



Asset Management Software

Asset Manager Foundation is the base of the **WorkTech Inc.** asset management software system. This application enables the inventory of roads, bridges, culverts manholes, sewers, facilities and any number of asset types. Bolstered by its additional software extenders this module is also capable of condition inspections; preventive maintenance; parent-child asset linkage; budget optimization; needs forecasting and budgeting; best practices analysis; OSIM, MDADES, & RIMS compliant inventory; collision zone tracking; asset deterioration profiles and life-cycle management.

Maintain a comprehensive inventory of your municipal Right-of-Ways. Track road sections as separate assets each with its own deterioration profile, maintenance requirements, attributes, features and service standards.

Change Road (Asset ID: 002236: OXFORD COUNTY ROAD #30)

Asset ID: 002236

Basic | Extra | Attributes | Features | Cond/Insp | Projects | Service Standards

General Information

Road: [] to [] 2 Roadside: [R] Yr. Built: [NA]

From: [OXFORD COUNTY ROAD #30] LR Offset: [23.60]

To: [CPR SUBWAY] LR Offset: [24.00]

Classification

Asset Class: [RP35] Seryc Class: [3] Surface: [HCB] Subtype: [800] GIS ID: []

Primary Attributes

Rd Name: [] Schl Rte: [Yes] Drainage: [DD - Open Ditch] Design Cla: [800] Bus Route: [No]

Dimensions

Length: 0.40 km
Width: 7.20 m
Lanes: 2.00 ea
Surface Depth: 0.00 mm
Base: 0.00 mm
Subbase: 0.00 mm
Platform: 15.90 m
Design Width: 7.20 m

Linked Assets... [OK] [Cancel] [Help]

Define the type of detailed data to be tracked for each asset type. Populate fields with drop lists and lookup tables to ease data entry and enforce accuracy. Copy the setup of an asset to other similar assets and avoid duplicate entry.

Change Asset Type (Facilities)

Basic | Dimensions and Units | Attributes | Subtypes | Exterior

Asset Type: [Facilities]

Options

Has service standards Has depth information

Has subtypes

Has features

Has attributes Linear asset Multiple References

Has Asset Class Reference 1: [&Name]

Has load restrictions Reference 2: [&Location]

Has traffic information Has material types

Has condition information Description: [Exterior]

Use detail condition ratings Include Functionality For: [Facility]

Can be shared Use Time of Need Field

[OK] [Cancel] [Help]

ASSET MANAGER FOUNDATION

- Track unlimited features and attributes specific to each user-defined asset type
- Employ linear referencing to easily locate assets and subsurface layers
- Develop service standards by asset class and service class e.g. Urban vs Rural roads
- Attach pictures and video files to asset records
- Retrieve maintenance history and see all work costs incurred
- View work in progress and expected completion results
- Retrieve condition information including current value, rehabilitation and replacement costs



Asset Manager Foundation

Software Features

Integration

When used in conjunction with Work Manager Foundation and Service Manager Foundation, Asset Manager Foundation enables cost reporting and management by individual asset and asset maintenance using work orders.

Asset inventory

Use a single data repository of all assets owned from multiple asset types including facilities, roads, water mains, pipes, transmission lines, Right-of-Ways and more. Define the level and type of detail to be tracked by asset type and customize the entry screen for each type.

Industry Standard Formats

Employ industry standard data collection and reporting formats such as OSIM, MBADES and RIMS or create your own standard formats by asset types.

Item Details

Track unlimited details by item including: dimensions, attributes, specifications, joint ownerships, load restrictions, current conditions, values etc.

Service Classes

Create unlimited service classes. Service classes determine how rapidly service requests and work orders should be completed for various assets within an asset type for example: remove snow within 3 hours of last snowfall on service class 1 road. ...

Linear Modeling

Use linear referencing to locate layered assets. Find the location of one or more assets in relation to a Right of Way's beginning and end point. Identify the location of subsurface assets without maps or pictures.

File Referencing

Use file referencing to attach files from external applications to one or more items in the asset repository. Linked files can be video files, images and any other file that can be opened using any third party application.

Collision Tracking

Track collision zones and identify high risk areas. For each incident record the cause, the damages, the repercussions on affected assets etc. Identify areas requiring additional maintenance or signage clarification to prevent future incidents.

Reporting

Create multiple reports relating the condition of assets, last maintenance activities performed, specifications and attributes and images. Perform ad-hoc queries on reports to extract specific data. Mass generate reports for an asset type or assets grouped by other criteria.

Work Order Linkage

Using Service Manager Foundation, assign a work order or service request to an asset. All work orders completed and in progress for that asset appear on a history log and are available for querying. Costs posted against the work order and job are also reflected on the asset.

Graphing

Create attractive graphs and charts of assets or asset data through simple point and click action. Graphs can be printed right from the application and require no other third party export.