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मुंबई रेलवे विकास कॉर्पोरेशन लिमिटेड
Mumbai Railway Vikas Corporation Ltd.

Mumbai Rail **MRVC** Corporation Ltd.

Mumbai Railway Vikas Corporation Ltd. (MRVC) was incorporated on July 12, 1999, to implement the Rail Component of Mumbai Urban Transport Project.

The Company is involved in planning and development of Mumbai Suburban Rail system and also executes the identified project.

Mission

To develop world-class infrastructure for an efficient, safe and sustainable Railway system in Mumbai suburban section and to provide comfortable and friendly train services to the commuters.

Objectives

- Integrate suburban rail capacity enhancement plans with urban development plan for Mumbai and propose investments.
- Implement the rail infrastructure projects in Mumbai suburban sections.
- Resettlement & Rehabilitation of Project Affected Households.

MUTP - I

Infrastructural inputs

- Additional corridors between Borivali-Virar on Western Railway and Kurla-Thane on Central Railway - 93 Km
- Induction of dual voltage 75 new 12-car rakes (909 Coaches).
- Completion of DC to AC conversion on Western Railway.
- Creating infrastructure for running of 12-car rakes on main lines of Central Railway & Western Railway.
- Resettlement & Rehabilitation of about 15,000 Project Affected Households.
- Extension of EMU services from Virar to Dahanu Road.

MUTP - II

Works Completed

- DC to AC Conversion on Central Railway.
- Extension of Harbour line from Andheri to Goregaon.
- Electrics procurement & manufacture of 72/12 Car Rakes.
- Station Improvement & Trespass Control at 12 Stations.
- Maintenance facilities for EMUs.
- Stabling lines for EMUs.
- 5th & 6th Lines between Thane-Diva.

Works in Progress

- 6th Line between Mumbai Central-Borivali.
- 5th & 6th Lines between CSMT-Kurla.



Mumbai Urban Transport Project (MUTP): Journey Since 2003.....

	MUTP I (Completed)	MUTP II (in progress)
Additional Track Km.	93 Kms.	90 Kms.
New EMU Coaches	909	864
Energy Saving	35%	35%
New Services	559	200
Conversion from 9 to 12 Car	All Main Line Services of WR & CR with 12 car	Harbour Line & Trans-Harbour line of CR
Additional Carrying Capacity	36%	20%
DC-AC Conversion	WR (completed)	CR (completed)

MUTP III (Under Implementation)

S.N.	Name of the Work	Unit	Completion Cost in Cr. (₹)
1	Quadrupling of the Virar-Dahanu Road on Western Railway	128 TKM	3578
2	New Suburban Railway Corridor between Panvel-Karjat on Central Railway (double line)	56 TKM	2783
3	New Suburban Corridor Link between Airoli-Kalwa (elevated) on Central Railway	8 TKM	476
4	Procurement of Rolling Stock-12 Car Air-Conditioned EMU Rakes	47 Rakes	3491
5	Trespass Control on mid-section on Central & Western Railway	Different Locations	551

Total Cost is ₹ 10,947 Cr.

Benefits of MUTP III

- Creation of additional capacity by introducing new suburban corridors
- New suburban corridors will lead to development of new CBDs
- Reduction in fatalities due to trespassing & falling - off passengers from trains etc.
- Decongestion of Thane Station due to direct trains between Kalyan & Panvel
- Reduction of 30 minutes in travel time from CSMT to Karjat

