

India : Mumbai Urban Transport Project - Phase III (MUTP)

1. Project Information

Project ID:	P000228	Instrument ID:	L0228A
Member:	India	Region:	Southern Asia
Sector:	Transport	Sub-sector:	Urban transport
Instrument type:	<input checked="" type="checkbox"/> Loan:500.00 USD million <input type="checkbox"/> Guarantee	Co-financier(s):	
ES category:	A	Borrower:	Republic of India
Implementing Entity:	Public Works Roads Department of Assam State, India		
Project Team Leader:	Weimin Zhou		
Project Team Members:	Aditi Khosla, Project Counsel; Bernardita Saez, Alternate Counsel; Susrutha Goonasekera, OSD - Social Development Specialist; Gerardo Pio Parco, OSD - Environment Specialist; Jurminla Jurminla, OSD - Procurement Specialist; Shonell Robinson, OSD - Financial Management Specialist;		
Completed Site Visits by AIIB:	None		
Planned Site Visits by AIIB:	None. Will schedule when COVID situation allows		
Current Red Flags Assigned:	1		
Current Monitoring Regime:	Regular Monitoring		
Previous Red Flags Assigned:	1		
Previous Red Flags Assigned Date:	2021 Q2		

2. Project Summary and Objectives

The Project Objective is to improve the network capacity, service quality and safety of Mumbai suburban railway system. Through providing better and more efficient connection among various districts, it will improve mobility and safety of the suburban population of Mumbai Metropolitan Region. The Project consists of four components as follows:

(i)

Quadrupling of the suburban rail corridor between Virar – Dahanu Road Station (64 km) to provide extension of suburban railway service which will serve growing suburban areas and connect the peripheral areas with Mumbai.

(ii)

Construction of new suburban railway corridor between Panvel and Karjat (28 km) to cater to the demand of commuters in the area under rapid urbanization and population growth.

(iii)

Installation of midsection trespass control measures, such as track segregation by fencing or reinforced concrete wall, pedestrian crossings over or under the tracks, on 36 priority sections of existing lines to reduce fatal accidents.

(iv)

Institutional strengthening, capacity building and technical assistance to strengthen institutional capacity of the

implementing entity.

The total project investment is about USD 997 million, where USD 500 million is from AIIB loan. This is a standalone project.

3. Key Dates

Approval:	Sep. 26, 2019	Signing:	Aug. 24, 2020
Effective:	Oct. 31, 2020	Restructured (if any):	
Orig. Closing:	Oct. 31, 2025	Rev. Closing (if any):	

4. Disbursement Summary (USD million)

Contract Awarded:	307.00	Cancellation (if any):	0.00
Disbursed:	12.21	Most recent disbursement (amount/date):	1.50/Nov. 10, 2021
Undisbursed:	487.79	Disbursement Ratio (%) ¹ :	2.00

5. Project Implementation Update

In general, the project implementation is progressing, but with delays due to the COVID situation. In the past six months the implementation started picking up after the second wave of COVID in Mumbai. Procurement of this project has been performing smoothly following the procurement plan. There are total 58 contracts in the procurement plan. 30 contracts have been awarded, including 9 large civil works contracts with total contract values of USD 284.4 million. There has been substantial physical progress in the civil works of Component 3 - Mid-section Trespass control. However, the physical progress on the civil works of Component 1 and Component 2 has been limited due to the COVID situation. 21 contracts of consulting services have been awarded including the hiring of the General Consultant (GC), and GC is on board working with the Project Implementing Agency closely. The latest disbursement of USD 1.5 million was withdrawn in November 2021. In total the disbursement of this project in 2021 reached to USD 11 million, which is much less than the forecast at the beginning of 2021. Based on the updated implementation plan, the disbursement in 2022 will be about USD 32 million.

