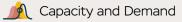
# **Electronic Payment/ Toll Collection**

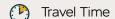
Electronic toll collection automates payment on toll facilities such as freeways, bridges, and tunnels.





#### TRANSPORTATION NEEDS **ADDRESSED**







Mobility





## **COST MAGNITUDE**

CAPITAL COST













### WHEN TO CONSIDER THIS STRATEGY

- UPGRADE OF EXISTING TOLLWAYS WITH MANUAL TOLL COLLECTION FACILITIES
- ALL FACILITIES WITH TOLLING

#### COMPLIMENTARY **STRATEGIES**

- CONGESTION PRICING
- MANAGED LANES

#### **HOW WILL THIS HELP?**

- Improve travel times by keeping vehicles moving as the tolls are collected.
- ✓ Addresses recurring congestion due to traditional methods such as cash toll booths.

### **HOW DOES IT WORK?**

- ✓ Users establish an account for payment of tolls and install transponders in their vehicles.
- Overhead or roadside toll infrastructure wirelessly detects the transponders while the vehicles are in motion.
- Payment is then automatically deducted from the users' accounts.
- Tolling agencies must install and maintain the system of wireless detection devices and oversee its operation, including management of the sale of transponders and establish a corresponding system of user accounts.

- + PUBLIC OUTREACH TO PROMOTE UNDERSTANDING OF THE TOLLING TECHNOLOGY AND PAYMENT PROCESS.
- + SIGNING TO ENSURE DRIVERS' UNDERSTANDING OF ELECTRONIC PAYMENT AND SIGNAL THEM NOT TO STOP.
- + ABILITY TO PROCESS LARGER VOLUME OF VIDEO TRANSACTIONS.