



Alica Vogler
Design Technician
Tipepec Pty Ltd

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Qualifications

ADEng (Civil)

Cert 3 in Drafting

Software Capability

AutoCAD

AutoTURN

QGIS

12d Model

12d Synergy

Microstation

Summary of Experience

Alica has an Associate degree in Civil/Structural Engineering with 13 years' experience in using AutoCAD, MicroStation and Revit and recently started using 12D for road design. Alica has experience in drafting, preparation of design documentation, coordinating the drafting and design and preparation of construction estimates and bill of quantities.

Key Skills include:

- Planning and Design of Urban and Rural Infrastructure
- Proficient skills in the use of AutoCAD for the development of conceptual and detailed design drawings
- Intermediate skills in the use of 12D for the design of bulk earthworks and roadworks.
- Preparation of bill of quantities and construction estimates.

PLANNING AND DESIGN OF ROAD INFRASTRUCTURE PROJECTS

Key projects include:

Links Corridor at Tavistock Street, Honiton Street, King Street, Chapel Road, Dayman Street, Taylor Street and Miller Street Hervey Bay – Conceptual design of various intersection and crossing treatments, including raised priority crossings and pedestrian refuge and the detailed design of the preferred option at each location, which included five wombat crossings and a pedestrian refuge crossing. Including the footpath geometry, crossing facility design, kerb realignment, stormwater design, bill of quantities, estimate of cost and documentation. Alica undertook the preparation of base plans, 12d design, drafting tasks and the preparation of the bill of quantities and cost estimate for this project.

Old Maryborough Road, Pialba – Conceptual planning and design for an east-west connection from Maryborough-Hervey Bay Road to Pialba CBD, including traffic assessment, vertical and horizontal alignment for urban traffic and controlled distributor roads, signalised intersection, pedestrian crossing facilities, parking facilities, on-street cycle facilities, land resumption layout, bill of quantities, and estimate of cost. Alica undertook the preparation of base plans and drafting tasks for this project.

Tooth Street at Martin Street, Mayfair Street, Halcro Street, Hythe Street and Greenway Drive, Hervey Bay – Detailed design of five wombat crossings at Tooth Street side streets. Alica undertook the preparation of base plans, drafting tasks and preparation of the bill of quantities and cost estimate for this project.

Russell Street Refuge – Conceptual and detailed design of a pedestrian refuge and road widening at Russell Street in the vicinity of the Alice Street intersection. Alica undertook the preparation of base plans and drafting tasks.