Lucity Pavement Analysis
Planning for Your Pavement’s Future

Agencies count on Lucity to bring clarity to complex tasks. With tighter budgets, data must be closely analyzed and applied. The forecasting tools in Lucity Pavement Analysis let you track condition ratings and develop budget scenarios to determine appropriate maintenance schedules.

Lucity Pavement Analysis, like the rest of the Streets & Traffic suite of software products, delivers integrated solutions that leverage your system data to analyze trends, prioritize projects and justify budgets. Forecasting and modeling tools provide the information necessary to strategically plan for the future, and accurately request maintenance and operations budget adjustments.

Lucity Pavement Analysis is a robust inventory and inspection program for roadway pavements, curbs, sidewalks and structures. Dynamic segmentation helps keep your segment data detailed and accurate, ensuring that the correct pavement type is assigned.

The Field Inspections module makes it easy for your crews to store pavement data, including surface types, number of lanes, patching estimates, cross slopes, sidewalk and curb types, driveway approaches and pavement distress information. It also calculates a custom Pavement Condition Indices (PCI) based on your agency’s definition of conditions for road evaluation.

While the data the Lucity system provides is useful on its own, its true value comes in forecasting budget and maintenance scenarios. Lucity Pavement Analysis helps your team determine the ideal maintenance plan, suggesting a budget to maintain your system at a certain level of service. It elevates the program from a simple database to a database with power.

The Maintenance Forecasting module provides numerous parameters you can define to generate an endless amount of predictive modeling options. Lucity’s flexible database architecture allows your data to interface with pavement management programs, fleet management and financial systems for full integration of maintenance information. Lucity Pavement Manager also connects easily with Lucity GIS to produce an intelligent graphical road map.