



Company Profile

**Specialising in Construction Project Management, including Feasibility,
Design, Commercial and Contract Management
of civil infrastructure, residential, commercial and mining projects**

Drive projects from concept to completion, providing Clients' the following services:

- ⇒ Leadership of small or large multi-disciplined teams (Client, main contractor and design)
- ⇒ Project Management
- ⇒ Program / Portfolio Management
- ⇒ Construction Management
- ⇒ Contracts Management
- ⇒ Commercial Management
- ⇒ Design Management
- ⇒ Feasibility Management
- ⇒ Team Recruitment and Management
- ⇒ Conscientious commitment and dedication to competently and efficiently deliver
- ⇒ Trust

Summary

Specialising in Construction Project Management, including Feasibility, Design, Commercial and Contract Management of civil infrastructure, residential, commercial and mining projects

Drive Projx Pty Ltd:

Established by Sean Sample MIEAust; MEng; BEng (Hons), who provides over 20 years of construction management experience. As demonstrated by Sean's past performance, Drive Projx can successfully project manage the following for government and corporate clients:

- Civil infrastructure: Roads, motorways, bridges, rail, transport interchanges, mining, hydro-power.
- Commercial developments: Mixed use retail.
- Residential: Low and medium density accommodation and remote mine camps.
- Construction delivery: PPP; D&C; EPCM; Construct Only, Deeds.
- Design management: Feasibility; concept; detailed design.

Previous clients and associated projects include:

Government

- Roads and Maritime Services (now Transport for NSW - TfNSW): M4 Smart Motorway (\$600M).
- Sydney Metro / John Holland + CPB: North West Rail Link stations and rail systems (\$3.7B).
- Transport Infrastructure Development Corporation (now TfNSW): Chatswood Transport Interchange / Railway Station (\$170M).
- RMS / Western Sydney Orbital / ALJV: Westlink M7 (\$1.5B).
- Snowy Hydro Ltd: Snowy Hydro 2.0 (\$5B+).
- Department of Aged, Disabled and Health Care (DADHC): Housing Stimulus Package / Nation Jobs Building Program (\$167M).
- Hong Kong KRCR / Necso: TC200+300 Eastrail Extension (\$600M).
- Hong Kong Highways Dept / TKCJV: Ting Kau Bridge viaducts (\$300M).

Corporate

- Rio Tinto: Non-process infrastructure (\$160M).
- BHP Billiton: Non-process infrastructure (\$200M).
- Delta Power: Pumping station + pipeline (\$5M).
- Woolworths: Lane Cove Market Square mixed retail (\$40M).

Roles and responsibilities undertaken include:

Direct Client-Side Representative:

- Principal's Authorised Delegate / Construction Manager / Senior Project Manager: RMS / TfNSW (M4 Smart Motorway).
- Senior Project Manager: Snowy Hydro (Snowy 2.0 Feso).
- Area Manager / Senior Project Engineer: BHP and Riotinto (Pilbara mining infrastructure)
- Deputy Contracts Director: TIDC / TfNSW (Chatswood Station).
- Development Manager: DADHC (Housing Stimulus).

Main Contractor and Design Consultant:

- Principal Project Manager – Design: SMEC (Sydney Metro).
- Engineering Manager / Senior Project Engineer: ALJV (Westlink M7) & Necso (Hong Kong East Rail).
- Section Bridge Engineer: TKVJV (Ting Kau Bridge).

Specified personnel's experience and qualifications:

Sean Sample MIEAust; MEng; BEng(Hons) - Civil:

- 20+ years construction experience within Australia, UK, Hong Kong and Qatar.
- Member of Engineers Australia - MIEAust
- Master and Bachelor of Engineering – Civil Engineering (Hons): Coventry University.

