

HEAVY-CIVIL CONSTRUCTION | CONNECTICUT

From guesswork to full visibility: how a heavy-civil contractor took control of its fleet

A Connecticut-based infrastructure contractor with 30+ years of experience used Pedigree Technologies to transform equipment tracking, maintenance, and driver safety — all in one platform.

30+

Years in heavy-civil construction

0

Unanswered support requests
from Pedigree

100%

Fleet visibility, every asset, every
day

THE CHALLENGE

Running a fleet on memory and phone calls

For a company whose projects span bridges, dams, utilities, and marine infrastructure, equipment is everything. But for years, knowing where that equipment was came down to one question: “Hey, have you seen the excavator?”

Foremen were fielding calls to track down machines across multiple active job sites. Maintenance was entirely reactive — operators flagged issues when they noticed them, meaning service intervals were inconsistently followed and problems occasionally slipped through. The company had outgrown a system that depended entirely on human memory and word of mouth.

“We had no way of knowing exactly where our equipment was. After losing track of a few machines and having to ask our foremen if they ‘had this machine’ or ‘where is the last spot you saw this,’ we decided it was time to start tracking them.”

— Operations, Heavy Highway Contractor, Avon, CT

The same problem extended to maintenance. With no automated tracking, the team relied on operators to self-report when service was due — not a reliable system for a fleet that runs hard across public infrastructure projects.

CHOOSING PEDIGREE TECHNOLOGIES

A partner that said yes

When the team evaluated solutions, they weren't just looking for software — they needed a vendor willing to adapt. In a specialized industry with unique workflows, off-the-shelf rarely fits perfectly. Pedigree Technologies stood out for exactly that reason.

"The reason Pedigree stood out was their willingness to tailor everything to exactly the way we wanted it — no matter how ridiculous the request was. The speedy help, easy installation, and fair pricing were also positives worth mentioning."

— Operations, Heavy Highway Contractor, Avon, CT

Pricing, flexibility, and installation speed made the decision straightforward. Ongoing account support — including a responsive, dedicated account manager — sealed it.

THE SOLUTION

A full-fleet platform, deployed across every asset

Today, the contractor runs a complete Pedigree Technologies deployment across its fleet, with multiple tracker types suited to different asset categories. Solar-powered trackers handle trailers. In-cab cameras with driver-facing views protect employees on the road. A live map view overlays asset locations with open maintenance jobs, giving the office and field a shared operating picture for the first time.

Solar trackers for trailers	In-cab cameras	Live maintenance map	Fuel analytics	Full fleet visibility
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The live map means every employee — from office staff to project managers — can see the location of every owned asset alongside any outstanding maintenance work, all in one view.

OUTCOMES

Efficiency, safety, and accountability — across every shift

Eliminated aimless driving Real-time equipment locations mean crews stop wasting time searching for machines and trailers across job sites.	Proactive maintenance Service intervals are tracked automatically. Historical logs surface recurring issues and flag warranty candidates before they become costly repairs.
Safer drivers	Fuel accountability ahead

Driver-facing in-cab cameras keep employees accountable and provide documentation when incidents arise — protecting both driver and company.

Fuel usage charts are already deployed — ready to identify excessive idling and high-mileage patterns as the team rolls out fuel tracking next.

“It is nothing short of amazing what Pedigree can do. No request we have sent in has been denied without an attempt at accomplishing it. Support is awesome — and our account manager is willing to work with us on any issues or questions.”

— Operations, Heavy Highway Contractor, Avon, CT

With fuel tracking next on the roadmap, the team is positioned to close the final gap — using Pedigree’s idling and mileage analytics to drive further cost savings and operational accountability across the fleet.



Fleet tracking & management solutions for the industries that build infrastructure