

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

RAJYA SABHA
STARRED QUESTION NO- 161
ANSWERED ON -21/12/2022

FAULTY DRAINAGE SYSTEM ON HIGHWAYS

161 SHRI SANT BALBIR SINGH:

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

- (a) the steps taken by the Ministry to resolve and rectify the problem of faulty drainage system on Highways being constructed in Punjab and other parts of the country;
- (b) the reasons identified for this problem; and
- (c) whether there is any policy for fixing responsibility for this problem?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) to (c) A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF RAJYA SABHA
STARRED QUESTION NO. 161 ANSWERED ON 21/12/2022 ASKED BY SHRI SANT
BALBIR SINGH REGARDING '**FAULTY DRAINAGE SYSTEM ON HIGHWAYS**'

(a) to (c) National Highways are designed and constructed as per the India Roads Congress (IRC) guidelines, which have specific provisions for efficient drainage system for both urban as well as rural areas keeping in mind expected traffic, importance and configuration of road, sources of water, hydrology and hydro-geologic conditions of catchment area, geometric characteristics of the road, presence of extreme gradients and cross slope, areas of excavation and landfill, existing drainage systems, etc.

However, drainage problem has been observed at some sections on different National Highways (NHs) in the country. These problems are localized and many are caused due to ribbon development along the NHs leading to clogging of the drainage system. Besides, drainage problem has been noticed on account of non-clearance of existing drainage system, blockage of the drainage outfall by unauthorized construction and poor maintenance of drainage system in some cases. Sometimes, unprecedented rainfall causes flooding of drainage system.

In order to prevent drainage problem on NHs, greater emphasis is being laid on drainage system during design and construction stages as well as maintenance stage. Provision of additional culverts and up gradation of discharge capacity of existing drainage system is done duly considering the site conditions.
