



# Radar St Extension Lytton



Civcorp has completed many projects at the Port of Brisbane and completed the first 350m of Radar St in 2013. The Radar St Extension project expanded the street to 1km in length allowing more land to be released.

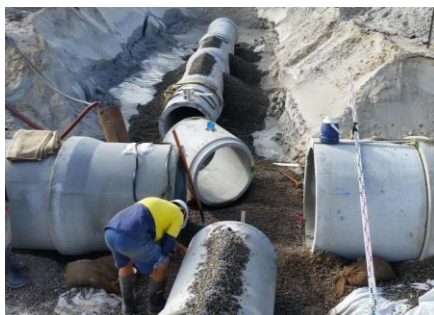
Civcorp conducted all earthworks and site preparation. The site was on low lying reclaimed land with a high water table, thus dewatering systems were required when laying stormwater pipe.

Stormwater chambers up to 3m across were built to accommodate large 1.8m diameter concrete pipes. Some of these chambers required custom roof design to integrate with above pavements.

Water and sewer services were also constructed in the road corridor. As the sewer was vacuum pumped, a custom pressure release and knife gate valve arrangement was installed.

High voltage, low voltage and communications conduits were also laid in the road corridor pre-empting the services required by future developments.

Although the site experienced high levels of rainfall resulting in a high localised water table, Civcorp completed the project within 5 months. In all, a high quality industrial road was constructed according to POB and BCC standards.



## Project Data Sheet

**Client:**  
PPQ (Port of Brisbane)

**Project Location:**  
Radar St, Lytton

**Contract Value:**  
\$2.2million

**Year completed:**  
2018

**Scope:**  
Bulk Earthworks  
Dewatering  
Stormwater  
Sewer  
Water  
Electrical conduits  
Subgrade  
Roadbase  
Asphalt

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