Regarding land acquisition, 79% of land acquisition was completed from government land transfer and direct purchase of private land. The remaining private lands (around 60 Ha) plan to be acquired through compulsory land acquisition based on Railway Act 2008. The notifications were published in the Gazette of India and newspapers. It is expected the compulsory land acquisition process will conclude by March 31, 2022. The proposals of land acquisition of forest land (around 10 Ha) were submitted to the government office for approval in March 2021, and will be concluded by March 31, 2022. It is confirmed from MRVC that the on-going land acquisition process will not delay the construction in the next 6 months, since contractors have enough available lands to work on based on the updated implementation plan.

It was however noted that the loan proceeds disbursed from AIIB cannot be replenished into MRVC's account in a timely manner due to delay transfer by GoM. This matter is in concerning to the Bank as it has implications for MRVC's cash flows. Therefore, the Bank has raised this concern during the Tripartite Portfolio Review Meeting (TPRM) on Nov 16, 2021. MRVC is also encouraged to have continuous discussions with GoM to have this matter resolved. Following the TPRM, The AIIB vice president sent a letter to the Chief Secretary of GoM to seek his

¹ Disbursement Ratio is defined as the volume (e.g. the dollar amount) of total disbursed amount as a percentage of the net committed volume.

support on this matter.

Components	Physical Progress	Environmental & Social Compliance	Procurement	Financial Management
Component 1: Quadrupling of Virar-Dhanu Road Corridor [USD 511 million]	3 contracts out of 12 in Component 1 were awarded. All awarded contracts are large-value civil works contracts, but with limited physical progress due to COVID situation	No issue	No issue	Currently FM system performs well. Two un-audited financial report were submitted in the past six months. The audited report for the period which ended March 31, 2021, was submitted in December 2021 on time. These reports are complete and acceptable to the Bank. There are no significant concerns noted.
Component 2: New Suburban Railway Corridor between Panvel and Karjat [USD 397 million]	2 contracts out of 12 in Component 2 were awarded. Both awarded contracts are large-value civil works contracts, but with limited physical progress due to COVID situation.	No issues	No issue	
Component 3: Midsection Trespass Control [USD 79 million]	4 contracts out of 6 were awarded. All of them are under implementation. 59% of the boundary walls have been contracted, and 11 Fly-over bridges have been built.	No issues	No issue	
Component 4: Institutional Strengthening, Capacity Building and Technical Assistance [USD 8.75 million]	21 contracts out of 28 have been awarded and are under implementation.	N/A	No issue	

6. Status of the Grievance Redress Mechanism (GRM)

A two-tier project level GRM has been established by MRVC. A government decree has been issued to define the detailed constitution and functionality of the GRM. Further, a separate GRM is being established for the workers to address workplace concerns, working conditions, occupational health and safety, code of conduct for workers (Gender-Based Violence in the workplace). The client has been maintaining a comprehensive GRM logging table, and keeps tracking all the GRMs and responses. Till the end of Sep 2021, the number of total grievances received by the GRM is 220 cases, and 218 were successfully resolved and 2 were under processing.

7. Results Monitoring

Since the project was declared effective at the end of October 2020, the physical progress is limited. We are waiting for the Q4 progress report due by mid-Feb 2022 to report the updated result indicators. The updated result indicators of 2021 will be recorded in the next PIMR.

Project Objective Indicators #1

Average daily ridership - Virar-Dahanu Road Station (number of passengers)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	95100	Baseline
Jan. 01, 2021	N/A	N/A	
Jan. 01, 2022	N/A	To be completed in next PIMR	
Jan. 01, 2023	N/A	To be completed when due	
Jan. 01, 2024	N/A	To be completed when due	
Jan. 01, 2025	N/A	To be completed when due	
Nov. 01, 2025	467000	To be completed when due	End Target

Project Objective Indicators #2

Average daily ridership - Panvel-Karjat Station (number of passengers)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	0	Baseline
Jan. 01, 2021	N/A	N/A	
Jan. 01, 2022	N/A	To be completed in next PIMR	
Jan. 01, 2023	N/A	To be completed when due	
Jan. 01, 2024	N/A	To be completed when due	
Jan. 01, 2025	N/A	To be completed when due	
Nov. 01, 2025	238000	To be completed when due	End Target

