



## Zidong Wang

### Civil and Transport Engineer

#### Education

Bachelor of Engineering (Honours) (Civil & Architectural), 2019  
University of Adelaide

#### Professional Affiliations

Engineers Australia (GradIEAust)

#### Key Skills / Qualifications

Accredited Road Safety Auditor

Proficient with AutoCAD & Autodesk Inventor

Modelling wastewater systems using AutoCAD and 12d software

MS Office Suite

#### Responsibilities and Experience

Zidong is an experienced engineer with a passion for working in the transport and traffic engineering industry. He has experience with the preparation of traffic engineering reports such as traffic impact assessments, speed limit reviews, community wastewater management systems and feasibility studies for road and junction upgrades.

As a traffic engineer his main duties include:

- National heavy vehicle regulator permit assessments;
- Site inspection and survey;
- CWMS design and drafting;
- Intersection concept designs;
- Blackspot assessments and concept designs;
- Road Safety Audits;
- Traffic survey;
- Progress reports;
- Data collection and entry;
- CWMS design and drafting;
- Analysing road and signage.

Projects that Zidong has been heavily involved with include:

- Concept Design – upgrades to high risk intersections along key freight routes;
- Asset Revaluation – Southern Mallee District Council;
- Road Safety Audit – Goodwood Road / Springbank Road / Daws Road post opening audit;
- CWMS design and drafting using AutoCAD and 12d software – Goroke Sewerage Scheme;
- Modelling and optimisation of accessibility – (Honours Project, University of Adelaide)

#### Employment Summary

March 2022 to Present – Civil and Transport Engineer – HDS Australia Pty Ltd

November 2019 to February 2022 – Graduate Engineer – HDS Australia Pty Ltd

November 2018 to March 2019 – Student Traffic Engineer – Traffic & Civil Services, Launceston

