

Social Monitoring Report

Project No:52298-001
Loan Number: 3911
Semiannual Report (January–June 2022)
July 2022

India: Maharashtra State Road Improvement Project

Prepared by Public Works Department, Government of Maharashtra and the Asian Development Bank.

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Table of Content

1 ABBREVIATIONS	1
2 PREAMBLE	2
3 SAFEGUARD MONITORING REPORT	3
A. EXECUTIVE SUMMARY	3
B. BACKGROUND OF THE REPORT AND PROJECT DESCRIPTION	7
C. SCOPE OF IMPACTs	16
D. COMPENSATION AND REHABILITATION	20
E. PUBLIC PARTICIPATION AND CONSULTATION	31
F. GRIEVANCE REDRESSAL MECHANISM (GRM)	34
G. INSTITUTIONAL ARRANGEMENT	55
H. MONITORING RESULTs -FINDINGS	59
I. COMPLIANCE STATUS	60
J. FOLLOW UP ACTIONS, RECOMMENDATION AND DISCLOSURE	64
K. ANNEXURES	65
Annexure 1 – PMS Site Visit Report – Solapur	
Annexure 2 – Glimpses of Resettlement & Rehabilitation Activities	
Annexure 3 – PMS Site Visit Report – Yavatmal	
Annexure 4 – PMS Site Visit Report – Amravati	
Annexure 5 – PMS Site Visit Report – Amravati	
Annexure 6 – Glimpses of Informal Meeting and Consultation at EPC 1,2,3,4 & 9	
Annexure 7 – PMS Site Visit Report – EPC 6	
Annexure 8 – PMS Site Visit Report – Ratnagiri	
Annexure 9 – Glimpses of Informal Meeting and Consultation at EPC 5	
Annexure 10 – Glimpses of Informal Meeting and Consultation at EPC 6	
Annexure 11 – Glimpses of Informal Meeting and Consultation at EPC 7	
Annexure 12 – Glimpses of Informal Meeting and Consultation at EPC 8	

List of Tables

- Table 1: Activity Status during the reporting period of all project roads
- Table 2: Details of Project Roads
- Table 3: Status of Physical Progress of Subproject under MSRIP -1 as on 30 June 2021
- Table 4: EPC/Subproject Road wise Resettlement Impacts as per RP.
- Table 5: Revised status of Resettlement Impacts during the reporting period.
- Table 6: Status of Compensation payment and RP Implementation Status
- Table 7: Budget Comparison of Micro Plan and RP
- Table 8: Format for Public Consultation and Disclosure Plan
- Table 9: Summary of Public Consultation held during the reporting period
- Table 10: Details of Grievance Registration Status in the Reporting Period (as on 30th June 2021)
- Table 11: Agencies involved in resettlement
- Table 12: Agencies Responsible for Resettlement Implementation
- Table 13: Monitoring results during the reporting period as on 30 June 2021
- Table 14: Compliance Status against Loan Covenants, Final RPs

1. ABBREVIATIONS

ADB	Asian Development Bank
AP	Affected Person
ARO	Assistant Resettlement Officer
AE	Assistant Engineer
BPL	Below Poverty Line
BSR	Basic Schedule of Rates
CAP	Corrective Action Plan
CE	Chief Engineer
COI	Corridor of Impact
CPR	Common Property Resources
DC	District Collector
DLAO	District Land Acquisition Officer
DP	Displaced Person
DH	Displaced Household
DPR	Detailed Project Report
EA	Executing Agency
EE	Executive Engineer
FGD	Focus Group Discussion
FHH	Female Headed Household
GOI	Government of India
GOM	Government of Maharashtra
GRC	Grievance Redress Cell
GRM	Grievance Redress Mechanism
HH	Household
IP	Indigenous People
IR	Involuntary Resettlement
LA	Land Acquisition
LAA	Land Acquisition Act
LAP	Land Acquisition Plan
LAR	Land Acquisition and Resettlement
M&E	Monitoring and Evaluation
MPWD	Maharashtra Public Works Department
MSRIP	Maharashtra State Road Improvement Project
NGO	Non-Government Organization
NTH	Non-Titled Holder
PIU	Project Implementation Unit
PMC	Project Management Cell
RP	Resettlement Plan
ROW	Right of Way
SC	Schedule Caste
SDO	Social Development Officer
SE	Superintending Engineer
SES	Socio Economic Survey
SIA	Social Impact Assessment
SPS	Safeguard Policy Statement
SRU	Social & Resettlement Unit
TH	Titled Holder
TOR	Terms of References

2. PREAMBLE

The Government of India has received financial assistance from Asian Development Bank (ADB) towards the cost of the proposed Maharashtra State Improvement Project aiming to improve the road connectivity in the state of Maharashtra. The executing agency for the proposed project is Maharashtra Public Works Department (MPWD).

The Maharashtra Public Works Department (MPWD) is implementing the project with primary objective of improvement of state highways / major district roads under the Engineering Procurement and construction (EPC) Contract with the Asian Development Bank's financial assistance.

Project Management Consultant has been appointed in February 2021 to assist implementation of the project

This semiannual report on Social Safeguard Monitoring is prepared based on the data provided by PIUs and AEs.

Formats which were provided to them, were as received and agreed with Social and Gender Expert, PMU.

This format was discussed with PMU before sending to all PIUs / AEs for their reporting. This report is for the period 1st January to 30th June 2022.

The Consultant thanks PMU, PIUs and AE for supporting in a short time. Special thanks to Social and Gender Expert, PMU for his kind support.

3. SOCIAL SAFEGUARD MONITORING REPORT

This Semi Annual Social Safeguard Monitoring Report includes brief on various aspects covered in the report including executive summary, background of the report and project description, scope of impacts, compensation and rehabilitation, public participation and consultation, grievance redressal mechanism (GRM), institutional arrangement, monitoring results –findings, compliance status follow up actions, recommendation and disclosure

A. EXECUTIVE SUMMARY

1. The Executive summary includes a brief on the status of RP implementation and social monitoring indicators such as income restoration, social measures during construction as per contract provisions, key findings and recommendations etc.

Project Description

2. Project scope is to provide smooth traffic movement for the escalating traffic and enhance capacity and improved services to alleviate the likely capacity constraints to be generated after the future development in the region. The project on its implementation has increased the physical infrastructure and boosted the economic growth in the region.
3. The main objective of this monitoring report is to monitor the subproject impacts and to determine whether resettlement goals have been achieved and, more importantly, whether livelihood and living standards have been at least restored and/or enhanced and suggesting suitable recommendations for improvement. This report covers resettlement and social safeguards monitoring results to comply with the spirit of ADB policy to 'enhance stakeholders' trust 'in and ability to engage with ADB and thereby increase the development impact (of projects) in which disclosure of safeguard monitoring is a prominent aspect.

Table 1. Activity status during the reporting period of all project roads

Ref.	Scope	Progress/Status during reporting period
I	Preconstruction activities and R&R activities:	
1	Assessment of resettlement impacts due to changes in project design (if required)	Not Applicable to any EPC
2	Preparation/updating of resettlement plan based on changes in project design	No changes in design of all sub-project roads. The RP revisions will be prepared and submitted for disclose to publics.
3	Approval of updated resettlement plan from ADB	Changes from Resettlement Plan will be submitted separately for public display in ADB website
4	Disclosure of updated resettlement plan	Activity to be initiated after completion of compensation.
5	Establishment of Grievance Redress Mechanism	Grievance Redressal Committee has been established, one at PIU level and another at PMU level at all EPC. It is in force as it is given in the resettlement Plan.

Ref.	Scope	Progress/Status during reporting period
6	Capacity building of MPWD	Capacity building workshops were conducted earlier. In this reporting period (Jan – Jun 2022) no capacity building training program organized for MPWD.
7	Verification of displaced persons census list; finalization of compensation and assistance	Identification and verification of all the affected DPs have been completed. Distribution of compensation is also completed except 2 Nos of DPs in EPC 8B. These 2 DPs is not willing to accept the assistance without giving any reason. They don't want their encroached structures. Consultation is done with DPs but they are not agreed. PIU may decide to take police assistance in case they do not removed the extended portion of their structures.
II	Impact :	
1.	Land	Land measuring 216 Sqm is getting impacted which is the same as the disclosed in RP. No new impact on land is investigated in this reporting period.
2.	Physical Displacement	Displaced households are assessed as 354 Nos from 380 Nos.
3.	Structures Affected	Affected structures are 473 Nos as assessed from 399 Nos
4.	CPRs	76 Nos from initial report 42 Nos
5.	Impact Minimization Measures	The road has minimum social impact and all the possible engineering efforts have been made to minimize the adverse social impact.
6.	Census and Socio-Economic Survey	Total 900 DPs (Squatter/Encroachment) are being impacted as per the approved RP, mostly are commercial structures.
7.	Land acquisition	The compensation amount was given to the District Collector Office for acquiring the land of 216 Sqm for distribution to affected persons.
8.	Entitlements	ADB's policy of IR had been applied and entitlement matrix Is included in RP.
9.	Public Consultation and Disclosure	Public consultation are being carried during the project implementation.
10.	Impact on Tribal People	Impact on tribal people is not envisaged as part of the project.
11.	Resettlement Sites	Any resettlement site is not envisaged.
12.	Socio-Economic Rehabilitation Measures	Resettlement Plan (RP) has been prepared.

Ref.	Scope	Progress/Status during reporting period
13.	Implementation Arrangement	Social safeguard implementation is part of the contract of MPWD. PMU along with the PIU personnel is the core group responsible for social safeguard implementation at the project site. PMU and PIU are assisting in overall implementation of social safeguards. Authority Engineer has been appointed to assist and monitor the social safeguard activities, reporting, gender action plan implementation etc.
III	Resettlement Plan Implementation :	
1.	Disbursement of assistance to displaced persons.	100% ID cards distributed at EPC 3 to EPC 9 and EPC 1 & 2 are in progress. Distribution of compensation is achieved by 100% except 11 Nos of DPs in EPC 4 & 2 Nos of DPs in EPC 8B.
2	Disbursement of special assistance to disadvantaged groups	All the Displaced Person is considered Vulnerable Group since, all these DPSs are non-titleholder. As per RP there is no other "disadvantaged groups" accordingly no special assistance.
3	Relocation of displaced persons	No relocation of DPs as per the Micro Plan.
4	Records of grievance redressal	Grievance are being recorded and resolved in all EPC, it is an ongoing process
5	Income restoration measures through training	No impacts recorded till date. During Training Need Assessment (TNA) the most of the affected persons denied for training and requested cash payment, so training amount will be disbursed with R&R assistance.
6	Temporary relocation of hawkers and vendors'	Not required based on assessment conducted in all EPC.
IV	Income Restoration:	
1.	Reestablishment of income generating activity to earlier levels of production / enterprise	Restored the income level of affected PAPs.
2.	Restoration of pre project income levels and living standard	There is no proposal for income restoration as no DPs are losing their business.
3.	Training provided	Not required as none of the DPs are losing their existing business.
4.	Sustainability of income activity	Not applicable
5.	Adequacy of assistance for establishment of income activity	Not applicable
V	Social measures during construction as per contract provisions :	
1	Prohibition of employment or use of children as labor	Already in force in all construction packages. Not noticed in any EPC

Ref.	Scope	Progress/Status during reporting period
2	Prohibition of forced or compulsory Labor	Already in force in all construction packages. Not noticed in any EPC
3	Ensure equal pay for equal work to both men and women	Already in force in all construction packages. Equal pay for equal work is being monitored in all EPC
4	Implementation of all statutory provisions on labor like health, safety, welfare, sanitation, and working	Already in force in all construction packages. Implementation Is being monitored in all EPC
5	Maintenance of employment records of workers	Records are maintained at EPC

B. BACKGROUND OF THE REPORT AND PROJECT DESCRIPTION

4. The main objective of this monitoring report is to supervise the subproject impacts and to determine whether resettlement goals have been achieved and, more importantly, whether livelihood and living standards have been at least restored and/or enhanced and suggesting suitable recommendations for improvement. This report covers resettlement and social safeguards monitoring results to comply with the spirit of ADB policy to enhance stakeholders trust in and ability to engage with ADB and thereby increase the development impact (of projects) in which disclosure of safeguard monitoring is a prominent aspect.
5. The Government of Maharashtra (GoI) has embarked upon a comprehensive program to upgrade its road network in the State. To enhance capacity and efficiency in improving the State road network, the state government has established the State PWD of Maharashtra (MPWD). The broadest responsibilities include the development, maintenance, and management of any state roads entrusted by the state government.
6. As part of this mandate, Maharashtra State Road Improvement Project (MSRIP) phase 1 has been conceptualized to improve State highways connectivity. This Project aims to enhance the connectivity to the neglected area by improving the road infrastructure and providing connectivity, which will contribute towards the expansion of economic opportunities, hence reducing the interstate disparities within India. The Project will also result in improved livelihood and trade opportunities for non-urban population.
7. The Project will also provide support in increasing the institutional capacity of the MSRIP as a road development agency, aiming to ensure long-term sustainable development and maintenance of the State road network in Maharashtra State. MSRIP is the nodal agency for promoting road safety in Maharashtra based on the road safety master plan to be developed under the Project Social Safeguard Categorization.
8. The Project is classified as 'B' for involuntary resettlement (IR) as per the Safeguards Policy Statement (SPS), 2009. The Project is not trigger the land acquisition except the 216 Sq.m. in EPC 5 and resettlement impacts on land, structures owned by title-holders (TH), as well as auxiliary structures belonging to non-titled households (NTHs) in 9 subprojects (Phase 1).
9. This consolidated report outlines monitoring the implementation of social safeguard activities, from July to December 2021, in accordance with the ADB Safeguard Policy (SPS), 2009. The Project involves rehabilitation/reconstruction and widening of 13 existing roads totaling 451.45 km in length. The MSRIP has prepared 9 Resettlement Plans (RP) and during the processing of the loan with the objective to assist the affected people in improving or at least restoring their living standards to the pre-impacted level. The RPs capture the involuntary resettlement impacts arising out of the proposed improvements to 13 roads spread over the Maharashtra State. The details of the subprojects are provided in Table 2, and the index map is presented in Figure 1.