Project Objective Indicators #3

Reduced Journey Time - Virar-Dahanu Road Station (minutes)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	80	Baseline
Jan. 01, 2021	N/A	N/A	
Jan. 01, 2022	N/A	To be completed in next PIMR	
Jan. 01, 2023	N/A	To be completed when due	
Jan. 01, 2024	N/A	To be completed when due	
Jan. 01, 2025	N/A	To be completed when due	
Nov. 01, 2025	76	To be completed when due	End Target

Project Objective Indicators #4
Reduced Journey Time - CSTM-Karjat Station(minutes)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	139	Baseline
Jan. 01, 2021	N/A	N/A	
Jan. 01, 2022	N/A	To be completed in next PIMR	
Jan. 01, 2023	N/A	To be completed when due	
Jan. 01, 2024	N/A	To be completed when due	
Jan. 01, 2025	N/A	To be completed when due	
Nov. 01, 2025	110	To be completed when due	End Target

Project Objective Indicators #5
Reduction in accidents caused by trespassing in selected locations (percentage)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	0	Baseline
Jan. 01, 2021	N/A	N/A	
Jan. 01, 2022	N/A	To be completed in next PIMR	
Jan. 01, 2023	N/A	To be completed when due	
Jan. 01, 2024	N/A	To be completed when due	
Jan. 01, 2025	70	To be completed when due	End Target

Project Objective Indicators #6

Percentage of female passengers neutral toward, satisfied or very satisfied with station facilities and services (percentage)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	54.8	Baseline
Jan. 01, 2021	N/A	N/A	
Jan. 01, 2022	N/A	To be completed in next PIMR	
Jan. 01, 2023	N/A	To be completed when due	
Jan. 01, 2024	N/A	To be completed when due	
Jan. 01, 2025	N/A	To be completed when due	
Nov. 01, 2025	80	To be completed when due	End Target

Intermediate Result Indicators #1

Construction of Quadrupling of Virar-Dahanu Road Station (percentage)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	0	Baseline
Jan. 01, 2021	5	0	
Jan. 01, 2022	20	To be completed in next PIMR	
Jan. 01, 2023	45	To be completed when due	
Jan. 01, 2024	70	To be completed when due	
Jan. 01, 2025	100	To be completed when due	End Target

Intermediate Result Indicators #2

Construction of Panvel-Karjat station corridor (percentage)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	0	Baseline
Jan. 01, 2021	5	0	
Jan. 01, 2022	20	To be completed in next PIMR	
Jan. 01, 2023	45	To be completed when due	
Jan. 01, 2024	70	To be completed when due	
Jan. 01, 2025	100	To be completed when due	End Target

Intermediate Result Indicators #3

Construction of trespass control measures (number)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	0	Baseline
Jan. 01, 2021	0	0	
Jan. 01, 2022	0	To be completed in next PIMR	
Jan. 01, 2023	12	To be completed when due	
Jan. 01, 2024	36	To be completed when due	
Jan. 01, 2025	36	To be completed when due	End Target

Intermediate Result Indicators #4

Average trip length - Virar - Dahanu Road (km)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	30	Baseline
Jan. 01, 2021	N/A	N/A	
Jan. 01, 2022	N/A	To be completed in next PIMR	
Jan. 01, 2023	N/A	To be completed when due	
Jan. 01, 2024	N/A	To be completed when due	
Jan. 01, 2025	N/A	To be completed when due	
Nov. 01, 2025	30	To be completed when due	End Target

Intermediate Result Indicators #5

Average trip length - Panvel-Karjat (km)

Year	Target	Actual	Comments, if any
Jan. 01, 2020	N/A	0	Baseline
Jan. 01, 2021	N/A	N/A	
Dec. 02, 2021	N/A	To be completed in next PIMR	
Jan. 01, 2023	N/A	To be completed when due	
Jan. 01, 2024	N/A	To be completed when due	
Jan. 01, 2025	N/A	To be completed when due	
Nov. 01, 2025	26	To be completed when due	End Target

Remarks:

For most of the Project Objective Indicators, the results will be surveyed at the first year of operation of these lines; therefore, N/A is shown in the table above.

