



Orange County Parks Growth Analysis

August 2019 - DRAFT

Orange County,
Florida

PROJECT PROFILE

Orange County Parks Growth Analysis

Client: Orange County Parks and Recreation
(performed as a subconsultant)

Location: Orange County, FL

Service Areas: Green Infrastructure & Sustainability

Services Provided: Site Visioning
GIS Spatial Analysis
Service Inventory

Project Activities

Orange County, Florida commissioned a parks growth analysis report to determine current and future park service needs through the year 2040. This parks growth analysis will serve as a guide for the expenditure of parks and recreation impact fees designated for future park land acquisition. As part of the project, Drummond Carpenter conducted an inventory and mapping of existing municipal park locations, park types, and park service areas. A survey of environmentally sensitive lands, such as designated wetlands and conservation areas, was performed to ensure that these environmentally sensitive areas were not included in the analysis of potential future park land. As part of the impact fee requirements, park land must maintain an adequate level-of-service (LOS) with regards to future population growth. To identify areas of significant population growth, preexisting estimates of population growth for Orange County traffic analysis zones were utilized. The existing park service areas, environmentally sensitive lands, and estimates of future population growth were integrated via GIS to identify county areas that may be deficient in park access and suitable for future park land acquisition. Drummond Carpenter performed the spatial analysis, assigned priority levels to each deficient area, and developed multiple strategic pathways by which the county could fulfill future service level obligations to these deficient areas. The varying acquisition strategies provides the county with guided flexibility in planning the number, size, and type of parks to develop within Orange County over the next two decades.

Outcomes

The final outcome was the Orange County Parks Growth Analysis Report that described existing park service and future park service needs within the community. The report provides recommendations for priority park land acquisition so that equitable park service is maintained as the county experiences future population growth. The Orange County Parks Growth Analysis has been advanced through the reporting and will be presented to the Orange County Parks and Recreation Board of Directors for final consideration and adoption.