

CASE STUDY



WESTERN CULVERTS REPLACEMENT

Location: Various locations around Roma & Charleville

Client: Queensland Rail

Duration: 2 months

DESCRIPTION

Joe Wagner Group were appointed to undertake the replacement of culverts ranging from single-celled to eight-celled culverts over eight sites.

Works included:

- Removal of railway track
- Demolition of existing, damaged culverts
- Excavation of site in preparation for new culverts
- Laying of geofabric where necessary
- Positioning new prefabricated culverts
- Placement of concrete headwalls
- Backfilling and replacing the railway track

This project required compliance with Queensland Rail's (QR) safety systems including working within the rail corridor, and had strict deadlines due to QR shutdown conditions. Shutdowns ranged from 48 to 72 hours in duration. In order to avoid environmental contamination, all excavated material had to be spread onsite rather than being transported off-site.

The Joe Wagner Group crew built excellent relationships with the Queensland Rail supervising engineers, and the project was completed on time and on budget, with no LTIs.

