

Barry Li



PeopleTrans Position	Project Manager (Design & GIS)
Qualifications	Bachelor of Mechanical Engineering (Dalian University of Technology) Master of Software Engineering (Griffith University)
Affiliations	n/a
Special areas	Road Alignment and Intersection Functional Layouts, Traffic Control Signal Plans, Bicycle and Pedestrian Facilities, Traffic Control and Management Plans for Construction Sites, Car Park Layout Design and Compliance Review, Signage and Line marking, Geographic Information mapping and analysis

Work History

2016 - Present	PeopleTrans Pty Ltd
2009 – 2015	GTA Consultants (NSW) Pty Ltd Project Manager – Transport Design (2013-2015), Draftsperson (2009-2013)
2008 – 2009	GTA Consultants (VIC) Pty Ltd Draftsperson (2008-2009)
2003 – 2005	Shanghai Xin Development Import & Export Enterprise, Shanghai, P. R. China Software Engineer
2003 – 2005	Hong Kong Polytechnic University, Department of Computing, Hong Kong Research assistant
1995 – 1999	Lanzhou Petroleum Processing and Chemical Complex, P. R. China Assistant Mechanical Engineer

Professional Profile

Barry is a designer and GIS specialist with over 7 years' experience in the transport industry across New South Wales and Victoria. His work has included concept and functional layout plans for road alignments, roundabouts and signalised/unsignalised intersections and traffic signal control plans.

He has also designed detailed bicycle and pedestrian facility plans for separated cycle ways, shared paths and on-road bicycle lanes.

He has also completed numerous signage and line marking plans, traffic calming device detailed design plans, traffic control and management plans for construction sites, and reviewed car parking and loading dock layouts in accordance with Australian Standards using AutoTURN.

Barry has completed Geographic Information Systems mapping and analysis projects, including crash data analysis, pedestrian walking distance catchment analysis, bus GPS/PTIPS data analysis, and general geographic data mapping and analysis using ArcGIS.

A selection of projects undertaken by Barry Li are provided below.

Professional Experience

Concept and Functional Layout Design

- Wynyard Precinct Bus and Street Design Feasibility Study – Transport for NSW
- RTA Strategic Bus Corridor 10 (bus priority treatment design) – Roads and Maritime Services
- ACT Ashley Drive Road Network Upgrade, ACT (intersection design) – Roads ACT

Traffic Control Signal Plans

- Wynyard Walk (Margaret St, Kent St and Napoleon St intersection) – City of Sydney
- Woolworths Double Bay (Kiaora Rd and Manning Rd intersections) – Woolworths Limited
- Pitt Street Upgrade (5 intersections) – City of Sydney

Signage and Line Marking Plans

- Bourke Street Separated Cycleway – City of Sydney
- Missenden Road Separated – City of Sydney
- ACT 40km/h Speed Limit – Roads ACT

Bicycle and Pedestrian Facilities Design

- Day Avenue Separate Cycleway – detailed design – City of Randwick Council
- Burns Bay Road On-road Bicycle Lane Design – detailed design – Lane Cove Council
- River Road Shared Path Design – concept and detailed design – Lane Cove Council
- Sutherland to Cronulla Cycleway – concept layout design – Sutherland Shire

Traffic Control and Management Plan for Work Sites

- DFO Homebush Upgrade – DFO Pty Ltd

Car Park and Loading Dock Compliance Review

- Castle Towers Shopping Centre Car Park Upgrade – QIC
- Rouse Hill Town Centre Car Park Upgrade – The GPT Group
- Coles Fletcher Retail Development – Coles Pty Ltd

Geographic Data Mapping and Analysis

- RTA Bus Network Development GPS Tracking – Roads and Maritime Services
- Bicycle Victoria Bicycle Catchment mapping – Bicycle Victoria
- RTA Strategic Bus Corridor 15 (PTIPS data analysis) – Roads and Maritime Services