

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS

RAJYA SABHA
UNSTARRED QUESTION NO.1566
ANSWERED ON 15.12.2023

WATERLOGGING IN UNDERPASS RAILWAY BRIDGES

1566 # SHRI HARNATH SINGH YADAV:

Will the Minister of RAILWAYS be pleased to state:

- (a) the number of underpass bridges across the country, division-wise;
- (b) whether Government is aware of the fact that the citizens have to face a lot of difficulties due to water logging in underpass bridges during rainy season and the absence of drainage system as well as electricity facility; and
- (c) whether Government proposes to consider stopping the under-built bridge construction plan after conducting a thorough investigation regarding its uselessness?

ANSWER

MINISTER OF RAILWAYS, COMMUNICATIONS AND
ELECTRONICS & INFORMATION TECHNOLOGY

(SHRI ASHWINI VAISHNAW)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 1566 BY SHRI HARNATH SINGH YADAV ANSWERED IN RAJYA SABHA ON 15.12.2023 REGARDING WATERLOGGING IN UNDERPASS RAILWAY BRIDGES

(a): As on 01.04.2023, there are total 12623 nos. of Road Under Bridges (RUBs) over Indian Railway. Zone wise data is as under:

(Figure in Nos.)

SN	RAILWAY	RUB/Subways
1	Central Railway	672
2	Eastern Railway	453
3	East Central Railway	324
4	East Coast Railway	719
5	Northern Railway	1213
6	North Central Railway	739
7	North Eastern Railway	499
8	North East Frontier Railway	604
9	North Western Railway	1772
10	Southern Railway	907
11	South Central Railway	1252
12	South Eastern Railway	409
13	South East Central Railway	452
14	South Western Railway	830
15	Western Railway	1057
16	West Central Railway	721
Total		12623

(b) & (c): RUBs are generally constructed at locations where high railway embankment permits natural drainage. Further, to prevent water logging during rainy season following measures are being taken during execution:-

- i. Drainage arrangement has been made as integral part of planning of new RUB/LHS.
- ii. Innovative method “RUBs/Subways with combination of openings with differential road levels” has been designed for construction of RUB/subway situated in areas prone to water logging.
- iii. Diversion of flow of water to nearby bridge and nallahs/drains.
- iv. Provision of cover shed on approach roads.
- v. Provision of hump at entry to RUB/LHS.
- vi. Provision of cross drains, sealing of joints etc. as per site feasibility and applicability.
- vii. Pumping arrangements are provided at identified RUBs to drain out the water during heavy rains.
