


## MUMBAI-AHMEDABAD HIGH SPEED BULLET TRAIN DEPOT IN THANE



Thane



### BACKGROUND

- The Thane depot is one of three depots planned for the Mumbai-Ahmedabad bullet train project. The under construction 508-kilometre Mumbai-Ahmedabad bullet train project, of which 153 km falls in Maharashtra, is pet project of the Prime Minister.
- The National High Speed Rail Corporation Ltd (NHSRCL), a joint venture of the government of India and participating state governments, is implementing the high-speed rail project. The Thane depot will be spread over 57 hectares.



Virar Station  
Nala Sopara  
Golden Quadrilateral  
508-km Mumbai-Ahmedabad bullet train project  
153 km falls in Maharashtra.  
12 Total Station in this section (4 station in Maharashtra)  
Thane  
Western Express Hwy  
Mumbai Airport  
Mumbai Station  
Dombivli  
THANE BULLET TRAIN DEPOT  
Mumbai-Panvel Hwy

- Tender of contract was opened on 30 May 2023 and is currently under technical evaluation.
- About 57 hectares of land is received and the acquisition process has been completed.

### FEATURES

- Sewage & effluent generated from trainsets and within the depot, shall be treated and recycled in sewage treatment and effluent treatment plants.
- Recycled water shall meet almost 70 per cent of the overall depot's water requirement.
- Garbage will be handled in mechanised handling facilities.
- Design of the depot is based on the Japanese Shinkansen depots. Well planned layout, modern architectural designs, good ventilation and natural lighting.

COMPILED BY: PRATIPACHARYA

### OFFICIALSPEAK

“About 180 numbers of 40 types of depot machineries, including bogie exchange machine, underfloor wheel re-profiling machine, testers and data readers, ultrasonic flaw detectors, train set washing plant, etc., will be used for the maintenance of the high speed train sets as per Shinkansen standard at the depot. The depot shall be energy efficient with sheds and buildings will be designed so that solar panels can be installed in the future.”