

Case Study



Project

Strategic Asset Maintenance Management Plan (SAAMP)

Location

Brisbane, AUSTRALIA

Sector

Infrastructure / Transport

Client

Port of Brisbane Corporation

Services Provided

Asset Management

Strategic Asset Maintenance Management Plan (SAAMP)

The Port of Brisbane Corporation is responsible for a diverse range of assets with a value in excess of \$1.3 billion, which facilitate the import of goods through the Port of Brisbane. The effective long term management and maintenance of these assets not only affects the bottom line of the Port of Brisbane Corporation, but also plays an important part in the continued economic growth of South East Queensland.

Following a scoping study, Altus Page Kirkland and consulting engineers, Worley Parsons, were engaged to develop and document a Strategic Asset Maintenance Management Plan (SAMMP) for all assets, which would allow the Port of Brisbane Corporation the ability to accurately track maintenance expenditure, identify under/over maintained assets, predict future asset lifecycle costs, align required asset standards with corporate objectives, streamline the collection of asset data and make informed asset management decisions.

Key Challenges: Although corporate systems were in place for recording maintenance and financial data, these systems did not provide management with all the information required to make fully informed decisions regarding the maintenance and management of the assets. Due to the wide ranging effects of the proposed changes, it was also necessary to gain support for the implementation from a number of different internal departments.

Outcomes: The outcomes of the project included the development of a structure for capturing maintenance costs throughout the asset lifecycle, consistent data structures across corporate systems, new software tools for lifecycle costing and identifying maintenance responsibilities and a blueprint for future system integration.