



Nathan Turnbull

Construction Surveillance Officer - Civil

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Qualifications

Diploma of Science CIT Bruce, ACT

Diploma of Project Management

Laboratory Techniques 2008, Cert IV

Relevant Courses

GC21 Masterclass - MBA

Supervision and Asbestos Awareness - MBA

WHS Management Plans - Worksafe ACT

Working Safely with Plant - Managing the Risks
of Moving Plant on Construction Sites

Tendering and Contracts - Consult Australia

Erosion & Sediment Control - MBA

Contract Admin - MBA

A Practical Guide to Effective Contract Management - IES Conferences

Professional Experience

8 years specialising in Construction Surveillance,
Contract Administration & Project Management

8 years specialising in Geotechnical Investigations,
Construction, Testing and Analysis

Profile

Nathan has been a member of the Indesco construction phase services team for the past 8 years. His experience covers a range of roles including surveillance officer, project manager and contract administrator duties. In his time at Indesco he has been involved in a large range of civil engineering jobs throughout the ACT.

Prior to his time at Indesco, Nathan worked for 8 years as the Manager for Coffey Geotechnics. He was responsible for managing a number of staff and utilising complex sampling and testing techniques to provide accurate results as required by National Association of Testing Authority (NATA). He is particularly experienced in the investigation and design of soil and road pavements and in particular the quality control associated with these materials under construction conditions.

Key areas of expertise

- Site Surveillance Officer / Clerk of Works
- Contract Administration
- Project Management
- Pavement Design, Construction and Testing
- Soil, Aggregate and Concrete Testing and Analysis

Key Projects

Denman Prospect Stage 1A - Superintendents Rep/Contract Administration

The project consists of the construction of Denman Prospect Stage 1A residential estate and comprises the construction of earthworks, roads, services, ponds and landscaping to service 401 residential blocks and one school site. The works will be constructed concurrently in 2 stages by separate contractors.

Springbank Rise - Casey 2 - Construction Surveillance Officer/Contract Administration

The development of roads, engineering services and infrastructure for nineteen (19) stages of the Springbank Rise Estate at Casey for Lend Lease. Works undertaken include the construction of 1,100 residential blocks, landscaping, wet lands / ponds and a village centre. It also included the construction of a precast concrete culvert bridge and associated works and the construction of a major 375Ø trunk watermain and pump station.

Pialligo Avenue Duplication - Construction Surveillance Officer

This project required in excess of one million dollars worth of services relocations including major water, gas, power and telco services at various locations along the duplication route. The project also included the construction of two pre-cast concrete plank bridges. It also included complex traffic management arrangements necessitating multiple traffic shifts requiring extensive consultation with RoadsACT and other key stakeholders to mitigate negative safety and stakeholder perception impacts.

Woden East Residential & Commercial Estate - Superintendents Representative / Construction Surveillance Officer

The development is located adjacent to the Woden Town Centre. The development has been undertaken as a joint venture between the Land Development Agency and Woden East Pty Ltd (a Hindmarsh company).

The development comprises nine super lots for residential apartments and two commercial sites for office retail use. Engineering services planning included stormwater drainage, 450Ø and 600Ø trunk sewer, water supply, roads and utilities with budget cost estimates for all engineering infrastructure including major trunk service relocations and options to 'naturalise' the existing Yarralumla Creek stormwater channel, which passes through the site. This project also included the construction of a >500k bridge spanning Yarralumla Creek.

Road Batter Stabilisation - Superintendents Representative

The stabilization to road batters at 16 different sites across the ACT region. The works also include the removal of boulders from slopes, battering and cleaning down of slope sections, rock bolting, mesh and shotcrete (to provide extended structure life) or hand packed concrete treatment of erodible or fretting seams or zones and provision of rock catch fences and / or guard rails.

Downer Demolition - Superintendents Representative

This project relates to the demolition of the buildings of the former Downer school located on Block 4 Section 61 Downer. The LDA reached the decision to carry out demolition of the buildings prior to handover of the site to the prospective purchaser.

Woden East - Stage 2B - Superintendents Representative

The development is located adjacent to the Woden Town Centre. The development has been undertaken by Hindmarsh Pty Ltd. The development comprises two super lots for residential apartments and two commercial sites for office retail use. Engineering services planning included stormwater drainage, water supply, roads and utilities, bridges, landscaping and cycle paths with budget cost estimates for all engineering infrastructure.

Crace Residential Estate - Construction Surveillance Officer

This is a joint venture between Canberra Investment Corporation, Defence Housing Authority, Prestige Building Services and the Land Development Agency for the development of approximately 1,500 lots. Indesco managed and supervised the construction of approximately 400 lots.

Valley Ponds - Superintendents Representative

The project focuses on integrating urban waterway management by investigating opportunities for investment in stormwater harvesting ponds and aquifer storage and recovery. The objective of the project is to replace potable water with alternative water sources for irrigation. This component of the project involved the construction of roads, carparks and services at the Valley Ponds site in Gungahlin.

Coffey Information

Managed the operations of a multi-site testing business in Canberra and surrounds, including focusing on WH&S, commercial viability and quality. Management of the Canberra Laboratory, with staffing of eight people and responsible for the overall operational performance of the Canberra Laboratory.

This included financials, WH&S, quality, personnel, clients, strategic planning, business development, public image promotion and high quality commercial, contractual and business performance. Responsible for developing and implementing competitive pricing strategies, and increasing the Canberra laboratory's profitability and clientele.

Nathan also played an integral role in the construction of the new Jindabyne Dam Spillway, spending 18 months running the onsite Laboratory which included the extensive testing and analysis of soils for the coffer dam, aggregates and soils for the onsite concrete batching plant to help design a local concrete mix on top of the overall quality control of the site and materials used.

Various testing throughout ACT & NSW including:

- Quality Control, Environmental, Soil, Concrete & Aggregate testing.
- Drilling, Site Classifications, Commercial & Residential.

Level 1 supervision in accordance with AS3798-2007

- Report writing
- Supervision of all construction workers and machinery
- Ensuring specification is followed Managing on site laboratory for the Jindabyne Dam Wall Upgrade (18 months)

Career History

2008 – Present Indesco Pty Ltd

2001 – 2008 Coffey Information, ACT