

Electronic Toll Collection System



Bangkok Expressway Public Company Limited realizes the significance of the continued improvement of the efficiency of our service for the utmost satisfaction of Expressway users. In 2009, the Company, in association with the Expressway Authority of Thailand (EXAT), has installed the Electronic Toll Collection system (Easy Pass) to ensure more convenience and rapidity in toll collection and to alleviate the congested traffic volume in front of toll plazas. EXAT has launched the Easy Pass system for service in respect of the Chalem Mahanakorn Expressway, the Chalong Rat Expressway and the Bang Pli - Suksawad Expressway on 31 January 2010, while that for the Si Rat Expressway will be opened for service in and around mid-2010.

The Easy Pass system is a toll collection system using electronic cards (Easy Pass Cards) to be attached to the windshield for paying tolls. When a vehicle passes the Easy Pass toll booth, it is not necessary for motorist to open a window, queue up, and prepare cash, which will be more convenient and facilitate Expressway users.

The Easy Pass system requires no toll collection staff, provided motorists must have their account balance refilled in advance for paying tolls, and they will be given two electronic devices, as follows:

1. **An Easy Pass Card** to be attached to the windshield; when the motorist's vehicle passes the Easy Pass toll booth, the Easy Pass Card will communicate with the antenna in the Easy Pass toll booth to read the value and deduct the card balance from the motorist's account;
2. **A Smart Card** to be used for contact with staff, as well as refilling the motorist's account balance.

Advantages of Easy Pass Card

1. To help alleviate the congested traffic volume in front of toll plazas;
2. To facilitate the traffic flow through the Easy Pass toll booths up to 1,200 vehicles/hour; while the toll collection system in cash can facilitate the traffic flow for merely 450 vehicles/hour;
3. Motorists merely drive through the Easy Pass toll booths to enter the Expressways conveniently and rapidly;
4. Expressway users can plan their journey, whereby the Easy Pass system will help shorten traveling time and save energy;
5. Expressway users can use the Easy Pass Card on every Expressway route, both an open system (with one-rated toll collection at the entrance) and a closed system (with distance-based toll collection at the exit);
6. To improve the quality of life for society, motorists and staff working on the Expressways, as well as minimizing the environmental impact towards communities nearby.

