



**DIVERSI**  
CONSULTING  
ENGINEERING + PROJECT MANAGEMENT

# DESIGN. CREATE. DELIVER.

Civil infrastructure engineers that provide civil, structural, hydraulic, environmental design and project management services for infrastructure, urban development and property projects.

[diversi.com.au](http://diversi.com.au)



# DIVERSI CONSULTING CREATIVE ENGINEERING SOLUTIONS

Constantly evolving to meet the needs of a new and changing market, Diversi Consulting provides professional civil, structural, hydraulic and environmental engineering services. Diversi prides itself on its flexible and innovative delivery of design and project management services to the infrastructure, urban development and property sectors.

We work collaboratively with our clients and stakeholders to provide creative, practical engineering solutions to enable our clients to meet their project objectives.



## OUR DIRECTOR

Committed to achieving excellence



### PHILLIP DIVERSI — DIRECTOR

Phil Diversi is actively involved in all projects; providing a hands-on approach and a wealth of experience. An experienced civil engineer and project manager, Phil has over 35 years of experience in both the public and private sector for Urban Development, Infrastructure and Property projects. Phil specialises in complex projects, road design and stormwater management.

## OUR EXPERIENCED PROFESSIONAL ENGINEERS

Diversi has a highly skilled and experienced team of project managers, civil engineers, designers, and drafters to deliver our client's projects. We do this through a collaborative approach, providing honest advice, quality technical solutions, value for money, and on time to meet client requirements. We are also proud to be part of the leading industry bodies and panels.



# INFRASTRUCTURE

Crafting the framework for success



Diversi's extensive infrastructure engineering experience ranges from roads, rail works, mass transit, light rail, mining sites and bridges, to water management and hydraulics.

Our services include project management, civil engineering, structural, hydraulic, electrical engineering design and more.

The Diversi team has played a key role in a variety of different projects, including the Northern Beaches Hospital Major Road Upgrade, New Illawarra Road Barden Ridge, Jamison Road Penrith and Windsor Bridge to name a few.

# URBAN DEVELOPMENT

Committed to ongoing growth

Our urban development expertise includes land development, urban renewal and residential developments. We provide a wide range of urban development services to handle these complex projects and can offer project management and design services from acquisition / feasibility phase to design, construction and registration. Services include project management and design of earthworks, roads and stormwater, as well as services coordination. Other services we offer include environmental engineering, hydraulic modelling specifically for detention, harvesting and water quality, as well as flood analysis and reports.

Key projects undertaken include Lachlans Line, Macquarie Park, Clarke Street Riverstone, Ridgeway Barden Ridge, Boundary Road Tallawong, Gurner Avenue Austral, Park Road Leppington, and Thirlmere Way Picton.

Projects have ranges in size from 1ha to 200ha and 5 lots to over 1,000 lots.





# PROPERTY

## Creative Complying Solutions for Property Projects



The Diversi team have extensive experience in property development, including residential, retail and industrial centres. Our services include civil works, stormwater and detention design, flood assessment, roadworks, pavement design, earthworks and retaining walls.

Diversi have been engaged by retailers and development organisations of all sizes, such as The Royce Aged Care, Carmel Village (retail) Box Hill, Wongala Apartments Beecroft, Port Kembla Grain Terminal and, Caltex Fuel Stations and Endeavour Energy Substations

With each project, the dedicated team at Diversi provided personalised and innovative engineering and project management solutions to suit each client's needs.

## CASE STUDY

# THE RIDGEWAY, BARDEN RIDGE LAND REDEVELOPMENT

The Ridgeway is a premier residential subdivision located 36km South of Sydney CBD in the Sutherland Shire.

Diversi was engaged to undertake the detailed design of the subdivision consisting of 133 large residential lots, two detention basins and associated roads, civil, stormwater and water quality infrastructure and a community park.

The works included 70,000m<sup>3</sup> of bulk earthworks, 3.2km of new roads including two roundabouts, 700m of RMS roadworks with a new 4-way signalised intersection as well as a pocket park and community facilities. Works also included new utility services for sewer, potable water, gas, telecommunications and electrical. Additionally it was also necessary to relocate an existing trunk water main which traversed some proposed lots; provide a new sewer lead in main and install a new lead in water main and water pump station.

Diversi were engaged to undertake civil, structural, traffic, geotechnical, hydraulic and electrical engineering design services.

Multiple challenges were encountered and overcome to deliver a premium product with minimal impact on the existing fauna, downstream drainage and adjustments to existing services.



# SERVICES

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Our industry experience and expertise enables us to work on a wide variety of projects with varying degrees of complexity. Diversi has built strong professional relationships with a number of government agencies and experienced consultants, to provide tailored and integrated project management engineering solutions to our clients. Specialist services include:



## PROJECT MANAGEMENT

Project Management, Design management, authority approvals, cost planning, stakeholder consultation, tender/contract documentation and contract management.



## ROADS & EARTHWORKS

Civil & infrastructure design, minor & major roads, bulk earthworks, traffic control plans & facilities, road & carpark layouts including intersection design.



## STORMWATER

Pit & pipe design, system analysis, creek & channel hydraulics, stormwater modelling, flood mapping & studies, stormwater detention systems, integrated water management plans, water harvesting & reuse and water quality treatment.



## ENVIRONMENTAL

Erosion & sediment control, water sensitive urban design, wetlands, water management plans, water quality modelling, water balance studies, solid waste treatment and landfill as well as waste management plans.



## CIVIL STRUCTURES

Drainage culverts, bridges, river and foreshore bank stabilisation, retaining walls, boat ramps, wharfs & jetties.



## WATER & WASTEWATER

Sewer and water mains, onsite wastewater treatment, grey water recycling, pump stations & rising mains.



## UTILITIES

Service coordination, electrical reticulation and street lighting.

“ Diversi Consulting has been supporting Panthers Group with the redevelopment of the Panthers Precinct as the lead consultant for the infrastructure design team. Over a four month period, Diversi capably resourced the project to deliver a comprehensive concept design and water quality strategy for the infrastructure master plan and civil documentation for the first two major development applications. Unlike many larger firms, a principal of the business was always available to discuss and resolve strategic or complicated design issues when required. ”

**Ben Bacon, Project Director for Panthers Group**

“ Having dealt with Diversi Consulting over various projects for many years we have found them a team of highly experienced and approachable professional consultants delivering the highest standard engineering design on time and budget. ”

**Bruce Vasli, Principal Design & Approval Engineer for The Hills Shire Council**

## VALUES



### SERVICE

We are committed to a high standard of service that is client-focused, timely, efficient, and value-for-money.



### QUALITY

We are passionate about our work and deliver practical innovative solutions in our pursuit of engineering excellence.



### INTEGRITY

We are uncompromising in our ethics and provide open, honest communication and advice.



### SAFETY

Our work is produced to the highest national safety standards.



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