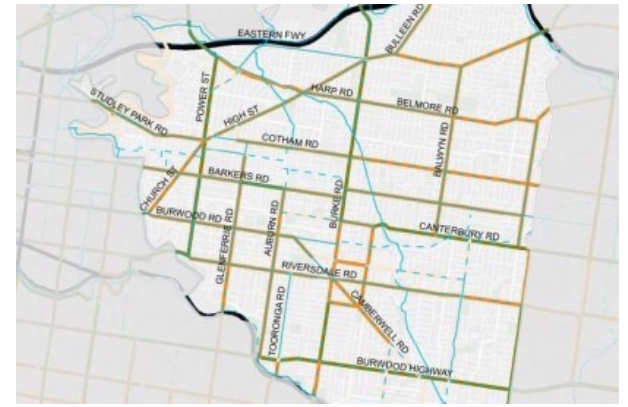


The following is a summary of cycling enhancement projects directed, managed or supported by current JzTI personnel.*

Boroondara Bicycle Strategy - Melbourne VIC

This project entailed the development of an updated cycling network strategy for the City of Boroondara in suburban Melbourne, building upon a previous vision document which had outlived its 10-year time frame. This study revisited the proposed actions from the earlier strategy - including assessing the degree to which each initiative had been sufficiently fulfilled - and generated new infrastructure proposals based on changes in the distribution of population and employment along with evolved expectations for safety and design. This process also included evaluation of cycling facility quality across the community for safety, comfort, and appeal to various types of prospective users.



Cycling Quality Assessment Framework and Evaluation - VIC, SA, NZ

Key Access Corridor	Cycling facilities			Traffic crossings		Nature of traffic		Cycling environment			
	Continuity of paths/lanes	Width of paths/lanes	Buffer from traffic	Safety of crossings	Convenience of crossings	Traffic speed	Turning conflicts	Traffic volumes	Topography	Landscape	Rd destinations
Lara											
Wakers Rd											
Mell Rd											
McClelland Ave											
Hennie St											
Station Lake Rd											
North Shore											
Station St											
Aderyn Rd											
The Esplanade											
Corio Quay Rd											
N Shore Rd											
North Geelong											
Victoria St W											
Princes Hwy N											
Victoria St E											
Princes Hwy S											
Bader Rd											

In conjunction with AECOM Australia, JzTI has developed an evaluation framework for identifying the strengths and weaknesses of cycling conditions on city and suburban streets. By isolating each component of the overall cycling environment on any corridor -- including cycle lane width, protective buffers, traffic speeds, traffic volumes, crossings, edge treatments and turning conflicts -- it enables both the comparison of cycle routes and the identification of priority improvements. This process has been applied as part of the Geelong Commuter Car Parking Study, Armstrong Creek Transport Corridor Study, Walkerville Traffic and Transport Plan, City of Holdfast Bay Integrated Transport Strategy, and Hamilton NZ Cycling Network Evaluation.

Geelong Shared Trails Master Plan

With Aecom, this project represented a comprehensive study of cycling and shared path connectivity throughout Greater Geelong. The aim of the study was to assess the continuity and condition of the existing path network and to identify and prioritise potential new connections for the purpose of optimising the overall value and usability of the system for varied types of users. This process also included identification of potential traffic management changes needed to support safe cycling movement through key proposed on-road connecting corridors.



Sydney Metro Walking and Cycling Path - Sydney NSW



The south west extension of Sydney Metro to Bankstown is intended to improve the mobility options available to residents along the corridor. As such, it was determined that a continuous active transport component would support this goal by safely delivering rail patrons to stations through efficient non-motorised means, as well as providing additional local circulation options. Managed through Aecom's Sydney transport team, this project entailed the end to end concept design of a shared use walking and cycling path from Sydenham to Bankstown stations, supported through traffic management/calming measures and treatments to manage conflicts in areas of concentrated activity.

*includes experience with AECOM prior to establishment of JzTI Australia