



Overview

JzTI was established in 2006 to focus on the development of transportation systems that are sustainable and accessible. Our specializations include the two primary practice areas of public transit and street design. Our transit projects cover planning, design, operations and safe access, while our street design projects entail the planning and design of roads and intersections to consider all their many functionalities including safe pedestrian and bicycle circulation.



Public Transit



Our public transit practice incorporates a wide range of activities from system planning to facility design, for a variety of travel modes including buses, trains, light rail and streetcars. Activities include service conceptualization, route design, operations planning, facility design, and branding. Our bus rapid transit (BRT) practice specializes in the planning and design of bus services using dedicated bus lanes, signal priority and automatic guidance. Our rail practice encompasses light rail, heavy rail, commuter rail and streetcars, and includes route planning, network operations, station layout, transit-oriented design and station access.

Street Design

JzTI's street design practice entails the evaluation of road networks in the context of all their diverse functions. Our pedestrian enhancement projects include both the systematic evaluation of the walking environment as well as the design of streets, intersections, paths and public spaces to support safe and efficient pedestrian movement. Our bicycle projects include designing for safe bicycle facilities as well as planning for strategic bicycle development programs such as bikeshare. Our sub-focus of *traffic calming* represents the systematic retrofit of neighborhood and commercial streets for safer traffic speeds consistent with their various uses.



JzTI is based in Philadelphia and operates throughout North America in support of a diverse range of public clients and private organizations. As an independent company we also maintain a network of strategic consulting partnerships throughout the country both to ensure the continuous availability of engineering resources and to maximize the breadth of services offered. Our roles range from the conducting of standalone transportation studies to provision of design support for master-planning projects. We also commonly interface with state and local authorities on a broad set of design and implementation issues.