

Capability Statement

2024

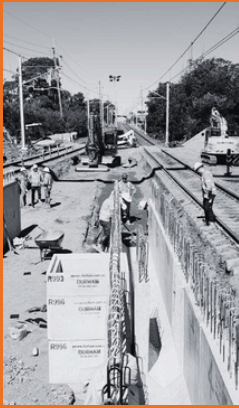
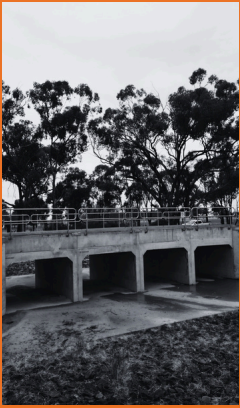


BUILDING

BETTER

INFRASTRUCTURE

 **MODCAST**



“Precast Concrete Solutions for Civil Infrastructure.”

Modcast partners with contractors to deliver better infrastructure.

Better means **less risk and better value.**

Modcast Values

The Modcast values define who we are, how we work; and what to expect when working with our team.



Safety First - Do it the right way, every day.



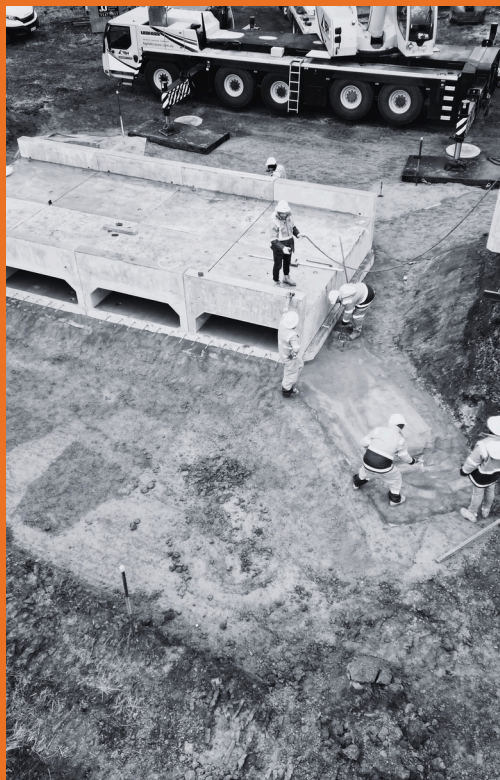
Can Do - Come with a solution and challenge the status quo.



Fearless Energy - Keep on when the goings tough, work as a team and next, next, next.



Enduring Relationships - Show respect, have fun and build relationships.



Contractors turn to **Modcast** when:

- Frustrated by compliance issues causing delays with closeout.
- Lacking confidence in precast delivery to maintain their critical path.
- Worried about long lead times on custom elements.
- Seeking value engineering to reduce risk, cost, and schedule.
- Under pressure to meet sustainability targets.

3C PRECAST SYSTEM

By leveraging the innovative 3C System, contractors complete complex projects faster with less risk.



COMPLIANCE

Quality Management

At Modcast we understand that quality defects and documentation delays can frustrate approvals, delivery and project close out.

The Modcast Quality Management system provides a streamlined documentation and approval flow to comply with Australian Standards, main roads, rail authorities and custom specifications.

“

OUR TEAM IS FOCUSED ON
MAKING COMPLIANCE
EASY.

”

Modcast provides quality assured products to TFNSW B80 and DOT / Vic Roads specifications.



CRITICAL PATH

Project Management

We understand the impact of delivery delays on your critical path.

By gaining a deep understanding of your project program and requirements, the Modcast project managers will adapt to fit your program, not force you into ours. Clear and consistent communications backed by regular scheduled meetings, ensures your team is kept up to date.

Logistics

The Modcast logistics team provide a tailored delivery solution for the most complex programs. Services include 'off the truck installation', out of hours, load certification and oversize. Our logistics team provide a single contact to coordinate deliveries.

CUSTOM

Design

We leverage internal expertise along with a panel of experienced consulting engineers to provide optimized designs for infrastructure projects. Engage with our team early to value engineer your project by reviewing cost, program, installation and manufacturability risks.

The Modcast engineering partners include prequalified proof engineers for critical structural elements.

