

How Lakeport Built a Smarter Sidewalk Management Program with vialytics

When the City of Lakeport began updating its ADA Transition Plan, staff quickly recognized an opportunity to do more than simply document accessibility deficiencies. Instead of creating a one-time inventory, the City set out to build a long-term sidewalk management program that would support maintenance planning, capital improvement projects, ADA compliance, liability documentation, and future grant applications.

Using vialytics, Lakeport developed a comprehensive inventory of more than **45 miles of sidewalks**, documenting **1,561 sidewalk assets** while identifying **354 missing ADA curb ramps**. By pairing vialytics with a custom dashboard, the City transformed field-collected data into an actionable planning tool that now supports multiple departments across the organization.

About Lakeport

Located in Northern California, the City of Lakeport is committed to maintaining safe, accessible infrastructure for residents and visitors.

As the City updated its ADA Transition Plan, staff realized they lacked a complete understanding of their sidewalk network. Existing records were fragmented, making it difficult to prioritize repairs, document accessibility improvements, or accurately estimate future capital needs.

Rather than collecting only the minimum amount of information required for ADA compliance, the City saw an opportunity to create a comprehensive sidewalk inventory that could serve as the foundation for a long-term asset management strategy.



The Challenge

Lakeport needed a practical and sustainable way to answer several important questions:

- Where are all of the City's sidewalks?
- Where are sidewalk gaps?
- Which intersections are missing ADA curb ramps?
- Which issues are routine maintenance items versus larger capital projects?
- How can staff document inspections and completed repairs?
- How can progress be measured over time?

Traditional sidewalk inventories often require specialized software, multiple disconnected databases, or extensive spreadsheet management. The City wanted a solution that could integrate naturally into its existing workflows.

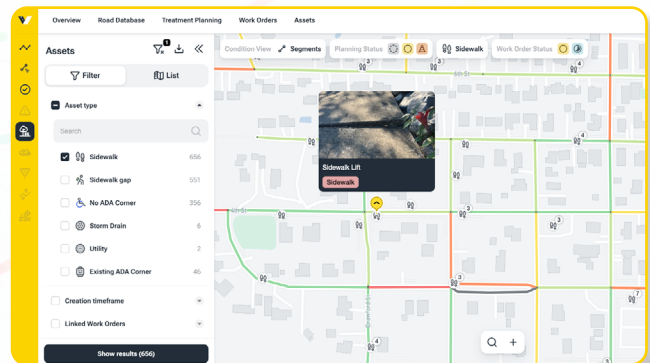
The Solution

Using the vialytics mobile app, staff walked the City's sidewalks and documented:

- Existing sidewalks
- Sidewalk gaps
- Missing ADA curb ramps

Each asset includes GPS location, photos, condition information, and notes about accessibility barriers such as vegetation, utility conflicts, driveway conflicts, and path-of-travel issues.

The data is then exported from vialytics into a custom dashboard, creating a centralized system that combines inventory data with vialytics Work Orders. This gives staff an easy way to monitor sidewalk conditions, prioritize repairs, document completed work, and track progress over time.



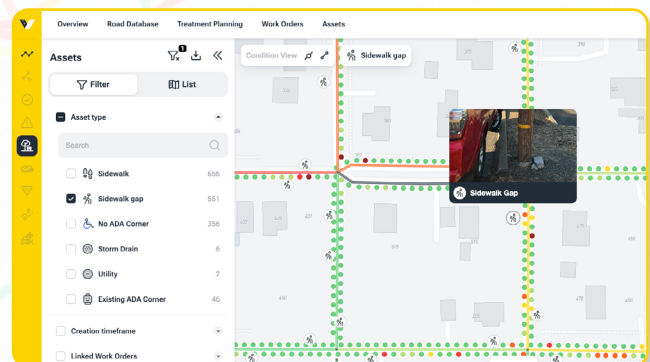
Results at a Glance

Inventory

45.2 miles of sidewalks inventoried
1,561 sidewalk records documented

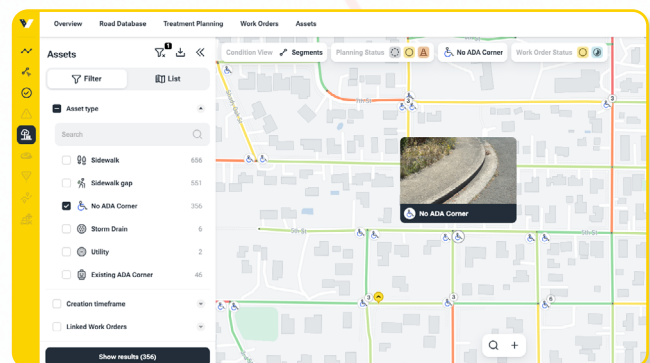
Accessibility

354 missing ADA curb ramps identified



Operational Benefits

- Centralized sidewalk inventory
- Integrated Work Orders for maintenance tracking
- Improved documentation for ADA planning and liability management
- Better visibility into sidewalk gaps and accessibility deficiencies
- Reliable data to support capital improvement planning and grant applications



Customer Perspective

„The inventory turned what had been scattered knowledge into a documented, measurable sidewalk program. It helped confirm some things we suspected, but also gave us better numbers and records to support prioritization, budgeting, risk reduction, and ADA planning.“

Ron Brown
City of Lakeport, Supervisor

Looking Ahead

What began as an ADA Transition Plan has become a long-term strategy for managing sidewalk infrastructure. Today, Lakeport uses vialytics to support maintenance planning, ADA improvements, development review, and future capital projects—all from a centralized, data-driven inventory.

By expanding how it uses the platform, the City has created a scalable process that helps staff make informed decisions, improve accessibility, and better serve the community.