Table 2. Details of Project Roads

EPC	Description of Sub project Road	Project Length	Affected Length as per RP	Any change in scope of Work (if applicable)
EPC 1a	Kante – Tulsani – Devrukh (SH-174) (From 0/00 To 23/500) at Ratnagiri	23.500 km	2.18 km	Change of scope has occurred. Change order has been issued to AE 1 and 2 for RP implementation. AE is conducting initial consultation and verification of DP's and preparing Micro Plan.
EPC 1b	Chafe Ganpatipule Road (MDR 55) (From 0/00 To 10/350) at Ratnagiri	10.350 km	Nil	
EPC 2a	Dabhole –Shiposhi –Korle -Vatul Road joining to NH- 17 (SH -175) (From 0/00 To 28/100) at Ratnagiri	28.100 km	2.96 km	
EPC 2b	Hatiwale – Jaitapur Raod (SH-170) (From 0/00 To 23/700) at Ratnagiri	23.700 km	Nil	
EPC 3	Barshi Solapur Akkalkot Dudhani Aland to State border Road SH 204 Km 1/400 to 63/300 Part Barshi to Solapur Tal. Barshi, Dist. Solapur	61.900 km	2.115 km	
EPC 4	Daund Karmala Paranda Barshi Osmanabad Road SH 68 Km 137/260 to 189/120 at Solapur	50.540 km	2.393 km	
EPC 5	Shrirampur Vaijapur Risod Washim Pusad Fulsawangi Mandvi Road (Section Washim Pusad) in Washim & Yavatmal Dist.-51 Km 242/200 to 298/249	56.050 km	1.64 km	
EPC 6	Riddhapur Teosa Kurha Anjansingi Dhamangaon Rly Devgaon Babhulgaon Road SH-300 Km. 40/600 to 108/00 and Dhamangaon Bypass Road KM 0/00 to 6/565 TQ. Teosa Dist. Amravati & Yavatmal	64.660 km	1.00 km	
EPC 7a	Walgaon Daryapur Akot SH 47 Road (Daryapur to Rambhapur Phata), Dist. Amravati & Akola. Km 156/00 to 180/00.	24.000 km	0.88 km	
EPC 7b	AmlaRunmochanAsara Road. Dist. Amravati MDR-21 and SH 301 (17.50 Km) Dist. Amaravati.	17.550 km	0.100 km	
EPC 8a	Amravati Chandur Rly Talegaon Road SH 297 Km 32/200 To 49/155 Tq. Chandur Rly Dist. Amravati.	15.075 km	Nil	
EPC 8b	RiddhapurLehegaonNerPingalaiTeosa Road SH-300 Km. 0/00 to 40/800 Tal. Morshi Dist. Amravati.	40.800 km	1.741 km	
EPC 9	DaundKarmalaParandaBarshiOsmana bad Road SH 68 Km 208/160 to 250/155, at Solapur.	35.225 km	0.815 km	
	Total	451.450 km	15.824 kms	

10. Importance Significance of the Subprojects of MSRIIP Phase 1

- **EPC 1** - The road falls in the district of Ratnagiri and the affected villages are Tulsani, Nive and Sambarewadi. Connects SH-164, SH-4 and NH-66, Jaigad Port and International pilgrim centre of Ganpatipule. It also serves as a link to several bauxite mines of the region. The project stretch SH 174, is one of the prioritized roads in the MRIP which spans the total length of 23.50 Km.
- **EPC 2** - The road falls in the district of Ratnagiri and the affected villages are Dabhole, Baing, Shiposhi, Kolhewadi, Hasal, Govil, Guravwadi,, Korle, Bhanbed, Mogargaon, Vilavade and Vatul. It also provides all-weather access to marketplaces for sea foods and mining products. Also connects many tourist places like Vijaydurg fort, Dande beach, Madaban beach, Ambolgaad beach and Rock Art in Konkan. It is an alternative shorter route joining NH 66 from Sangmeshwar to Watul. Preferred route from Satara and Sangli to Konkan region. It also serves as the shortest route to reach Rajapur Gangatirth and Marleshwar, the tourist and pilgrim centres.
- **EPC 3** - The road falls in the district of Solapur and the affected villages are Saundre, Pangaon, Vairag, Shelgaon, Dhafal, Vadala, Nanjaj, Karamba, and Bale. SH-204 Barshi-Solapur (km 1+400 to km 63+300) Connects with NH-09 and abutting industries and religious destinations viz. Bhagwant Temple in Barshi, Kamladevi Temple in Karmala, Siddheshwar Temple in Solapur. Directly links Barshi taluka to district HQ. Provides market linkage to predominant agro-products of the region like cotton, pulses, Jowars etc. Road joins NH-09, NH-211 and NH-161 with each other and their abutting industries. Links with religious destinations viz. Siddhivinayak and Jagdamba temple in Rashin, Bhagvant, Tulja Bhavani and Kamladevi Temple in Barshi, Tuljapur and Karmala. respectively.
- **EPC 4** - The road falls in the district of Solapur and the affected villages are Korti, Hawaldarwadi, Vihal, Veet, Morwadi, Karmala, Pandegaon, Slgaon, Pisare, Salse, Awati and Rossa. The project road joins NH- 09, NH-211 and NH-161 with each other and their abutting industries. Links with religious destinations viz. Siddhivinayak and Jagdamba temple in Rashin, Bhagvant, Tulja Bhavani and Kamladevi Temple in Barshi, Tuljapur and Karmala respectively. Road connects with NH 53 and NH 161 and industrial areas abutting them. Joins 2 district HQs Washim and Yavatmal. Benefit the pilgrims visiting, popular pilgrimage Mahur Gad. Provides a marketplace for agri-products like soya bean, cotton etc.
- **EPC 5** - The road falls in the district of Yavatmal and the affected villages are Pimpalgaon, Marwadi, Khandhala, Nimbhi and Pusad. Road joins with 2 National Highways and district headquarters of Amravati and Yavatmal, connecting agriculture produce areas to marketplaces at Tiwasa, Dhamangaon, Babhulgaon and Yavatmal.
- **EPC 6** - The road falls in the district of Amravati and the affected villages are Tiwasa, Kurha, Anjansingi, Dhamangaon, Deogaon and Babhulgaon. Road caters to the large rural population of Amravati and Akola. Besides connecting Daryapur Taluka to National Highways NH-161 A, it will also benefit the industrial areas especially ginning factories of Daryapur. Will improve access to tourist places like Narnala fort close to Akot.
- **EPC 7** - The road falls in the district of Amravati and the affected villages are Wadnergangai, Yawda, Daryapur, Amala, Runmochan and Asra. Road connects Daryapur Taluka to District HQ and benefits industrial areas (ginning factories). It will also benefit the people who visit Runmochan, where the mendicant-saint and social reformer Gadge Maharaj used to give discourses. This caters to large rural population of Amravati and Akola. Besides connecting Daryapur Taluka to National Highways NH-

161 A, it will also benefit the industrial areas especially ginning factories of Daryapur. It will improve access to tourist places like Narnala Fort close to Akot.

- **EPC 8** - The road falls in the district of Amravati and the affected villages are Shendurjana Khurd, Talegaon, Ridhapur, Dhamangaon, Lehegaon, Nerpingalai, Sawargaon and Tiwasa. Road provides linkage to NH 353 K and NH 6. It connects to very important place of worship, Ridhapur, the place where the founder of the sect known as *Mahanubhav Panth* had dwelt for long. It is also the place where the first literature in Marathi language was composed. Important road connecting Taluka Tiwsa, Kurha and Chandur Bazar to SH-12 which further connects Mumbai and Nagpur. It is an important link for connecting rural population to the nearest railway station of Chandur Railway.
- **EPC 9** - The road falls in the district of Solapur and the affected villages are Lakshachiwadi, Barshi, Kadamwasti, Shelgaon, Tandulwadi, Chikharde, Nari, Narewadi and Osmanabad. The project road joins NH- 09, NH 211 and NH-161 and abutting Industrial areas. Provides direct connectivity to some important religious destinations i.e. Siddhivinayak Temple, Jagdamba Mata temple in Rashin, Bhagvant Temple in Barshi, Tulja Bhavani Temple in Tuljapur, Kamladevi Temple in Karmala, etc. Road joins NH- 09, NH 211 and NH-161 and abutting Industrial areas. Provides direct connectivity to some important religious destinations i.e. Siddhivinayak Temple, Jagdamba Mata temple in Rashin, Bhagvant Temple in Barshi, Tulja Bhavani Temple in Tuljapur, Kamladevi Temple in Karmal

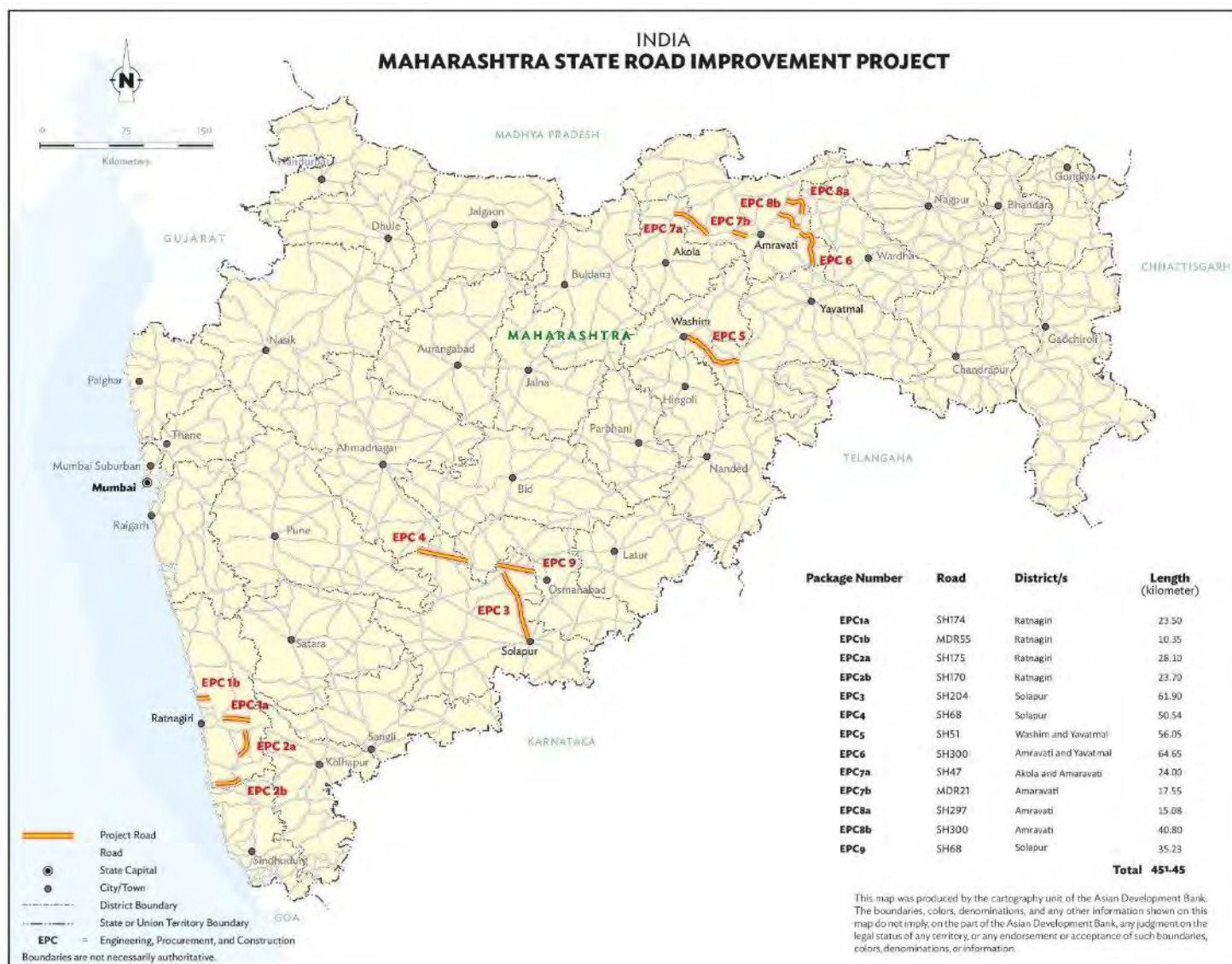


Figure 1. Location Index Map of road subproject

The length of the project is 451.45 km. It consists of 13 stretches and 13 work packages. Maps of individual project stretches is given on Figure 1.

11. The civil works contracts for project roads under the MSRIIP were awarded in 2019 - 2020, under 9 EPC contracts out of which for 13 road stretches. Due to the lockdown scenario and to restrict the spread of COVID-19, availability of workforce had been reduced and hence the overall progress is below the planned progress for all EPCs during this reporting period.

The availability of the existing right of way (RoW) in the majority of the subprojects is not sufficient to accommodate the proposed road improvement works; as such, the construction of the road would entail the land acquisition of 216 Sq.m and resettlement impacts on titled, non-titled households (NTH) and common property resources (CPR). The 9 subprojects (Packages 1 and 2). EPC 5 would involve the land acquisition of private land in addition to impacts on NTHs and CPRs.

- EPC-01 i.e. Ganpatipule to Chafe there are some sections where the RoW is less than the requirements but the same has been reviewed and contractors have been advised to complete the road construction within the available space/RoW. The impact identified in the RP has been verified by the RP implementation team, and the same have been also jointly verified by designated AE, PWD team in association with the contractor. In view of the RoW varies between 20 m to 24 m, verification of all the NTH and CPR structures captured during the RP preparation has been completed. Impact verification done between 12 m to 16 m as per site conditions for mitigation of impact.
- EPC-02 i.e. Dabhole Shiposhi Korle Vatul Road, RoW is 19 meter through-out, whereas in the second section i.e. Haiwale-Jaitapur Road is 24 meter. The impact identified in the RP has been verified by the RP implementation team, and the same have been also jointly verified by designated AE, PWD team in association with the contractor. In view of the RoW varies between 20 m to 24 m, verification of all the NTH and CPR structures captured during the RP preparation has been completed. Impact verification done between 12 m to 16 m as per site conditions for mitigation of Impact.
- EPC-3 there are 5 locations where the RoW is less than 15 meters. The impact identified in the RP has been verified by the RP implementation team, and the same have been also jointly verified by designated AE, PWD team in association with the contractor. In view of the RoW varies between 12 m to 73 m, verification of all the NTH and CPR structures captured during the RP preparation has been completed. Impact verification done between 12m to 16 m as per site conditions for mitigation of Impact.
- EPC-4 there are 10 locations where the RoW is less than 15 meters. The impact identified in the RP has been verified by the RP implementation team, and the same have been also jointly verified by designated AE, PWD team in association with the contractor. In view of the RoW varies between 12 m to 60 m, verification of all the NTH and CPR structures captured during the RP preparation has been completed. Impact verification done between 12m to 16 m as per site conditions for mitigation of Impact.
- EPC-5 the existing Right of Way, as per the government records, is 18 to 27 meters throughout the alignment. In view of the RoW varies between 12 m to 73 m, verification of all the NTH and CPR structures captured during the RP preparation has been completed. Impact verification done between 12m to 16 m as per site conditions for mitigation of Impact. As verified, there will be impact on a total 77 structures and one DP is losing its land (compensation for land has been released). However, no households will be relocated as most of them are losing only extended part of their main structure and the rest affected structures are temporary/kuccha structures which are located in proposed ROW. Most of them need shifting from the RoW of project road. Among these 77 structures, 59 are kuccha structures and 12 are pucca and 6 are semi-pucca structures.

- EPC 6 the existing ROW observed in the Project Road varies from 24.0 m to 30.0 m in open area and 18.0 to 24.0 m in Built-up area in general. During consultations, the APs expressed their willingness to shift their small business to make the ROW encumbrance free as required by the sub project subject to appropriate compensation. The increase in the number of DPs was due to final fixing of Centerline, leading to shifting of Proposed Right of Way of proposed project stretch. It may please be noted that even minor shifting of Proposed RoW, leads to addition and deletion of the number of DPs. However, in the market / semi commercial area ANJAN SINGI, the extended portion of structures/ shops will be impacted. Similarly, in the villages VATHODA KHURD, ASHOK NAGAR and JUNA DHAMANGAON, small structures utilizing small shops having tin sheds, temporary structures will also be impacted. Owner of these structures has been proposed to be appropriately compensated.
- EPC 7 the existing ROW observed in the Project Road varies from 24.0 m to 30.0 m in open area 15.0 to 24.0 m in built-up area. During consultations, the APs expressed their willingness to shift their small business to make the ROW encumbrance free as required by the sub project subject to appropriate compensation. The increase in the number of DPs was due to final fixing of Centerline, leading to shifting of Proposed Right of Way of proposed project stretch. It may please be noted that even minor shifting of Proposed RoW, leads to addition and deletion of the number of DPs. The project road will be upgraded on existing alignment within available RoW. However, in market / semi commercial area Yewda & Vadner Gangai in Walgaon -Daryapur- Akot (SH-47) Road (Daryapur to Akot), the extended portion of structures/ shops as well as temporary structures i.e., KIOSKS will be impacted. Similarly, in AMLA village of Daryapur - Amla to Runmochan -Asara road in district Amravati, some temporary structures and all KIOSKS will also be impacted. Owner of these structures has been proposed to be appropriately compensated.
- EPC 8 the existing ROW observed in the Project Road varies from 18.0 m to 24.0 in different road sections. During consultations, the APs expressed their willingness to shift their small business to make the ROW encumbrance free as required by the sub project subject to appropriate compensation. The increase in the number of DPs was due to final fixing of Centerline, leading to shifting of Proposed Right of Way of proposed project stretch. It may please be noted that even minor shifting of Proposed RoW, leads to addition and deletion of the number of DPs. The project road will be upgraded on existing alignment within available RoW. However, in the market / semi commercial area, the extended portion of structures/ shops will be impacted in the villages Dhamangaon, Kamlapur, Nerpinglai, Ridhipur and Talegaon along with some Kiosks. Small structures utilizing small shops having tin sheds, temporary structures will also be impacted. Owner of these structures has been proposed to be appropriately compensated.
- EPC-9 there are 2 locations where the RoW is less than 15 meters. The impact identified in the RP has been verified by the RP implementation team, and the same have been also jointly verified by designated AE, PWD team in association with the contractor. In view of the RoW varies between 12 m to 73 m, verification of all the NTH and CPR structures captured during the RP preparation has been completed. Impact verification done between 12m to 16 m as per site conditions for mitigation of Impact.

Table 3: Status of Physical Progress of Subproject under MSRIP -1 as on 30th June 2022.

