

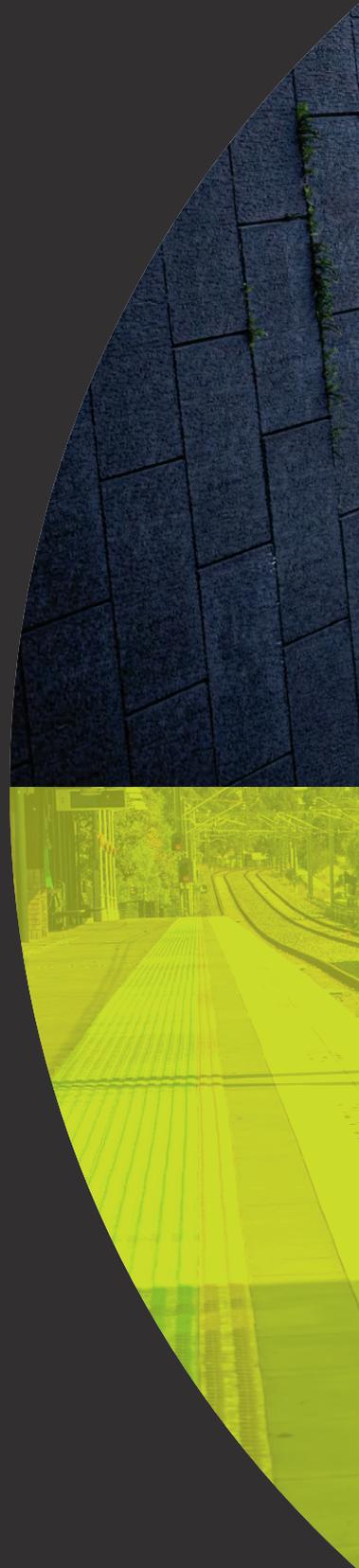
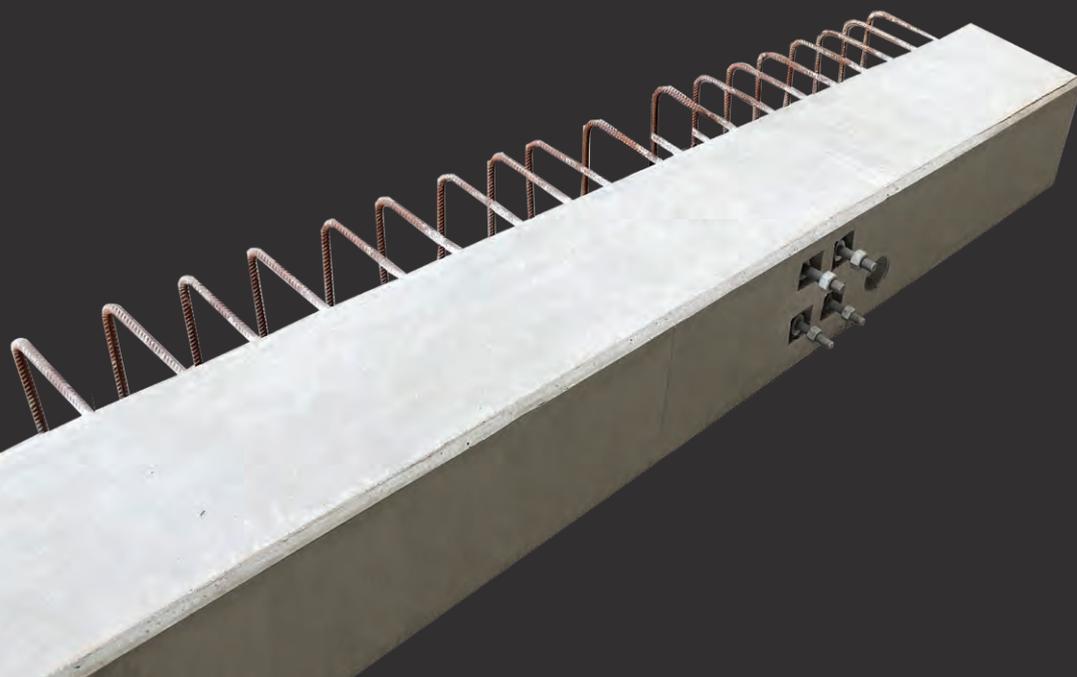


