



The following is a summary of bus and BRT projects directed, managed or supported by current JzTI personnel.*

Dubai Bus Rapid Transit Study - Dubai UAE

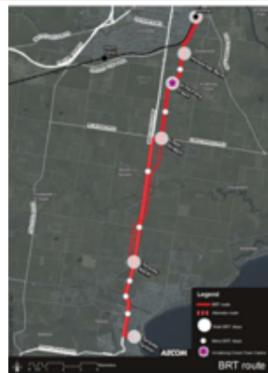
This study with the Aecom UAE transport planning team represented the development of a BRT program for Dubai, including its staging from basic bus priority upgrades to longer term fully separated BRT. Project tasks included: Investigation of potential corridor alignments for suitability of street space and potential traffic impacts; Concept design of prototype stations based on corridor alignment and constraints; Development of potential service patterns to meet station-by-station patronage projections including express, limited-stop, standard and trunk services along each of the proposed service corridors.



Armstrong Creek / Torquay Public Transport Corridor Study - Geelong VIC

Table 21: Reservation and zoning assessment for select BRT sites

Site ID	Site Name	Reservation	Zoning	Notes
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This corridor study assessed seven potential public transport technology/alignment combinations for servicing future travel demand and urban development in the Armstrong Creek and Torquay areas. This study included comparison of options against a varied set of evaluation criteria including measures of demand, cost, design and operations through a multi criteria assessment. This analysis also compared the relative quality of the connecting pedestrian and cycling corridors to the various service alignments and potential station locations, accounting for safety considerations and infrastructural constraints owing to co-location with high volume road corridors and rapidly developing housing areas. BRT was one of three main technology alternatives evaluated as part of this process.

Clever and Creative Corridor - Geelong VIC

The Northern and Western Geelong Growth Areas are together projected to accommodate 110,000 residents within the next 30 years. While the existing mode splits in suburban Geelong would suggest a conventional approach to satisfying the associated travel demand through the widening of road corridors, it is recognised that a shift toward sustainable travel modes would help minimise long-term environmental impact and maximise future mobility options. This project addressed the spatial reservations required to implement the City's Clever and Creative Corridor initiative, entailing preservation of a continuous corridor throughout the growth areas for future high-priority public transport use. BRT was one of several modal options the corridor has been dimensioned to accommodate.



Doncaster Bus Rapid Transit - Melbourne VIC



This study supported the development of a Stage 1 market led proposal to develop a BRT corridor to a strategic suburban activity centre. This entailed the planning and concept-level design of the system including development of alternative alignments, identification of station locations, designation of operating parameters, and establishment of options for interfacing with the train, tram and local bus networks. As part of the designated Stage 1 process this work also included benefits analysis, economic modelling, policy alignment analysis, and the drafting of the proposal content according to Victorian State Government guidelines.

*includes experience with AECOM prior to establishment of JzTI Australia