EPC	Subproject Road Name	Start Date	No. of Days to Complete Work	Target Date of Completion (with Extension of time)	% Physical Progress of Subproject Road as on 31st December 2021	Status of Design and Civil Works Completed & Continued as on 31st December 2021	Status of RP/ DDR as on 30th June 2022. (Please mention if RP has been update)
EPC-1A	Kante – Tulsani – Devrukh (SH-174) (From 0/00 To 23/500) at Ratnagiri	4 Feb 2020	730 days	29 July 2022	99.39%	All the drawings are reviewed and approved.	RP to be updated after the distribution of Compensation.
EPC-1B	Chafe Ganpatipule Road (MDR 55) (From 0/00 To 10/350) at Ratnagiri	4 Feb 2020			83.02%		
EPC-2A	Dabhole –Shiposhi –Korle - Vatul Road joining to NH- 17 (SH -175) (From 0/00 To 28/100) at Ratnagiri	4 Feb 2020	730 days	7 Aug 2022	32.50%		
EPC-2B	Hatiwale – Jaitapur Raod (SH-170) (From 0/00 To 23/700) at Ratnagiri	4 Feb 2020			68.48%		
EPC-3	Barshi Solapur Akkalkot Dudhani Aland to State border Road SH 204 Km 1/400 to 63/300 Part Barshi to Solapur Tal. Barshi, Dist. Solapur	23 Sept 2020	730 days	27Sept 2022	97.23%		
EPC-4	Daund Karmala Paranda Barshi Osmanabad Road SH 68 Km 137/260 to 189/120 at Solapur	28 Sept 2020	730 days	28 Sept 2022		Planning and Design work completed Physical progress is ongoing	RP to be updated after the distribution of Compensation.
EPC-5	Shrirampur Vaijapur Risod Washim Pusad Fulsawangi Mandvi Road (Section Washim Pusad) in Washim & Yavatmal Dist.-51 Km 242/200 to 298/249	1 Jan 2020	730 days	28/09/2022	100%		
EPC-6	Riddhapur Teosa Kurha Anjansingi Dhamangaon Rly Devgaon Babhulgaon Road	30 Nov 2019	730 days	01/06/2022	90.48%		

EPC	Subproject Road Name	Start Date	No. of Days to Complete Work	Target Date of Completion (with Extension of time)	% Physical Progress of Subproject Road as on 31 st December 2021	Status of Design and Civil Works Completed & Continued as on 31 st December 2021	Status of RP/DDR as on 30 th June 2022. (Please mention if RP has been update)
	SH-300 Km. 40/600 to 108/00 and Dhamangaon Bypass Road KM 0/00 to 6/565 TQ. Teosa Dist. Amravati & Yavatmal						
EPC-7A	Walgaon Daryapur Akot SH 47 Road (Daryapur to Rambhapur Phata), Dist. Amravati & Akola. Km 156/00 to 180/00	26 Dec 2019	730 days	27/06/2022	100%		
EPC-7B	AmlaRunmochanAsara Road. Dist. Amravati MDR-21 and SH 301 (17.50 Km) Dist. Amaravati.	26 Dec 2019			100%		
EPC-8A	Amravati Chandur Rly Talegaon Road SH 297 Km 32/200 To 49/155 Tq. Chandur Rly Dist. Amravati.	12 June 2020			98.57%		
EPC-8B	RiddhapurLehegaonNerPingala iTeosa Road SH-300 Km. 0/00 to 40/800 Tal. Morshi Dist. Amravati.	12 June 2020			56.96%		
EPC-9	DaundKarmalaParandaBarshiO smanabad Road SH 68 Km 208/160 to 250/155, at Solapur.	27 Nov 2019	730 days	30 May 2022	98.95 %	All the drawings are reviewed and approved.	RP to be updated after the distribution of Compensation.

C. SCOPE OF IMPACT

12. The approved RPs reported impacts on a total of about 216 sq.m. of land and 473 structures. Besides, impacts on 76 CPRs were also envisaged. The subproject wise details are provided as per disclosed RP including vulnerable HH in Table 4.

Table 4. EPC / Subproject Road wise Resettlement Impacts as per ADB approved.

EPC	Subproject Road Name	Land Acquisition		Impact on Structures				CPRs	No. of Vulnerable HHs
		Area (m ²)	No. of AHH	Residential	Commercial	Kiosk	Resi-cum-Commercial		
1a	Kante – Tulsani – Devrukh (SH-174) (From 0/00 To 23/500) at Ratnagiri	Nil	Nil	14 Nos	4 Nos	4 Nos	Nil	Nil	14 Nos
1b	Chafe Ganpatipule Road (MDR 55) (From 0/00 To 10/350) at Ratnagiri	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2a	Dabhole –Shiposhi –Korle -Vatul Road joining to NH- 17 (SH -175) (From 0/00 To 28/100) at Ratnagiri	Nil	Nil	7 Nos	14 Nos	3 Nos	Nil	Nil	22 Nos
2b	Hatiwale – Jaitapur Road (SH-170) (From 0/00 To 23/700) at Ratnagiri	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
3	Barshi Solapur Akkalkot Dudhani Aland to State border Road SH 204 Km 1/400 to 63/300 Part Barshi to Solapur Tal. Barshi, Dist. Solapur	Nil	Nil	Nil	24 Nos	14 Nos	Nil	2 Nos	24 Nos
4	Daund Karmala Paranda Barshi Osmanabad Road SH 68 Km 137/260 to 189/120 at Solapur	Nil	Nil	3 Nos	16 Nos	9 Nos	Nil	3 Nos	19 Nos
5	Shrirampur Vaijapur Risod Washim Pusad Fulsawangi Mandvi Road (Section Washim Pusad) in Washim & Yavatmal Dist.-51 Km 242/200 to 298/249	216 Sqm	1 Nos	4 Nos	52 Nos	19 Nos	11 Nos	6 Nos	54 Nos
6	Riddhapur Teosa Kurha Anjansingi Dhamangaon Rly Devgaon Babhulgaon Road SH-300 Km. 40/600 to 108/00 and Dhamangaon Bypass Road	Nil	Nil	10 Nos	43 Nos	20 Nos	Nil	14 Nos	53 Nos

EPC	Subproject Road Name	Land Acquisition		Impact on Structures				CPRs	No. of Vulnerable HHs
		Area (m ²)	No. of AHH	Residential	Commercial	Kiosk	Resi-cum-Commercial		
7a	Walgaon Daryapur Akot SH 47 Road (Daryapur to Rambhapur Phata), Dist. Amravati & Akola. Km 156/00 to 180/00.	Nil	Nil	9 Nos	81 Nos	79 Nos	Nil	2 Nos	81 Nos
7b	AmlaRunmochanAsara Road. Dist. AmravatiMDR-21 (17.50 Km) Dist. Amaravati.	Nil	Nil	Nil	21 Nos	21 Nos	Nil	2 Nos	21 Nos
8a	Amravati Chandur Rly Talegaon Road Km 32/200 To 49/155 Tq. Chandur Rly Dist. Amravati.	Nil	Nil	Nil	Nil	Nil	Nil	4 Nos	78 Nos
8b	RiddhapurLehegaonNerPingalaiTeosa Road SH-300 Km. 0/00 to 40/800 Tal. Morshi Dist. Amravati.	Nil	Nil	16 Nos	49 Nos	5 Nos	13 Nos	9 Nos	78 Nos
9	DaundKarmalaParandaBarshiOsm anabad Road SH 68 Km 208/160 to 250/155, at Solapur.	Nil	Nil	6 Nos	6 Nos	2 Nos	Nil	Nil	12 Nos

13. The existing impacts are about 216 sq.m. of land and 698 structures belonging to 507 HHs. Besides, impacts on 76 CPRs were also envisaged. The subproject wise details are provided as per revised including vulnerable HH in Table 5.

Table 5 Revised status of Resettlement Impacts during the reporting period.

EPC	Subproject Road Name	Land Acquisition		Impact on Structures				CPRs	No. of Vulnerable HHs
		Area (m ²)	No. of AHH	Residential	Commercial	Kiosk	Resi-cum-Commercial		
1a	Kante – Tulsani – Devrukh (SH-174) (From 0/00 To 23/500) at Ratnagiri	Nil	Nil	14 Nos	6 Nos	Nil	2 Nos	14 Nos	22 Nos
1b	Chafe Ganpatipule Road (MDR 55) (From 0/00 To 10/350) at Ratnagiri	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2a	Dabhole – Shiposhi – Korle -Vatul Road joining to NH-17(SH-175)(From 0/00 To 28/100) at Ratnagiri	Nil	Nil	29 Nos	27 Nos	Nil	6 Nos	4 Nos	62 Nos
2b	Hatiwale – Jaitapur Road (SH-170) (From 0/00 To 23/700) at Ratnagiri	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
3	Barshi Solapur Akkalkot Dudhani Aland to State border Road SH 204 Km 1/400 to 63/300 Part Barshi to Solapur Tal. Barshi, Dist. Solapur	Nil	Nil	55 Nos	44 Nos	82 Nos	Nil	14 Nos	44 Nos
4	Daund Karmala Paranda Barshi Osmanabad Road SH 68 Km 137/260 to 189/120 at Solapur	Nil	Nil	26 Nos	4 Nos	27 Nos	1 Nos	29 Nos	31 Nos
5	Shrirampur Vaijapur Risod Washim Pusad Fulsawangi Mandvi Road (Section Washim Pusad) in Washim & Yavatmal Dist.-51 Km 242/200 to 298/249	216 Sqm	1 Nos	10 Nos	58 Nos	27 Nos	5 Nos	6 Nos	72 Nos
6	Riddhapur Teosa Kurha Anjansingi Dhamangaon Rly Devgaon Babhulgaon Road SH-300 Km. 40/600 to 108/00 & Dhamangaon Bypass Road	Nil	Nil	12 Nos	69 Nos	28 Nos	03 Nos	03 Nos	74 Nos
7a	Walgaon Daryapur Akot SH 47 Road (Daryapur to Rambhapur Phata), Dist. Amravati & Akola. Km 156/00 to 180/00.	Nil	Nil	3 Nos	87 Nos	81 Nos	02 Nos	Nil	92 Nos
7b	AmlaRunmochanAsara Road. Dist. AmravatiMDR-21 (17.50 Km) Dist. Amaravati.	Nil	Nil	Nil	21 Nos	20 Nos	Nil	Nil	21 Nos

EPC	Subproject Road Name	Land Acquisition		Impact on Structures				CPRs	No. of Vulnerable HHs
		Area (m ²)	No. of AHH	Residential	Commercial	Kiosk	Resi-cum-Commercial		
8a	Amravati Chandur Rly Talegaon Road Km 32/200 To 49/155 Tq. Chandur Rly Dist. Amravati.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
8b	RiddhapurLehegaonNerPingalaiTeosa Road SH-300 Km. 0/00 to 40/800 Tal. Morshi Dist. Amravati.	Nil	Nil	17 Nos	52 Nos	02 Nos	11 Nos	05 Nos	80 Nos
9	DaundKarmalaParandaBarshiOsmanabad Road SH 68 Km 208/160 to 250/155, at Solapur.	Nil	Nil	9 Nos	Nil	8 Nos	Nil	1 Nos	9 Nos

D. COMPENSATION AND REHABILITATION

14. An Entitlement Matrix has been developed, that summarizes the types of losses and the corresponding nature and scope of entitlements; and is in compliance with National/ State Laws and ADB SPS-2009. Appropriate compensation and assistance are provisioned for any physical or economic displacement.
15. All compensation and other assistance will be paid to all DPs prior to commencement of civil works. After payment of compensation, DPs would be allowed to take away the materials salvaged from their dismantled houses and shops and no charges will be levied upon them for the same. The cost of salvaged materials will not be deducted from the overall compensation amount due to the DPs.
16. To confirm the Project impact a joint verification and re-survey of the sub-project was undertaken from the month of December 2020.
17. Accordingly, an identification and verification report was submitted which included information on location details of structures, socio-economic details of structure owner, replacement cost of affected structures.
18. All these have been subsequently approved by the Project Authorities and Micro Plans have been prepared. All assistance to be paid to the NTHs are as per Entitlements Matrix and project specific assistance suggested by Asian Development Bank (ADB) as placed below.
 - One-time repair grant @20,000 per affected family.
 - Lump sum amount @ 10,000 for frontage Projection frontage, Structures with GCI sheets
 - Additional one time assistance of Rs. 25,000 (Rupees Twenty-Five Thousand Only) per affected vulnerable family
 - Loss of kiosk One-time shifting allowance @10,000

Table 6. Status of Compensation Payment and RP Implementation Status during the reporting period.

EPC	Subproject Road Name	Total No. of Affected Households (AHHs)	RP Implementation Status in the reporting period	No. of AHHs Received Compensation	Compensation Amount	Remarks (describing the RP Implementation and the challenges)
1a and 1b	Kante – Tulsani – Devrukh (SH-174) (From 0/00 To 23/500) at Ratnagiri	22 Nos	<ul style="list-style-type: none"> ● Revalidation of AHHs - Completed ● Preparation of ID Cards - Completed ● Preparation of Micro-plans - Completed ● Approval of Micro-plans by EA/IA - Approved by Authority ● Updating RP (for any change in scope, change in no. of APs, etc.) - RP to be updated as per Micro plan after disbursement of the assistance to the affected persons. ● Disbursement of compensation - Almost Completed. 	20 Nos	Rs. 48,30,052	<ul style="list-style-type: none"> ✓ 2 Nos DPs assistance amount Rs. 3,86,676/- has been recommended. ✓ Two Structures in the name of one PAP (Mr. Ajinkya Dilip Rajawade) out of one structure amount Rs. 6,12,420/- is saved and one structure is paid.
	Chafe Ganpatipule Road (MDR 55) (From 0/00 To 10/350) at Ratnagiri	Nil		14 Nos	Compensated Amount is Rs. 38,30,956	
	CPRs	14 Nos			Balance Amount to be compensated is Rs. 9,99,096	
2a and 2b	Dabhole –Shiposhi –Korle -Vatul Road joining to NH- 17 (SH -175) (From 0/00 To 28/100) at Ratnagiri	62 Nos	<ul style="list-style-type: none"> ● Revalidation of AHHs - Completed ● Preparation of ID Cards - Completed ● Preparation of Micro-plans - Completed ● Approval of Micro-plans by EA/IA - Approved by Authority 	47 Nos	Rs. 91,90,181	<ul style="list-style-type: none"> ✓ 1 Nos DPs assistance amount Rs. 4,46,600/- has been recommended. ✓ 1 Nos DPs assistance amount Rs. 5,45,676/- has been Internal Dispute.
	Hatiwale – Jaitapur Road (SH-170) (From 0/00 To 23/700) at Ratnagiri	Nil			Compensated Amount is Rs. 63,89,320 Balance Amount to be compensated is	

EPC	Subproject Road Name	Total No. of Affected Households (AHHs)	RP Implementation Status in the reporting period	No. of AHHs Received Compensation	Compensation Amount	Remarks (<i>describing the RP Implementation and the challenges</i>)
	CPRs	4 Nos	<ul style="list-style-type: none"> Updating RP (for any change in scope, change in no. of APs, etc.) - RP to be updated as per Micro plan after disbursement of the assistance to the affected persons. Disbursement of compensation - Almost Completed. 	4 Nos	Rs. 28,30,861	✓ 13 Nos Structures amount Rs. 18,08,585/- is saved.
3	Barshi Solapur Akkalkot Dudhani Aland to State border Road SH 204 Km 1/400 to 63/300 Part Barshi to Solapur Tal. Barshi, Dist. Solapur CPRs	71 Nos	<ul style="list-style-type: none"> Revalidation of AHHs - Completed Preparation of ID Cards - Completed Preparation of Micro-plans - Completed Approval of Micro-plans by EA/IA - Approved by Authority Updating RP (for any change in scope, change in no. of APs, etc.) - RP to be updated as per Micro plan after disbursement of the assistance to the affected persons. Disbursement of 	62 Nos	Rs.94,93,862 Compensated Amount is Rs. 92,71,776 Balance Amount to be compensated is Rs. 2,22,086	✓ 2 Nos DPs assistance amount Rs. 20,000/- has been recommended. ✓ 7 Structures amount Rs. 2,02,026 is saved. ✓ Rs. 50,000/- Saved Vulnerability assistance.
	Additional Micro Plan approved by Authority CPRs	113 Nos		44 Nos	Rs. 58,86,230 Compensated Amount is Rs. 13,21,740 Balance Amount to be compensated is Rs. 45,64,490	✓ Rest balance amount disbursement is in progress
		1 Nos				

