

Electronic Passenger Information Kiosks

General Description:

Passenger information displays or (smart) kiosks are the equivalent of a public website connection to transportation information. The advantage of the kiosk over the website is that the traveler would not have to carry a computer with them to access the information. Kiosks can be placed at activity centers, transfer points or transit stations.



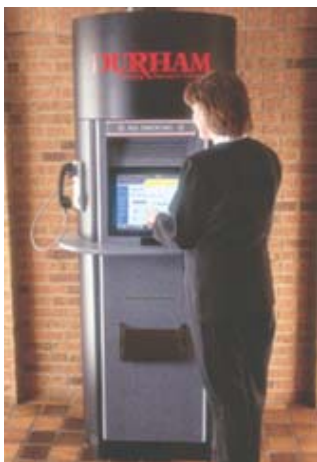
Effects of Solution:

- Increase Passenger Mobility
- Increase Roadway Capacity
- Manage System Efficiency
- Reduce Local Demand (reduces vehicular demand)

Informational kiosks can assist in reducing local demand through encouragement of alternative routes.

Costs/Financial Information:

The kiosk costs include hardware, enclosure, installation, modem server, and map software for indoor and outdoor. Integration of the kiosks allows new kiosks to be used in conjunction with existing kiosks. Integration of kiosks requires software upgrades. The lower costs are for commercial off the shelf and higher costs for developed/outdoor systems. Interactive upgrades require an information display interface (upgrade from existing interface). The software for the interactive upgrade is for a commercial off the shelf product.



Informational Kiosk
Traveler Information System

Capital Cost
\$5 to 10K
\$500 to 750K

Source: United States Department of Transportation Intelligent Transportation Systems ITS Benefits, Costs and Lessons Learned Databases. Available at www.benefitcost.its.dot.gov (Cost/financial information is estimated, and will vary based on size and scope of project, number of units, etc.)