Capability Statement



Pioneering precast, partnering success

Commencing business in 2018, Ozcast have quickly become a leading authority in the production of precast concrete parapets for large-scale infrastructure projects. As we continue to showcase our work on some of Sydney's iconic projects currently under construction, we've gained a reputation for providing a consistently high-quality product, often with specific design requirements and tight timelines for delivery.





The Ozcast difference

Our experience has shown that when we work together with clients during the design phase, we're able to ensure precast elements are best for project, especially when an insitu design requires changing to a precast alternative. This solution-focused approach allows us to develop a more accurate timeline for mould production, casting, and material delivery, resulting in a value for money solution with greater production and installation efficiencies.

3D Modelling

A key benefit to our clients is our use of 3D modelling as standard. The ability to visualise steel placement within the parapet prior to production allows clash detection, so that necessary changes can be undertaken as part of the design phase to avoid delays during installation. This time saving initiative has seen installation times halve on some projects, resulting in time and budget savings.





Quality moulds

Ozcast's performance can be directly attributed to the high quality of our moulds. For each project, we tailor your solution and design robust steel moulds which are then made from materials from proven national and international steel suppliers. This investment in quality moulds has the following benefits:

- They retain accuracy over the duration of production, so the last cast is as good as the first.
- Once set in place, production quality isn't reliant on the resource experience on the factory floor.
- Overall production labour time is reduced, providing cost benefits to the project.

Who we work with



DRAGADOS



JOHN
HOLLAND



WestConnex



CITY OF SYDNEY 



Precision in every precast solution

What we offer

Along with our expertise in precast concrete parapets, Ozcast can manufacture and supply a variety of precast elements for your project including:

Products

- Tilt up panels
- Retaining walls
- Panels/structures
- Noise walls
- Structural panels
- Crash barriers
- Arches

Finishes

- Plain off-form
- Photo engraved concrete
- Exposed aggregate
- Textured concrete
- Architectural formliners
- Brick/stone finish
- Custom finish
- Coloured concrete



How we work

With a focus on exceeding customer expectations from both a service and quality perspective, it's been important that we develop a methodology that allows Ozcast to deliver consistently. When you engage us for your next project, you can be guaranteed that we will:

Ensure your moulds are designed with highest accuracy and produced with the highest quality to reduce onsite misalignments. On arrival at our factory, they are inspected, cleaned and prepared ready for production.

Print 3D drawings at 1:1 scale of each steel bar design required for production. These drawings are then forwarded to the steel supplier to allow a quality check that the steel is bent to the correct shape.

Test that all elements of the parapet, including cage and steel, are aligned within the mould and cast a quality sample.

Observe the production of each cast closely, checking for anomalies that may cause delays.

Deliver to site using experienced transport professionals to ensure a safe and effective delivery without damage to the load.

We welcome opportunities for clients to view our quality process.



