

TRANSFORMING THE COMMUNITIES WE LIVE IN



BE ENGINEERING SOLUTIONS PTY LTD

Adelaide | Brisbane

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BE ENGINEERING SOLUTIONS

Together we are

✓
Problem Solvers
✓
Results Driven

✓
Creative
✓
Value-Adding

✓
Innovative
✓
The Winning Team

Be Engineering
Solutions

OUR ETHOS

"I consider innovation to be like magic. It brings out excitement, curiosity, surprise and joy. Innovation is the driving force that differentiates the leaders from the followers. At BEES, we are passionate about offering innovative solutions and services, not only to meet our client's needs, but to exceed them."

Bill Zhang
Managing Director

To build long-term collaborative client relationships that deliver innovative, commercial and sustainable solutions to enhance community outcomes.

PARTNERING TO DELIVER SUCCESSFUL PROJECT OUTCOMES

Virtual Reality VR@BE

Creating immersive, interactive and breathtaking experiences through our unique state of the art virtual reality modelling software.

Road Safety

Providing peace of mind solutions that ensure community safety, innovative and cost-effective outcomes.

Traffic Engineering

Reducing congestion, enhancing flow and identifying opportunities that deliver smart design practices by analysing the root cause of traffic issues.

Transport Planning

Delivering reliable and high-quality transport planning studies using multi-criteria safe system assessments.

Community Engagement

Ensuring project outcomes and stakeholder engagement, by taking your complex design and having the conversation with the community.

Civil Engineering

Developing advanced and innovative engineering solutions utilising our technical skills and experience.

Traffic Modelling

Providing intersection and network modelling that assesses proposed network improvements with existing conditions.

Asset Management

Providing life-cycle asset management from conception to renewal or disposal.

Project Management

Realising maximum benefits by delivering your projects on time, on scope and on budget.

Placemaking and Economic Growth

Helping you to design concepts that grow your community and create places where people want to be and solutions to drive retail and economic growth, using place activation, landscape design and economic growth.

Your vision and our solutions can transform the communities and the environment we live in.



VIRTUAL REALITY VR@BE

VR@BE is a unique, innovative and interactive 3D virtual reality tool that develops your design into reality. It transforms streetscapes, roads and public spaces into amazing visuals and immerses you and stakeholders into your design.

This technology is ideal for:

- Connecting your projects with tangible community outcomes
- Engaging stakeholders and community
- Delivering on political, financial and community expectations
- Pitching for project funding
- Supporting political funding announcements

We will support you to deliver innovative outcomes that meet your needs whilst achieving enhanced community outcomes.



VIRTUAL REALITY VR@BE

More than ever, civil construction and road upgrades are expected to deliver more outcomes than just a technical upgrade.

Funding for civil roads projects is often linked with State and Council public announcements. Through VR@BE's capability, we will help you start the business and community conversations.

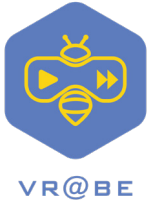
Project outcomes will often include activating areas or using road networks as a catalyst to stimulate economic activity within a precinct. With our expertise in place-activation, landscape design and economic growth we can work with you to connect your designs with the community.

VR@BE visually shows this in a way that anyone in the community can see what is proposed.

From a technical aspect, it enables your design team to look at the detailed design elements to:

- Undertake measurements
- Analyse changing road conditions
- View landscaping options, including tree coverage, lighting and shadowing.

This allows your engineers to enhance the design based on simulated changing conditions that can only be replicated using **VR@BE**.



Our Clients Include:

- Vine Plaza Concept - City of Prospect
- Semaphore Road - City of Port Adelaide Enfield
- Prospect Road Upgrade - City of Port Adelaide Enfield
- Strathalbyn Racing Club Master Plan
- Eighteenth Street - Town of Gawler
- Dorene Street Streetscape - City of Mitcham
- Old Belair Road / James Road Roundabout - Department for Infrastructure and Transport



Hi team Be-engsolutions,

Thank you for the great job ensuring we had an animation in time for Friday morning's Premier announcement.

Thanks again for your efforts.

Tatiana
Engagement Officer Major Projects
Department for Infrastructure and Transport

HOW WE CAN HELP YOU

Road Safety

Providing peace of mind solutions to local Councils and Government departments, that ensure community safety, innovative and cost-effective outcomes through:

- Road safety audits
- Safe system assessments
- Road safety engineering
- Speed limit reviews

Traffic Engineering

Reducing congestion, enhancing flow and identify opportunities to deliver smart design practices by analysing the root cause of traffic issues.

- School road safety assessment and improvements
- Traffic impact statements
- In-house engineering consultancy services to local councils

Help you to identify opportunities to enhance connectivity, generate place activation and economic outcomes using traffic engineering as the catalyst.

Transport Planning

Applying a safe system approach by strategically considering all impacting factors to deliver reliable and high-quality transport planning studies.

Our concepts create the connection between design and community interface, ensuring the end user benefits from the plans and strategies.

- Master planning projects for BHP
- Department for Infrastructure and Transport
- Road corridor planning and improvement projects
- Economic analysis and benefit report

Community Engagement

Ensuring project outcomes and stakeholder engagement, we can take your complex design and have the conversation with the community.

Civil Engineering

Developing advanced and innovative engineering solutions. By ensuring ease of constructability, and delivering affordable, accurate conceptual and detailed designs.

- Independent design management and road design reviews
- Landscape design
- Stormwater and drainage design

Traffic Modelling

Reducing congestion, improving safety and flow of traffic by using intersection capacity analysis, micro and mesoscopic network modelling of existing and forecast data to assesses proposed network improvements.

Asset Management

Providing life-cycle asset management from conception to renewal or disposal.

Project Management

Realising maximum benefits by delivering your projects on time, on scope and on budget. Applying our skills in

- Establishing strong project management and governance framework
- Effective communication with our clients, stakeholders and community
- Team collaboration to ensure efficient and successfully project delivery

Placemaking and Economic Growth

More than ever, civil construction and road upgrades are expected to deliver more outcomes than just a technical upgrade.

Project outcomes will often include activating areas or using road networks as a catalyst to stimulate economic activity within a precinct.

With expertise in place activation, landscape design and economic growth, we can help you to design concepts that grow your community and create places where people want to be and solutions to drive retail and economic growth.

Masterplan & Landscape Architecture

Our master planning and landscape architecture are the tools that take your engineering solutions to transforming them into community spaces. Our dedicated team can look at spaces and identify ways to activate them through greening, art and integration of traffic, cycling and pedestrian movements.

Grant Funding Applications

With expertise in securing grant funding from a range of sources, the team will support you with funding applications through to technical designs and visual concepts including our VR@BE.

MEET OUR TEAM



WEBSITE



YOUTUBE

Your vision and our solutions can transform the communities and the environment we live in.