

2030 Capital Improvements Schedule for Facility Needs

The following section addresses facility needs to 2030 for Transportation, Parks and Recreation, Solid Waste, Potable Water, Sanitary Sewer, Storm Water, and Public Schools.

Lake County is located within the LSMPO boundary. The LSMPO ensures that highways and roads, public transit, pedestrian, bicycle, and other transportation facilities are coordinated and planned with consistency. Lake County adopted the Lake County 2025 Long Range Transportation Plan (LRTP) on December 14, 2005; this plan contains an extensive analysis of roadway, bicycle, and pedestrian transportation issues, as well as land use and other factors that determine existing and future needs. Additional data was assembled by LSMPO to bridge the gap between the 2025 Long Range Transportation Plan and the 2030 Planning Horizon date.

Parks and Recreation Facility needs are based on the population of unincorporated Lake County. The projected population for unincorporated Lake County is shown to decrease with a total projected population of 79,906 in 2030, which would require 320 acres of park land to meet the adopted level of service.

The Solid Waste Department collects an average of 300,000 cubic yards of waste annually, for a total projected 6 million cubic yards of waste by 2030. The completed build out of the Central Phase III Landfill will eventually provide Lake County with a total of 11,500,000 cubic yards of waste disposal capacity.

The Level of Service standard for potable water supplies in unincorporated areas is 100 gallons per capita per day, or the Equivalent Residential Unit (ERU) for non-residential development. If connection is required to a municipal or private utility, and the development is within the Utility Service Area of the utility, the higher level of service as adopted by that utility shall be required.

The Level of Service standard for central sanitary sewer systems shall be designed and constructed to provide a minimum average daily flow of 100 gallons per capita per day, or the Equivalent Residential Unit (ERU) for non-residential development. If connection is required to a municipal or private utility, and the development is within the Utility Service Area of the utility, the higher level of service as adopted by that utility shall be required.

Lake County does not provide a central stormwater system for the unincorporated area; the stormwater and drainage needs are based on construction of roads and storm events. Stormwater and drainage needs are completed as needed on a project by project basis.

Lake County School Facility needs are based on Core Dining Capacity; the projected enrollment and facility needs through 2029 were completed by the Lake County School Board, that information is located in the Data, Inventory and Analysis for Public Schools.

Table CAP 12 – Projected 2030 Facility Needs

PLAN ELEMENT	FACILITY TYPE	SERVICE AREA	NEEDED BY 2030 TO MEET LEVEL OF SERVICE (LOS)	PLANNED FACILITIES TO MEET 2030 LOS	FUNDING SOURCE
Transportation	County Arterial & Collector Roads 2-lane, 4-lane, 6-lane	Varies by Character: Rural, Urban, Mixed Use, Commercial & Residential Neighborhoods	This data is available in the LSMPO 2025 Long Range Transportation Plan and the Transportation Data, Inventory and Analysis which projects needs from 2025 to 2030.	Data available in the LSMPO 2025 Long Range Transportation Plan and the Transportation Data, Inventory and Analysis which projects needs from 2025 to 2030.	Transportation Impact Fees and Proportional Fair-Share Funds
	State Roads	County-wide	This data is available in the LSMPO 2025 Long Range Transportation Plan and the Transportation Data, Inventory and Analysis which projects needs from 2025 to 2030.	Data available in the LSMPO 2025 Long Range Transportation Plan and the Transportation Data, Inventory and Analysis which projects needs from 2025 to 2030.	Transportation Impact Fees and Proportional Fair-Share Funds
Parks & Recreation	Parks	County-wide	Based on the projected populations (pp) and the LOS for Parks & Recreation (4 acres per 1,000 Residents) 2015 pp 139,120 = 557 acres of park land needed 2020 pp 126,042 = 504 acres of park land needed 2025 pp 110,386 = 442 acres of park land needed 2030 pp 79,906 = 320 acres of park land needed	The County currently has about 368 acres of developed active and passive parks and about 558 acres of undeveloped parks (this acreage does not include federal or state parks located within Lake County).	Current facilities exceed the projected need for 2030.
Solid Waste	County Landfill	County-wide	Average of waste collected per day= 822 cy Average of waste collected per year = 300,000 cy 2010-2030 projected waste collection = 6 million cy cy = cubic yards	The Lake County Landfill (at total build-out) has a total remaining capacity of 11.5 million cy, which exceeds the projected need for 2030.	Lake County Solid Waste Services Tax
Potable Water	NA	NA	The Level of Service standard for potable water supplies in unincorporated areas is 100 gallons per capita per day, or the Equivalent Residential Unit (ERU) for non-residential development. If connection is required to a municipal or private utility, and the development is within the Utility Service Area of the utility, the higher level of service as adopted by that utility shall be required.	The Level of Service standard for potable water supplies in unincorporated areas is 100 gallons per capita per day, or the Equivalent Residential Unit (ERU) for non-residential development. If connection is required to a municipal or private utility, and the development is within the Utility Service Area of the utility, the higher level of service as adopted by that utility shall be required.	NA

PLAN ELEMENT	FACILITY TYPE	SERVICE AREA	NEEDED BY 2030 TO MEET LEVEL OF SERVICE (LOS)	PLANNED FACILITIES TO MEET 2030 LOS	FUNDING SOURCE
Sanitary Sewer	NA	NA	The Level of Service standard for central sanitary sewer systems shall be designed and constructed to provide a minimum average daily flow of 100 gallons per capita per day, or the Equivalent Residential Unit (ERU) for non-residential development. If connection is required to a municipal or private utility, and the development is within the Utility Service Area of the utility, the higher level of service as adopted by that utility shall be required.	The Level of Service standard for central sanitary sewer systems shall be designed and constructed to provide a minimum average daily flow of 100 gallons per capita per day, or the Equivalent Residential Unit (ERU) for non-residential development. If connection is required to a municipal or private utility, and the development is within the Utility Service Area of the utility, the higher level of service as adopted by that utility shall be required.	NA
Stormwater	Drainage	County-wide	Lake County does not provide a central stormwater system; the stormwater need is based on road development and storm events, which varies. Stormwater and drainage facilities are provided on a project by project basis.	Lake County does not provide a central stormwater system; the stormwater need is based on road development and storm events, which varies. Stormwater and drainage facilities are provided on a project by project basis.	Roads = Transportation Impact Fees and Gas Tax Water Quality Issues = Lake County Municipal Service Taxing Unit (MSTU)
Public Schools	School	Concurrency Service Area	The Level of Service is Based on Core Dining Capacity. The projected enrollment and capacity through 2029 is shown in Tables 6-3 and 6-4 of the Public Schools Facilities Data, Inventory and Analysis.	The data to support the 2030 projected need for schools is located in the Public Schools Data, Inventory and Analysis in Chapter 6 of the Lake County Schools Five-Year Facilities Master Plan.	School Impact Fees