EPC	Subproject Road Name	Total No. of Affected Households (AHHs)	RP Implementation Status in the reporting period	No. of AHHs Received Compensation	Compensation Amount	Remarks (<i>describing the RP Implementation and the challenges</i>)
4	Daund Karmala Paranda Barshi Osmanabad Road SH 68 Km 137/260 to 189/120 at Solapur CPRs	58 Nos	<ul style="list-style-type: none"> ● Revalidation of AHHs - Completed ● Preparation of ID Cards - Completed ● Preparation of Micro-plans - Completed ● Approval of Micro-plans by EA/IA - Approved by Authority ● Updating RP (for any change in scope, change in no. of APs, etc.) - RP to be updated as per Micro plan after disbursement of the assistance to the affected persons. ● Disbursement of compensation - In Progress. 	11 Nos	Rs.19,02,953 Compensated Amount is Rs. 19,02,953	✓ Rest forest clearance is awaited.
		29 Nos		14 Nos	Balance Amount Nil to be compensated	
	Additional Micro Plan approved by Authority CPRs	36 Nos 8 Nos		Nil Nil	Yet to start Rs.1,02,77,834 to be compensated	

EPC	Subproject Road Name	Total No. of Affected Households (AHHs)	RP Implementation Status in the reporting period	No. of AHHs Received Compensation	Compensation Amount	Remarks (<i>describing the RP Implementation and the challenges</i>)
5	Shrirampur Vaijapur Risod Washim Pusad Fulsawangi Mandvi Road (Section Washim Pusad) in Washim & Yavatmal Dist.-51 Km 242/200 to 298/249	72 Nos	<ul style="list-style-type: none"> ● Revalidation of AHHs - Completed ● Preparation of ID Cards - Completed ● Preparation of Micro-plans - Completed ● Approval of Micro-plans by EA/IA - Approved by Authority ● Updating RP (for any change in scope, change in no. of APs, etc.) - RP to be updated as per approved Micro plan after disbursement of the assistance to the affected persons. ● Disbursement of compensation - Almost Completed. 	72 Nos	Rs. 42,32,793	
6	Riddhapur Teosa Kurha Anjansingi Dhamangaon Rly Devgaon Babhulgaon Road SH-300 Km. 40/600 to 108/00 and Dhamangaon Bypass Road KM 0/00 to 6/565 TQ. Teosa Dist. Amravati & Yavatmal	74 Nos	<ul style="list-style-type: none"> ● Revalidation of AHHs - Completed ● Preparation of ID Cards - Completed ● Preparation of Micro-plans - Completed ● Approval of Micro-plans by EA/IA - Approved by Authority 	74 Nos	Rs. 65,40,515	

EPC	Subproject Road Name	Total No. of Affected Households (AHHs)	RP Implementation Status in the reporting period	No. of AHHs Received Compensation	Compensation Amount	Remarks (<i>describing the RP Implementation and the challenges</i>)
			<ul style="list-style-type: none"> • Updating RP (for any change in scope, change in no. of APs, etc.) - RP to be updated as per approved Micro plan after disbursement of the assistance to the affected persons. • Disbursement of compensation - Almost Completed. 			
7a	Walgaon Daryapur Akot SH 47 Road (Daryapur to Rambhapur Phata), Dist. Amravati & Akola. Km 156/00 to 180/00.	92 Nos	<ul style="list-style-type: none"> • Revalidation of AHHs - Completed • Preparation of ID Cards - Completed • Preparation of Micro-plans - Completed • Approval of Micro-plans by EA/IA - Approved by Authority • Updating RP (for any change in scope, change in no. of APs, etc.) - RP to be updated as per approved Micro plan after disbursement of 	92 Nos	Rs. 39,51,118	

EPC	Subproject Road Name	Total No. of Affected Households (AHHs)	RP Implementation Status in the reporting period	No. of AHHs Received Compensation	Compensation Amount	Remarks (<i>describing the RP Implementation and the challenges</i>)
			the assistance to the affected persons. ● Disbursement of compensation - Almost Completed.			
7b	AmlaRunmochanAsara Road. Dist. AmravatiMDR-21 (17.50 Km) Dist. Amaravati.	21 Nos	<ul style="list-style-type: none"> ● Revalidation of AHHs - Completed ● Preparation of ID Cards - Completed ● Preparation of Micro-plans - Completed ● Approval of Micro-plans by EA/IA - Approved by Authority ● Updating RP (for any change in scope, change in no. of APs, etc.) - RP to be updated as per approved Micro plan after disbursement of the assistance to the affected persons. ● Disbursement of compensation - Almost Completed. 	21 Nos	Rs.7,37,335	
8a	Amravati Chandur Rly Talegaon Road Km 32/200 To 49/155 Tq. Chandur Rly Dist. Amravati.	NIL	<ul style="list-style-type: none"> ● Revalidation of AHHs - Completed ● Preparation of ID 			

EPC	Subproject Road Name	Total No. of Affected Households (AHHs)	RP Implementation Status in the reporting period	No. of AHHs Received Compensation	Compensation Amount	Remarks (<i>describing the RP Implementation and the challenges</i>)
			Cards - Completed • Preparation of Micro-plans - Completed • Approval of Micro-plans by EA/IA - Approved by Authority • Updating RP (for any change in scope, change in no. of APs, etc.) - RP to be updated as per approved Micro plan after disbursement of the assistance to the affected persons. • Disbursement of compensation - Almost Completed.	NIL	NIL	
8b	Riddhapur Lehegaon NerPingalai Teosa Road SH-300 Km. 0/00 to 40/800 Tal. Morshi Dist. Amravati.	80 Nos	• Revalidation of AHHs - Completed • Preparation of ID Cards - Completed • Preparation of Micro-plans - Completed • Approval of Micro-plans by EA/IA - Approved by Authority • Updating RP (for any change in scope,	80 Nos	Rs. 48,03,726	

EPC	Subproject Road Name	Total No. of Affected Households (AHHs)	RP Implementation Status in the reporting period	No. of AHHs Received Compensation	Compensation Amount	Remarks (<i>describing the RP Implementation and the challenges</i>)
			compensation - Almost Completed.			

Comparison of RP Budget and approved Micro plan for NTH and Micro Plan for CPRs is under preparation (tentative budget).

Table 7. Budget Comparison of Micro Plan and RP

EPC	Micro Plan Budget	For AHH	RP Budget (for NTH)	For AHH	Variation
EPC 1	48,30,052	22 Nos	14,86,500	14 Nos	33,43,552
EPC 2	91,90,181	62 Nos	26,04,670	22 Nos	65,85,511
EPC 3	1,53,80,092	181 Nos	51,97,013	24 Nos	1,01,83,079
EPC 4	1,21,87,787	58 Nos	25,48,521	19 Nos	1,21,87,787
EPC 5	42,32,793	72 Nos	66,69,860	54 Nos	-24,37,067
EPC 6	65,40,515	74 Nos	53,15,488	53 Nos	12,25,027
EPC 7	46,88,453	113 Nos	73,71,000	100 Nos	-26,82,547
EPC 8	48,03,726	80 Nos	97,50,122	156 Nos	-49,46,396
EPC 9	23,42,710	17 Nos	19,93,201	12 Nos	3,49,509
Total	6,41,96,309	679 Nos	4,29,36,375	454 Nos	2,12,59,934

E. PUBLIC PARTICIPATION AND CONSULTATION

19. Public consultation includes project disclosure mechanism, public participation and consultations activities during the project implementation as agreed in the plan. This also includes outcome like, numbers of activities conducted, issues raised during consultation and responses provided by the project team, contractors if applicable, display of RP in local language in Panchayat office and PIU office and brochure distribution etc. Further, the Public Consultation and Disclosure Plan has been prepared for the Project.
20. In accordance to the ADB information and disclosure guidelines, prior intimation is being given to local Panchayat where construction work is scheduled and if any issues arise it'll be resolved before start of work. As of now, civil work has not been started in the settlement area where DP's structures are located. It will only be started after distribution of assistance & compensation.
21. To achieve transparency in the project and for further active involvement of DPs and other stakeholders, the project information was disseminated through disclosure of resettlement planning documents. The EA provides relevant resettlement information, including information from the above-mentioned documents in a timely manner, in an accessible place and in a form and language(s) understandable to displaced persons and other stakeholders.
22. The EA has translated the RP in local language (Marathi) and disclosed it at PIU office and panchayat office. A resettlement information leaflet containing information on compensation, entitlement and resettlement management adopted for the project are made available in local (Marathi) language and distributed to DPs by the implementing NGO during initial consultation after verification of DPs. For DPs who are illiterate, an appropriate and implementable method is being followed in order for the DPs to be notified and informed. Implementing NGO shall be disseminating relevant information through public consultations and other channels and pay specific attention to ensure those who are illiterate receive information on a timely basis.

Table 8 Format for Public Consultation and Disclosure Plan

Sr.No.	Activity	Task	Agencies
1	Public Notification	Notify eligibility cut-off date for NTH	PIU/NGO
2	Disclosure of RP	Translate RP in local language (Marathi) and disclose at PIU Office and Panchayat	PIU/NGO
3	Distribution of R&R information leaflet	Prepare R&R information leaflet and distribution to Aps	PIU/NGO
4	Disclosure of RP on website	Post RP on ADB and PIU website	ADB/PIU
5	Consultative meetings during joint measurement survey	Face to face meeting/interaction with Aps	PIU/NGO
6	Disclosure of updated RP	Disclosure after joint measurement survey	PIU/NGO
7	Disclosure of the final or updated RP	RP disclosed on ADB and PIU website and to affected household and other stakeholders through PIU and /or Panchayat offices	ADB/PIU

23. Information Disclosure: To keep more transparency in planning and for further active involvement of DPs and other stakeholders the project information is disseminated through disclosure of resettlement planning documents. The draft resettlement plan has been disclosed in panchayat offices and the ADB website. The EA shall be submitting the following documents to ADB for disclosure on ADB's website:
- the final resettlement plan endorsed by the EA after the census of displaced persons has been completed;
 - a new resettlement plan or an updated resettlement plan, and a corrective action plan prepared during project implementation, if required; and
 - the resettlement monitoring reports.
24. Consultations were conducted in the project to ensure people's participation during the project census survey. Aiming at promotion of public understanding and fruitful solutions of developmental problems such as local needs and problem and prospects of resettlement, various sections of DPs and other stakeholders were consulted through focus group discussions and individual interviews. MPWD conducts these consultations during resettlement plan implementation. The consultations involve disclosure on compensation, assistance options, and entitlement package and income restoration measures suggested for the project.
25. A consultation-meetings were conducted with affected DP in EPC 3,4,9. Introductory meeting with Superintending Engineer and Executive Engineer, Ratnagiri North Division of EPC 2 was held on 25 March 2021 and issues discussed included GAP implementation, Awareness campaigns, Health camps etc.
26. Consultations with stakeholders were carried out during various phases of project preparation. before January, 2022. The stakeholders in the project are both primary and secondary. The primary stakeholders are Project Affected Persons (PAPs), project beneficiaries, Executing Agency, Implementing Agency especially the officials in PWD. The secondary stakeholder includes district magistrates and the revenue official's village heads, head of Gram Panchayat, village administrative officers, village council, district council and business communities in the area.
27. During the social assessment, consultation meetings were held to inform the communities and population about the positive as well as negative impacts of the road improvement scheme. All those points are incorporated in a pamphlet and distributed copies of it among the people, as reported in previous report
28. Resettlement plan implementation has been closely monitored by the EA through internal monitoring by the PMU PIU, responsible for implementation of the resettlement plan. The PMU has been entrusted with the task to prepare semi-annual resettlement plan implementation monitoring reports resettlement plan, to determine whether resettlement goals have been achieved, more importantly whether livelihoods and living standards have been restored/ enhanced and suggest suitable recommendations for improvement. The PMU shall be submitting all monitoring reports to ADB for disclosure in the ADB website.
29. The effectiveness of the R&R program is directly related to the degree of continuing involvement of those affected by the Project. Several additional rounds of consultations with DPs forms part of the further stages of project implementation. The implementing NGO has been conducting these consultations during RP implementation, which involve disclosure on compensation, assistance options, and entitlement package and income restoration measures suggested for the project.

The consultation will continue throughout the project implementation period.

30. Implementation of RP mainly consists of compensation to be paid for affected structures and rehabilitation and resettlement activities. The time for implementation of the resettlement plan will be scheduled as per the overall project implementation. According to the RAP implementation schedule the civil works contract for each project will only be awarded after all compensation and relocation has been completed for the project and rehabilitation measures are in place. The proposed project R&R activities are divided into three broad categories based on the stages of work and process of implementation, as follows:
- Project Preparation phase
 - RP Implementation phase, and
 - Monitoring and Reporting phase
31. In order to timely implement RP and GAP activities a tentative timeline has been discussed and finalised. RP implementation team is working closely with Social and Gender Expert, Authority Engineer. To monitor the agreed timeline, regular site visits are being conducted by the expert. The following timeline has been agreed to complete the RP implementation, GAP compliance and all the awareness, trainings etc.:

COVID 19 Mitigation Measures

32. During the EHS implementation noticed at all Authority offices involved in the project as well as the office of the Authority Engineer and contractors. COVID-19 management guidelines are well practiced. Initiatives were taken in the project to maintain COVID-19 protocols like display of posters and guidelines, use of Aarogya Setu application, regular sanitation, fumigation of office, use of hand sanitizers, social distancing, thermal screening of visitors and staff etc.
33. All the Authority offices involved in the project have a well-established screening and management system for COVID -19.
- Majority of the personal, technical, not-technical etc. have been vaccinated from covid-19 vaccine.
 - All the offices have designated staff to do thermal screening of visitors and office staff etc.
 - Physical distance, use of sanitizers, use of masks, proper dressing, and hygiene maintenance were well maintained at each office.
 - COVID-19 posters and guidelines were noticed in local and English language.
 - Use of Arogya Setu APP was mandatory for all officers and staff.
 - Regular sanitation, fumigation of office & vehicles is being done
34. Informal consultations were conducted in the project to ensure people's participation during the project census survey. Aiming at promotion of public understanding and fruitful solutions of developmental problems such as local needs and problem and prospects of resettlement, various sections of DPs and other stakeholders were consulted through focus group discussions and individual interviews. MPWD conducts these consultations during resettlement plan implementation. With the support of Authority Engineer. The consultations involve disclosure on compensation, assistance options, and entitlement package and income restoration measures suggested for the project. Format of informal consultations and photographs of informal consultations are attached.

F. GRIEVANCE REDRESS MECHANISM (GRM)

35. Grievances related to the implementation of the project, particularly regarding the resettlement plan Implementation are being acknowledged, evaluated, and responded to the complainant with corrective actions proposed using understandable and transparent processes that are gender responsive, culturally appropriate, and readily accessible to all segments of the affected people. The responsibility of addressing the grievances along with proper timelines are clearly indicated. Records of grievances received, corrective actions taken, and their outcomes are properly maintained and form part of the social monitoring report to ADB.
36. A Grievance Redressal Committee (GRC) has been established at two-levels, one at the District or PIU level and another at PMU level. The GRC provides an opportunity for affected persons to have their grievances redressed. Depending on the nature and significance of the grievances or complaints, the GRM comprises procedures to address grievances at the project site or PIU level, PMU level. Most serious complaints which cannot be addressed at the PIU level shall be forwarded to the PMU.
37. During preparation of resettlement plan and during pre-construction stage, the local communities in the project area are informed by the PMC and PIU on the grievance redress procedure and the contact persons for lodging complaints. Provisions have also been made for lodging complaints at the respective PWD's website.

Level 1: PIU and field level

38. Grievance related to the implementation of the resettlement plan is addressed by the PIU. The grievance redress mechanism is accessible to people throughout the length of the road in the subproject. The resettlement staff of PIU and NGO facilitates displaced persons in registering their grievances at the PIU level. A complaint register is maintained at PIU level and also at the field level I to facilitate ease of access of the DPs to the grievance redress mechanism. The details related to the date of complaint, complaint, date of personal hearing, action taken, and date of communication sent to the complainant are recorded. This complaint register is initiated at the PIU level as soon as possible. Investigation of grievances involves site visits and consultation with relevant parties like displaced persons, contractors etc. At the PIU level the GRC comprises of the:
 - I. Superintending Engineer (Chairperson)
 - II. Representative from the affected village
 - III. Representative for women from a relevant agency which could be
 - IV. from the government, or NGO or local community
 - V. Implementing NGO

Level 2: State Level

39. Grievances not redressed at the PIU level will be brought to the State level GRC. The State level GRC is headed/chaired by the Chief Engineer, PMU. The state level GRC comprise of the following:
 - I. Chief Engineer (CE, Chairperson)
 - II. FSO
 - III. Superintending Engineer (SE) of concerned field unit
 - IV. Team Leader of the NGO

40. The main responsibilities of the GRC at both the levels is to: (i) provide support to DPs on problems arising from land/property acquisition; (ii) record DP grievances, categorize, and prioritize grievances and resolve them; (iii) immediately inform the EA of serious cases; and (iv) report to DPs on developments regarding their grievances and decisions of the GRC. Other than disputes relating to ownership rights under the court of law, GRC reviews grievances involving all resettlement benefits, compensation, relocation, replacement cost and other assistance.
41. The GRC meets every month (if grievances are brought to the Committee), determine the merit of each grievance, and resolve grievances within a month of receiving the complaints. Records are kept of all grievances received including: contact details of complainant, date the complaint was received, nature of grievance, agreed corrective actions and the date these were affected, and final outcome. The GRCs will continue to function during the life of the Project. The GRC is expected to resolve grievances of the eligible persons within a stipulated time of 3 weeks at the PIU level and 3 weeks at the state level. All costs involved in resolving the complaints (meetings, consultations, communication and reporting / information dissemination) are being borne by the Project.

