

SERVICE PROFILE

Pavement Management

Pavement reconstruction may be one of the largest capital expenses a facility may incur. Spalding DeDecker Associates, Inc. (SDA) offers a diverse range of Pavement Management services and provides the necessary tools, knowledge, and construction engineering experience required to implement a successful pavement management program. The benefit to Facility Managers – **saving time and money.**

Performing repairs at the critical point in a pavements life where effort produces maximum benefit for dollars spent. Accordingly, a key role of any pavement management program is to develop a short-term and long-term pavement budget strategically aimed at programming dollars between maintenance and capital projects.

Our Pavement Management Program consists of several phases:

- Identify & Determine Condition of Pavement Assets
- Develop Financial Plans
- Develop & Implement Action Plans
- Follow-Up On Implementation

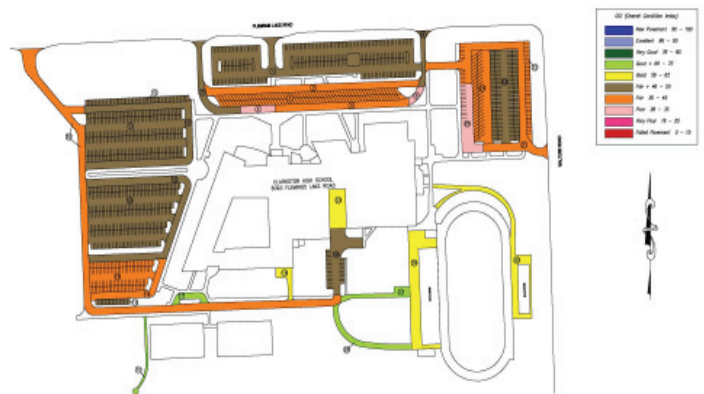
SDA successfully aids facility managers in the implementation of pavement management system goals, while achieving significant savings through the following methods:

Pavement Network Assessments

Assessments are used to determine the pavement conditions and relative areas in square footage or acreage to be included the pavement management program. Areas of pavement are delineated and assigned a condition rating. Standard condition ratings are utilized to predict deterioration and determine repair budgets. This information is then entered into a database. Data is collected and managed with computer programs such as Excel, Access, Micro PAVER, RoadSoft, or Cartegraph's Pavement VIEW.

Pavement Network Management

When the initial pavement assessment is complete, SDA will assist in managing the pavement network to meet the desired pavement system goals. SDA maintains the database by incorporating new construction and changes which impact pavement condition and/or use. To achieve the significant savings that pavement management systems offer, and to keep data relatively accurate, re-assessment should occur every three years.



Financial and Action Planning

These plans offer tremendous justification for budget appropriation requests. Most of our programs provide tools for analysis of work backlog, budget prediction, future repair scenarios, and reporting capability. SDA can predict future conditions and create spending plans for Preventative Maintenance and Capital improvement Plans.



Pavement Management

Internet-Based Reporting

Web-based reporting allows immediate access to data. SDA can provide its clients with secure website access for online viewing and downloading of data and reports. The website is a repository for all of the data in the program.

Engineering Document Preparation

SDA provides clients with construction plans, construction specifications, and cost opinions for the selected repairs. These documents serve as a baseline for bidding purposes, are a record of work proposed and work performed, and provide a means for monitoring the scope and budget of a project. Engineering plans also serve the purpose of reducing the occurrence of "Extra Services" by identifying many potential problems before construction commences.

Construction Contract Administration/ Site Management

SDA can provide relief for facility personnel by providing clients with assistance in construction bidding, contractor selection, and construction site management. We can pre-qualify bidders, write contract documents including the bid contract, give instructions to bidders, send invitations to qualified bidders, and arrange and conduct pre-bid meetings. We can provide a site manager to conduct your pre-construction meeting, coordinate the construction to minimize the impact on a facility, verify pay estimates, issue field orders, prepare daily construction progress reports, monitor scope and budget, and prepare Record Drawings or record construction documents.

