

**GOVERNMENT OF INDIA  
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS**

**LOK SABHA  
UNSTARRED QUESTION NO. 709  
ANSWERED ON 24<sup>TH</sup> JULY, 2025**

**INTELLIGENT TRANSPORTATION SYSTEM  
ON HIGHWAYS**

**709. SHRI ARUN BHARTI:**

**Will the Minister of ROAD TRANSPORT AND HIGHWAYS**

सड़क परिवहन और राजमार्ग मंत्री

**be pleased to state:**

- (a) the key objectives of implementing Intelligent Transportation System (ITS) on National Highways and Expressways;**
- (b) the current progress in the implementation of the Advanced Traffic Management System (ATMS) across various regions of the country;**
- (c) the benefits expected from the deployment of Vehicle to Everything (V2X) communication in reducing accidents, traffic violations and incident response times;**
- (d) whether any specific timelines have been fixed for the phased implementation of ITS solutions on National Highways and Expressways and if so, the details thereof; and**
- (e) the details of the standalone ATMS projects that have been launched or are under development?**

**ANSWER  
THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS**

**(SHRI NITIN JAIRAM GADKARI)**

**(a) The key objective of implementing Intelligent Transportation System (ITS) or Advanced Traffic Management Systems (ATMS) on National Highways and Expressways is to enhance road safety, reduce traffic violations, and improve incident response time through AI-based surveillance and automated enforcement mechanisms.**

**(b) National Highways Authority of India (NHAI) has issued Policy Circular No. 11.53 on 10.10.23 to implement the Advanced Traffic Management System (ATMS) on National Highways and Expressways. The Policy includes Surveillance of the entire Highway stretch and AI based Video Incident Detection and Enforcement System which will also facilitate generation of E-challans by Police and other Enforcement Agencies. The Policy document aims to reduce accidents, traffic violations and incident response time. The Government envisages to implement the ATMS solution in Highways and Expressways in phased manner.**

**(c) V2X is not a part of either ITS or ATMS Policy at present.**

**(d) The Government envisages to implement ATMS on all National Highways of 4 lane or above configuration in a few years.**

**(e) The details of 5 pilot Standalone ATMS projects are as under:**

<b>Corridor Name</b>	<b>Length (km)</b>	<b>State(s)</b>	<b>Status</b>
<b>Bangalore – Mysore (Augmentation)</b>	<b>117</b>	<b>Karnataka</b>	<b>Completed</b>
<b>Dwarka Expressway</b>	<b>58</b>	<b>Delhi, Haryana</b>	<b>Completed</b>
<b>Delhi-Agra</b>	<b>180</b>	<b>Uttar Pradesh</b>	<b>Under Progress</b>
<b>Lucknow Ring Road</b>	<b>103</b>	<b>Uttar Pradesh</b>	<b>Under Progress</b>
<b>UER-II</b>	<b>75</b>	<b>Delhi, Haryana</b>	<b>Under Progress</b>

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