

Traveler Information

Provides timely and accurate travel-condition messaging that enables travelers to make informed decisions about routes, speed, lane use, and other aspects of travel.



TRANSPORTATION NEEDS ADDRESSED

- TRAVEL TIME
- SPECIAL EVENTS
- SAFETY
- MOBILITY
- RELIABILITY
- WORK ZONES
- UNPLANNED EVENTS
- ACCESS
- FREIGHT
- MULTIMODALITY
- ECONOMIC DEVELOPMENT

COST MAGNITUDE

- CAPITAL COST
- OPERATION AND MAINTENANCE COST

WHEN TO CONSIDER THIS STRATEGY

- ANY ROADWAY OR PROJECT THAT WOULD BENEFIT FROM TRAVELERS HAVING INFORMATION AHEAD OF TIME OR IN REAL TIME

COMPLIMENTARY STRATEGIES

- HARD SHOULDER RUNNING
- QUEUE WARNING
- MAINTENANCE FLEET MANAGEMENT
- TRUCK PARKING
- CONGESTION PRICING
- MANAGED LANES
- PARKING MANAGEMENT
- INCIDENT MANAGEMENT
- INTEGRATED CORRIDOR MANAGEMENT
- HOMELAND SECURITY PREPAREDNESS
- SMART WORK ZONE
- WORK ZONE MANAGEMENT

HOW WILL THIS HELP?

- Traveler information can reduce secondary incidents as well as reduce delay and improve travel time reliability.
- By guiding travelers away from incidents, events, and peak period congestion, this strategy addresses all causes of recurring and nonrecurring congestion.

HOW DOES IT WORK?

- Traveler information system should be implemented across a region's roadways, including expressways, freeways, and arterial roadways.
- Data can also be shared with third-party navigation software providers.
- Real-time information can be delivered to the public using dynamic message signs and 511 information systems such as a website, mobile app, phone system, or dedicated radio channel.
- Transportation management tools are needed to monitor current traffic conditions and disseminate information to travelers.

CONSIDERATIONS

- + TSP WORKS IN CONJUNCTION WITH THE BUS STOP LOCATIONS TO OPTIMIZE EXPRESS BUS OPERATIONS. THE TRANSIT AGENCY SHOULD HAVE INPUT IN THE DESIGN OF THE FACILITY AND THE TSP SOFTWARE PROGRAMMING.
- + MANY TRANSIT OPERATIONS CROSS JURISDICTIONAL BOUNDARIES. MULTI-AGENCY COORDINATION MAY BE REQUIRED.
- + TSP REQUIRES SLACK IN SIGNAL TIMINGS TO ALLOW THE REALLOCATION OF GREEN TIME AND MAY NOT BE VIABLE FOR ALL SIGNALS ALONG A CORRIDOR.