Concrete Achievement in Infrastructure



SYDNEY METRO UPGRADES

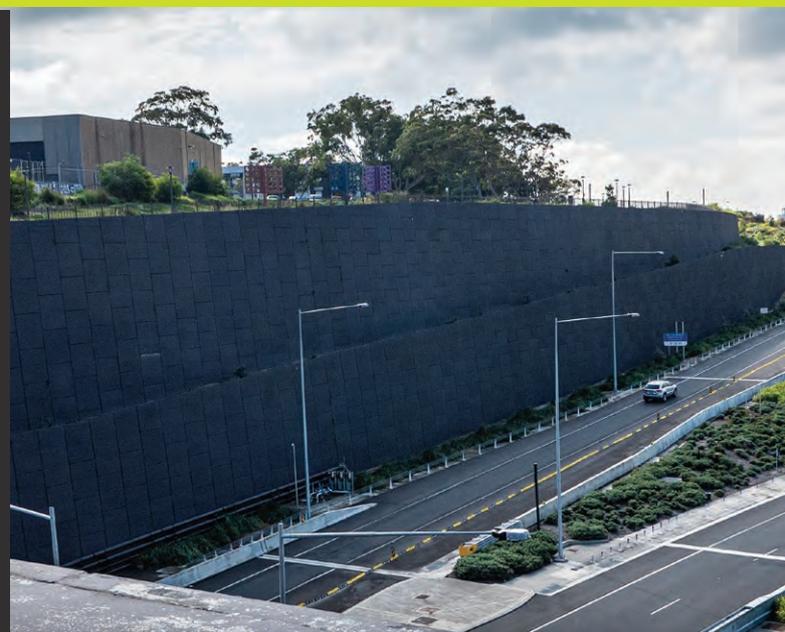
Transfloor and precast slabs, precast stairs, culverts and footings

This project required 6 stations to be upgraded to allow for the future Sydney Metro trains, as well as meet the specifications for accessibility. While each station required the same products, installation was under live rail with strict timings provided for shutdowns. All precast products needed to be delivered to site during the week, and all patching work required prior to installation, as there was no opportunity once the line opened again.

SYDNEY INTERNATIONAL SPEEDWAY

Precast seating, steps, plats and traffic barriers

This project for Abergeldie Contractors was heavily influenced by the need to have the new Sydney Speedway open and operational in order to begin work on the Sydney Metro line. When the State Government announced the opening date, it was pedal to the metal to achieve ambitious production goals. Without the time available to prepare steel moulds, conventional formwork was used. And while Ozcast maintained their quality of materials from start to finish, it was a labour intensive effort.



ST PETERS INTERCHANGE **Transfloor precast parapets and fascia panels**

Ozcast provided materials to two different clients as part of the project. The supply of 106 parapets was complicated when the design was changed from insitu to precast due to installation occurring over live roads. This required an increase in production in a short amount of time. Over 2000 panels with an architectural finish were required to complete the retaining walls that were still under design, while installation was still occurring. This provided the challenge of keeping up supply for highly experienced installers.

BERRY TO BOMADERRY BYPASS **Precast panels, transfloor slabs and anti-graffiti treatment**

Engaged by Seymour Whyte in 2019, this project required Ozcast to produce a high-quality aesthetic covering for a shotcrete wall. The original design called for 209 patterned silver fascia panels, designed with minor adjustments to make each one unique. Casting in batches of three, Ozcast played with production tolerances, which allowed enough variation in the panel design to reduce production from 200 individual panels to 60 different types, saving time and budget. Ozcast also undertook inhouse testing to find a suitable anti-graffiti product that was effective, while not detracting from the overall finish of the panels.

Leadership in Precast, Legacy in Construction

"Ozcast's mission is to lead the development of precast parapets in Australia. This includes committing to providing durable, low-maintenance products that meet the sustainability requirements of the future.

As an organisation, we continue to research the best options for composition, manufacture and delivery, so that our parapet solutions advance the industry, by minimising our environmental footprint as much as possible.

We look forward to working with clients in the future to achieve these goals."

Barry Lindsay B.Eng(Hons) B.Eng(Tech)

Precast Manager - Ozcast



"The Ozcast management team have demonstrated excellent expertise and efficiency. The team have managed multiple challenges (ie. design change, variations, program updates) consistently at high quality and I would highly recommend Ozcast as a professional precast unit manufacturer."

Abraham Hong, Senior Project Manager - Seymour White

"Barry is incredibly professional and organised, which made the project successful. Ozcast has a dedicated team to deliver good quality products on time."

Julie Leonardi, Project Manager - Abergeldie Complex Infrastructure





Contact Details

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