

## Project List

### **Morrison Road Concept – Midland Area** *(Proform Civil Contract)*

Proform Civil was contracted to undertake a concept design to upgrade intersections and provide dual carriage along Morrison Road from Reid Highway to Myles Road – Midland Area. The project was to assess land requirements and undertake initial liaison with stakeholders such as the local authorities and the Department of Planning.

### **Helena College Senior High School Car Park – Perth Region** *(Proform Civil Contract)*

Proform Civil was contracted to undertake the engineering design of the internal road and car parking of Helena College which included 156 car bays. The project included liaison and coordination of survey and consultation with the local authority.

### **Utakarra Road Network Upgrade Project - City of Greater Geraldton** *(Proform Civil Contract)*

Proform Civil was contracted to undertake the engineering design of three intersections to assist with the delivery of the City of Greater Geraldton's "URNUP" project. The project includes two complex intersection designs and a roundabout.

### **Great Northern Highway/Bishop Road Roundabout Design - City of Swan** *(Proform Civil Contract)*

Proform Civil was contracted to undertake the engineering design of a complex roundabout at the intersection of GNH and Bishop Road in the Midland Area. The Roundabout involved providing a dual carriageway free flow left turn and manoeuvrability for network 7 vehicles.

### **Baldivis Road Design - City of Rockingham – Perth Region** *(Proform Civil Contract)*

Proform Civil was contracted to undertake the engineering design and documentation to upgrade two kilometres of Baldivis Road (Safety Bay Road to Highbury Boulevard) to a boulevard style layout which included nine intersections and two roundabouts. The project incorporated the administration of Geotech, a Road Safety Audit and Service Locations to complement the design.

### **Brooking Road Design - Shire of Mundaring – Perth Region** *(Proform Civil Contract)*

Proform Civil was contracted to undertake the green field's engineering design of the above mentioned road extension. The project includes the design of large culverts, conventional road works and will form an important new link for future developments.

### **Brown Ranges Haul Road - Shawmac** *(Proform Civil Contract)*

Proform Civil was contracted to undertake the 50km green field's design of the above mentioned haul road. The project involved balancing cut and fill volumes of the box, designing flood ways and culverts.

**Glentromie Road Design - Shire of Victoria Plains** (*Proform Civil Contract*)

Proform Civil was contracted to undertake the redesign of the above mentioned intersection. The design included the upgrade to a sealed surface and catered for heavy vehicle manoeuvres. Right of Way priority was also re-aligned to favour predominant traffic flows.

**Hillsden & Darlington Road Design - Shire of Mundaring – Perth Region** (*Proform Civil Contract*)

Proform Civil was contracted to undertake the redesign of the above mentioned intersection to transform it to a conventional "T" arrangement from its former forked alignment.

**Atkinson & Jones St Roundabout - Shire of Collie** (*Proform Civil Contract*)

Proform Civil was contracted to undertake the engineering design of a 4 way roundabout over an existing conventional intersection. The design catered for high pedestrian and school bus traffic due to a nearby school. The design also addressed drainage and traffic safety issues.

**The New Lord Street – Concept Design – MRWA funded project – Perth Region** (*City of Swan*)

Whilst under the employment of the City of Swan, Dale was assigned to design eight kilometres of dual carriageway with five major intersections from Reid Highway to Gnangarra Road in the Perth Region. The project was to indicate land requirements and project funding for the future road which would alleviate congested traffic from Lord Street. The concept also incorporated a bus rail transport option adjacent to proposed road way.

**Gnangara Road Dual Carriageway - Alexander Road to Drumpellier drive – Perth Region** (*City of Swan*)

Whilst under the employment of the City of Swan Dale was assigned to the above mentioned project which involved the design and documentation of approximately eight kilometres of Gnangara Road from Alexander Road to Drumpelie drive. The project included complex intersections and was challenged by flat grades.

**Rio Tinto - Rail Capacity Enhancement Projects - Pilbara Region** (*Calibre Rail*)

Whilst under the employment of Calibre Rail based in the Perth office, Dale was assigned the project RCE333 and was involved in the design and drafting of road and level crossings, culvert design and catchment analysis using 12D and Microstation software.

**Great Eastern Highway Mundaring - Perth Region** (*Shire of Mundaring*)

Whilst under the employment of the Shire of Mundaring, Dale was assigned to the above mentioned project which was to develop a solution to improve the amenities in the town centre of Mundaring. The project addressed pedestrian accessibility with the design of ramps and retaining walls and consisted of the redesign of two slip lanes to improve traffic flow. Dale worked in conjunction with Main Roads and contracted project engineers to develop the design and documentation to Main Roads standards.