

IMPROVING MOBILITY FOR INDIVIDUALS WITH DISABILITIES

ADA GEOSPATIAL TOOLKIT

The Americans with Disabilities Act (ADA) provides civil rights protections to individuals with disabilities, guaranteeing equal opportunity to public accommodations, employment, transportation, State and local government services, and telecommunications. To ensure accessibility for individuals with disabilities along our nation's transportation networks, JMT has designed and developed an ADA Geospatial Tool Kit, automating ADA compliance reporting and providing tools to view and analyze ADA information using a combination of Geographic Information System (GIS), web and mobile technologies.

SOLUTION HIGHLIGHTS

Flexible

Extend the database to suit your own needs or ADA guidelines

Scalable

Start with a small geographic area or expand to an entire region, county or state

Mobile

Keep your information current through maintenance and inspections processes in the field

Reduce Your Liability

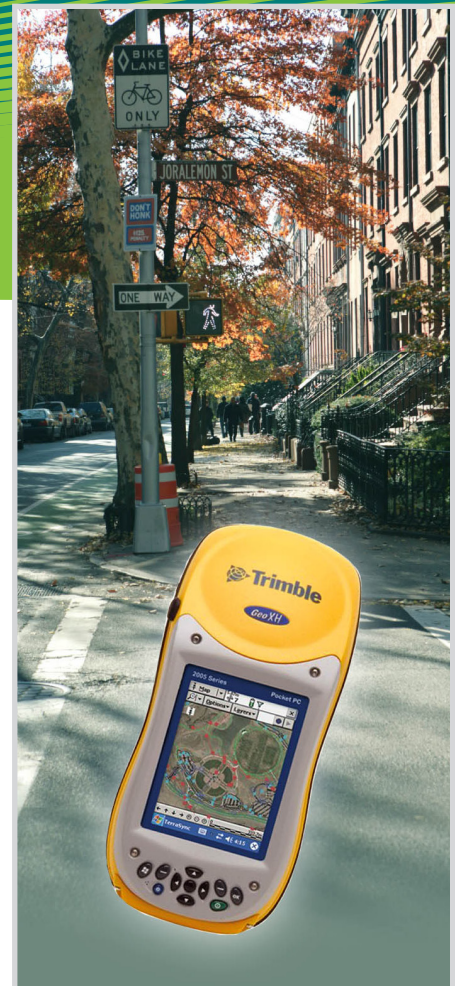
Know where your problems are before they become bigger problems

Streamline Funding

Look at where you have funds planned and programmed

Broaden Your View

Look at proximity to facilities, incident locations and gaps in the sidewalk network



WE'RE READY WHEN YOU ARE

Our attentiveness to customer service has created strong and successful working relationships. We welcome challenge and are committed to delivering our solutions on-time and within budget!

FOR MORE INFORMATION:
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ADA GEOSPATIAL TOOLKIT SOLUTION OVERVIEW

ADAMobile

JMT has established a flexible and extensible data model for pedestrian facilities based on the ADA Standards for Accessible Design that can be tailored to suit your specific needs and guidelines. Whether you are collecting information for the first time or maintaining an existing inventory, JMT provides *ADAMobile* to keep your inventory current. Built on ArcGIS® Mobile technology, our mobile field solution provides the capability to perform real-time updates from the field to the office – and back to the field. If real-time updates are not required, your workforce can collect information in a disconnected environment and provide that data at the end of the day, end of the week or whatever your business process allows.

ADADashboard

The *ADADashboard* is comprised of a map view with reporting capabilities for managers to monitor their ADA compliance program. The map view provides visualization of compliant and non-compliant features and the ability to view your ADA data with other geographic data. The reporting engine is designed so that users can compare and evaluate ADA compliance over time and make informed decisions for improvements.

ADAAnalyzer

The system is designed not only for reporting and monitoring performance of your ADA program, but it also provides tools to perform advanced geographic analysis. The powerful geoprocessing tools of *ADAAnalyzer* allows you to perform proximity and network analysis – ensuring accessibility to all individuals. By analyzing sidewalk compliance information with other geographic data such as critical public facilities or capital projects, you can make informed decisions, taking into consideration planned investments with the potential to streamline projects and funding for improvements.



TECHNOLOGY FRAMEWORK

The ADA Geospatial Toolkit is built on ESRI's ArcGIS® Server 10 technology and can support both Oracle and SQL Server. The mobile solution requires ArcGIS® Server Advanced Enterprise licensing.

