

Highlights of Tunnel Boring Machine (TBM)

Tunnelling: Tunnelling activity for Metro Line III will be primarily conducted using Tunnel Boring Machines (TBM). The machines will carry out boring 25-30 meters below the ground level and is always in rocky strata in the entire corridor. Appended are some of the pointers on TBM's for your quick reference:

- Total of 17 number of Tunnel Boring Machines will be utilized for constructing 33.5 km long twin tunnel
- TBM's will be lowered at 7 launching shafts located at appended locations:

Package	Stations	Launching Shaft	No. of TBM's used
1	Cuffe Parade to Hutatma Chowk	Colaba Woods, Cuffe Parade	2
2	Chhatrapati Shivaji Terminus to Grant Road	Azad Maidan, CST	2
3	Mumbai Central to Worli	Science Museum, Worli	2
4	Siddhivinayak to Shitaladevi	Naya Nagar, Mahim	3
5	Bandra Kurla Complex to Santacruz	Vidyanagari, Kalina	3
6	CISA Domestic Airport to CISA International Airport	Sahar Road, Andheri East	2
7	Marol Naka to Car Depot	Pali Ground, Marol Naka	3

- Status on TBM's:
 - 12 TBM's have cleared the factory acceptance test
 - 4 TBM's have already arrived, other 13 TBM's are expected to arrive in the city by February 2018
 - Out of the 4 TBM's arrived in the city 3 have been lowered and 1 machine has stated the excavation of tunnel
- Entire tunnelling activity expected to be completed in next two years and project is expected to be completed as per the schedule by December 2021