



#### SYDNEY

10 Regent Street  
Chippendale  
NSW 2008

P +61 2 9212 0022  
F +61 2 9212 6688  
E [admin@ca-i.com.au](mailto:admin@ca-i.com.au)  
W [www.ca-i.com.au](http://www.ca-i.com.au)

#### GOLD COAST

Suite 106,  
Lakeside Bermuda Point  
20 Lake Orr Drive  
Varsity Lakes  
QLD 4227

P +61 7 5553 5588  
F +61 7 5580 8088

## UTILITY INFRASTRUCTURE





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CA&I have a broad history of experience spanning the many forms of utility infrastructure projects.

The challenge of any utility infrastructure project is to compliment the right credentials and resources with a project delivery approach that minimises inconvenience to the public. CA&I has the expertise to provide both the right approach and resources to promptly deliver local and regional utility infrastructure works.

CA&I commenced utility infrastructure projects as an extension to public domain and building projects it had always delivered. As clients observed how successfully CA&I delivered these works, demand increased specifically for utility infrastructure projects. This success is based on the different approach CA&I takes to traditional service providers in the industry. These differences are:

- Design and Construction Expertise in house
- Street Infrastructure Expertise
- Far reaching Council Relationships
- Professional Credentials

### DESIGN AND CONSTRUCTION CAPABLE

One constant challenge to the utility works is integrating design to achieve efficient low cost construction. CA&I have this capability through the provision of Design and Construction services. Beyond the typical construction services required, CA&I also have the in house expertise for:

- Preparation and implementation of Traffic Management
- Building design alterations
- Geospatial mapping
- Document management logistics for the high volume of field data to seamlessly be managed
- Construction Administration

CA&I have developed custom apps to enable field data recovery to align exactly to a client's needs and we continue to develop this technology to keep pace with industry demands.

### UNRIVALLED STREET EXPERTISE

CA&I have delivered utility infrastructure projects in some of the most complex and challenging environments in Australia. Areas we have considerable capability to deliver are:

- Optic Fibre Networks
- Electrical Reticulation (Aerial / Underground)
- Service Relocation works
- Mobile Base Stations

CA&I approach projects in street environments with a strong commitment to stakeholder and community management. We appoint to each street project a community liaison officer. We develop and implement project consultation plans. The result of this commitment is an informed and supportive community who accept and cooperate with the works undertaken. The reputations of our clients remain unblemished by the works we deliver.

### FAR REACHING COUNCIL RELATIONSHIPS

CA&I long history of working with local government has forged widespread positive relationships with many Councils. Our relationships and vast experience with local government projects position CA&I to provide effective and timely delivery of:

- Land Access
- Planning Approvals
- Environmental Assessments
- Heritage Assessments (cultural and buildings)
- Low cost pavement restorations

### PROFESSIONAL CREDENTIALS AND APPROACH

CA&I employ industry accredited professional in their respective fields. This includes project managers, engineers, traffic management specialists, architects, landscape architects and development managers. Having the design expertise within the team ensures our management of documentation is highly structured and can manage high volumes of field information.

CA&I are also members of numerous government construction panels. We are third party accredited to ISO 9001. Our OH&S system is third party accredited to NSW Government OH&S Guidelines and QLD Government requirements. We have worked in some of the most challenging environmentally sensitive areas in Australia. Our clients are assured of a service that will be remembered as outstanding.

### PIONEERS IN UNDERGROUNDING AERIAL SERVICES

The CA&I team were involved in some of the first privatised undergrounding works in Australia. We have worked closely with numerous members of the utility industry over time to assist with the development and implementation of undergrounding specifications and requirements. We have transferred underground large areas of aerial infrastructure including electrical, subscription TV, communication and mobile base station equipment and services. We have repeatedly provided this service and consider ourselves industry leaders in delivering these works in complex environments. Our services include:

- Procurement
- Traffic Management Design and Implementation
- Utility design coordination
- Construction of undergrounding infrastructure
- Property owner and public liaison

### TELECOMMUNICATION EXPERTISE

Several members of CA&I have a long history of involvement with delivering some of Australia's most complex telecommunication sites and projects. This experience has been specifically in the area of optic fibre networks, mobile phone networks and wireless links. Projects have spanned from iconic site such the Sydney Harbour Bridge and the Sydney Opera House to numerous tunnels, heritage buildings, monopoles, lattice towers and rooftops.