



T A M S

Sign Management

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local technical
assistance program

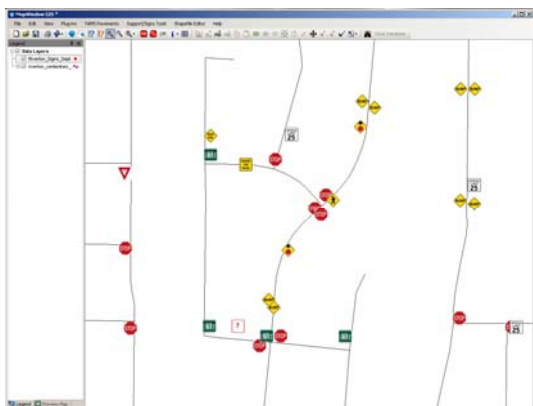


Infrastructure Management: Signs

GIS TECHNOLOGY BRINGS YOUR ASSETS INTO A VISUAL AND EASY TO USE FORMAT

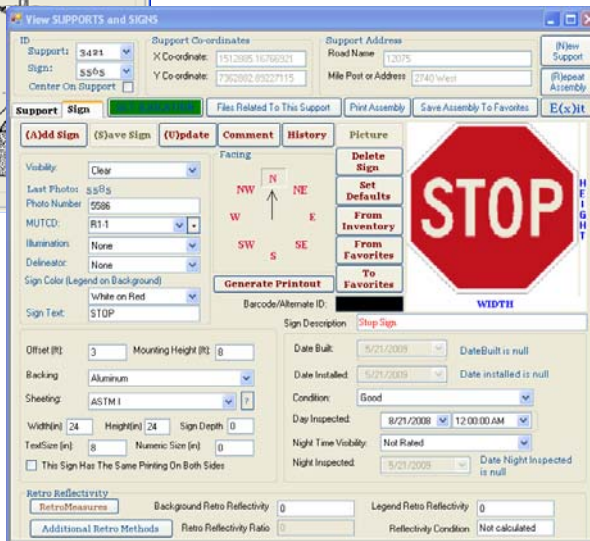
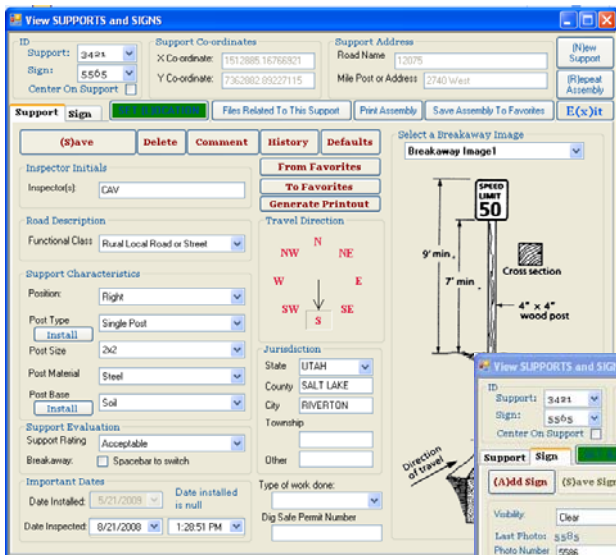
With new government mandates to “use an assessment or management method that is designed to maintain sign retroreflectivity at or above the minimum levels...” (Federal Register, 2007), The Utah Local Technical Assistance Program (LTAP) is prepared to streamline your sign management “method” using our Sign Management plug-in for MapWindow.

The signs plug-in is part of the Transportation Asset Management System (TAMS) Infrastructure Management group of programs. TAMS operates in MapWindow, a free Geographic Information System (GIS) interface that allows the user to “point and click” at objects imported to the program. With TAMS each sign or support can be selected for inventory, condition rating, analysis, and replacement purposes. *Note: A GIS map is not required for most functions of the program.*



SIGN INVENTORY

The inventory process is facilitated by the GIS interface which allows the user to graphically see the assets in their system. By clicking on the desired asset, the user can add, change and look up specific data related to that asset. The signs module is designed to inventory over twenty sign and support characteristics, calculate retroreflectivity measurements, and store comments and history specific to each sign and support for easy future reference.



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Custom Queries

Create custom queries with the Query Select Tool interface and export them to a text or MS Excel file.

Select Support Locations By Sign Attributes.

MUTCD

R1-1

Add Condition

Remove Condition

Clear Conditions

and

or

not

Select By Attributes

Done

Warrant Life Calculator

Value Setup

Sign Sheeting Type: ASTM I

Sheeting Warrant Life Length: 5 yrs.

