

KINGSWAY SPORTING COMPLEX REDEVELOPMENT

City of Wanneroo

Location

Kingsway, WA

Commencement

Jan 2008

Completion

Mar 2009

Contract Value

\$7.0 million

Client

City of Wanneroo



Zero Harm

The project is 100% complete and there have been no lost time injuries.

LTIs: 0

MTIs: 1

Overview

The Kingsway Sporting Complex Redevelopment - Stage 2 involves the upgrade of the park's existing services together with providing the essential infrastructure required to operate the infield irrigation system planned for future stages.

Contract Supervision

The contract was managed by City of Wanneroo with Cobey as Main Contractor.

Scope

Cobey was awarded the contract for the stage 2 redevelopment.

The works required were:

- Construct Irrigation Lakes with boardwalk & landscaping
- 14km of DN250 to DN100 PVC pipe
- 4km of DN400 to DN125 HDPE pipe
- 2km of DN150 to DN100 Sewer and drainage pipes.
- Electrical installation incl. HV cables transformers and switchboards.
- Minor Road works
- Pump station Building Construction
- Pumps and piping installation
- Landscaping the site incl. limestone retaining walls
- Install irrigation system incl. controller to landscaped areas
- Fire water pump and hydrants
- Testing & Commissioning

Project challenges

This project required Cobey to ensure access was available to the public for all sporting activities to continue.

Certain areas of site were required to be constructed during the off season for particular sports. Construction was required to be completed prior to the start of the season.

The bulk cut of the irrigation lakes had small, narrow access roads which restricted earthmoving equipment sizes.



Managing the challenge

We managed this job by providing quick and efficient responses to changes and working closely with the Client, design consultant, local residents and Utility Service Providers.

Road closures were carefully planned to maintain access and still provide sufficient space for construction. All works were contained within fencing and barriers to keep the public safe over the weekends.

Cobey programmed works based on each sporting season. This was not always the most efficient method for construction, but offered the Client increased usage of the site throughout construction.

Removal of soil from the site was via 6 wheel tipper trucks and front end loaders and excavators. Dust was controlled via water cart throughout the project.

Adding Value

We added significant value by pro-active approaches to site changes using experienced and highly competent personnel.

Cobey proposed design changes for common trenching of services that saved the client money and significant time on construction.