Court of Law

42. The displaced person is free to access the country's legal system at any time and at any stage although Project GRM is the preferred route.

ADB Accountability Mechanism

43. It is also understood that if the established GRM is not able to resolve a grievance, the affected person also can use the ADB Accountability Mechanism through directly contacting (in writing) the Complaint Receiving Officer at ADB headquarters or the ADB India Resident Mission (INRM). Before submitting a complaint to the Accountability Mechanism, it is necessary that an affected person make a good faith effort to solve the problem by working with the concerned ADB operations department and/or INRM. Only after doing that, and if they are still dissatisfied, the Accountability Mechanism will consider the complaint eligible for review. The complaint can be submitted in any of the official languages of ADB's developing member countries. The ADB Accountability Mechanism information will be included in the project-relevant information to be distributed to the affected communities, as part of the project GRM.
44. As a practice in compliance to the ADB guidelines, prior intimation is being given to local communities of respected villages where construction work is scheduled and if any issue arises, it is resolved before start of work. As of now no Civil work is started in the settlement area where DP's structures are located. It will only be started after distribution of assistance & compensation.

Table 10. Details of Grievance Registration Status in the Reporting Period (as on 30th December 2021)

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
EPC 1	1	Ch: 23+100 RHS	Anant Shivram Surve	-	Request for Connecting Water pipeline.	Contractor/ AE	PIU level	The grievance has been	Yes	13 May 21
EPC 1	2	Ch:- 23+150 RHS	Shubhan di Ani Ghag	-	Request for Connecting Water pipeline.	Contractor/ AE	PIU level	attended jointly by MPWD, Authority Engineer and Contractor , issue resolved.	Yes	18 May 21
EPC 1	3	Ch:- 16+500	Sonu Shivram Kamble	-	Request for an approach to the Road Pipe.	Contractor/ AE	PIU level	Resolved	Yes	26 May 21
EPC 1	4	Ch:- 12+600	Sandip Gavanka r	-	Request for Cleaning the material that falls in the place of the speed breaker.	Contractor/ AE	PIU level	Resolved	Yes	29 May 21
EPC 1	5	Pangari	Sunil K. Mhade	8108932 752	The road cutting work has caused mud on the road and is likely to cause a two-wheeler to slip and cause an accident.	Site level	PIU level	When the complaint was reported to the contractor, he immediate ly poured water on it and removed	Yes	29-May-21

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
								the mud from the road.		
EPC 1	6	Ch:-0+030	Yogesh Dinesh Khatu	-	Road widening is a threat to our structure along the road.	Contractor/ AE	PIU level	Resolved	Yes	15-Jul-21
EPC 1	7	Ch:-9+200	Nitin Sirke	-	Request for making the road to the side of the house.	Contractor/ AE	PIU level	Resolved	Yes	08-Jun-21
EPC 1	8	Ch:-16+600	Nandini Bhatkar	-	Request for Repair of Sai Arun Hotel water pipeline.	Contractor/ AE	PIU level	The grievance has been attended jointly by MPWD, Authority Engineer and Contractor. An issue not yet resolved.	Yes	Closed
EPC 2	1	Shiposhi	Mangal Dhekane	9987773 441	Our construction is going on in road widening but we should get land compensation.	AE	PIU level	The land was already been acquired and related documents were	Yes	25-Jun-21

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
								shown to the person		
EPC 2	2	Kolewadi	Shridhar Dattaram Sawant	9326627001	I need a letter in writing from the MPWD. Without it I will not allow any documentation or any part of my construction to be disrupted in the project.	AE	Social expert	The person was informed about the SPS 2009 and the approved entitlement matrix based on which the R&R assistance will be paid. Though he has not provided any documents. Once the Microplan will be approved the same shall be disclosed for his satisfaction	open	07-Jun-21

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
EPC 2	3	Ch:- 26+300 (Vilawade)	Manoj Harichandra Bhagat		Our construction is going on in road widening but we should get land compensation.	AE	PIU level	The land was already been acquired and related documents were shown to the person	Yes	21-Oct-21
EPC 2	4	Ch:- 26+300 (Vilawade)	Darshana Dattaram Khamkar		Our construction is going on in road widening but we should get land compensation.	AE	PIU level	The land was already been acquired and related documents were shown to the person	Yes	21-Oct-21
EPC 3	1	41+400 (Wadala)	Mohite		There was an existing CD work and he don't want to do CD Work at this location	AE/Contractor	PIU level	Drainage necessity explained and convinced that his farm will not be affected as earthen drains will be provided all along the road.	Yes	02-Sep-21
EPC 3	2	Ch:- 28+100	Gosavi		There was no CD work on exiting at the said location, even there no	AE/Contractor	PIU level	Drainage necessity explained and	Yes	11-Sep-21

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
					natural water steam flow. However, he demanded CD work to drain off the rain water which is not feasible			convinced that his farm will not be affected as earthen drains will be provided all along the road.		
EPC 3	3	34+800 to 35+200 (Shelgaon)	Govali		He is demanding the RCC drain along with his agriculture field	AE/Contractor	PIU level	MPWD officials have explained the complainant about the drawbacks in providing the RCC cover drain and also explained that the drainage will be taken care through the earthen drains being provided along the road which connects the minor bridge nearby.	Yes	11-April-22

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
EPC 3	4	Ch:- 48+000 to 48+700 (Nannaz)	Community		Demanding the extension of RCC drain up to end of village near nallah	AE	PIU level	Authority agreed for extension drain. Present drain is completed	Yes	28-May-21
EPC 3	5	Ch:- 10+500 to 11+700 (Pangaon)	Community		Provision of service road on either side of the project road	AE	PIU level	Authority agreed for providing Service Road.	Yes	28-May-21
EPC 4	1	Phisre	Nagnath Kantilal Knate	•9623783 696	Dust nuisance in the habitation	Tehsildar Karmala via SDO	PIU level	Contractor has been instructed to do regular water sprinkling on all the haul roads etc	Yes	Apr-21
EPC 4	2	Salse	Sharad Natke	9881102 215	Dust nuisance in the habitation	District Magistrate, Solapur	PIU level	Contractor has been instructed to do regular water sprinkling on all the haul roads etc	Yes	Apr-21

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
EPC 4	3	Hisare	SV Jadhav	-	Dust nuisance in the habitation	Tehsildar Karmala via SDO	PIU level	Contractor has been instructed via AEs letter no 443 dated 09/09/21 to do regular water sprinkling on all the haul roads etc	Open	Apr-21
EPC 4	4	Veet	Community		Demand of providing underpass at Veet village	AE	PIU level	Contractor was advised to submit Feasibility report vide AE's letter no 489. Contractor has submitted the design and drawings for provision of Foot over bridge and is yet to submit feasibility report.	Pending	-

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
EPC 4	5	Ch:- 142+100 to 142+350	Smt Laxmi Janardha Awate		Regarding quality of ongoing works	AE	PIU level	Necessary tests carried out in presence of the Complainant and results found satisfactory.	Yes	25-June-21
EPC 9	1	238+000 – 238+900 Chikharde	Community	-	•Demanding the extension of RCC drain up to end of habitation	AE, Barshi	PIU level	Proposal of the same has been prepared and forwarded for approval from CEPD	Yes	May-21
EPC 6	5730/Tantric/Date 15-12-20	SPD, PWD, Amravati	Hon. Ex MLA Shri Verendra Jagtap on dated 29.07.2020	-	Arbitrary work of contractor on Anjansingi -old dhamangaon Rly bypass road & negligence of department towards it. Total 17 Issues raised	Contractor/AE	PIU level	1) Safety measures, sign boards division boards provided 2) Rectification done in mentioned length	Superintending Engineer, Amravati visited the Site along with Authority Engineer, Contractor & Ex. MLA Shri. Virendra	01 June 2021

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
								3) required documents provided	Jagtap and sorted the issues briefly by ensuring the quality of work going as per specifications.	
EPC 6		Project	Congress Party Youth protest at Dhakalgao n Villageo n dated 18.09.20 20	-	Regarding providing safety measures on road work in progress and completing sub-grade work.	Contractor/A E	PIU level	1) All the necessary safety measures are provided 2) Proper reflective is provided for night time 3) LHS made accessible for road users 4) Final subgrade layer laid		Open
EPC 6		Project	Upsarpanch Gram	-	Regarding keeping level of road as per	Contractor/A E	PIU level	The FRL at mentioned		Closed

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
			Panchayat, Village-Nahavandi Bhilli, Taluka-Dhamangaon Railway on dated 21.12.2020		existing road level through Nargavandi village			location in village Nargavandi Bhilli, Taluka-Dhamangaon has been revised and the revised plan profile has been approved by Authority Engineer		
EPC 6		Project	Hon. Minister of Woman and Children Welfare Development Smt. Yashomati Tai Thakur, Maharashtra state,	-	Complaint receiving regarding poor quality and faulty execution of work for the said project EPC 6	Contractor/AE	PIU level	Company is not doing work as per standard technical specifications. Quality control test of executed work are required to be done		Closed

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
			Mantrala ya Mumbai on dated 06.04.20 21							
EPC 6		Project	Shri. Ruprao Bhaurao Mandav gane, Resident of Juna Dhaman gaon, Taluka- Dhaman gaon Railway, District- Amravati on dated 17.05.20 21	-	Regarding compensation for loss of agricultural goods and orange orchards.	Contractor/A E	PIU level	EPC contractor filed an appeal to Hon Court of SDO on the subject matter and decision is awaited	Open	
EPC 6			Hon. MLA Shri. Pratap Rao Adsad, Letter- PADO/1 459/202 0-21/Dt.	-	Regarding water management on farms.	Contractor/A E	PIU level	Action Pe nding (Grievanc e forwarded to AE for necessary action)	Open	

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
			30.06.2021							
EPC 6	5352/Tantric/Date 30-12-20	SPD, PWD, Amravati		-	Regarding lowering of Proposed FRL at Narangwadi Village	Contractor/A E	PIU level	Superintending Engineer conducted a meeting and instructed then Authority Engineer visited the site and observed that the Proposed FRL might cause the entering of Rain water into villages and further revised the Proposed FRL to avoid the above cause.	Open	
EPC 6	4835/Tantric/Date 19-10-20	SPD, PWD, Amravati		-	Regarding compensation	Contractor/A E	PIU level	As there is no		24 Nov 2020

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
					of Damaged crops due to construction of Culvert at Gunji Village			provision for compensation of Damaged Crops, Contractor sorted the issue with the farmer by explaining that the damages did not occur due to ongoing work.		
EPC 6	5144/Tantric-1/Date 4-11-20	SPD, PWD, Amravati		-	Protest to Stop the ongoing Work by Youth Workers of Congress Party	Contractor/A E	PIU level	Superintending Engineer, Amravati visited the Site along with Authority Engineer & Contractor . Youth Congress Protesters were there after		11 June 2020

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
								discussion with them SE, PWC, Amravati sorted the issues by giving proper instruction to the concerned Executive Engineer		
EPC 7	359/Date 17/06/20	SPD, PWD, Daryapur	Hon. Shri.Bal want Wankha de, MLA, Daryapur Constituency on dated 07.12.2021		Regarding poor quality of execution of Daryapur-Akot road Km.156/00 to 180/000	Contractor/A E	PIU level	Authority instructed the contractor to regularly fill the Potholes to ensure good condition of the road and provide proper safety measures. Safety is a continuous process which will		Closed

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
								be assured by the contractor on a daily basis.		
EPC 7	09/12/2021		Hon'ble MLA Shri. Ravi Rana		Regarding slow & faulty execution of work					Closed
EPC 7	24/09/2021		Resident s of Asara village		Regarding getting compensation against loss is farmland				Open	
EPC 8	MIPL/Amravati/EPC-8/Feb-16/01	Madhav Infra Projects Ltd.			पिकाची नुकसान भरणाई माळणे बाबद. (In English: Regarding compensation of Damaged crops	Contractor/A E	PIU level	Authority instructed the Contractor to ensure sprinkling of water on the project road and asked the contractor to explain and sort the matter with the affected	Open	

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
								farmer. As there is no provision for reimbursement.		
EPC 8			Mr. Lokesh S Keche on dated 15.03.2021		Reg Lifting Murrum form Farm	Contractor/A E	PIU level	Murum lifted for EMB work and grievance redressal.		30 March 2021
EPC 8			IMO RHTC Ner-Pinglai on dated 31.12.2020		Clear The Approach Road to the Hospital	Contractor/A E	PIU level	Approach road is cleared and grievance redressal		1 January 2021
EPC 8	-25/11/2020-online RTI Application to Govt. -05/01/2022-online RTI Application to Govt. -22/06/2021-SE PWC Amravati -3/02/2022 Notice issued to SE by Adv. Kartik Kutti on Behalf of Dr. Sarang Deshmukh -11/02/2022-Notice forwarded to CE	Rajurwadi Ch.28+600	Dr. Sarang Ramesh Deshmukh	Add:- B402 Dev Exotica , Kharadi By pass , Pune-411014 Mob.- 7387850365	As per complainant project road is passing through his land and compensation is not paid to him since in past	SE Office or PMU /ADB	PIU level and PMU level	He is not eligible for compensation	Ongoing	

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
	<p>Amravati by Adv. Kartik Kutti on Behalf of Dr. Sarang Deshmukh</p> <p>-21/02/2022-Jon Visit on Site regarding forest proposal</p> <p>-17/03/2022-EE replied Dr. Deshmukh</p> <p>-31/03/2022-Online RTI application to Govt on online portal</p> <p>-6/04/2022-Queries regarding submission of RTI Application</p> <p>a-31/03/2022-Point wise reply to the complaint of Dr. Sarang Deshmukh and points raised by ADB submitted to by SE Amravati to CEPD and Mr. Vivek Salve (Resource Person)</p> <p>-1/04/2022- Point wise reply to the complaint of Dr. Sarang Deshmukh and points raised by</p>									

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
	<p>ADB submitted to by SE Amravati to CEPD and Mr. Vivek Salve (Resource Person)</p> <p>- 12/04/2022- Point wise reply to the complaint of Dr. Sarang Deshmukh and points raised by ADB submitted to by SE Amravati to CEPD and Mr. Vivek Salve (Resource Person)</p> <p>-14/04/2022-Reply sent to shri, Vivek Salve (Resource Person)</p> <p>-19/04/2022-SE Replied</p> <p>-20/04/2022-Reply sent to Maria Lauren regarding query raised by Maria Lauren</p> <p>1) 29/04/2022-SE PWC Amravati replied to Dr. Sarang Deshmukh</p> <p>2) 29/04/2022-SE PWC Amravati Verify all the</p>									

EPC	Complaint No.	Location	Name of the Person	Contact Details	Summary of Complaints	Registered by (Grievance Cell)	Addressed by	Detail Action Taken	Action taken disclosed	Date of Grievance Redress
	<p>facts and arrange a GRC meeting at the earliest</p> <p>3) 05/05/2022- Commented on the reply received to is notice by the EE PWD Amravati 06/05/2022-Dr. Sarang Deshmukh confirms to attend the same meeting</p> <p>4) 07/05/2022- Authority Engineer submitted their comments as directed by SE PWC Amravati</p>									

G. INSTITUTIONAL ARRANGEMENT

45. Institutional arrangements followed the guidelines of the Resettlement Framework approved for MPWD.
46. For implementation of RP, a set of institutions are involved at various levels and stages of the project. For successful implementation of the RP the proposed institutional arrangement with their role and responsibility has been outlined in this section. The primary institutions, who are be involved in this implementation process, are the following:
- ❖ PWD Maharashtra, Government of Maharashtra
 - ❖ Project Implementation Unit (PIU)
 - ❖ Non-Government Organization (NGO)
 - ❖ Village Level Committee (VLC)
 - ❖ District Grievance Redress Committee (GRC)
 - ❖ Authority Engineer/ Supervision Consultant
47. Executing Agency: The Executing Agency (EA) for the Project is PWD- Maharashtra under Maharashtra under Road Improvement Programme (MRIP), Government of Maharashtra. The EA is headed by Chief Engineer who is overall responsible for implementation of loan and for the overall coordination among ADB, Government of Maharashtra. PWD- Maharashtra under Maharashtra under Road Improvement Programme (MRIP) has set up a Project Implementation Unit (PIU) for implementation for the project which will be functional for the whole Project duration.
48. **Resettlement Management at PIU:** For resettlement activities, PIU is doing overall coordination, planning, implementation, and financing and monitoring. The PIU is headed by a Superintending Engineer (SE) assisted by three Executive Engineers (EE). Each of the Executive Engineers stands responsible for looking after the Land Acquisition (if any further) and R&R activities of respective roads. The PIU has hired an NGO for supporting implementation of resettlement activities in the project. The PIU shall maintain all databases, work closely with DPs and other stakeholders and monitor the day today's resettlement activities. Some of the specific functions of the PIU with regards to resettlement management include:
- ❖ Overall responsibility of implementation and monitoring of R&R activities in the Project;
 - ❖ Ensure availability of budget for R&R activities;
 - ❖ Liaison lined agencies support for land acquisition and implementation of RP;
 - ❖ Selection and appointment of the NGOs.
 - ❖ Coordinating with line Departments, PIU, implementing NGO and Authority Engineer/ Supervision Consultant.
 - ❖ Monitor physical and financial progress on land acquisition and R&R activities;
 - ❖ Participate in regular meetings in GRC; and
 - ❖ Organize monthly meetings with the NGO to review the progress on R&R

NGO duties are being handled by Authority Engineers. The roles and responsibilities of various agencies involved in the resettlement planning process and implementation of resettlement activities are summarized in the tables below.

