

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO-1864
ANSWERED ON -07/08/2024

TRAFFIC MAPPING

1864. DR. SIKANDER KUMAR:

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

- (a) whether government has made any plan to work on traffic mapping and modelling for easing traffic congestion in big cities i.e. infrastructure projects like, roads, flyovers, underpasses and other rapid projects;
- (b) the details of areas in the NCT of Delhi where heavy traffic have been reported during current year;
- (c) whether Government has taken note of difficulties being faced by people due to heavy jams in NCT of Delhi particularly from ITO to India Gate and NCR region; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) Urban planning is a state subject. Accordingly, Traffic Mapping and Modeling for easing traffic congestion in big cities are mainly done by respective State Governments/Union Territories (UTs)/Urban Local Bodies (ULBs). Ministry of Housing & Urban Affairs (MoHUA) has issued various Guidelines viz National Urban Transport Policy, 2006, Metro Policy, 2017 and Transit Oriented Development Policy to adopt sustainable measure to deal with various transport related issues including traffic mapping towards easing traffic congestion.

In addition, Ministry of Road Transport & Highways (MoRTH) through its Training Institute, Indian Academy of Highway Engineers (IAHE), has engaged University of New South Wales (UNSW) for setting up Centre for Advanced Transportation Technology and Systems (CATTS) wherein Indian Specific Urban Pervasive Data Model will be developed for 02 cities, Nagpur & Meerut to map congestion points/zones.

Moreover, on the specific request of State Government, IAHE extends its expertise towards finalization of bid documents, concepts of traffic mapping and modelling to address the issue

of congestion. IAHE has extended such expertise to NCT of Delhi & Govt. of Maharashtra for its six cities (Mumbai, Pune, Navi Mumbai, Chhatrapati Sambhaji Nagar, Nashik and Thane) at the cost of respective State Governments.

To ease city congestion and to enhance modal share of urban public transport, Government has contributed in development of about 945 km of Metro Rail Lines including 34 km Delhi-Meerut Regional Rapid Transit System (RRTS) which are operational in 21 different cities. Further, about 939 km of Metro Rail Projects are under construction across various cities in the country. Recently, Government has also launched ‘PM-eBus Sewa’ on 16th August 2023 to augment bus operations in urban areas with central assistance of Rs. 20,000 Crore to State Governments/UTs for deploying 10,000 electric buses.

(b) to (d) Being a State subject, Ministry of Road Transport & Highways (MoRTH) normally does not conduct any traffic study in NCT. However, Government has contributed in a significant way in reducing congestion on roads under NCT of Delhi by taking up following Highway projects:

S.N.	Name of Project	Length (Km)
1.	6-Lane UER-II (Urban Extension Road)	76
2.	DND Interchange – Kalandikunj (along Yamuna) -Faridabad-Ballabgarh-Sohana	60
3.	6 lanes of Delhi (Akshardham) to intersection of Eastern Peripheral Expressway	32
4.	Connectivity between IGI airport to Jewar Airport and also to Delhi Mumbai Expressway	32
5.	Bypass from Rangpuri	5
6.	Eastern Peripheral Expressway (EPE)	135
7.	Dwarka Expressway	30
8.	Delhi Meerut Expressway	95
9.	Flyover & Underpass on Delhi-Gurugram	
10.	8 lane corridors from Dhaula kuan to Airport	3
11.	Elevated U-Turn near Ambiance Mall	2.8

In addition to Highway Projects, Government has developed Metro services, which are operational on a network of about 393 km with a daily average ridership of about 70,000 passengers. Further, around 86 km cumulative length of Metro lines are under construction, which upon completion will further boost the convenient and affordable Public Transport System in the NCT of Delhi.

Government has also sanctioned central assistance to Government of Delhi for procurement of 1221 Electric Buses under Faster Adoption and Manufacturing of Electric Vehicles (FAME) Scheme of Ministry of Heavy Industries. This will also help in reducing the number of private vehicles which will not only ease the congestion but will also help in reducing pollution.
