

Parking Management

Provide real-time parking availability information to drivers in order to reduce unnecessary congestion and assist drivers in finding a place to park.



TRANSPORTATION NEEDS ADDRESSED



COST MAGNITUDE



WHEN TO CONSIDER THIS STRATEGY

- ✓ LOCATIONS WITH HIGH PARKING DEMAND
- ✓ CORRIDORS WITH HIGH MULTIMODAL USE
- ✓ LOCATIONS WITH LIMITED PARKING SUPPLY

COMPLIMENTARY STRATEGIES

- ✓ TRUCK PARKING
- ✓ PEDESTRIAN FACILITIES
- ✓ ELECTRONIC PAYMENT / TOLL COLLECTION
- ✓ SIGNING
- ✓ TRAVELER INFORMATION
- ✓ INTEGRATED CORRIDOR MANAGEMENT

HOW WILL THIS HELP?

- ✓ Improves mobility by reducing congestion caused by drivers in search of parking.
- ✓ Reduces fuel consumption and gas emissions.
- ✓ Eases recurring congestion at peak travel times and nonrecurring congestion due to special events.

HOW DOES IT WORK?

- ✓ This strategy is effective on city arterial roadways, particularly near popular destinations such as event venues, landmarks, and business or commercial centers.
- ✓ Parking authority must establish a system to monitor parking availability and inform users (e.g. website or mobile app), as well as maintain and oversee the system.

CONSIDERATIONS

- + THE NECESSARY TOOLS INCLUDE THE TECHNOLOGY TO PROVIDE REAL-TIME PARKING INFORMATION, SUCH AS PARKING METERS, KIOSKS, AND SENSORS.
- + DYNAMIC MESSAGE SIGNS MUST BE PLACED IN ADVANCE OF THE POINT ON THE FACILITY WHERE A DRIVER CAN USE THE INFORMATION TO MAKE A DECISION SAFELY.
- + DETECTION EQUIPMENT AT PARKING LOCATIONS REQUIRED, SOFTWARE REQUIRED, AND OPERATIONS STAFF NEEDED