

ROAD PAVEMENT INVESTIGATION AND DESIGN

“We provide affordable pavement investigations, and proven design solutions”



Our experienced and highly qualified geotechnical engineers specialise in conventional and innovative road pavement solutions that meet local and Australian standards.

Our engineering team includes experienced PhD and Masters graduates and we maintain regular contact and collaborate on research with leading academics and contractors. This helps us save you construction time and costs because we are providing you with the latest proven material and construction techniques.

Experience, local knowledge, combined with a practical approach and sound engineering judgment are fundamental to both the rehabilitation of existing pavements and the design and construction of new pavements.

We have successfully completed numerous projects around Victoria and Queensland for Councils, civil engineers and developers.

GEOTESTA provides a wide range of pavement investigation and design solutions including:

- **Site investigation, testing and sampling** to investigate subgrade conditions, or the condition and construction of existing pavements

- **Benkelman Beam testing and Falling Weight Deflectometer testing**
- **Residential road – Industrial hard stand area – highway and freeway**
- **Pavement designs**, granular, bound or concrete pavements
- **Detailed pavement design options** using CIRCLY
- Development of **construction drawings and specifications**
- Development of **subgrade improvement options**
- **Residual life estimation and rehabilitation options** for existing pavements
- **Assessment of suitable pavement options** and their comparative costing
- Provision of **subsurface drainage** requirements
- Road pavement and construction **supervision**

Other services:

- ✓ In-house NATA accredited geotechnical laboratory
- ✓ Pavement monitoring - supply and install of geotechnical and structural sensors, loggers and data analysis
- ✓ Level 1 earthworks testing

Servicing

- Residential
- Industrial hard stand
- Highway and freeways
- Runways
- Mine haul roads
- Piling platforms
- Bridges



Contact us today on:

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