

Integrated Planning - Linking Asset Provision to an Organisation's Strategic Goals - Dandaragan Bowling Club

To maximise community use of the Dandaragan Bowling Club by installing floodlighting to the existing synthetic bowling green.

Project Background

The township of Dandaragan is 107 kilometres north east of Perth. The bowling club is located directly adjacent to the Dandaragan Sporting Club which is accessed by all recreation and sporting groups with the Dandaragan community. In 2004 the Dandaragan Bowling Club installed and fully funded a synthetic playing surface to reduce ongoing maintenance costs. The existing grass green was being maintained by volunteers from the bowling community. The long term strategy of the club was to provide a broader range of options for sporting, recreational and social interaction within the community.

Approach/Process

The club formed a project management committee that liaised with the community and the Shire of Dandaragan. The design details for the floodlighting installation were supplied by the Department of Sport and Recreation. A performance brief, outlining the recommended towers and lighting types, was then provided to electrical services contractors who quoted to supply and install lighting towers, lights and power services to achieve the Australian Standard (AS2560.2.8) for bowls. The project management committee, with support from the Shire, coordinated the trenching and laying of electrical conduits by club volunteers. The electrical contractor undertook the supply, erection and the connection of the lights and lighting towers. Project Partners

Strengths

- As part of the planning process for the installation of the bowling green the club also planned for the installation of the lighting towers to ensure minimal disturbance to the newly laid synthetic green.
- The club held discussions with the contractor which resulted in a cheaper methodology for installation of the lighting towers.
- The club has been able to host carnivals and competition pairs by restructuring the competition format and running these activities into the evening, rather than over the traditional two days.
- The club has attracted more senior bowlers back

to the game, who prefer to bowl in cooler parts of the day.

- The facility has contributed to an improved social environment within the Dandaragan community.

Challenges

- To ensure the placement of the footings and foundations for the light towers caused little or no disturbance to the synthetic bowling green.
- To ensure the existing power supply had the capacity to support the increased electrical load for lighting the bowling green.

Further Opportunities

- Encourage club sponsors and other local clubs to use of the bowling green and the associated Dandaragan Sporting Club facility for social events.
- Corporate bowls nights.

Budget Implications

- The proposed budget for the project was based on the contractor undertaking all of the work.
- The community contributed labour and services which reduced the overall finished cost of the project.
- Budget - \$25,582.
- Actual - \$18,942. Sustainability Principles
- The club has been able to establish a \$10,000/year sinking fund for the replacement of the bowling surface, once the asset reaches the end of its functional life.

Sustainability Principles

- Lighting towers have a tilting mechanism which simplifies globe replacement which minimised maintenance costs

Project Partners

- Dandaragan Bowling Club
- Lotterywest
- Shire of Dandaragan
- Department of Sport and Recreation

case study

Key Lessons

- . The operational and capital costs have been spread across a larger user base, with a significant increase in the use of the bowling club in the evening, thus improving the performance of the asset.
- . The useable time during which bowls can be played has been extended, particularly in the summertime when the heat of the day can be avoided.
- . The bowling club undertook construction management and coordinated voluntary labour which allowed the project to be delivered at a reduced cost.
- . By considering standards, utilisation, maintenance, investment and legal obligations the club successfully linked asset management and resource planning to its longer term strategic objectives.

Who to contact for further information

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