



Transportation

Specializing in Emerging Solutions

Local governments are facing an ever-increasing problem of traffic congestion in and around their communities. Capital-intensive roadway improvements that increase capacity are typically insufficient to satisfy the rapidly-rising demand of commuters in major urban centers. At the same time, low-income residents in urban and rural areas face significant basic access challenges.

Concurrent Technologies Corporation (*CTC*) assists local governments in understanding their community's transportation needs, assessing transportation solutions, and designing programs to improve public transportation services.

Transportation Demand Management (TDM)

Supply-side transportation solutions have been the focus of most strategies addressing congestion. However, communities across the country are realizing the limitations of these capital-intensive roadway improvements to combat soaring demand. Transportation Demand Management (TDM) takes a demand-side approach to mitigating transportation challenges such as congestion and basic access.

CTC works with local communities to identify, assess, plan and implement TDM solutions based on emerging national best practices in demand-side transportation strategies. In one community, *CTC* developed a TDM strategy for the development of a major industrial site. This strategy clarified the region's TDM goals, evaluated available solutions, created a comprehensive implementation plan and provided guidelines for effective deployment of the chosen solutions. *CTC* can bring together employer groups with transportation officials to promote more responsive transit systems and transportation programs.

Intelligent Transportation Systems (ITS)

CTC's robust capabilities in information system design and development combined with research on emerging best practices enables *CTC* to assist communities with ITS planning and deployment. Recent research in the ITS field has included an analysis of the capabilities of several major Southeastern metropolitan areas to support the implementation of in-vehicle dynamic route guidance systems.

Rural Transportation Systems

CTC's community and economic development professionals work with rural communities to develop new approaches to rural transportation challenges. In one rural area, *CTC* assisted in the development of a volunteer-based transportation system that enabled low-income residents without vehicles to access health services in neighboring communities.

Contact *CTC* Today

1-800-846-6001 or hastings@ctc.com
www.e-ctc.com



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