



ASMTI FACILITIES PROJECT SHOALWATER BAY TRAINING AREA CIVIL WORKS - STAGE 14 UOLF WESTERN CIVILS & STAGE 3 ACCESS ROADS

Location

Ogmore, Shoalwater Bay QLD

Client

Laing O'Rourke Aust Const P/L

Commencement Date

February 2021

Completion Date

November 2021

Contract Value

\$11.4M



Overview

WSU Civil were contracted by Laing O'Rourke to undertake the civil works on the ASMTI SWBTA Stage 3 Access Road and Stage 14 Urban Operation Live Firing (UOLF) Training Area.

The scope undertaken on Stage 3 included, site clearing, bulk earthworks and pavements including quarrying, stormwater drainage, landscaping concrete floodways and road furniture. Stage 14 UOLF area included bulk earthworks, pavements, subsoil drainage, open channel drains, stormwater, communication & electrical infrastructure, bio retention basins, building pads and chip seal car park.

Scope of Works

- Bulk earthworks activities:
 - Cut to stockpile (topsoil for reuse) = 13,079m³
 - Cut to fill = 7,215m³
 - Bulk fill generated from material from onsite quarry = 32,384m³
- 3 x Stormwater culvert crossings including 9/1200x600 RCBC, 2/900x600 RCBC and 1/600x600 RCBC
- 868m of subsoil drain
- 194m of 300mm dia stormwater pipe
- 4.5km (20,821m³) of unsealed pavement consisting of 2 pavement layers imported from the onsite quarry managed by WSU Civil
- Unsealed pavement ring roads to the urban operation and live fire training facility (4,544m³)
- Chip seal carpark 1,481m²

Achievements

WSU Civil successfully managed the bio-security risk of the local area and site through the implementation of a series of controls including daily weed inspections to identify any potential risks, removal of any weeds identified during the inspection along with ensuring all plant and equipment entering and exiting the project were suitably cleaned and declared as weed & seed free.

WSU Civil worked closely with Laing O'Rourke and our quarry subcontractor to produce a road base pavement material that satisfied the stringent specification and was fit for purpose.

