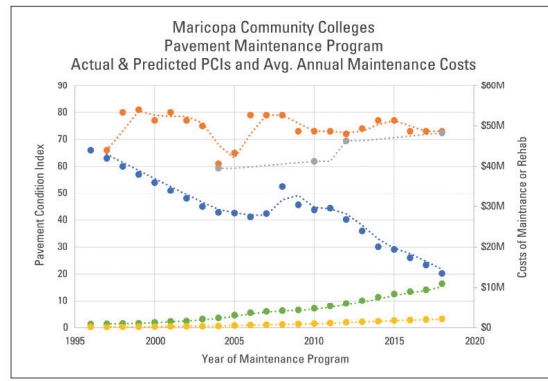


Google Satellite Imagery

Terracon Mosaic Imagery

Using automated data collection, our engineers can monitor severe pavement changes and better predict when failures will occur. You can then make real-time, cost-effective maintenance decisions and prioritize projects over time using Terracon's mosaic imagery that provides a more precise image of your pavement details.



**\$30M**  
CLIENT COST SAVINGS!



MARICOPA COMMUNITY COLLEGES | TEMPE, AZ  
Pavement Maintenance Program

# Pavement Technology Solutions

Managing your pavement assets is essential to detect hazards early and act quickly to verify end-user safety and minimize your liability. Terracon's innovative, cost-effective solutions help you extend the life of your pavement assets and optimize your budget.

We understand budgets are limited and pavement reconstruction isn't always an option. Terracon offers a range of services allowing us to create maintenance and rehabilitation choices to achieve your short- and long-term goals in a proactive, strategic, and timely way. The goal of our pavement services is to prevent unnecessary reactive expenditures due to an end-user incident, while maximizing your return on investment.

## Digital Data Collection and Artificial Intelligence (AI) Drives Safety and Efficiency

Terracon's pavement asset quantification and management technology provides automated distress detection and Pavement Condition Index (PCI) calculation through time-stamped mosaic imagery and AI learning. Cameras mounted on field vehicles capture georeferenced imagery to create a real-time pavement snapshot. Then, we use AI to identify distress type, severity, and extent, and calculate PCI without sending pavement experts to a site, saving you time and money.

This innovative approach enables us to safely and efficiently collect field imagery, generate mosaic models, calculate pavement conditions, and generate summary reports with maintenance and rehabilitation options and budget projections.

Using this information, you can develop a best-practice, data-driven pavement maintenance strategy to mitigate future risk and optimize your budgets.



Modern travel challenges and health and safety precautions have led us to grow and innovate our use of automated data collection methods. Terracon's automated process provides timely, accessible reporting through an interactive, GIS-based platform.

**Don't let pavement planning fall through the cracks - use Terracon technology**  
to reduce costs and increase performance of your pavement assets



Nationwide  
[Terracon.com](http://Terracon.com)

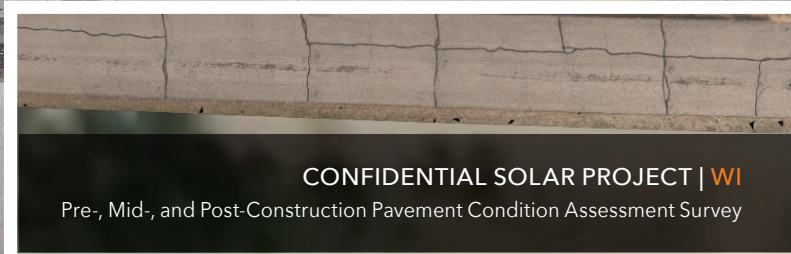
- Facilities
- Environmental
- Geotechnical
- Materials



ARBY'S PARKING LOT | MARSHALL, MN  
Pavement Condition Survey and Subsurface Exploration



RETAIL DISTRIBUTION CENTER | GROVE CITY, OH  
Pavement Condition Index Survey



CONFIDENTIAL SOLAR PROJECT | WI  
Pre-, Mid-, and Post-Construction Pavement Condition Assessment Survey

## Why Terracon?

**Resourceful.** We provide you a full range of pavement consulting services, as well as expert insight regarding project evaluation, budget, bid, construction management, and quality control.

**Responsive.** We can meet your needs no matter where the project is located and connect you with the most experienced pavement professionals nationwide.

**Reliable.** You are able to meet pavement design lifespan challenges earlier than ever before with Terracon's innovative technology.

*"Thank you and your team for assisting on the upfront design and during the construction-phase services. The alternative pavement section was key in eliminating potential dewatering and increased costs due to additional base and subgrade reworking."*

-LEO REPETTI, P.E., DEPUTY DIRECTOR  
MARTIN COUNTY UTILITIES, STUART, FL



## ENR Rankings 2022

- #1 Asbestos and Lead Abatement
- #12 Top 100 Pure Designers
- #21 Top 500 Design Firms
- #46 Top 150 Global Design Firms
- #61 Top 200 Environmental Firms
- #10 Top 20 General Building



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