

About The AASHTO Technology Implementation Group (TIG)

Dedicated to sharing high-payoff, market-ready technologies among transportation agencies across the United States, TIG promotes technological advancements in transportation, sponsors technology transfer efforts and encourages implementation of those advancements.

For more information visit www.aashtotig.org



What Does The Lead States Team Offer?

- Knowledge and experience related to UREDMS implementation
- Customized state visits, as time and money permit
- Webinars to share experiences and educate others

LEAD STATES TEAM

TIG's Lead States Team includes representatives with UREDMS experience in their states who can help you evaluate the use of the technology in your agency. Turn to team members for insight, expertise and advice.

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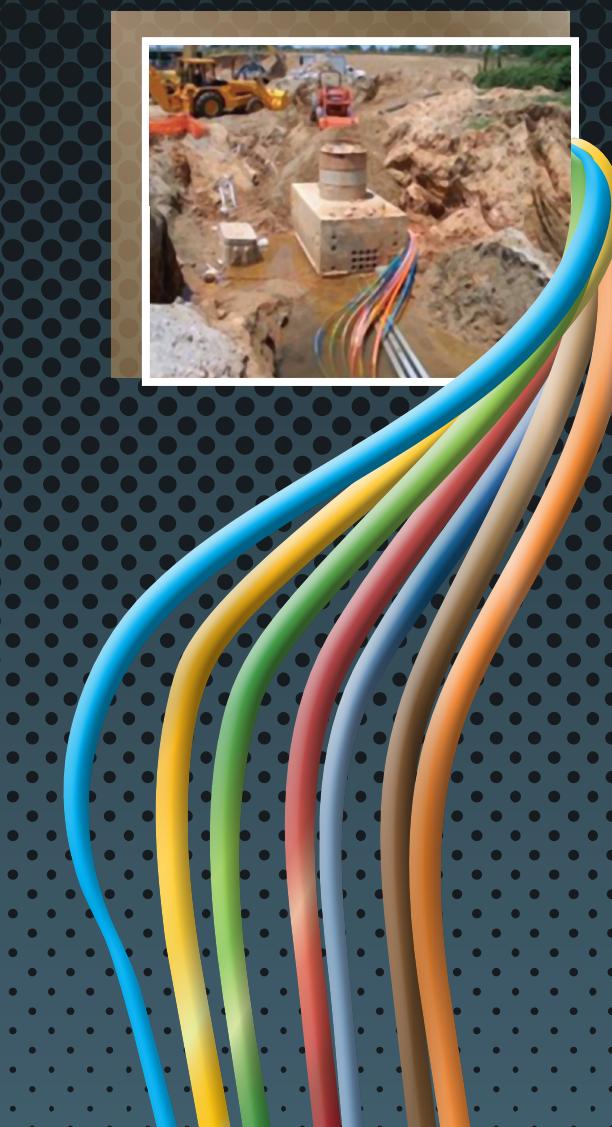
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UTILITY RELOCATION ELECTRONIC DOCUMENT MANAGEMENT SYSTEMS (UREDMS)

*The Web-Based Project Planning
and
Construction Facilitator*



AASHTO TIG and UREDMS

The TIG chose Utility Relocation Electronic Document Management Systems (UREDMS) as a focus technology because these systems have proven of great benefit in facilitating internal and / or external utility-related communications between the State DOT, municipalities and utilities as projects are planned, designed and constructed.



Why UREDMS?

Greater emphasis on utility coordination early in the project development process streamlines utility relocations, expedites project delivery, reduces impacts to construction schedules and minimizes contractor overruns due to utilities. These communication and document management systems allow secure communications, document submissions, access to stored documents and report generation wherever web access is available.



How It Works

While UREDMS can vary between State Departments of Transportation, here's an example of how a UREDMS may work:

Electronic documents, ranging from application forms and engineering drawings to checks and photos, are imported into UREDMS. Paper documents are scanned and imported as electronic images. Indexing then organizes documents for quick retrieval.

UREDMS workflow allows interaction with utility relocation data and documents to perform specific tasks related to utility relocation. Work items move through a series of work queues. When the user completes a step, the system removes the work item from the current queue and creates a work item in the next work queue. For example, when the district completes the step to initiate a cost-sharing utility request, the system creates a work item for the central office to process the request.

The system displays and allows data from other databases or systems to be used to assist in completion of workflow tasks.



Benefits

- Streamlined Processes
- Expedited Project Delivery
- Construction Delays Reduced
- Utility Relocation Planning Delays Reduced
- Efficient Office Operation
- Manpower Savings
- Change Orders Reduced
- Inappropriate Permitting Reduced
- Expedited Submission/Review
- Expedited Invoicing/Payments
- One-Stop-Shop for Utility Information
- 24/7 Access to Templates
- Electronic Signature Approval
- Potential for Legal Challenge Reduced
- Improved Document Retention
- Improved Decision-Making with Electronic Storage
- Transparency
- Tracking
- Asset Management
- Management Reporting
- Application Reporting
- Physical Storage Space Reduced
- "Green" Paperless Agencies

The screenshot shows the Michigan Department of Transportation Utility Relocation Tracking System (URTS) interface. The top navigation bar includes links for "connectMDOT Home", "URTS Home", "Contact URTS", "URTS Help", and "Sign Out". The main content area is titled "Statewide Utilities List" and contains a table of utility names and facility types. The table includes columns for "Utility Name" and "Facility Types", with entries like "AAT Communications Corporation" (Other), "Abovernet Communications" (Telecom), "Ace Communications Group" (Telecom), "Adams Township" (Water, Sanitary), "Ada Township" (Water, Sanitary), "Adrian Township" (Water, Sanitary), "Alger-Delta Electric Coop." (Electric), "All Band" (Telecom), "Allegan County" (Telecom), and "Allegan County Drain Commissioner" (County Drain). There are also buttons for "View Contacts", "Add New Contact", "Add New Utility", and "Delete". On the left, there is a sidebar with links for "Project Tracking", "Utility Maintenance", "Generic Documents", "Search/Maintenance", "Reports", "Authorizations", "Administration", and "Useful Links".