Table 11 Agencies involved in resettlement

Activity	Agency Responsible
Establishment of Social and Resettlement Unit in ADB- PMU and appointment of Focal Person (Social)	ADB-PMU
Organizing resettlement training workshop	ADB-PMU
Social Assessment and Preparation of land acquisition plan, Resettlement Plan (resettlement plan)	ADB-PMU through Design Consultant
Hiring of (Non-Government Organization) NGOs	ADB-PMU
Public consultation and disclosure of resettlement plan	PIU / Design Consultant/NGO
Coordination with district administration for land acquisition	PIU / Design Consultant
Declaration of cut-off date	ADB-PMU/ PIU
Review and obtaining of approval of resettlement plan from ADB	ADB-PMU
Payment of replacement cost and allowance	PIU
Notify the date of commencement of construction to DPs	PIU /AE
Assistance in relocation, particularly for vulnerable groups	PIU /AE
Monitoring of resettlement plan Implementation	PIU /AE

Table 12 Agencies Responsible for Resettlement Implementation

Key Agency	Responsibility
EA PWD-Maharashtra	<ul style="list-style-type: none"> • Make final decision on roads to be included under the project • Overall responsibility for project design, feasibility, construction and operation and guide PIU • Ensure that sufficient funds are available to properly implement all agreed social safeguards measures • Ensure that all project comply with the provisions of ADB's SPS 2009 and Gol's policies and regulations • Submit semi-annual safeguards monitoring reports to ADB
Project Implementation Unit (PIU)-Pusad	<ul style="list-style-type: none"> • Make final decision on roads to be included under the project • Overall responsibility for project design, feasibility, construction and operation and guide PIU • Ensure that sufficient funds are available to properly implement all agreed social safeguards measures • Ensure that all project comply with the provisions of ADB's SPS 2009 • and Gol's policies and regulations • Submit semi-annual safeguards monitoring reports to ADB

Key Agency	Responsibility
Implementation Unit (PIU)-Pusad	<p>(a) District Level</p> <ul style="list-style-type: none"> ➤ Disseminate project information to the project affected community with assistance from DPR Consultants ➤ Ensure establishment of Grievance Redress Committee at the district level for grievance redress with assistance from DPR Consultants <p>(b) Field Level</p> <ul style="list-style-type: none"> ➤ Disclosure of project information in public spaces and through relevant media. ➤ Disseminate project information to the community in coordination with DPR Consultants ➤ Facilitate the socioeconomic survey and census ➤ Facilitate consultation by the civil works contractor with community ➤ throughout implementation ➤ Oversee land acquisition and coordinate with Deputy Commissioner ➤ Supervise the mitigation measures during implementation and its progress ➤ Conduct internal monitoring and prepare reports
Detailed Project Report (DPR) Consultants	<ul style="list-style-type: none"> ➤ Undertake consultations involving community and DPs ➤ Prepare due diligence report if no land acquisition ➤ Encourage community/ DPs to voluntarily participate during the implementation
RP Implementing NGO	<ul style="list-style-type: none"> ➤ Assist in the implementation of the RP if involuntary resettlement is identified.
Construction Supervision Consultant or Authority Engineer(AE)	<ul style="list-style-type: none"> ➤ Provide technical support and advice to the IAs in the implementation of the RP specifically for addressing complaints and grievances and participate in resolving issues as a member of the GRC ➤ Monitor and assist the NGO by providing Technical Support and advice during implementation of RP. ➤ Provide technical advice and on the job training to the contractors as Necessary ➤ Preparation of semi-annual monitoring reports based on the monitoring checklists and submission to RDA for further submission to ADB ➤ Act as External Monitor for project with significant impact
Contractor	<ul style="list-style-type: none"> ➤ Consult community and PIU regarding location of construction camps ➤ Sign agreement with titleholder for temporary use of land and restore the land to equal or better condition upon completion ➤ Commence construction only when alignment is free of encumbrance

Key Agency	Responsibility
	➤ Respond in a timely fashion to recommendations from GRCs
District level officials	<ul style="list-style-type: none"> ➤ Provide any existing socioeconomic information, maps and other related information to DPR Consultant prior to the field data/information collection activities. ➤ Act as the local focal point of information dissemination ➤ Execute land acquisition process (in case required)
Community Based Organizations	<ul style="list-style-type: none"> ➤ Ensure the community participation at various stages of the project ➤ Coordination with stakeholder organizations ➤ Assist in Monitoring of the project ➤ Providing indigenous knowledge as required
Village Level Committee	<ul style="list-style-type: none"> ➤ Provide correct and accurate data and information from project formulation stage ➤ Assist the project team to implement the project smoothly ➤ Arrange proper community participation
ADB	<ul style="list-style-type: none"> ➤ Review due diligence report/RP and endorse or modify the project classification ➤ Review planning documents and disclose the draft and final reports on the ADB's website as required ➤ Monitor implementation through review missions ➤ Provide assistance to the EA and IA of project, if required, in carrying out its responsibilities and for building capacity for safeguard compliance ➤ Monitor overall compliance of the project to ADB SPS

H. MONITORING RESULTS-FINDINGS

49. This section describes the summary and key findings of the monitoring activities.

Table 13 Monitoring results during the reporting period as on 31 December 2021

EPC	Disclosure of Detail GRM/EM/ Project Information to APs and Communities	Stakeholders Consultations done with community in general/vulnerable groups and affected people	Status of Compensation Payment	Status of Redressal of grievances	Presence and impact on indigenous people	Remarks
EPC 1, 2	Activity completed	Due to the severe COVID 19 situation Public consultation could not be conducted. It is being planned for.	Activity to be initiated and Distribution of compensation is in progress	Grievance is recorded and is being resolved. It is an ongoing process	No indigenous people are involved so there is no impact	
EPC 3,4	Activity completed	Consultation was conducted during reporting period	Distribution of compensation is being completed.	Grievance is recorded and is being resolved. It is an ongoing process	No indigenous people are involved so there is no impact	
EPC 5,6, 7,8	Activity Completed	Consultation was conducted in EPC 5,6,7,8 during the reporting period.	Distribution of compensation is being completed.	Grievance is recorded and is being resolved. It is an ongoing process	No indigenous people are involved so nil impact	
EPC 9	Activity completed	Consultation was conducted during reporting period	Distribution of compensation is being completed.	Grievance is recorded and is being resolved. It is an ongoing process	No indigenous people are involved so there is no impact	

I. COMPLIANCE STATUS

50. This chapter summarises the compliance status of the project activities with the loan covenants, ADB SPS policy on SR 2 and approved Final Resettlement Plan.

Table 14: Compliance Status against Loan Covenants, Final RPs

Reference to Loan	Program Specific Covenants	Status / Issues and Concerns
Schedule 4, Para 1	<p>The Borrower, the State and the EA shall ensure that the Project is implemented in accordance with the detailed arrangements set forth in the PAM. Any subsequent change to the PAM shall become effective only after approval of such change by the Borrower, the State, EA and ADB. In the event of any discrepancy between the PAM and this Loan Agreement, the provisions of this Loan Agreement shall prevail.</p> <ul style="list-style-type: none"> • The Borrower shall ensure, or cause the EA to ensure, towards smooth implementation of the Project, that grievances if any from stakeholders, relating to Project implementation or use of funds are addressed effectively and efficiently. • The Borrower shall ensure, or cause the State and the EA to ensure, compliance with all the requirements and obligations in their part as included in this Loan Agreement and the Project Agreement to meet the objectives of the Project in a timely and efficient manner. 	GRC is formed at PIUs and PMU level as per the provision of RP/PAM document for all EPC contracts. All the grievances within the reporting period are being resolved and compiled.
Schedule 4, Para 7	The Borrower shall ensure, or cause the EA to ensure, that no Works contract is awarded which involves involuntary resettlement impacts until the final RP has been prepared and submitted to ADB based on the Project's detailed design, and obtained ADB's clearance of such RP.	Compiled.
Schedule 4, Para 8	<p>The Borrower shall ensure, or cause the EA to ensure, that the preparation, design, construction, implementation, operation and decommissioning of the Project, and all Project facilities comply with</p> <ul style="list-style-type: none"> • all applicable laws and regulations of the Borrower and the State relating to environment, health, and safety; <p>The Environmental Safeguards; and all measures and requirements set forth in the IEE and EMP, and any corrective or preventive actions set forth in a Safeguards Monitoring Report.</p>	Being Complied
Schedule 4, Para 9	The Borrower shall ensure, or cause the EA to ensure, that all land and all rights-of-way required for the Project, and all Project facilities are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land	There is only one land acquisition for which the compensation has been released and is in the District Collector office.

Reference to Loan	Program Specific Covenants	Status / Issues and Concerns
	acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the Borrower and the State relating to land acquisition and involuntary resettlement; (b) the Involuntary Resettlement Safeguards; and (c) all measures and requirements set forth in the RP, and any corrective or preventive actions set forth in a Safeguards Monitoring Report.	The affected person is yet to collect the compensation. No work commenced till date on this road stretch.
Schedule 4, Para 10	The Borrower shall ensure or cause the EA to ensure that the Project does not have any indigenous peoples impacts, all within the meaning of the SPS. In the unforeseen event of any indigenous peoples impact in the Project, the Borrower shall ensure or cause the EA to take all steps required to ensure compliance with the applicable laws and regulations of the Borrower and the State and the SPS.	No indigenous peoples are involved
Schedule 4, Para 11	The Borrower shall ensure, or cause the EA to ensure, that all necessary budgetary and human resources to fully implement the EMP and the RP, as required, are made available on a timely basis.	Being Complied
Schedule 4, Para 12	<p>The Borrower shall ensure, or cause the EA to ensure, that all bidding documents and contracts for Works contain provisions that require contractors to:</p> <ul style="list-style-type: none"> • comply with the measures relevant to the contractor set forth in the IEE, the EMP, and the RP (to the extent they concern impacts on affected people during construction), and any corrective or preventive actions set forth in a Safeguards Monitoring Report; • make available a budget for all such environmental and social measures; • provide the EA with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEE, the EMP, and the RP; • Adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and reinstate pathways, other local infrastructure, and agricultural land to at least their pre- project condition upon the completion of construction. 	Compiled in the preparation/ bidding stage of the project as mentioned in the schedules.

Reference to Loan	Program Specific Covenants	Status / Issues and Concerns
Schedule 4, Para 13	<p>The Borrower shall ensure, or cause the EA to ensure that:</p> <ul style="list-style-type: none"> • submit semi-annual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission; • if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the IEE, the EMP, and the RP as applicable, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan; • Report any breach of compliance with the measures and requirements set forth in the EMP and the RP, promptly after becoming aware of such breach. 	<p>Being Complied as required in RP and PAM.</p> <p>COVID-19 outbreak has been considered as an unanticipated issue.</p>
Schedule 4, Para 15	<p>The Borrower shall ensure, or cause the EA to ensure, that Works contracts under the Project follow all applicable labor laws of the Borrower and the State and that these further include provisions to the effect that contractors:</p> <ul style="list-style-type: none"> • carry out HIV/AIDS awareness programs for labor and disseminate information at worksites on risks of sexually transmitted diseases and HIV/AIDS as part of health and safety measures for those employed during construction; and follow and implement all statutory provisions on labour (including not employing or using children as labour, equal pay for equal work), health, safety, welfare, sanitation, and working conditions. Such contracts shall also include clauses for termination in case of any breach of the stated provisions by the contractors. 	<p>Complied</p> <p>All these provisions were included in general and specific clauses of Contract agreements.</p>
Schedule 4, Para 16	<p>The Borrower shall ensure, or cause the EA to ensure, that</p> <ul style="list-style-type: none"> • the GAP is implemented in accordance with its terms; • the bidding documents and contracts include relevant provisions for contractors to comply with the measures set forth in the GAP; • Adequate resources are allocated for implementation of the GAP; progress on implementation of the GAP, including progress toward achieving key gender outcome and output 	<p>Being Complied for all EPC contracts.</p>

Reference to Loan	Program Specific Covenants	Status / Issues and Concerns
	targets, are regularly monitored and reported to ADB.	
Schedule 4, Para 17	The Borrower shall ensure, or cause the EA to ensure, that the Project is undertaken in conformity with the communication strategy as agreed between ADB, the Borrower, the State, and the EA and referred to in the PAM.	Being Complied
Schedule 4, Para 18	<p>The Borrower shall ensure and cause the State and the EA to comply with ADB's Anticorruption Policy (1998, as amended to date) and</p> <ul style="list-style-type: none"> • shall ensure that the anti-corruption provisions acceptable to ADB, the Borrower, the State and the EA are included in all bidding documents and contracts financed by ADB in connection with the Project, including provisions specifying the right of ADB to review and examine the records and accounts of the State and the EA and all contractors, suppliers, consultants, and other service providers as they relate to the Project, and as included in the PAM; • shall allow and assist ADB's representatives to carry out random spot checks on the work in progress and utilization of funds for the Project; • acknowledge that ADB reserves the right to investigate directly or through its agents any alleged corrupt, fraudulent, collusive or coercive practice relating to the Project; and cooperate with any such investigation and extend all necessary assistance for satisfactory completion of such investigation, and as included in the PAM. 	Being Complied
Schedule 4, Para 19	The Borrower shall ensure or cause the EA to ensure adequate and timely funding for proper maintenance of Project roads, through budgetary support or other alternative sources of financing.	Being Complied

J. FOLLOW UP ACTIONS, RECOMMENDATION AND DISCLOSURES

- Submission and Finalization of Micro plan of CPRs are completed. The compensation distribution is almost completed. The details is provided in the Table 6.
- GRC is functioning as per the protocol of attending and resolving the grievances received as outlines in the RP.
- Follow up of the RP implementation activities shall be a continuous process and shall be a priority.
- Training and consultations to be conducted throughout the project period with various groups involved in the implementation of the project at regular intervals.
- Abiding by the ADB guidelines, prior intimation is to be given to local communities of respected villages where construction work is scheduled and if any issue arises, it is resolved before start of work.
- Encourage Public participation by public consultation.
- Monitoring and evaluation of the project implementation both internal and external shall be done as institutional arrangement mentioned in the RP.
- Updation of the RP after completion of compensation distribution
- Prepare minutes of meetings during public consultations

K. ANNEXURES

Annexure 1 – PMS Site Visit Report – Solapur

Annexure 2 – Glimpses of Resettlement & Rehabilitation Activities

Annexure 3 – PMS Site Visit Report – Yavatmal

Annexure 4 – PMS Site Visit Report – Amravati

Annexure 5 – PMS Site Visit Report – Amravati

Annexure 6 – Glimpses of Informal Meeting and Consultation at EPC 1,2,3,4 & 9

Annexure 7 – PMS Site Visit Report – EPC 6

Annexure 8 – PMS Site Visit Report – Ratnagiri


Annexure 9 – Glimpses of Informal Meeting and Consultation at EPC 5

Annexure 10 – Glimpses of Informal Meeting and Consultation at EPC 6

Annexure 11 – Glimpses of Informal Meeting and Consultation at EPC 7

Annexure 12 – Glimpses of Informal Meeting and Consultation at EPC 8

Annexure 1 – PMS Site Visit Report Solapur

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022

Date and Day of Visit	14/03/2022, Monday to 16/03/2022, Wednesday	No. of days	03
Location:	Solapur, Maharashtra (EPC 3, 4 and 9- MSRIP-I)		


Site Visit Objectives:

The PMS team has carried out the site visit to understand the General Construction Methodology, Progress of construction, Quality of construction, EMP activities during construction, EMOs, Conducting Construction stage Road Safety Audit, presenting the Road Maintenance Program to the PWD officials and record feedback.

