

COASTAL ROAD, METRO 3, MTHL, CR 4TH LINE

NEW YEAR ALL SET FOR INFRA TRANSFORMATION

The city has for years been waiting for three mega projects, which suffered delays due to various reasons, from the pandemic to environmental concerns. But all are nearing completion and are expected to be unveiled in phases in 2024. In addition, Central Railway, which has three busy suburban corridors, is adding a fourth to serve new areas of the metropolitan region.

Manthan Mehta & Richa Pinto report

COASTAL ROAD

Likely opening: February | Phase I South-bound arm, from Bindu Madhav Thackeray Chowk, Worli, to Marine Drive, with a second entry from Lotus Jetty near Haji Ali

May | The entire road (both south- and north-bound arms)

Progress report } **82.5%** work completed

Package*

4 Achieved (%) 90.8

1 83.8

2 69.5

*There is no 'package 3'. It was initially planned, but was later integrated into the other packages

YEAR TO THE GROUND
2023 MEETS 2024



Project cost:
₹12,721cr

METRO LINE 3

Likely opening: March | Phase I of the Colaba-BKC-Aarey underground corridor is expected to be commissioned. This would be the BKC-Aarey section

July | The remaining section, or Colaba-BKC, likely to be commissioned



Progress report:
95% work completed on Phase I

85% work on Aarey car shed completed, with only the shunting neck to be substantially worked on



Stations:

In Phase I | 9

Aarey Colony, Seepz, MIDC, Marol Naka, CSIA T2 (international), CSIA T1 (domestic), Santacruz, Vidyannagari, BKC

Both phases: **27**

26 underground

1 at grade (overground)

Project cost:
₹37,276cr

The project: 32.5 km is length of entire corridor

Execution: By Mumbai Metro Rail Corporation (MMRC)

110 services planned for Phase I, with an end-to-end travel time of 25 minutes

No	Stretch
1	Priyadarshani park to Baroda Palace
2	Baroda Palace to Bandra-Worli Sea Link
4	Tunnels (under Malabar Hill)

Length
10.6km

Reclamation
111 hectares

Area for green and recreational open spaces
70 hectares

Interchanges

3

Length of interchanges
15.7km

Median
11 metres

Carriageway
17 metres**

**9.6 metres in tunnel

Lanes
8 (4+4)*

*In tunnel 3+3

MTHL

Likely opening: January or February

The bridge: Length: **22 km**

16.5 km in sea **5.5 km** on land

Width:
27 metres

Lanes: **3+3**, excluding one emergency lane on each carriageway

Design speed:
100 kmph

Project cost:
₹17,843cr



Over four decades since it was first proposed, the Mumbai Trans-Harbour Link (MTHL) is set to be opened in a few weeks after 2024 sets in. The bridge is expected to drastically reduce travel time between Mumbai and Pune on the one hand and between Mumbai and the under-construction Navi Mumbai international airport on the other

- With projected savings of 1 crore litres of fuel a year and 25,680 million tons of carbon dioxide emissions, it will have a capacity to handle 50,000-60,000 vehicles a day

- Provisions have been made for anti-crash and noise barriers as well as an intelligent transport system to monitor traffic

- There will be interchanges at Sewri in Mumbai, and Shivaji Nagar, Jasai and Chirle in Navi Mumbai

CR'S FOURTH LINE

- Central Railway (CR) is gearing up to open the entire 27-km-long Seawoods-Uran corridor in 2024

- There is a tentative plan for Prime Minister Narendra Modi to inaugurate the line

- This is CR's fourth corridor, the other three being: Main, Harbour and Trans-Harbour

