

DESIGNED WITH PROVEN PERFORMANCE

Plate Structures are a versatile and economical solution for bridges and culverts.

Fully engineered, buried metal structures have been in service worldwide for more than 50 years, with a designed durability of 100 years. These structures offer a combination of high live and dead loads, and are well suited for deep cover applications. Construction projects can be fast-tracked, as the relatively lightweight plates are easy to transport and assemble. Reduces both maintenance and life cycle costs, as there are no bridge deck or joints at the deck/roadway interface. Available in standard profiles, or custom made to suit your project.

Applications

- Buried bridges
- Grade separations,
- Road or rail underpasses,
- Waterway crossings,
- Rockfall protection
- Culvert relines,
- Stockpile or escape tunnels,
- Portals, canopies,
- Bridge replacements,
- Rail tunnels,
- Pedestrian/Cattle underpasses,



Features & Benefits

- Buried bridges
- Spans from 3.0m to 30.0m
- Profiles – Round pipe, Standard Arch, Low or High Profile Arches
- 100-year design life
- Environmentally friendly arches (streambed undisturbed)
- Lightweight lifting requirements
- Quick & low installation cost
- Reduced maintenance cost (no bridge joints)
- Can reline old, damaged structures
- Designed & manufactured to AS/NZS2041.1
- Includes PS1 & PS2 producer statements