

# Research of Electronic Toll Collection System in Demand on National Highway in Various Countries.

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## ABSTRACT

Because of population growth and own vehicle amounts constant increasing in recent years, and it is very important to improve the present artificial charge, and be-come electronic charging technology. The ETC system could create benefits such as increasing the capacity of toll stations, reducing paying time, and minimizing air pollution. Only improve the automatic electronic charging which combines such new science and technology as the electron, computer and communication, and it could be reached to no stopping and cash-free chargeable service. This research does analysis to the electronic toll collection on the freeways in various countries, and find out a suitable electronic toll collection system and charging model by the scholar's scoring model for compatriot. By the research, the conclusion and proposition of study could be offered Highway Administration Bureau and the operation company to consult and propose.

Keywords : Electronic Toll Collection System, new product develop, scoring model

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