RELEVANT EXPERIENCE – RECENT ENGAGEMENTS

<p>Client: RMS / TfNSW</p> <p>Project: M4 Smart Motorway (M4SM) – Stage 1, 2 and 3 (~\$300M)</p> <p>Engaged: Apr 2018 to Apr 2020</p> <p>Fee: \$650,000</p>	<p>Construction Manager - Roads and Maritime Services (now TfNSW), Easing Sydney's Congestion:</p> <ul style="list-style-type: none"> • Successfully project managed the construction of NSW's first 'Smart Motorway'. This includes significant 'Intelligent Transport Systems' (ITS) and 34kms of civil works upgrade along the live motorway and ramps. • Assist tender process to award works to main contractors for Stage 2 and 3 of the project (Stage 1 awarded prior), using GC21 Contract. • On behalf of the Principal's Authorised Person, engaged as Principal's Authorised Delegate / Construction Manager / Senior Project Manager with full responsibility to deliver the construction of the M4SM within budget and program (this is being achieved). • Recruited and lead Client's team of 30 professionals to actively project and contract manage the main contractors to undertake the 3 GC21 Construct Only contract works. • Established all management, reporting and delivery systems specific to the M4SM project. • Strategic and contract advice and point of escalation for any major construction issues. • Contractual and escalation management of multi-discipline design consultancy. • Overall contract, cost and program management of the construction works. • Ensuring high levels of safety, quality, environmental, interface and consistency across all stages of the projects.
<p>Client: RMS / TfNSW</p> <p>Project: M4 Smart Motorway (M4SM) – Stage 1 (~\$100M)</p> <p>Engaged: Oct 2017 to Apr 2018</p>	<p>Senior Project Manager - Roads and Maritime Services (now TfNSW), Easing Sydney's Congestion:</p> <ul style="list-style-type: none"> • Construction management and resolution of contract issues to allow existing main contractor, for Stage 1, to commence construction works. • Establish delivery process and coordination protocols to expedite working relationship between the Client's site team and main contractor. • Preparation for award of additional 2 construction stages to other main contractors.
<p>Client: Snowy Hydro</p> <p>Project: Snowy 2.0 (\$5B+)</p> <p>Engaged: Feb-Oct 2017</p> <p>Fee: \$180,000</p>	<p>Principal Project Manager - Snowy Hydro Ltd:</p> <ul style="list-style-type: none"> • Project managed local and international design teams to provide the options and feasibility designs for the proposed Snowy Hydro 2.0 scheme. • Managed scoping and then extensive geotechnical drilling investigations within a remote area of Kosciuszko National Park, during harsh weather conditions.
<p>Client: NWRL/JH+CPB</p> <p>Project: Sydney Metro North West Rail Link (\$3.7B)</p> <p>Engaged: Oct 2014 to Feb 2017</p> <p>Fee: \$550,000</p>	<p>Principal Project Manager (Design) – Sydney Metro:</p> <ul style="list-style-type: none"> • Project managed the local and international design team of 150+ civil, structural, track, overhead line and combined services engineers. • Coordinated design with architects, station systems and construction teams to provide full construction designs for the new metro's 8 stations, depot and track. • Established systems and processes (including BIM to LoD 350) to provide fast track designs for the main contractor. • Established and managed systems Engineering Assurance Requirements (using ComplyPro / DOORS), to provide designs to comply with all client's scope performance requirements.
<p>Client: TIDC (TfNSW)</p> <p>Project: Chatswood Station (\$170M)</p> <p>Engaged: November 2005 to May 2008</p> <p>Fee: \$430,000</p>	<p>Deputy Contracts Director – Chatswood Transport Interchange:</p> <ul style="list-style-type: none"> • Managed the contract between Transport Infrastructure Development Corp (TIDC, now TfNSW), developer and D&C contractor for the construction of new railway station and transport interchange. • Coordinated Clients Safety, Enviro, Communications, Planning and Design representatives.

EXPERIENCE

Focus Project, relevant to works, for Transport for NSW

Client: RMS / TfNSW	<u>M4 Smart Motorway, Sydney</u>
Project M4 Smart Motorway (M4SM), Stage 1, 2 and 3 (\$600M)	The M4 Smart Motorway Project (M4SM) includes a 34 kilometre upgrade along the M4. Smart motorways, also known as managed motorways, uses complementary technologies to monitor traffic conditions, manage congestion and respond to incidents in real time. The M4SM introduces a smarter way of travelling using real time information, communication and traffic management tools to provide motorists with a safer, smoother and more reliable journey. The construction works, managed by Sean, includes lengthening and widening the motorway on and off ramps, adding a 4th lane to a 3km length of the motorway, erecting noise walls and retaining walls, replacing the full length of fibre-optic backbone cable and providing extensive network of intelligent traffic systems (40+ full span ISLUS gantries, ramp traffic signals, variable message signs, sensor loops etc).
Position Client Construction Manager	Drive Projx utilises the principles defined by the Project Management Body of Knowledge (PMBOK). The below demonstrates how the PMBOK principles have been used by Sean for the M4SM as the Client's Construction manager, which are directly relevant to the services offered to TfNSW:
Engaged: Oct 2017 to Apr2020	<ul style="list-style-type: none"> • Integration Management: Developed interface matrix for how the 3 separate Stages interacted with each other and with the RMS Precincts, Traffic Management Centre (TMC), utilities and private toll operators. Facilitated ongoing interface workshops during construction. • Scope Management: Engaged and managed Commercial Managers and Senior Project Managers to closely control works being designed and constructed to the defined scope. • Schedule Management: Through the management of the Senior Planner, provided a detailed programming specification to the Contractors to produce detailed cost and resource loaded programs in Primavera P6, that were 'stress tested' each month. Also established the use of 'time-chainage' visual programming. Project forecast to be completed ahead of time. • Cost Management: Managed comprehensive cost management process to control contract price, variations and risk within the defined budget. Project forecast to be completed within budget. • Quality Management: Managed team to inspect all construction works, within a substantial hold and witness point lot conformance process. • Resource Management: Recruited and led a team of 30+ professionals, comprising of Senior Project Managers, Commercial Managers, Project Managers, Project Engineers, Surveillance Officers, and support staff. Managed all HR related issues. • Communications Management: Extensive pre-planning and liaison undertaken with TMC, RMS Precincts, emergency authorities, Over-size-over-mass transportation, local and broader communities to construct the works and regularly close sections of the live M4 motorway to erect ISLUS gantry beams, up to 54m in length. • Risk Management: Using RMS's 'Risk Analyser', 'Bow-Tie' and 'Protecht' processes, defined the project risks and associated cost contingency allocation. Ensured the construction and cost risk registers, and draw down on contingency, was assessed and managed each month. Established Client site safety risk systems. • Procurement Management: Assisted with the tender and award of GC21 Construct Only contracts. Tendered for and engaged the Clients team, consisting of mainly Professional Services Contractors. • Stakeholder Management: Worked with the team to liaise with the North West and South East Precincts and Motorway's RMS divisions, Transport Management Centre, Western Sydney Orbital, councils, authorities, emergency services and local residents, to allow construction of the 34kms of motorways.
Total Fee: \$650,000 +\$150,000	

Project Profile Pictures

➤ M4 Smart Motorway



Client's Construction Manager



➤ NWRL Sydney Metro (Sydney)



Designer's Principal Project Manager



➤ Chatswood Station (Sydney)



➤ M7 Western Sydney Orbital (Sydney)



Contractor's SPE / Eng Manager



➤ East Rail (Hong)



➤ Ting Kau Viaducts (Hong Kong)



Contractor's Section Engineer