Site Visit Agenda:

1. Visit the (i) The Superintending Engineer and the Executive Engineer, Solapur and (ii) Deputy Engineer, Karmala to present the Systematic Road Safety Audit and discuss the site visit program including conducting the construction stage road safety audit.
2. Visit the project road stretches and offices of the EPC contractor & AE.
3. Visit Plants, Field Laboratories of EPC-3, EPC-4 and EPC-9.
4. Conduct construction stage Road Safety Audit.
5. Study the EMP activities during construction.

Day 1- Date and Day: 14/03/2022, Monday	
Meeting at the PWD Executive Engineer Office, Solapur	
A.	<i>Participants</i>
	<ol style="list-style-type: none"> 1. Shri. V.H.More, Executive Engineer, P. W. Division, Solapur 2. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 3. Shri. Surendra M Pattar, Asset Management Specialist, Dorsch Consult India Pvt Ltd 4. Shri. Muthu kumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS). 5. Shri. Vijay Jeughale, Road Safety Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 6. Shri. Pallav Road Safety Auditor, Dorsch Consult India Pvt. Ltd. (PMS) 7. Shri. S. Rama Chandar Rao, Resident Engineer, LASA Pvt. Ltd.(AE-I) 8. Shri. Malyadri Reddy, Senior Quality Material Engineer, LASA Pvt. Ltd. (AE-I) 9. Shri. Khan, Safety & Environmental Engineer, LASA Pvt. Ltd. (AE-I)

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022


	10. Shri. Md. Shahnwaj Ansari, Safety Engineer, Shri SM Autade Pvt. Ltd. (EPC 3 Contractor) 11. Shri. Sanjay Bansode, General Manager, NP INFRA (EPC 4 Contractor) 12. Shri. Rajesh Wagaj, Environmental Focal Person, NP INFRA (EPC 4 Contractor)
B.	<i>Discussion at the Executive Engineer's Office.</i>
	1. Discussions were carried out regarding the Systematic Road Maintenance Program and a copy of the draft program prepared by PMS was handed over to the Executive Engineer. 2. Status on the Environmental Clearance (EC) compliance is discussed. The Executive Engineer has informed that a Pune based agency is engaged for EC Compliance. 3. Forest land & wild life clearance status / present situation were discussed. The Executive Engineer explained that all-out efforts are being taken by the PWD to obtain the required clearance. However, the Forest Department is not reciprocating with the same agility.
<u>Meeting at PWD Superintending Engineer Office, Solapur</u>	
C.	<i>Participants</i>
	1 Shri. Niranjana Telang, the Superintending Engineer, P. W. Division, Solapur 2 Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 3 Shri. Surendra M Pattar, Asset Management Specialist, Dorsch Consult India Pvt Ltd 4 Shri. Muthu kumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS).
D.	<i>Discussion details at the Superintending Engineer office.</i>
	1. PMS Introduced their team to the Superintending Engineer and the purpose of site visit was discussed. 2. The Superintending Engineer has explained their concerns in relation to the safety aspects such as road safety at diversions, height difference of the completed portion of the highway and balance portion to be constructed etc. 3. PMS has requested for the comments / suggestion of the Superintending Engineer on the systematic road maintenance program. Copy of the program prepared was handed over to the Superintending Engineer and he informed that the comments will be provided soon.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022

Site visit observation of EPC 03 – Improvement to Barshi Solapur Akkalkot Dundhane Aland to State border Road SH 204 Chainage Km 1/400 to Km 63/300

E.	Participants
	<ol style="list-style-type: none"> 1 Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 2 Shri. Surendra M Pattar, Asset Management Specialist, Dorsch Consult India Pvt Ltd 3 Shri. Muthu kumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS).
F.	Site visit observations
	<ol style="list-style-type: none"> 1. As per schedule B, Appendix BXX, B, 9.1 the TMP shall be submitted by the contractor and approved. The same is not approved till date. 2. Concrete debris are not removed from the waterways after dismantling the old culverts / bridges. This could obstruct the water way & adversely impact the surrounding environment. The object marker sign direction is wrongly placed which may mislead the traffic and color code need to be as per IRC 67. 3. Only a few temporary safety sign boards are provided at site. It has been observed that the sign boards are not as per IRC (SP 55) standards at the construction zone.




	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022



4. It is observed that some of Contractor's team members not using PPEs at site.
5. Rain water harvesting works are not yet taken up.
6. Construction of Bus bays & Bus shelters have not commenced.
7. Construction in the forest section is yet to be commenced.
8. Some of Safety measures are not being followed on campsites and validity of some of the fire extinguishers have expired.




	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022



Finished Pavement works including signage

9. On visual inspection finishing of pavement layers appeared to be satisfactory.
10. Finishing of the structural work is suggested to be improved



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022

	<p>11. The Resident Engineer of AE, informed PMS that there are no open issues related to social safeguards.</p> <p>12. According to the Contractor's representative, certain politically motivated issues have occurred in March 2022. Villagers from Pangaon were demanding for a service road which is not in the scope. AE has recorded this incident in their GRM.</p>
<u>Meeting with the AE & EPC Contractor at AE office, Barshi.</u>	
G.	Participants
	<ol style="list-style-type: none"> 1. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 2. Shri. Surendra M Pattar, Asset Management Specialist, Dorsch Consult India Pvt Ltd 3. Shri. Muthu kumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS). 4. Shri. S. Rama Chandar Rao, Resident Engineer, LASA Pvt. Ltd.(AE-I) & Team 5. Shri. Suresh Babu Project Manager, EPC 3 Contractor.
H.	Discussion details
	<ol style="list-style-type: none"> 1. Contractor & AE have reported that the construction of the project is likely to be completed before / in time. 2. The PMS has presented and explained their observations / concerns (as mentioned under Section F), to the AE & contractor. 3. PMS has informed the Contractor & AE that the rain harvesting works can be commenced as soon as possible, as promised during the ADB mission in September 2021. 4. PMS has requested the Contractor & AE for further data & photos related to CCA works. AE agreed that the requested information will be provided as soon as possible. 5. PMS has verified the original insurance details of contractors and found them in order.
Day 2- Date and Day: 15/03/2022, Tuesday Site visit to EPC 04 Improvement to Daund Karmala Paranda Barshi Osmanabad Road SH 68 Km 137/260 to 189/120	


	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022

- /.
1. Progress of the work is about 35% against the planned 89 %.
 2. It is observed that rainwater harvesting work and bus shelters work is not yet started' during the discussion of individual activities.
 3. Construction in the forest section (including bird sanctuaries) is yet to be commenced (10.3 km road stretch)
 4. It is observed that about 40% of CD works are not started.
 5. It has been observed that some of safety measures at site are not being followed. No safety measures are adopted at diversions and construction stretches.



6. Very few existing signages are present along the stretch.
7. It has been observed that the construction of road works is continued only on one side, for 3 to 4 kilometers in a stretch; and leaving the other half without taking up any work. The average level difference of these two lanes is approximately 0.50 m and can be a safety hazard.



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022

	<p>This accident trap is left without taking any safety precautions or measures. It is proposed that the stretch taken up has to be completed up to DBM level on both sides before advancing to further stretches.</p> <ol style="list-style-type: none"> 8. No RFIs for tree plantation were submitted and no records are being maintained, as informed the EPC contractor. 9. Disposal Sites are finalized and approved by AEs. 10. Public consultations are being carried out at the Contractors level on 20.10.2021, 27.10.2021, 11.11.2021 and 30.11.2021. 11. It was informed that the contractor is planning for HIV/health Checkup programs soon. 12. All the quarry permissions are available and are being maintained regularly. Quarry is located at survey no. 410. 13. Local laborers are sourced from nearby sugar factory and nearby villages.
<u>Meeting at PWD Deputy Engineer Office, Karmala</u>	
J.	Participants
	<ol style="list-style-type: none"> 1. Shri. Ubale K M, Deputy Engineer, Karmala 2. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 3. Shri. Surendra M Pattar, Asset Management Specialist, Dorsch Consult India Pvt Ltd 4. Shri. Muthukumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS). 5. Shri. Vijay Jeughale, Road Safety Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 6. Shri. Pallav Road Safety Auditor, Dorsch Consult India Pvt. Ltd. (PMS) 7. Shri. S. Rama Chandar Rao, Resident Engineer, LASA Pvt. Ltd. (AE-I) & Team 8. Shri. Umesh.V.Jagatap Project Manager, EPC Contractor.
K.	Discussion Details
	<ol style="list-style-type: none"> 1. Discussed about road safety audit observations 2. Discussed about the slow progress of work. 3. Discussed about the necessity to complete the taken-up stretch.
L.	Site Visit Observations of EPC 9 Improvement to Daund Karmala Paranda Barshi Osmanabad Road SH 68 Km 208/160 to 250/155
	<ol style="list-style-type: none"> 1. Progress of the work is about 85% against the planned 95%. The road signage and road marking work are yet to start.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022





2. It is observed that rainwater harvesting work is not yet started during the discussion of individual activities.
3. No RFIs for tree plantation were submitted and no proper records are being maintained.
4. Disposal Sites for construction waste is finalized and approved by AEs.
5. Public consultations are done at the Contractors level.
6. The contractor is planning for HIV/health Checkup programs by next quarter on 20.10.2021 and 04.12.2021.
7. In spite of giving multiple requests to the Irrigation department, they have not provided water for construction use. Currently the contractor is using Water tankers.




8. It is observed that at the diversion location, the substandard signboard is provided, which may not be sufficient enough to safely protect the diversion.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022

Day 3- Date and Day: 16/03/2022, Wednesday <u>Meeting at PWD Superintending Engineer Office, Solapur</u>	
M.	Participants
	<ol style="list-style-type: none"> 1. Shri. Sanjay Mali, Superintending Engineer, P. W. Division, Solapur 2. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 3. Shri. Surendra M Pattar, Asset Management Specialist, Dorsch Consult India Pvt Ltd 4. Shri. Muthukumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS). 5. Shri. Vijay Jeughale, Road Safety Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 6. Shri. Pallav, Road Safety Auditor, Dorsch Consult India Pvt. Ltd. (PMS)
N.	Discussion details
	<ol style="list-style-type: none"> 1. The observations during the site visit and road safety audit were discussed with the Superintending Engineer.  <ol style="list-style-type: none"> 2. PMS has requested for the comments / suggestion of the Superintending Engineer on the systematic road maintenance program. 3. The Superintending Engineer informed that at one location in EPC 9, villagers are demanding side drain along the road for about 300 meters. The SE has enquired PMS whether providing the covered side drain can be justified. PMS clarified that this cannot be justified citing safety concerns.
<u>Meeting at the PWD Executive Engineer Office, Solapur</u>	

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SP/004
	Site Visit Report	Date: 17/03/2022

O	Participants
	<ol style="list-style-type: none"> 1. Shri. V.H.More Executive Engineer, P. W. Division, Solapur 2. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 3. Shri. Surendra M Pattar, Asset Management Specialist, Dorsch Consult India Pvt Ltd 4. Shri. Muthukumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS). 5. Shri. Vijay Jeughale, Road Safety Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 6. Shri. Pallav Road Safety Auditor, Dorsch Consult India Pvt. Ltd. (PMS)
P.	Discussion details
	<ol style="list-style-type: none"> 1. The observations during the site visit and road safety audit were discussed with the Executive Engineer.  <ol style="list-style-type: none"> 2. PMS team has made a presentation on the Systematic Road Maintenance program. 3. Discussions were carried out about commencing the Rain water harvesting system at culverts location; which need to be completed before monsoon 4. It was commented that the drainage cleaning is not included in the systematic maintenance program, however PMS clarified that the item is included.

Prepared by	Approved by
S Muthu Kumaran	Shibu Joseph

Annexure 2 – Glimpses of Resettlement and Rehabilitation Activities

Quarterly Technical Report

Consultancy Services for Authority Engineer for Supervision of the Packages on EPC-AE-Package-1

MAHARASHTRA ROAD IMPROVEMENT PROJECT



WORK RELATED PHOTOGRAPHS: MAY 2022

<p>Mrs Chhaya Naik Madam SE Ratnagiri R&R Related Meeting</p>	<p>Mr Bharati Sir DE Lanja, R&R Related Meeting</p>
<p>Miss Pooja Ingawale Madam DE Devarukh Site Visit</p>	<p>Abasaheb Marathe Collage Rajapur</p>
<p>Structure & ROW Related Work With Survey Team</p>	<p>Site Visit EPC 2</p>



June 2022

82



14.13 WORK RELATED PHOTOGRAPHS: JUNE 2022

Mr Pramod Bharati Sir DE Lanja R&R Related Meeting	On Job Training EPC 1 Camp Oni, R&R Related
Attend Meeting All Staff	CPR Work in Progress
Road Marking Near By Bus Shelter EPC 1	Site Visit EPC 1 Chafe Ganapatipule Road



WORK RELATED PHOTOGRAPHS: APRIL 2022

Eye Check Up Camp Related Mr. Nainesh Lakeshri (H.R.Head Infigo Eye Care Hospital Ratnagiri)	Miss Pooja Ingawale Madam Deputy Engineer P.W. Sub-Division Devrukh
Lok Vidyalay Tulasani EPC 1	Gram Panchayat Nive Gramsevak And Sarpanch
Gram Panchayat Shiposhi Mr Kulakrani Sir And Sarpanch	Work Done Bus Shelter EPC 1

Annexure 3 - PMS Site Visit Report Yavatmal

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/005; Rev-0
	Site Visit Report	Date: 15/04/2022

Date and Day of Visit	12/04/2022, Tuesday to 13/04/2021, Wednesday	No. of days	02
Location:	Pusad, Dist. Yavatmal, Maharashtra (EPC 5, MSRI-P)		

Site Visit Objectives:	Verify the compliance status of GESI, Environmental safeguards and to discuss Action Plan for Forest clearance etc.
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Site Visit Agenda:	<ol style="list-style-type: none"> 1. Conduct field visits along the project road stretches, camp/plant sites and laboratories 2. Verify the status of GESI and Gender Specific Activities, and carry out discussions at the field.
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Day 1 - Date and Day: 12/04/2022, Tuesday

Location and Description of site:

A.	<i>Participants</i>
	<ol style="list-style-type: none"> 1. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 2. Shri. Surendra Pattar, Asset Management Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 3. Shri. Muthu kumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS).

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/005; Rev-0
	Site Visit Report	Date: 15/04/2022

B.	Activities/General Observations and Discussion during inspection/Visit
	<p>1. Bituminous debris dumped on the side of the road. Pre-defined area has to be marked for stacking of this bituminous waste.</p> <div style="display: flex; justify-content: space-around;">   </div> <p>2. Proper side drain is not maintained. Waste materials like branches of trees already cut and construction waste etc are dumped on the drain. The waste materials may be removed from the drain and the drain may be maintained functional.</p>  <p>3. Works like Apron/Revetment etc for the culverts are not complete. Sign board OHM is placed wrongly. It will lead unnecessary confusions and it should be rectified properly as per the standards.</p>

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/005; Rev-0
	Site Visit Report	Date: 15/04/2022



4. Concrete Crash Barrier constructed is not parallel to the center line of the road. Object Hazard Marker is not provided in line with the object. Earthen Shoulder/ Hard shoulder constructed is not as per technical specifications. Loose aggregates may lead to accident of vehicles entering from paved shoulder to Earthen Shoulder/ Hard shoulder.



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/005; Rev-0
	Site Visit Report	Date: 15/04/2022

5. Rain water harvesting system at downstream side of culvert is complete and balance works related to culvert construction is to be completed.



6. The workmanship of stone pitching is poor. Works are to be completed.



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/005; Rev-0
	Site Visit Report	Date: 15/04/2022

7. Concrete debris obstructing the water way and concrete debris is not stacked at designated place.



8. The ramp for the disabled persons in Bus waiting shed is sloping towards the highway. This may lead to accidents. This may be corrected. Encroachments also may be removed.



