

# Traffic and Transport Facility Design

**Bitzios Consulting** has levered off its traffic engineering and transport planning skills to develop skills in traffic and transport facility design. We have staff experienced in CAD and 12D for road and intersection design.

We have designed signalised intersections, road widening plans, roundabout and priority intersection upgrades and bus stops with the majority of our experience being in bikeway and bikeway

facility design (both on road and off road). We also prepare concept-level cost estimates to support business cases and for allocating budgets for future design and construction projects.

We also have accreditation for the preparation of Traffic Management Plans (TMPs) and Traffic Control Plans (TCPs) and have completed hundreds of these for development projects and road upgrade projects.

## Selected projects include:

- Carrara Sports and Leisure Centre - design of Traffic Guidance Schemes
- Design of CHL and indented Bus-bay concept design for Neilsens Road Service Station, Gold Coast
- Bulli School - Detailed (12d) design driveway pickup area
- Surry Hills Parking Study - Concept design of parking schemes
- Central Queensland Cycling Options Analysis - Concept Design of cycle-ways
- Traffic Management Plans for various developments that affect the fronting road
- Wentworthville Town Centre Strategy - Concept design of bypass options
- Ruby Stage 3 Surfers Paradise - Detailed Concept Design of signalized intersection
- Coomera Waters Revised Parking Study- detailed design of carpark layout
- 248 Ferry Road Service Station TIA- detailed design of indented bus bay
- Townsville CBD - Traffic Signal Design
- Macquarie Park (NSW) - Khartoum/Waterloo Signals Design
- Eastwood (NSW) - Balaclava / Agincourt Signal Design
- Airport Road Injune - Concept Design
- Kings Forest Service Station Concept Design
- Kings Forest Intersection Concept Design
- Cronulla Town Centre Bypass - AutoCAD Design
- Smith Street Signage Audit and Signage Design
- Eltham Street TMOP – potential parking arrangements concept
- Sydney Light Rail Early works TMPs and TCPs
- Batemans Bay Marina TMP
- Northshore Hamilton - signalized intersections design
- North Sydney Cycle-way Route 2 design
- Mowbray Road West bicycle facility design
- Raglan Street, Manly TMP
- Westmead Hospital Access Design
- Ripley Road Main Street signalised intersection design
- Circular Quay Port Expansion TMP
- King Street cycle-way design
- Central Queensland cycle-way design options
- West Dapto Road - intersection and guard rail design
- Pommer Street (Ipswich) - LATM scheme design and estimate
- Shaw Park recreational facility upgrade - car park design and estimate
- Rutherford Road (NSW) upgrade concept design



## Other services include:

- ◆ Simulation modelling
- ◆ Strategic and mesoscopic modelling
- ◆ Management and review services
- ◆ Public transport studies
- ◆ Parking studies and assessments
- ◆ Road safety studies
- ◆ Traffic and transport studies
- ◆ Traffic and transport impact assessments
- ◆ Active transport studies



For further information please visit our website:

[www.bitziosconsulting.com.au](http://www.bitziosconsulting.com.au)

or email us at:

[admin@bitziosconsulting.com.au](mailto:admin@bitziosconsulting.com.au)

**BITZIOS**  
consulting  
traffic engineering ■ transport planning

### Gold Coast

Suite 26 HQ, 58 Riverwalk Avenue, Robina, QLD 4226  
Phone: (07) 5562 5377

### Brisbane

Level 2, 428 Upper Edward Street, Spring Hill, QLD 4000  
Phone: (07) 3831 4442

### Sydney

Suite 206, 3 Gladstone Street, Newtown, NSW 2042  
Phone: (02) 9557 6202