

Parks Asset Management Initiatives

Continued Development of Asset Register and GIS Data

- The asset register is a list of all Parks assets, including facilities, infrastructure and natural assets. The refinement of the asset register involves updating the information on the condition, age, maintenance requirements and expected useful life of each asset. This information is essential for effective asset management, including maintenance, renewal and replacement planning.
- The Urban Forestry team is working with the City's IT Department to expand tree asset information for use in the corporate SAP Enterprise Asset Management (EAM) system. The types of information associated with trees in the Parks GIS system have been updated to provide additional detail in anticipation of use in EAM and field work. Further study will be completed on relevant valuation methods to add this asset to the Parks Asset Management Plan.
- Parks Departments' asset management resource in collaboration with the Facilities Management Department have refined and updated the types of information associated with the City's 197 play structures to better define play structure assets in our GIS system and aid in identification and prioritization for maintenance, enhancement and replacement. These new data sets are being used in the 2023 play structure asset condition rating activities and will aid both departments in managing these significant assets.

Condition Rating & Assessment Activities

- **Turf Condition Assessment Pilot**
 - Turf condition assessment is an evaluation of the quality and health of the turf in parks and green spaces. This assessment includes measuring the grass height, density, color, weed coverage and soil conditions. It is essential to identify areas of the park system that require enhanced maintenance or improvement and to prioritize maintenance activities.
- **Ball and Sports Field Assessment Pilot 2023**
 - Work begins in the 2023 season to formalize asset condition rating of ball diamonds and sports fields. Information gathered on these highly used assets will allow Parks to plan and prioritize maintenance and rejuvenation efforts where most needed.
- **Play Structure Condition Assessment**
 - Play structure condition assessment is an evaluation of the safety and condition of play structure equipment. This assessment includes identifying any hazards or defects in the equipment and ensuring it meets safety standards. It is critical to ensure play structures are safe for children to use and to prioritize maintenance or replacement activities. The assessments also identify the level of accessibility of play structures.

Implementation of SAP Enterprise Asset Management

Parks performed a pilot of Time Confirmations in EAM during its Winter Works program in 2022. Time Confirmations are the time spent performing activities and will provide insight to the amount of resource effort required to provide prescribed service levels, such as mowing, waste and litter, snow clearing, and other park maintenance. Time Confirmations will also be used to code work that is charged to specific projects or service contracts to perform required accounting charges more efficiently.

Furthermore, data collected through Time Confirmations will be utilized to highlight maintenance costs and identify assets that require a higher level of maintenance potentially due to their poor condition, high volume of usage, and frequent repairs. Leveraging insights from EAM will enable data-driven decisions regarding asset management strategies. The system will make it easier to identify trends, patterns, or anomalies in resource utilization and maintenance costs. Parks can allocate additional resources or plan preventive maintenance measures appropriate to community need. This proactive approach helps minimize unexpected asset deterioration, reduce repair costs, and extend the lifespan of park assets, including green assets.

In 2023, Parks is implementing Time Confirmations in EAM across all business programs during its regular operating season. Refinement of the data collection processes, activities tracked, and charge-out rates will be an ongoing operational activity.