Sign Cost per Sq Ft.: 5

Expiration Date: 7/ 9/2009

Expired Signs Report

[What If...](#)

Signs Reports

Open Different Database

Check the fields you want on the report

Support and Support | Support History | Sign History

Support

Support ID

Direction

Functional Class

Post Type

Post Size

Post Base

Post Position

Post Material

Date Inspected

Date Installed

Rating

Breakaway

Road Name

Inspector

Sign

Sign ID

MUTCD

Facing

Backing

Sheeting

Illumination

Delineator

Visibility

Sign Color

Photo Number

Text Retro Reflectivity

Night Vision

Retro Ratio

Condition

Condition Before Retro

Length

Height 1

Height 2

Mounting Height

Sign Text

Number Size

Text Size

Lateral Offset

Date Built

Date Surveyed

Date Installed

Night Surveyed

=

>

<

<=

>=

>

Add constraint

Another

Run Query

Remove

AND

OR

Close

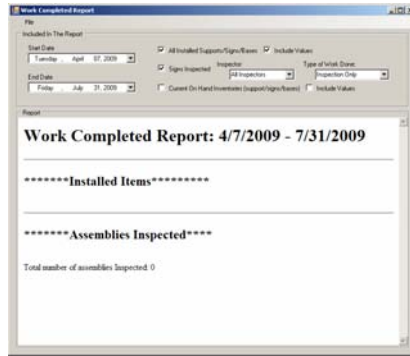
Maintenance

With several hundred to several thousand signs in each city and county, maintaining required retroreflectivity standards is a job that requires a clear and simple tool to organize mountains of data.

TAMS Signs uses a unique approach to organize and coordinate the maintenance of your sign network, and evaluate the associated costs.

The program can track the age, service life and sheeting of each sign. With this powerful tool you will be aware of the remaining service life of each sign so your local roads can stay safe, and aged signs can be replaced before they become a hazard.



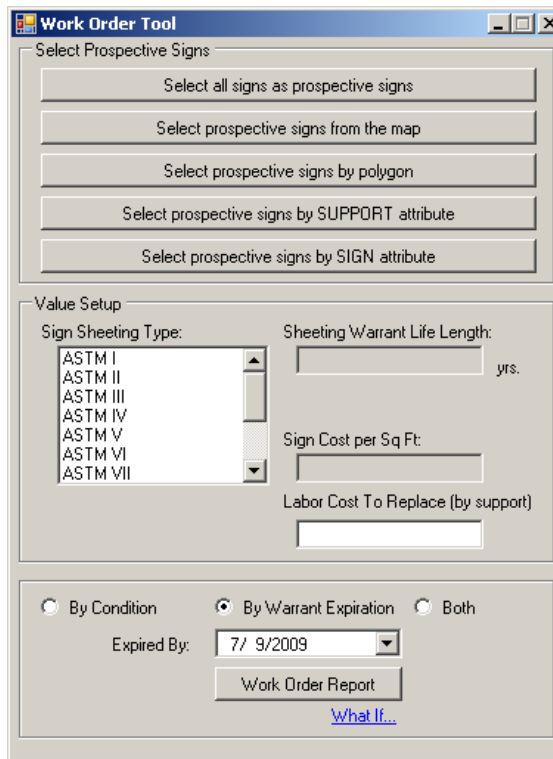


Work Orders

Manage maintenance projects with TAMS Signs Work Order Tool. Select sign supports for the project by clicking on the map or use a drop down menu to select by the several possible attributes.

Reporting

TAMS Sign Management also allows users to generate reports of work and inspection completed.



LTAP SERVICES

The Utah LTAP Center is able to provide technical assistance for the implementation of the following asset management and safety related software items. The Center can also provide the field data collection services of these assets.

DATA COLLECTION AND REPORTING

CRASH/INTERSECTION ANALYSIS

PAVEMENT MANAGEMENT

SIGNS & SIGN SUPPORTS

ROAD SAFETY AUDITS

RAILROAD CROSSINGS

ADA RAMPS

SIDEWALKS

CULVERTS
(COMING SOON)

MORE...

Our Partners



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TAMS SYSTEM REQUIREMENTS

LTAP's Asset management and safety software runs in the MapWindow GIS platform as a separate module or plug-in. MapWindow GIS (a programmable open source Geographic Information System) is compatible with Windows XP or Vista.

