

# GHA Engineers – Company Portfolio

## About Us

GHA Engineers is a multidisciplinary engineering consultancy delivering practical, innovative, and sustainable solutions across civil, structural, and infrastructure projects. We work closely with councils, developers, and contractors to deliver high-quality outcomes from concept through to construction.

## Our Services

### ***Civil Engineering Design***

- Road and pavement design
- Kerb and channel, intersections, and shared paths
- Subdivision and urban infrastructure design
- Constructability and design optimisation

### ***Drainage & Flood Management***

- Stormwater design and drainage systems
- Flood modelling and mitigation strategies
- Drainage upgrades and asset integration
- Water-sensitive urban design (WSUD)

### ***Road Safety & Traffic Engineering***

- Road Safety Audits (all stages)
- Traffic management design support
- Intersection safety improvements
- Compliance with Austroads and VicRoads standards

### ***Sustainable Engineering Solutions***

- Permeable pavement systems
- Stormwater infiltration solutions
- Solar lighting and energy-efficient infrastructure
- Environmentally responsive design

### ***Structural Engineering Design***

- Structural design and analysis
- Retaining walls and minor structures
- Load assessment and asset upgrades

- Design verification and certification

### ***Geotechnical Engineering***

- Site investigations and ground assessments
- Soil classification and bearing analysis
- Pavement design inputs
- Risk assessment for construction

### ***Engineering Advisory & Consulting***

- Feasibility studies and concept design
- Design review and value engineering
- Tender support and advice
- Project coordination

## **Our Approach**

- Practical and buildable solutions
- Cost-effective delivery
- Compliance with Australian standards
- Strong stakeholder collaboration
- Understanding of council requirements

## **Why Choose GHA Engineers**

- Proven experience in council works
- Strong constructability focus
- Flexible and responsive
- Integrated solutions

## **Our Vision**

To deliver innovative, sustainable engineering solutions that enhance community infrastructure, improve safety, and provide long-term value.

*'Delivering practical engineering solutions for safer, smarter, and more sustainable communities.'*