

## Plan, Manage and Track with dTIMS™ Maintenance Management (MM)


Work Order #D2-712  
Patching


Work Order #D2-725  
Mowing


Report #2011-034  
Guardrail Damage


Inspection #2011-145  
Shoulder drop-off


### KEY BENEFITS


 Automated Workflow tailors the system to your unique maintenance practices

 Analytical engine to help determine budget required to deliver your LOS targets or probable LOS based on your input budget

 Enterprise integration to Financial, Purchasing, HR Management and other applications via Service-Oriented-Architecture (SOA)

 Full spatial and/or linear location referencing for data storage as well as analysis

 Minimal data conversion requirements through an open architecture design

 Graphically-rich, browser-based, interface allows for easy user access and eliminates IT deployment headaches

**dTIMS Maintenance Management (MM)** provides a modular, browser-based, Enterprise solution for the planning, budgeting and management of tactical day-to-day roadway maintenance activities.

### Shift from Input-focused, to Output-focused

Roadway maintenance organisations are making the shift from an approach that is focused on engineering inputs to one which targets customer-oriented outcomes.

In this effort, Maintenance Organizations are establishing Maintenance Quality Assurance (MQA) programmes to help better define their maintenance objectives as well as provide Performance Measures to track their success against.

These measures are particularly important as many agencies are now either actively managing contracts for, or considering the potential benefits of, Performance Based Maintenance Contracting (PBMC).

These Operational shifts require not only Organizational changes, to realign resources and processes, but also the right tools and management systems in place to help track associated activities and measure performance.

Deighton's **dTIMS Maintenance Management (MM)** software can help automate the record keeping process so that maintenance staff can focus on actually **doing maintenance, not just entering data**. **dTIMS MM** helps deliver a modular solution which can grow with your agency and includes modules for a variety of tasks including:

- Annual budget development,
- Work-order management,
- Resource management,
- Maintenance treatment management,
- Level-Of-Service (LOS) management.

Deighton's **MM Solution** builds on **dTIMS** core technology; sharing the same asset repository (database), leveraging the **dTIMS** analytical engine and integrates Deighton's powerful Solution Accelerators – **wf** (WorkFlow) and **md** (Management Dashboard).

Seamlessly connected to the analytical power found within the **dTIMS** Pavement Management (PM) System, **dTIMS MM** works to inform the **PMS** planning process of routine maintenance activities that have been applied. **dTIMS PM** generated output can “inform” **dTIMS MM** of planned routine maintenance based on agency policy.

Microsoft®  
SQL Server ORACLE® 

# FEATURES

Database Configuration Maps Workflow Editor Schedule dTIMS MD Resources Users: Bob Logout

**Map-view**  
Mapping engine supports data storage and analysis using linear referencing, spatial referencing or a combination of both

Map Tools  
Download Map 100%  
Address Search  
47th  
Results  
477H Street 60609 IL  
477H Street 60609 IL  
477H Street 60609 IL  
477H Street 60609 IL  
477H Street 60609 IL  
477H Street 60632 IL  
477H Street 60632 IL

Work Order 40085  
Work Patching on 47th Ave  
Feb 21 - 24  
Work Inspection Due By Feb 24th

**Workflow-view**  
Custom tailor the operation of the MIMS to fit your business process as opposed to changing your process for the MIMS

Workflow Editor  
Database Configuration Maps Workflow Editor Schedule dTIMS MD Resources

Task List  
Task Name  
Status  
Priority  
Assign To  
Start Date  
End Date  
Notes

**Resource-view**  
Proactively manage your staff and equipment resources to accomplish your workload

Resources  
Day Week Days  
Jack Taylor  
30 31 1 2 3 4 5  
6 7 8 9 10 11 12  
13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30 31  
27 Feb - 5 Mar  
20 28 Feb  
6 - 12 Feb  
13 - 19 Feb

**Scheduler Detail-view**  
Drill-down to details of your scheduled inspections and work orders

Appointments  
Edit Profile  
Red Category  
Subject: Diurnal Inventory Inspection  
Description: Visual inspection of the roadway  
Start time: 17/02/2011 8:00 AM  
End time: 17/02/2011 11:00 AM  
All Day Event  
Save & Close Cancel



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