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/005; Rev-0
	Site Visit Report	Date: 15/04/2022

9. The retaining wall provided should have been matching with the Head wall of the Culvert. Guard stones may be provided as per clause number 13.5.1 of IRC: SP:13-2004.



10. It has been observed that some completed junctions /intersections are not meeting the IRC standard requirements. It is suggested to improve the road safety by providing shoulders at the junction roads, road signage and road markings.



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/005; Rev-0
	Site Visit Report	Date: 15/04/2022

11. Some parts of the stretches require proper grading and compaction on the shoulder as well as on the embankment slopes, to allow for water to drain. Embankment slopes are being subjected to rain cuts and need some form of protection / maintenance to hold them together.



12. At Chainage 253.350, Speed breaker sign board provided without speed breaker. Such sign boards may be removed. It is noticed that Crash Barriers are provided at unwanted locations. However crash barriers are not provided for stretches where it is to be provided as per contract agreement like Embankments with more than 3m height, curves with radius less than 450 m etc.



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/005; Rev-0
	Site Visit Report	Date: 15/04/2022

13. Embankment Height is more than 3.0m and safety barriers with delineating reflectors fitted on them as per clause number 9.7.1. (i) of IRC: SP:73-2015 is not provided. This is applicable for the entire stretch wherever the embankment height is more than 3.0 m.



14. Radius of the curve at Km 258.103 is 230m. Since the radius is less than 450m W beam crash barrier shall be provided for the entire length of the curve along with transitions e and further 20m length before and after on the straight portion as per clause number 9.7.1. (i) of IRC: SP:73-2015.



Road studs shall be provided at 6.0 m interval with specific location and color as per Table number 9.1 of IRC: SP:73-2015.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/005; Rev-0
	Site Visit Report	Date: 15/04/2022

	<p>Since the radius is less than 450m no overtaking center line marking shall be provided as per clause number 9.3.1 of IRC: SP:73-2015.</p> <p>Curve warning signs speed limit signs and chevron signs are not provided as per clause number 9.2.7 of IRC: SP:73-2015.</p> <p>This is applicable for the entire stretch wherever the radius of the horizontal curve is less than 450.0 m.</p>
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Prepared by	Approved by
S. Muthu Kumaran	Shibu Joseph

Annexure 4 - PMS Site Visit Report Amravati

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022


Date and Day of Visit	9/04/2022, Saturday to 12/04/2022, Tuesday	No. of days	04
Location:	Dist. Amravati (EPC 6, 7A, 7B, 8A and 8B) and Dist. Yavatmal, Maharashtra		

Site Visit Objectives:	Verify the compliance status of GESI, Environmental safeguards and to discuss Action Plan for Forest clearance etc.
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Site Visit Agenda:	<ol style="list-style-type: none"> 1. Conduct field visits along the project road stretches, camp/plant sites and laboratories 2. Verify the status of GESI and Gender Specific Activities, and carry out discussions at the field.
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Day 1- Date and Day: 09/4/2022, Saturday	
Location and Description of site: EPC 7A- Valgaon Daryapur Akot SH-47 Road (Daryapur to Akot) Dist. Amravati & Akola (Km 142/000 to 180/000) EPC 7B- Amla Runmochan Asara Road, District Amravati (MDR-21 and SH-301) (17.50 km) (from 0/000 km Daryapur to 17/500 km Asara)	
A.	Participants
	<ol style="list-style-type: none"> 1. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 2. Shri. Surendra Pattar, Asset Management Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 3. Shri. Muthu kumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 4. Shri., Jitendra Dere, Asst. Highway Engineer Lion and Krushanji Constro. (AE-II) 5. Shri., Hitesh Lahane, Asst. Highway Engineer, Lion and Krushanji Constro. (AE-II) 6. Shri., Pravesh Kumar, Quantity Surveyor, Lion and Krushanji Constro. (AE-II) 7. EPC Contractors Representatives headed by Shri. Tushal Bashkar.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022

B.	Activities/General Observations and Discussions during inspection/Visit
	<p>EPC 7- Project Road Stretch Inspection- (at Chainage- 156/00 to 180/000 km)</p> <p>Road Stretch Inspection- From Amravati towards Daryapur – Akot road and MDR 31 at Amravati</p> <div style="display: flex; align-items: flex-start;">  <div style="margin-left: 20px;"> <p>1. About 94 % and 96 % percent physical work is completed at EPC 7a and EPC 7b respectively. Construction of the Bus shelter, rainwater harvesting structures, DBM work and BC work are in progress.</p>  <p>Some parts of the road stretches are fully constructed (till BC layer) and in between some parts of road stretches is completed on one side / lane. No forest section is in this stretch, and as such no delay's occurred in this EPC for want of Forest Clearance.</p> </div> </div> <p>2. PMS team has verified the following documents at the EPC 7 contractors site office, (as required by the Schedule P of EPC contract.)</p> <ul style="list-style-type: none"> - The Insurance during contract period, insurance for the contract defects liability, insurance against injury of persons and damage to the property are available as per Schedule P of contract. - Workman Compensation Policy - Insured's Name - P.D. AGRAWAL INFRA.LTD & OFF.OF EXE.ENGG.SP. PROJECT(P.W.) DIV NO 2 DRYAPUR. Validity - Till 25/11/2021 and applied for renewal for another 12 months period. - Insurance against injury to persons and to property is available. - Permission of the State Government for extraction of boulders from quarry is available.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022

- Permission of Village Panchayats and Pollution Control Board for installation of crushers is available
 - Clearance of Pollution Control Board for setting up batching plant is available.
 - Permission of Village Panchayats for borrow earth is available
 - It is observed that social improvement works such as construction of toilets Drinking water facilities, boundary wall painting at schools are in advanced stage of execution.
3. PMS has suggested that the road furniture and road finishing works may be commenced simultaneously.



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022

	<ol style="list-style-type: none"> 4. Contractor has established their basecamp and site office at about 10km from the Project Road, Daryapur. 5. Present status of the progress, Forest Clearance, RP implementation, land acquisition, change of scope and EoT were discussed with the Authority Engineer. 6. BC and DBM works are in progress. It has been observed that required safety measures are not followed by the working personnel such as wearing safety jackets, safety helmets, hand gloves etc. 7. In the project stretch the rehabilitation works have been completed.
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Day 2- Date and Day: 10/04/2022, Wednesday

Location and Description of site:


EPC 8A- Amravati Chandur Railway-Talegaon Road (km 32/000 to 49/000)

EPC 8B- Riddhapur Lehegaon Ner-Pingalai Teosa Road SH 300 (km 0/000 to 40/800 km)

EPC 6- Teosa-Kurha- Anjansinghi- Dhamnagaon Railway- Devgaon- Babhulgaon Road. (40/600 to 108/000 km) and Dhamangaon Bypass Road (0/000 to 5/400 km) (SH-300 and SH 300 A) (from Chainage- 40/600 to 55/000, 58/000 to 83/400, 85/200 to 108/000 and 0/000 to 5/400 km)

A.	Participants
	<ol style="list-style-type: none"> 1. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 2. Shri. Surendra Pattar, Asset Management Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 3. Shri. Muthu kumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS). 4. EPC 8 Contractors Representatives headed by Shri. K.Kumara.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022

B.	Activities/General Observations and Discussions during inspection/Visit
	<p>EPC 8A - Amravati Chandur Railway-Talegaon Road (km 32/000 to 49/000) EPC 8B - Riddhapur Lehegaon Ner-Pingalai Teosa Road SH 300 (km 0/00 to km 40/80) Road Stretch Inspection</p> <div data-bbox="383 640 1295 1099">  </div> <ol style="list-style-type: none"> 1. About 46.30% physical work is completed at EPC 8b. Construction of the Bus shelter, rainwater harvesting structures, PQC, DBM and BC works are under progress. 2. 7.88 Km length of road construction is not started in EPC 8 b due to non-availability of forest clearance. 3. Work in the village Ner Pinglai is affected due to encroachments 4. Road Stretch Inspection - Amravati Chandur Railway-Talegaon Road (km 32/000 to 49/000). About 86.46% physical work is completed at EPC 8a. 5. Construction of the Bus shelter, rainwater harvesting structures, DBM works and BC works are under progress. 6. It has been observed that some workers not wearing required Personal Protective Equipment's (PPE), thus compromising on Safety at <ul style="list-style-type: none"> • EPC 8a Chainage km 43/700, km 48/900 • EPC 8b Chainage km 0/650, km 5/200

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022

	<p>7. PMS team has verified the following documents at the EPC 8 contractors site office, (as required by the Schedule P & F of EPC contract.)</p> <ul style="list-style-type: none"> ▪ Workman Compensation Policy: Insured's Name - M/s. Madhav Infra Projects Ltd. ▪ Insurance against injury to persons and to property is available. - Permission of the State Government for extraction of boulders from quarry is available. - Permission of Village Panchayats and Pollution Control Board for installation of crushers is available. - Clearance of Pollution Control Board for setting up batching plant is available - Permission of Village Panchayats for borrow earth is available. - It is observed that social improvement work such as construction of toilets Drinking water facilities, boundary wall painting at schools are in advanced stage of execution. <p>8. Contractor has established its Base camp & Site office at Ch. 26+500 RHS, Kamlapur (Road A) & 36+300 LHS (Road-B).</p>
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	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022

9. Present status of the progress, forest clearance, RP implementation, land acquisition, change of scope and EoT are discussed with the Authority Engineer.



10. BC and DBM work are in progress and some of the safety measures are not followed such as safety jackets, safety helmets, safety shoes, hand glows etc.
11. In the project road stretch rehabilitation works are under progress.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022

12. It has been observed that shoulders are not compacted properly. Proper compaction may be done.



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022

13. The Road / Pavement construction works are under progress. Due to construction of one side of pavement, there is a significant level difference between two sides and it has a potential for accidents. Sufficient safety measures are not taken up.



EPC 6- Teosa-Kurha- Anjansinghi- Dhamnagaon Railway- Devgaon- Babhulgaon Road. (40/600 to 108/000 km) and Dhamangaon Bypass Road (0/000 to 5/400 km) (SH-300 and SH 300 A) (from Chainage- 40/600 to 55/000, 58/000 to 83/400, 85/200 to 108/000 and 0/000 to 5/400 km)

1. About 82 % percent physical work is completed at EPC 6. Construction of the Bus shelter, DBM work and BC works are under progress and the rainwater harvesting works are planned to be commenced by 1st Week of May 2022.
2. It has been observed that some workers not wearing required Personal Protective Equipment (PPE), thus compromising on Safety at site.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022

3. PMS team has verified the following documents at the EPC 6 contractors site office, (as required by the Schedule P of EPC contract.)
- Insured's Name - M/S SHREEJI INFRASPACE PVT LTD
 - Insurance against injury to persons and to property is available.
 - Permission of the State Government for extraction of boulders from quarry is available.
 - Permission of Village Panchayats and Pollution Control Board for installation of crushers is available.
 - Clearance of Pollution Control Board for setting up batching plant is available.
 - Permission of Village Panchayats for borrow earth is available.
 - It is observed that social improvement work such as construction of toilets Drinking water facilities at schools are in advanced stage of execution.



4. Tree cutting work is in progress
5. A visual inspection of the project road stretch. has been carried out by the PMS team.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-1
	Site Visit Report	Date: 15/04/2022



6. It is observed that the newly constructed girls' toilet in the school compound and the open well in the adjacent local government office compound is very close and not separated with a compound wall. PMS suggested that either the compound wall is reconstructed or the open well is safely protected to avoid probable accident to the children using newly constructed girls' toilet.



Prepared by	Approved by
S. Muthu Kumaran	Shibu Joseph

Annexure 5 - PMS Site Visit Report Amravati

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022


Date and Day of Visit	9/04/2022, Saturday to 12/04/2021, Tuesday	No. of days	04
Location:	Dist. Amravati (EPC 6, 7A, 7B, 8A and 8B) and Dist. Yavatmal, Maharashtra		

Site Visit Objectives:	Verify the compliance status of GESI, Environmental safeguards and to discuss Action Plan for Forest clearance etc.
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Site Visit Agenda:	<ol style="list-style-type: none"> 1. Conduct field visits along the project road stretches, camp/plant sites and laboratories 2. Verify the status of GESI and Gender Specific Activities, and carry out discussions at the field.
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Day 1- Date and Day: 09/4/2022, Saturday	
Location and Description of site: EPC 7A- Valgaon Daryapur Akot SH-47 Road (Daryapur to Akot) Dist. Amravati & Akola (Km 142/000 to 180/000) EPC 7B- Amla Runmochan Asara Road, District Amravati (MDR-21 and SH-301) (17.50 km) (from 0/000 km Daryapur to 17/500 km Asara)	
A.	Participants
	<ol style="list-style-type: none"> 1. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 2. Shri. Surendra Pattar, Asset Management Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 3. Shri. Muthu kumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS). 4. Shri., Jitendra Dere, Asst. Highway Engineer Lion and Krushanji Constro. (AE-II) 5. Shri., Hitesh Lahane, Asst. Highway Engineer, Lion and Krushanji Constro. (AE-II) 6. Shri., Pravesh Kumar, Quantity Surveyor, Lion and Krushanji Constro. (AE-II) 7. EPC Contractors Representatives headed by Shri. Tushal Bashkar.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022

B.	Activities/General Observations and Discussions during inspection/Visit
	<p>EPC 7- Project Road Stretch Inspection- (at Chainage- 156/00 to 180/000 km)</p> <p>Road Stretch Inspection- From Amravati towards Daryapur – Akot road and MDR 31 at Amravati</p> <div style="display: flex; justify-content: space-around;">  <div> <p>1. About 94 % and 96 % percent physical work is completed at EPC 7a and EPC 7b respectively. Construction of the Bus shelter, rainwater harvesting structures, DBM work and BC work are in progress.</p>  </div> </div> <p>Some parts of the road stretches are fully constructed (till BC layer) and in between some parts of road stretches is completed on one side / lane. No forest section is in this stretch, and as such no delay's occurred in this EPC for want of Forest Clearance.</p> <p>2. PMS team has verified the following documents at the EPC 7 contractors site office, (as required by the Schedule P of EPC contract.)</p> <ul style="list-style-type: none"> - The Insurance during contract period, insurance for the contract defects liability, insurance against injury of persons and damage to the property are available as per Schedule P of contract. - Workman Compensation Policy - Insured's Name - P.D. AGRAWAL INFRA.LTD & OFF.OF EXE.ENGG.SP. PROJECT(P.W.) DIV NO 2 DRYAPUR. Validity - Till 25/11/2021 and applied for renewal for another 12 months period. - Insurance against injury to persons and to property is available. - Permission of the State Government for extraction of boulders from quarry is available.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022

- Permission of Village Panchayats and Pollution Control Board for installation of crushers is available
 - License from Inspector of Factories / other competent Authority for setting up batching plant is available
 - Clearance of Pollution Control Board for setting up batching plant is available.
 - Permission of Village Panchayats and State Government for borrow earth is available
 - Financial plus elements implementation schedule is available.
3. Visual inspection of completed minor bridge and box culvert has been carried out. PMS has suggested that the road furniture and road finishing works may be commenced simultaneously.



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022

	<ol style="list-style-type: none"> 4. Contractor has established their basecamp and site office at about 10km from the Project Road, Daryapur and maintaining reports and records for both roads at the camp office. 5. Present status of the progress, Forest Clearance, RP implementation, land acquisition, change of scope and EoT were collected from the Authority Engineer. 6. BC and DBM works are in progress. It has been observed that required safety measures are not followed by the working personnel such as wearing safety jackets, safety helmets, hand gloves etc. 7. In the project stretch the improvement and rehabilitation works have been completed.
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Day 2- Date and Day: 10/04/2022, Wednesday	
Location and Description of site: EPC 8A- Amravati Chandur Railway-Talegaon Road (km 32/000 to 49/000) EPC 8B- Riddhapur Lehegaon Ner-Pingalai Teosa Road SH 300 (km 0/000 to 40/800 km) EPC 6- Teosa-Kurha- Anjansinghi- Dhamnagaon Railway- Devgaon- Babhulgaon Road. (40/600 to 108/000 km) and Dhamangaon Bypass Road (0/000 to 5/400 km) (SH-300 and SH 300 A) (from Chainage- 40/600 to 55/000, 58/000 to 83/400, 85/200 to 108/000 and 0/000 to 5/400 km)	
A.	Participants
	<ol style="list-style-type: none"> 1. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 2. Shri. Surendra Pattar, