

AssetAsyst®

The Asset Register

Generic information

AssetAsyst® has an asset register used to collect and store data relating to road, pathway, building, drainage, tree, structural and other user definable point, area or line assets.

The software has the in-built capabilities to store a wealth of information relating to these asset types, such as:

- Asset name and ID

- Location
- Chainage
- Owner/District
- Construction material
- Maintenance category

Custom fields

AssetAsyst® has the inbuilt capability for 'User defined fields' to be added to asset types, allowing the user to customise the software to meet their specific needs.

Asset hierarchy

Within AssetAsyst® the user is able to break up linear assets such as roads into segment lengths allowing the parent roads properties to filter down to the individual road segments. Other assets such as Structure assets can be linked to their parent road, copying relevant information to the Structure asset from the road that the structure is located on.

The screenshot displays three overlapping windows from the AssetAsyst software interface:

- Pathway Information:** Shows a table with columns for Segment ID, Start Chainage, Start Description, End Chainage, End Description, Surface, Maint. Cat., District, and Owner. A segment with ID 6410 is selected.
- Road Information:** Similar to Pathway Information, it shows a table with columns for Segment ID, Start Chainage, Start Description, End Chainage, End Description, Surface, Maint. Cat., District, and Owner. Segments 6, 7, and 8 are visible.
- Structure Information:** A detailed form for a culvert structure. It includes:
 - Structure Details:** Asset Class (Culvert), Structure Name (0.15), Asset Number (187), GIS ID (0), Structure Over (Water), Structure Usage (Road), Feature Crossed (Whela Creek), Suburb, Maint. Category (Missing), Structure Type, Owner (Loddon Shire Council), NAASRA Class, Span Material (Precast Concrete), Span Type, Deck Type (Other), and Span Details.
 - Position Details:** Line (Road: Logan Kingower Rd), Structure Chainage (150 m), Asset ID, Segment ID (2109), Segment Chainage (110 (00 Logan-Wedderburn) to 510 (Width Ch)), and Class (RSC).
 - Overall Condition Score:** 1.026 (Good), Assessed (13/02/2014 1:53:10 PM).
 - Comments:** A section for adding or removing comments.
 - Geometry:** A diagram showing the structure layout with labels: ORIG STRUC., WIDENING LEFT (1, 2), WIDENING RIGHT (1, 2), and WHOLE STRUC. Cell Length / Diameter is set to 2.4 m.