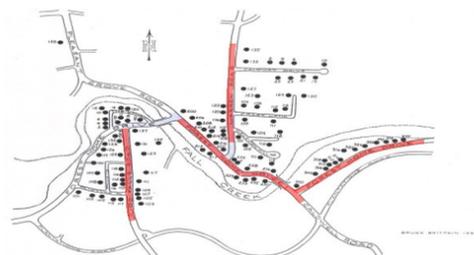


Logan Square Redesign Plan - Philadelphia PA

This project entailed the accommodation of new signalized pedestrian crossings to/from the historic—yet isolated—public space within Logan Circle. Specific project components included traffic platoon analysis, signal timing testing, design of crossings, traffic calming (road narrowing and tightening of curb radii), and reworking of circulation patterns for cars and bicycles. The overall outcome has been the re-emergence of Logan Circle as a highly valued urban public space fully integrated with the prominent institutions that form its surroundings.



Traffic Calming Projects



Traffic calming projects are at their core aimed at enhancing the safety of pedestrians on primary or neighborhood streets. JzTI's traffic calming projects have invariably focused on pedestrian safety as the prime design guideline, whether in residential neighborhoods (Ithaca NY, Winter Park FL) or on high-volume arterial and collector roadways (Savannah GA, Frankenmuth MI).

Pedestrian Quality Assessment Framework

In conjunction with AECOM Australia, JzTI has developed an evaluation framework for identifying the strengths and weaknesses of pedestrian conditions on city and suburban streets. By isolating each component of the overall walking environment on any corridor -- including sidewalk width, sidewalk condition, sidewalk continuity, protective buffers, traffic speeds, safety of crossings, convenience of crossings, shade, land use and building scale -- it enables both the comparison of walking routes and the identification of priority improvements.

Key Access Corridor Pedestrian Quality Assessment	Footpaths			Traffic crossings		Weather protection		Context			
	Footpath continuity	Footpath width	Buffers	Safety of crossings	Convenience of crossings	Shade	Shelter	Land uses	Building scale	Contextual gaps	Key destinations
Lara	2	3	2	2	2	2	2	2	2	2	2
Walkers Rd	2	3	2	2	2	2	2	2	2	2	2
Mill Rd	2	3	2	2	2	2	2	2	2	2	2
McClelland Ave	2	3	2	2	2	2	2	2	2	2	2
Rennie St	2	3	2	2	2	2	2	2	2	2	2
Station Lake Rd	2	3	2	2	2	2	2	2	2	2	2
North Shore	2	3	2	2	2	2	2	2	2	2	2
Station St	2	3	2	2	2	2	2	2	2	2	2
Aden Rd	2	3	2	2	2	2	2	2	2	2	2
The Esplanade	2	3	2	2	2	2	2	2	2	2	2
Cono Quay Rd	2	3	2	2	2	2	2	2	2	2	2
N Shore Rd	2	3	2	2	2	2	2	2	2	2	2
North Geelong	2	3	2	2	2	2	2	2	2	2	2
Victoria St W	2	3	2	2	2	2	2	2	2	2	2
Princes Hwy N	2	3	2	2	2	2	2	2	2	2	2
Victoria St E	2	3	2	2	2	2	2	2	2	2	2
Princes Hwy S	2	3	2	2	2	2	2	2	2	2	2
Baker Rd	2	3	2	2	2	2	2	2	2	2	2

Campus Planning Projects



As locations with typically very high pedestrian flows often in sharp recurring peaks throughout the day, each of JzTI's campus planning projects has entailed foremost consideration of pedestrian circulation and safety. In some cases these have been focused on managing the operations of internal service streets (University of Arizona, Monash University) while at other locations this has entailed the implementation of safety treatments on main city traffic streets (University of Pennsylvania, Case Western Reserve University). In all cases the application of traffic calming principles in key locations has been critical to the establishment of a safe walking context.