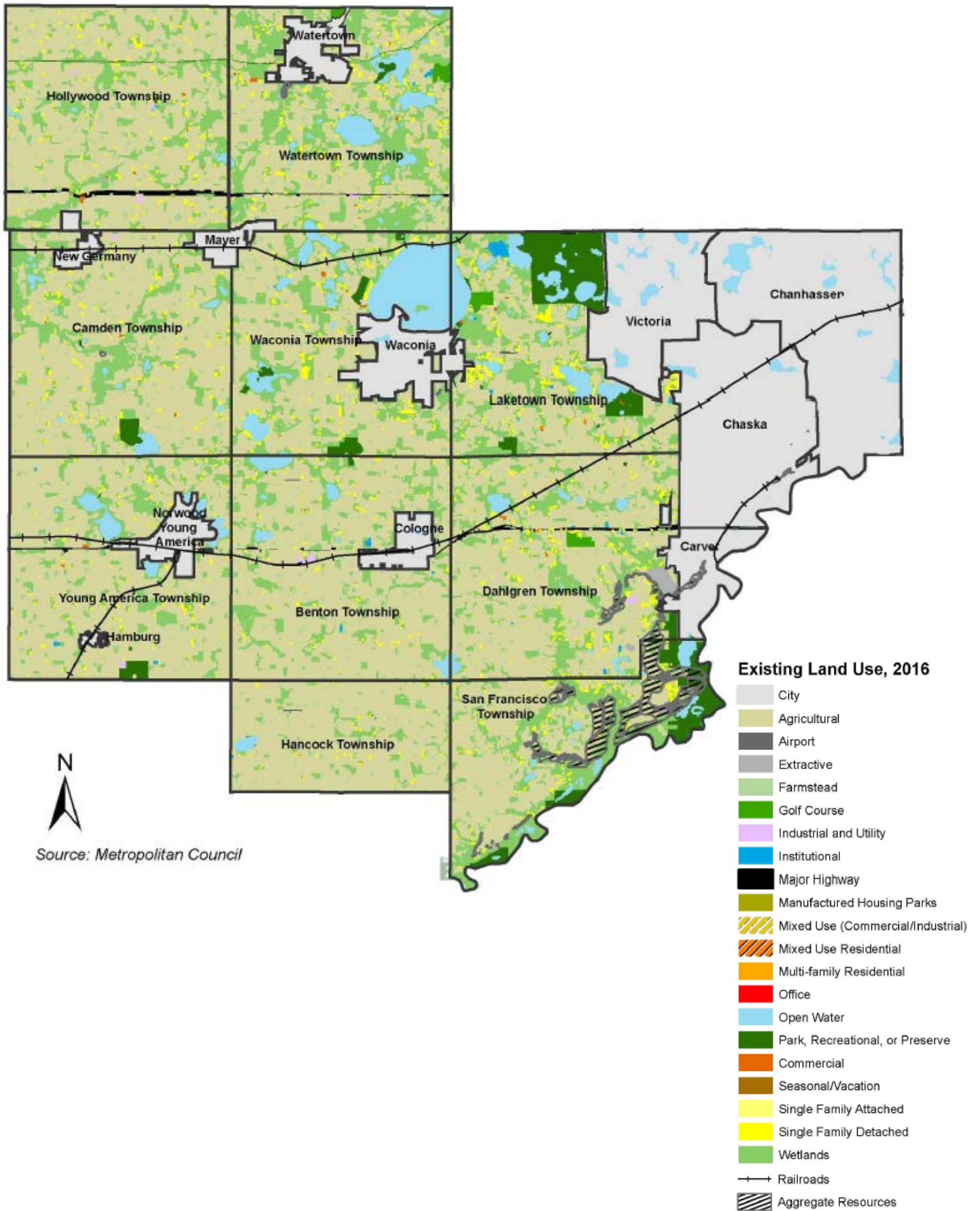
-  County Boundaries
-  City and Township Boundaries
-  Lakes and Major Rivers

Figure 3. Existing Land Use



Source: Metropolitan Council

Figure 4. 2040 Planned Land Use