Mould Fabrication

The Modcast in-house mould facility provides ultra-fast and cost-effective moulds for custom applications.

“

**FAST RESPONSE TO
CUSTOM REQUIREMENTS**

”

**Modcast services projects
across VIC, NSW, ACT and SA.**

**Modcast can also manufacture to
client designs.**

PRECAST SOLUTIONS

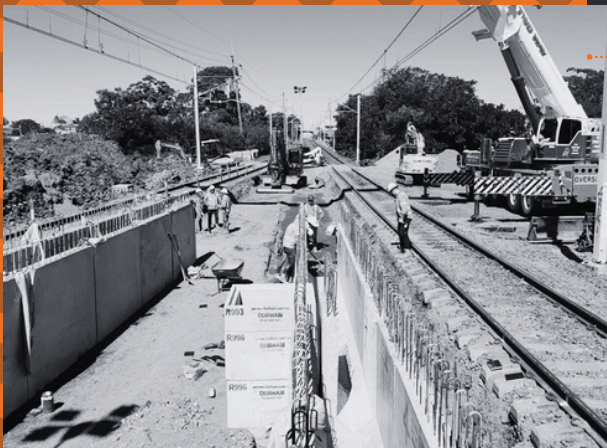
Modcast provides civil infrastructure contractors with a complete design, manufacture and delivery solution for custom precast elements.



CULVERTS

The Modcast Box Culvert System provides structural elements for drainage, underpass, service routes, and many other applications.

- From 300 to 4200mm Spans
- Main Road Specifications
- Custom Load & Fill Design
- Precast Bases and Wing Walls



RAIL

At Modcast we understand the critical success factor of rail structures – on time delivery. Our team provides a specialist design, manufacture and delivery service to meet your occupation deadlines. Solutions include:

- 300LA and custom load design
- Full Precast Solutions – bases and wing walls.
- RCBC Box Culverts
- Battle Decks & Headstocks
- Stormwater Pits
- PSC Planks
- U Platform Structures
- Coping Stones



RETAINING

Retaining wall structures are used to provide temporary and permanent restraint of soil around civil infrastructure projects. We leverage our internal design capabilities or use client designs to manufacture:

- L Walls
- RCBC Wing Walls
- Retaining Panels / Sleepers



BRIDGE

Precast bridge elements provide a fast and cost-effective solution for all types of road, rail and pedestrian access over waterways and other structures. At Modcast we provide manufacturing solutions for Prestressed Planks – rectangular beams used to construct small bridges up to 20m spans.



TEMPORARY WORKS

Modcast provides a turnkey solution for precast temporary works elements on complex infrastructure projects including tunnelling and large bridges. Our temporary works range includes:

- L Wall Retaining Structures
- Spoil Bunkers
- Kelly Blocks
- Tunnel Segment Cradles
- Barriers



CUSTOM

By utilizing our comprehensive design and inhouse mould fabrication capabilities, Modcast can provide fast, cost-effective solutions for custom precast elements.

The Modcast Precast Base system provides a faster install for time critical and remote projects.



SUSTAINABILITY

As communities look to preserve our precious environment, contractors are under pressure to increase the sustainability of infrastructure projects including materials utilized during construction.

As part of our commitment to sustainability, Modcast has developed a range of sustainable concrete mix designs.



SAFETY

The Modcast team is committed to providing a safe environment for all our stakeholders. The following measures are implemented to enhance safety across our projects:

- Comprehensive safety systems.
- Regular staff training.
- Certified HVNL Plan.
- Safety by Design initiatives in element design.
- Lift anchor design and certification.



FACILITIES / CAPACITY

Modcast operates a dedicated precast facility in North Wangaratta Victoria. Our facilities include:

- Over 24,000 m2 of manufacturing and storage space.
- 50+ RCBC Box Culvert Moulds
- Prestress Plank Mould
- Steam Curing Equipment
- Reinforcing Fabrication
- Mould Fabrication Workshop
- Lifting Equipment

“

**WE WELCOME VISITORS
AND SITE INSPECTIONS.**

”

CONTACT



Head Office: 3 Buckler Road,
North Wangaratta VIC 3678



Phone: 1800 940 385



Email: sales@modcast.com.au



Web: www.modcast.com.au

