

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 4025
TO BE ANSWERED ON 12.08.2026**

DEVELOPMENT OF HIGH SPEED TRAINS

4025. SHRI V K SREEKANDAN:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether it is a fact that Japan will provide its next generation E10 series Shinkansen trains to India and if so, the details thereof;**
- (b) whether it is also a fact that the railway is developing a high speed train which is slated to run at an operational speed of 280 kmph and if so, the details thereof; and**
- (c) whether it is also a fact that the train is currently being developed by BEML (Bharat Earth Movers Limited) and the Integral Coach Factory and if so, the details thereof?**

ANSWER

**MINISTER OF RAILWAYS, INFORMATION & BROADCASTING AND
ELECTRONICS & INFORMATION TECHNOLOGY**

(SHRI ASHWINI VAISHNAW)

(a) to (c): Presently, the Mumbai-Amdavad High Speed Rail (MAHSR) Project (508 km) is under execution. The Project is passing through the States of Gujarat, Maharashtra and Union Territory of Dadra & Nagar Haveli with 12 stations planned at Mumbai, Thane, Virar, Boisar, Vapi, Billimora, Surat, Bharuch, Vadodara, Anand, Amdavad and Sabarmati.

Entire land (1389.5 Ha.) for MAHSR project has been acquired. All Statutory Clearances have been obtained. All 1651 utilities have been shifted. The delay in land acquisition in the State of Maharashtra has impacted the project till 2021. The land acquisition picked up in 2022 in Maharashtra.

The progress of various major items so far is as under:

Item	Progress
Piers	452 kms.
Girder	356 kms.
Track Bed	209 kms.
OHE Masts	190 kms.

The progress of stations is given below: -

S. No.	Station	Status
1	Sabarmati	Foundation & structural works completed. Finishing work have been taken up.
2	Amdavad	Structural works completed. Finishing works and track works have been taken up.
3	Anand/Nadiad	
4	Vadodara	Foundation & structural works completed. Finishing work have been taken up.
5	Bharuch	Structural works completed and finishing works have been taken up. At Surat, Bilimora and Bharuch Track works have also been taken up.
6	Surat	
7	Bilimora	
8	Vapi	
9	Boisar	Foundation works have been taken up and in advanced stage. Structural works have been taken up.
10	Virar	
11	Thane	
12	BKC (Mumbai)	This is an underground station. Foundation works almost completed and Base Slab has been taken up.

The progress on the River Bridges is as under:-

S. No.	River Name	Status
1	Sabarmati River (480m)	Sub-Structure work completed, Superstructure work has been taken up.
2	Meshwa River (120m)	Bridge construction completed. Track works completed and OHE works have been taken up at Mohar River. Track works in progress at Vatrak River.
3	Vatrak River (280m)	
4	Mohar (Shedhi) River (160m)	
5	Mahi River (720m)	Foundation completed. Pier works and Girder launching have been taken up.

6	Vishwamitri River (80m)	Bridge construction completed.
7	Dhadhar River (120m)	
8	Narmada River (1366m)	21 out of 25 wells completed; 6 out of 24 spans launched
9	Kim River (120m)	Bridge construction completed.
10	Tapi River (720m)	09 out of 13 Pier Cap completed.
11	Mindhola River (240m)	Bridge construction completed. Track and Electrical works have been taken up.
12	Purna River (360m)	
13	Ambika River (200m)	
14	Venganiya River (200m)	
15	Kaveri River (120m)	
16	Kharera River (120m)	
17	Auranga River (320m)	
18	Par River (320m)	
19	Kolak River (160m)	
20	Daman Ganga River (360m)	
21	Darotha River (80m)	
22	Jagani River (360m)	Substructure works have been completed.
23	Vaitarna River (2320m)	17 Pile Cap and 15 Pier (out of 58) completed.
24	Ulhas River Branch (120m)	Temporary Access Bridge (TAB) completed to start the foundation work.
25	Desai Khadi River Bridge (400m)	Geo-technical Investigation (GTI) has been completed and Design work has been taken up.

The work of the under-sea tunnel (approximately 21 km) has commenced, out of which 4.8 km of tunnel between Ghansoli and Shilphata in Maharashtra has been completed.

On the Surat -Vapi section (97 km) entire civil works including river bridge construction, have been completed and 86% of the track bed has been laid.

The Government of Japan has proposed the introduction of E10 Shinkansen trains on the Mumbai–Amdavad High Speed Rail (MAHSR) corridor which is

being developed with Japanese Shinkansen technology. However, the E10 Shinkansen trains are presently under development in Japan and the details relating to the proposal, including technical specifications and implementation schedule are to be worked out in accordance with the agreed framework between the two sides.

Further, in line with the Make in India and Aatmanirbhar Bharat initiatives, Indian Railways is promoting indigenous manufacturing of high-speed rail systems and components to reduce import dependence. Integral Coach Factory (ICF) in collaboration with M/s Bharat Earth Movers Limited (BEML) is designing and manufacturing high-speed train sets with a design speed of 280 kmph.

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