

Bayside City Council

GIS and Technical Service Drawing Database



Industry

- Local Government
- Asset Management GIS

Project Facts

- Bayside City Council's consists of nine wards with a total population of 83,504

Challenge

- Poor user access to Inaccurate information

Return on investment

- Reduced risks
- Accurate asset management
- Accurate asset depreciation

Future Benefits

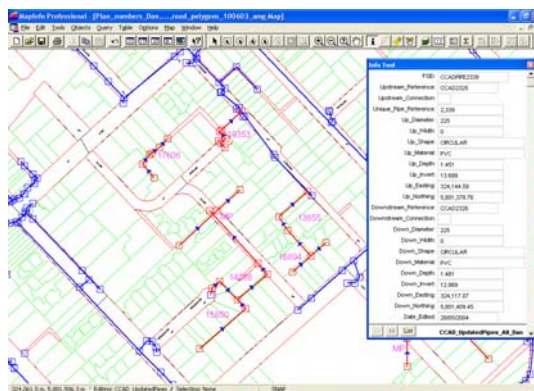
- Improved Asset Management

Bayside City Council (BCC) comprises the former Cities of Brighton, Sandringham, Mordialloc and Moorabbin. When BCC needed to improve its GIS and Technical Services Drawing Database, Consulcad was engaged for its knowledge in the field and experience with local governments.

BCC have approximately 18,000 plans scanned in tif format. To enhance access to the plans, a geo-referencing process was undertaken, this included viewing each of BCC scanned engineering drawings, allocating a category to each one, linking the image to the council's cadastral roadblock and updating the database description fields for that drawings.

With access to the engineering drawings BCC became aware that consistency, accuracy and completeness in their drainage data was questionable. To overcome this Consulcad developed a QA process of comparing the engineering plans to data collected in the field. The QA process enabled a true assessment of the data and improved the quantity and quality of BCC drainage asset information.

The next step was to improve the quantitative data in GIS starting with the highest priority - a data capture program was executed. The result was an accurate representation of drainage data quantity, GIS positioning and the data associated with each asset.



This project delivered an information system that accurately reflects what exists in the field with respect to quantity and location. It accommodates users accessing data confidently, timely and accurately from Bayside Council's Corporate GIS system.

<http://www.bayside.vic.gov.au>

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