

**GOVERNMENT OF INDIA
ROAD TRANSPORT AND HIGHWAYS
LOK SABHA**

STARRED QUESTION NO:364

ANSWERED ON:15.12.2009

ELECTRONIC TOLL SYSTEM

Bajwa Shri Partap Singh;Kumar Shri Kaushalendra

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) whether the Government has introduced/proposes to introduce electronic toll systems for National Highways in the country;
- (b) the benefit likely to accrue as a result thereof;
- (c) the locations identified for the purpose, State-wise and project-wise;
- (d) whether the proposed system would eliminate complaints in the prevailing toll collection mechanism;
- (e) if so, the details thereof; and
- (f) the time by which the said system is likely to be implemented?

Answer

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS (SHRI KAMAL NATH)

(a) to (f) Yes, Sir. Electronic Tolling would reduce the delay at the toll plaza due to reduced transaction time, thereby improving the operational efficiency of the National Highways. This will also make the transactions more transparent, fair and accountable by automatic classification of vehicles and applying the approved rates of tolling. The costs associated with delays and congestion would also reduce. Reply to parts (c) to (f) is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (c) TO (f) OF THE LOK SABHA STARRED QUESTION NO. 364 FOR ANSWER ON 15.12.2009 ASKED BY SHRI KAUSHALENDRA KUMAR AND SHRI PARTAP SINGH BAJWA REGARDING ELECTRONIC TOLL SYSTEM

(c) Electronic toll collection is presently being done on Delhi-Gurgaon section of NH-8 along with manual tolling. Three more locations have been identified for pilot project for technology options. These are
(1) Panipat-Jalandhar section of NH-1 in the States of Haryana & Punjab,
(2) Gurgaon - Jaipur section of NH-8 in the States of Haryana & Rajasthan and
(3) Surat - Dahisar section of NH-8 in the States of Gujarat & Maharashtra (all are 4 to 6 lane widening projects on BOT basis)

(d)&(e) Once full scale implementation of Electronic tolling is done, the usual complaints like delays, over/under charging, under reporting of toll revenue, incidents of non-compliance of toll etc. will be minimised. However, since there are various technologies available with varying capabilities, before the full scale application, pilot studies have been proposed. In the pilot studies, different technologies such as 5.8 GHz Microwave (Passive), 5.8 GHz Microwave (Active) and Communication Air-interface Long and Medium Range-Infra red (CALM-IR) are to be studied.

(f) The pilot studies are likely to be started during the year 2010 and to be completed in the year 2010-11.