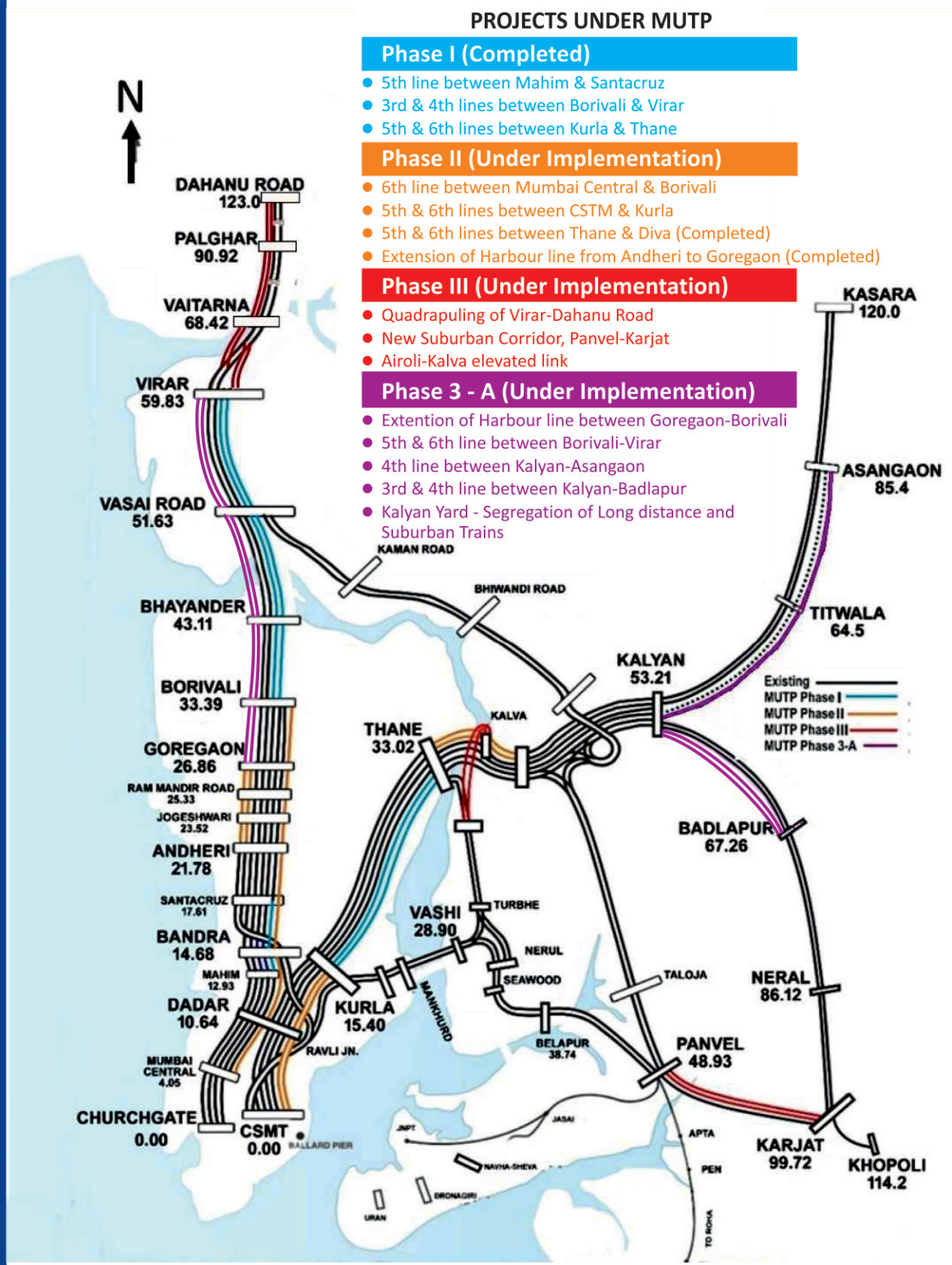
MUTP III-A

A Massive Infrastructure Input to Mumbai Suburban

S.N.	MUTP III-A corridors	Unit	Cost in Crs. (₹)
1	Extension of Harbour Line between Goregaon-Borivali	7 RKM	826
2	5th & 6th line between Borivali-Virar	26 RKM	2184
3	4th line between Kalyan-Asangaon	32 RKM	1759
4	3rd & 4th line between Kalyan-Badlapur	14 RKM	1510
5	Kalyan Yard - Segregation of Long distance and Suburban Trains	Yard	866
6	a) CBTC on Harbour (CSMT-Panvel), (MM-GMN) and Trans Harbour	89 RKM	1391
	b) CBTC on CSMT-Kalyan of Central Railway	55 RKM	2166
	c) CBTC on Churchgate-Virar of Western Railway	60 RKM	2371
7	Station Improvement	-	947
8	Procurement of Rolling Stock - 12 Car Air-Conditioned EMU Rakes	191 Rakes	15802
9	Maintenance facilities for Rolling Stock	-	2353
10	Stabling Lines	-	557
11	Augmentation of Power Supply Arrangement	-	708
12	Technical Assistance	-	250

Total Cost ₹ 33,690 Cr.

Mumbai Suburban Rail - Network



MUMBAI RAILWAY VIKAS CORPORATION LTD.

(A PSU of Govt. of India, Ministry of Railways)

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