



Customer Success Story

The City of Atlanta, GA



5x+

Faster Than
Traditional
Methods



100%

City of Atlanta
Network
Coverage



28,000+

Ramps and
Obstructions
Identified

Atlanta is growing fast, and so are the expectations of its residents. City leaders needed clear, objective data to justify funding, prioritize repairs, and stay ahead of mounting infrastructure demands. Relying on 311 complaints or outdated spreadsheets wasn't enough to guide multimillion-dollar decisions.

Within 60 days, Cyvl and engineering partner HNTB delivered a complete, street-level inventory **across 1,420 road miles and nearly 100 miles of sidewalks**. The result? One centralized dashboard on Cyvl's platform with data that can drive every resurfacing, ADA-compliance, and safety investment positioning Atlanta to lead not just today, but through major events and long-term planning cycles.

The Cost of Status Quo

Traditional inspections were slow, inconsistent, and expensive, costing 5x per mile and taking 4–6 months to complete. That pace couldn't keep up with the city's infrastructure needs.

Without trusted condition data, the city risked:

- Missed federal funding deadlines
- Misallocated repairs and budget overruns

Cyvl + HNTB + City of Atlanta Blueprint

Atlanta needed more than maps and imagery, it needed a smarter way to manage infrastructure. Cyvl's vehicle-mounted laser scanners (LiDAR) captured a complete, street-level view of the entire right-of-way in just four weeks. Every asset was tied to a GPS location and visualized on one platform. **This approach gave the city the tools to:**

- **Target the right streets** and sidewalks for repair
- **Back funding requests** with clear, standardized data
- **Unify departments** around a shared source of truth
- **Identify safety and accessibility gaps** citywide
- **Build a long-term plan**, not just fix short-term problems

From Contract to Citywide Results in 60 Days

Cyvl deployed four mobile LiDAR sensors and collected over 1.7 million data points in just four weeks. Everything was processed, scored, and delivered to the city within two weeks, fully aligned with ADA, MUTCD, and FHWA standards.

Cyvl captured a full digital inventory of Atlanta's right-of-way, including **1,400+ miles of roads**, nearly **100 miles of sidewalks**, **20,000+ ADA ramps**, **18,000+ pavement markings**, and **8,800+ sidewalk obstructions**, all mapped, scored, and ready to support smarter planning.

City staff can now view, filter, and prioritize assets directly from a centralized dashboard compatible with their asset management workflows.

Tangible Wins in Year 1



Improved Visibility into Urgent Needs

Cyvl's platform highlights complaint-heavy and deteriorating corridors, giving staff a clear picture of where to focus repairs first.



Smarter Capital Planning

Cyvl's condition data enables Atlanta to reprioritize resurfacing and ADA projects—directing funds toward streets and sidewalks with the most urgent needs.



Speed Up Grant Readiness

With ROW assets and pavement conditions fully mapped, the city prepares stronger, faster grant applications for programs like SS4A and Vision Zero.



Interdepartmental Coordination

With ramps, striping, and obstructions all mapped, mobility, planning, and public works teams work from one shared system—improving coordination and delivery.

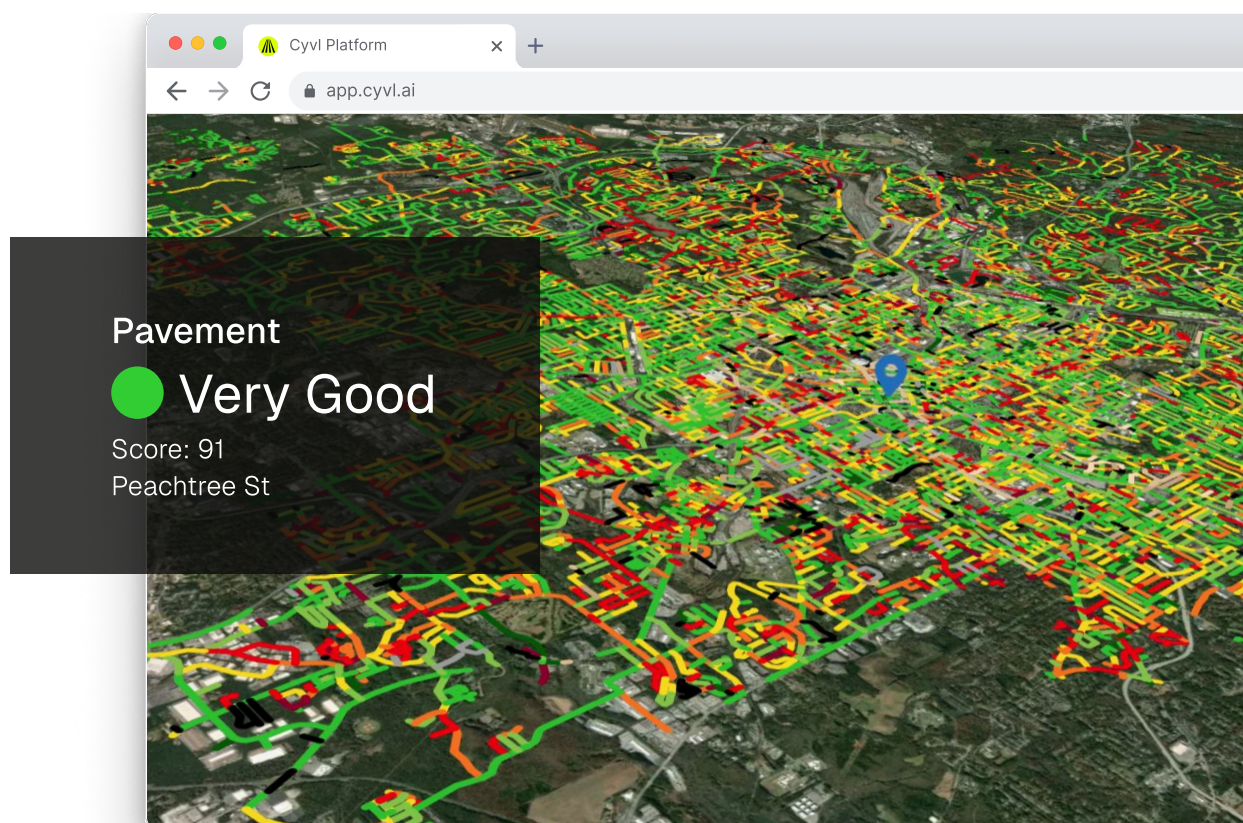
Scaling the Model Across All Districts

This project gave Atlanta something most cities are still chasing: total visibility and control over their right-of-way. Instead of reacting to complaints or navigating siloed spreadsheets, leaders now have a digital, street-level source of truth they can rely on.

With Cyvl's data, Atlanta can:

- Respond fast to safety and political needs
- Make confident, data-driven decisions
- Expose gaps in access and mobility
- Back decisions with clear visuals

This project sets a new standard for how cities use AI-powered data to modernize public works, equipping Atlanta to tackle immediate repairs and long-term planning with confidence.



Learn more at info@cyvl.ai
See how it works at www.cyvl.com

