

**Case Study****St Bernard's Road  
Lighting Upgrade****Project Details****Client name**

Department of Planning, Transport and Infrastructure (DPTI)

**Start date**

December 2019

**Completion date**

February 2020

**Contract Type**

Design

**Contract value**

\$8,000

**Key Personnel**

Project Manager

Lead Designer

Lead Draftsman

Safety Lead

Planning Officer

**You can rely on us to deliver complete designs quickly and be confident that the solution is optimised for your specific requirements**

**The Customer**

The Department of Planning, Transport and Infrastructure (DPTI) works as part of the community to deliver effective planning policy, efficient transport, and valuable social and economic infrastructure. DPTI manages the planning and land use system for South Australia to grow the economy and create more vibrant places for our communities, and support the effective functioning of Local Government and outback communities, this includes the management a number of arterial roads and highways in Australia.

**The Opportunity**

DPTI invited the Enerven Lighting Solutions group to carry out a road lighting audit of St Bernard's Road as the road lighting had been in service for a number of years and was due to be upgraded.

Enerven has extensive experience working with both DPTI and SA Power Networks, making us familiar with the requirements and procedures that need to be adhered to when working with each client.

The scope consisted of carrying out desktop, and site inspection activities of the luminaires on St Bernard's Road.

**The Solution**

Enerven conducted both site and desktop inspections to first determine whether any existing assets could be reused as well as placing any assets deemed as non-compliant on a priority list for replacement.

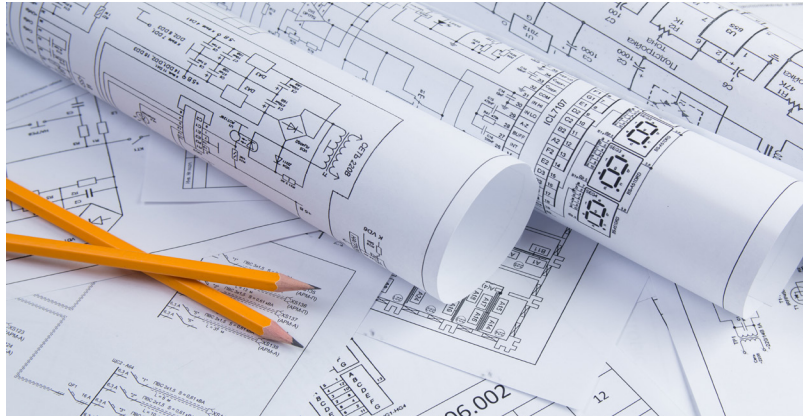
The team calculated luminaire spacings and arrangements to determine locations where additional illumination was required, as well as locations where lower wattage luminaires could be used to reduce the ongoing energy consumption, generating potential savings. A complexity of the area was the 66kV overhead High Voltage cables, which meant certain locations had very limited installation possibilities and required extra caution to ensure safety clearances were met.

Due to our relationship with DPTI and SA Power Networks the team were able to provide a design which met the standards of both clients, allowing for a seamless transition between design and construction.

**Key Capabilities**

This project highlights Enerven's ability to work collaboratively with clients, end users and stakeholders to deliver an optimal solution.





## Why Enerven?

Our experience in the market place, combined with the expertise and industry knowledge of our team, makes Enerven's offering second to none - which is why industry leaders such as Oz Minerals, Lendlease, AGL and BHP Billiton trust Enerven with their energy infrastructure assets.

We invest heavily in the best equipment and the professional development of our staff, which means we combine experience and history with innovation and technology to deliver solutions that address the evolving energy distribution requirements of the community.

With a strong supplier and partner network behind us, our highly skilled staff work closely with you to fully understand your specific needs and vision, and will tailor a solution to suit.

Delivering the highest standard of work in a safe and environmentally sustainable manner is our top priority, and we have an outstanding track record to prove it. We focus on building long-term relationships with our clients, we're committed to working with you for the lifecycle of your project and beyond.

## Who We Are

**Enerven, an SA Power Networks Company, provides a range of construction and maintenance services, including fibre installation, to clients both within SA and nationally. We believe innovations and technology will continue to drive efficiencies, but no more so than the experience, knowledge and capabilities of our people.**

## Contact Us

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