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Sean Brennan

Position: Project Manager - Sydney Metro West - Eastern Tunnelling Package
Company: John Holland
Location: Greater Sydney Area, Australia
Experience: 16 years exp

Contact Info:

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Social: in

Skills

Asphalt Paving   Bridge   Bridges   Civil Engineering   Concrete   Construction   Contract Management

Drainage   Earthworks   Engineering   Highways   Inspection   Logistics   Manage Client Relationships

Pavements   Project Coordination   Project Planning   Reinforced Concrete   Road   Road Construction

Steel Structures   Structural Engineering   Temporary Works

Work experience

Feb 2023 - current time
Project Manager - Sydney Metro West - Eastern Tunnelling Package
John Holland
Pyrmont Station - shafts and mined tunnel construction

Feb 2021 - Feb 2023
Project Manager - Westconnex 3B - Rozelle Interchange
John Holland
Tunnel civil fitout

Sep 2019 - Feb 2021
Project Manager - Sydney Metro City & Southwest TSE Works
John Holland
Victoria Cross Station - Mined tunnel excavation and structural lining.

Sep 2017 - Sep 2019
Senior Project Engineer - Sydney Metro City & Southwest TSE Works
John Holland
Victoria Cross Station (North Sydney) - Mined tunnel excavation and lining - Establishment of two shaft sites - Surface civils and utility works - Excavation and rock support of shafts (130,000 m3) - Excavation and primary support of underground station cavern and adits using road headers (140,000 m3) - Permanent reinforced in-situ concrete lining (40,000 m3)

Mar 2016 - Sep 2017
Senior Project Engineer
Bouygues Construction Australia
NorthConnex - Southern interchange civil surface works: - Pennant Hills Road Northbound tunnel entrance cut & cover dive structure - Pennant Hills Road Southbound tunnel exit cut & cover dive structure - Earthworks, pavement and drainage for new Pennant Hills Road including temporary pavements - Traffic switches and staged construction - Utility relocations - Southern facilities civil works

Dec 2013 - Mar 2016
Project Manager
Downer
Delivery of civils and pavement projects within NSW for clients including Dept of Defence, Transport for NSW, Roads and Maritime Services, councils and private clients.

Dec 2012 - Dec 2013
Project Engineer
Freyssinet Australia
- Installation of MLC tower access system (largest mast-climber in Australia) - Non-destructive investigations of reinforced concrete tower facade, assessment and implementation of repair methodologies

Nov 2011 - Aug 2012
Structures Schemes Engineer
Amey
Client-side project management of highway structures capital works schemes for Transport for London Streets (North London Highways Network)

Apr 2008 - Jul 2011
Site Engineer
Fulton Hogan
Newmarket Viaduct Replacement Project: Deconstruction: - Extensive temporary steelwork erection, - Strengthening and temporary post-tensioning, - Deconstruction and demolition, - Heavy lifting by crane and hydraulic strand jacks, - Managing jacking and stressing operations for temporary propping and removal of bridge span closure segments - Post tensioning site investigations for validation of deconstruction design inputs Precast: - Casting all viaduct segments (50-85t each) for twin 700m long motorway viaducts, - Management of reinforcement placement, concrete supply and quality control, - Pre-pour mould inspections and sign-off, - Survey control. Precast yard establishment: - Partial demolition and modification of existing facility, - Construction of foundations and casting cells, - Storage yard preparation - sub grade and base course stabilisation, pavement construction, - Liaising with local authority and environmental management. Kupe Gas Project: Site Engineer - Oil & Gas: -

Earthworks/Excavations - Reinforced concrete foundations - Environmental wetlands - Drainage - Pavements - Cathodic Protection (CP)

Education

2007 - 2008	**Management** Master of Engineering University of Canterbury
2003 - 2006	**Civil Engineering** Bachelor of Engineering (Civil) with Honours University of Canterbury

Head line

Project Manager at John Holland

Courses

Certificate IV Project Management Practice

Projects

MLC Centre Facade Remediation Project ($100M+)

Highways Maintenance Works Contract (HMWC) - North London Network

M25 Section 4 Widening (£360M)
Part of the £5bn DBFO widening of the London orbital motorway, M25, from 3 lanes to 4 lanes in each direction.
http://www.highways.gov.uk/roads/road-projects/m25-junctions-27-30-widening/

Newmarket Viaduct Replacement Project ($200M)
NGA Newmarket Alliance was engaged by New Zealand Transport Agency to replace the existing 700m long, twin post-tensioned viaducts on State Highway 1 through Newmarket, Auckland. Completion of this project required the staged construction and deconstruction of the southbound and northbound viaducts by segmental balanced cantilever method using overhead gantry, while maintaining live traffic throughout the project duration. This controlled deconstruction process was a world-first engineering feat, ensuring safe removal of the bridges within a heavily built-up urban environment.

Kupe Gas Project ($900M)
Fulton Hogan was engaged to carry out all site civil works for the greenfields Kupe gas field onshore production station (Oil & Gas) in Taranaki, New Zealand. The scope of works included extensive earthworks, foundations, pavements and drainage. Also included roading, environmental wetlands and landscaping, and cathodic protection (CP).

National Business Plan for Prestressed I-Section Power Poles
Research project into national power pole business in association with Stahlton Engineered Concrete (a division of Fulton Hogan Ltd). Project scope - Market research, pricing and positioning strategic analysis, technical evaluation and recommendations/action plan.