

CITY AND COUNTY OF DENVER

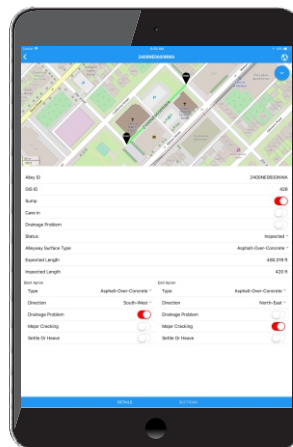
City and County of Denver, Colorado, Automates the Collection of Data for Alleys

dTIMS Mobile is an app that provides field staff with real-time connection to the powerful capabilities of dTIMS OM and BA for work management, inspections, and data collection.

The City and County of Denver (CCD) Department of Public Works implemented dTIMS for pavement management in 1996. Since the initial implementation, Deighton and CCD have continuously enhanced and refined the asset management methodology and scope of assets being managed.

In 2005, due to ecological impact of unpaved alleys and the economic drain of maintaining them, a program to pave 1000 unimproved public alleys in the city was implemented. By 2016 the paving was completed. Inspections for the alleys was proving difficult, however; as the city was relying on an outdated system that did not synchronize the data being collected with dTIMS.

The City chose dTIMS Mobile to collect their alley data. The app allows the city of Denver to collect new data and adjust existing alley inventory and collect distress data on those alleyways. The mobile application is taken on site and used to inspect, create, split, and or delete alleyways in Denver's database. The changes are stored internally in a database on the tablet itself. The tablet is then returned to the department and the new information is pushed to the dTIMS OM application where it is accepted or rejected. The accepted changes are synced to Denver's alley inventory table inside of dTIMS.



dTIMS Mobile App showing the status of alley inspection.

“dTIMS Mobile, by Deighton, will allow the City and County of Denver to bring its alley planning and programming in line with other asset management efforts throughout the City. This application facilitates long-term condition monitoring, pro-active repair and rehabilitation strategies, and budgetary analysis. The application is a game changer in managing this often overlooked asset class.”

Angela Hager, Senior Engineer
City and County of Denver



Population
712, 766

Challenge

Collecting alley inventory and condition data in the field

Department

Department of Public Works,
Street Maintenance Division

Solution

dTIMS Mobile

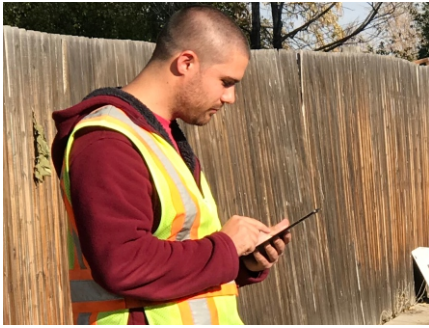
Results

Field staff are able to collect and update alley inventory and condition information in the field

dTIMS Mobile ensures greater accuracy of input data and no manual data entry

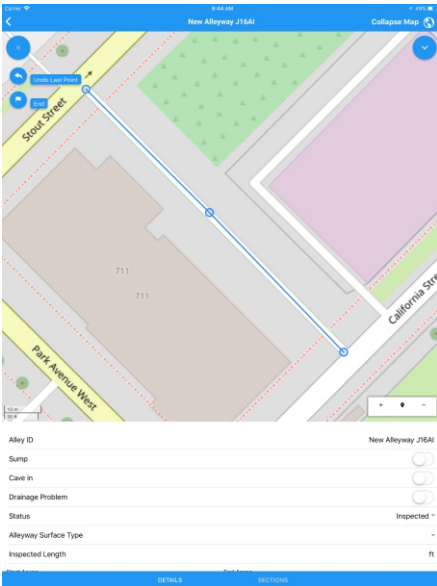
Users can add photographs of the inspection location to see where deficiencies exist

All data entered is synchronized with dTIMS if user is in an area of low or no internet connectivity



Empower Field Service

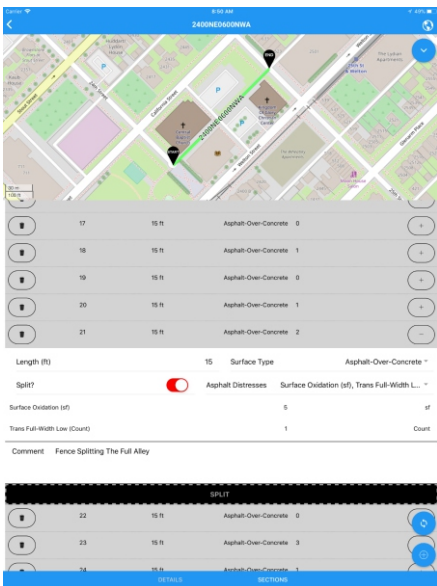
Application Specifics



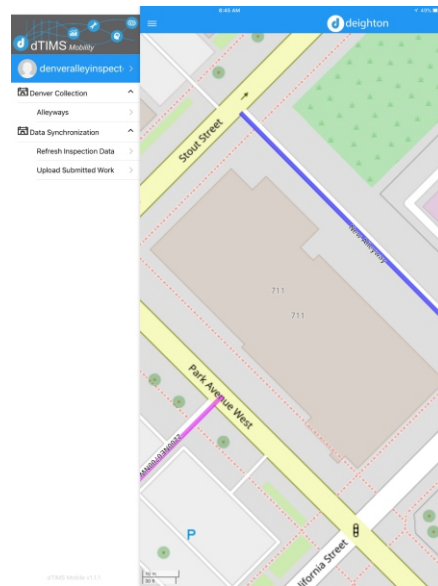
Click the alley on the map to conduct an inspection



View the inspection status of alleys on the map



Splitting an alley into different sections



Complete an alley inspection, synch data, upload work for approval

About Deighton

Deighton Associates Limited (Deighton) has established itself as one of the world leaders in providing asset management systems and asset management expertise at the strategic, tactical, and operational levels for agencies around the world. Recognized as the premier software product for infrastructure asset management, dTIMS® is used to manage large infrastructure networks in Africa, Asia, Australia, Canada, Europe, New Zealand, and the United States. These infrastructure networks include hundreds of thousands of miles of pavements, thousands of bridges, and millions of wastewater, storm water, and fresh water distribution pipe assets.

Learn More

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