

The objectives of the project were to complete an audit of specific assets in established city parks and provide estimated costs for upgrading park components to current development standards. The objectives of the project were to complete an audit of specific assets in established city parks and provide estimated costs for upgrading park components to current development standards.

Component operations of the project:

- Design and development of an evaluation program to document the condition of parks components
- Preparation of a GIS based form for data collection on PDAs using criteria based on the evaluation program.
- Collection of data using handheld PDA units with GPS capability.
- Conversion of collected data from the GIS program to Access database format, and compilation of collected data with city parks inventory databases into categories for analysis.
- Export of compiled data to an Excel spreadsheet, programming of query spreadsheets and generation of various reports which detailed required upgrades and costs.
- Report on general condition of the trees, shrubs, naturalized areas and open space, with recommendations for future maintenance and design guidelines.



Field Data was collected from 156 City Parks

Turf Condition

Pathways

Natural Areas

Shrub Bed Condition

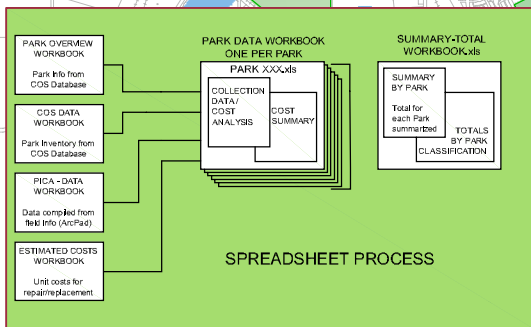
Field Data included over 20,000 Data Points with detailed information collected for each point

Bollards

Sports Field Condition

Tree Condition

Flower Beds



Field Data was combined with existing City data to generate reports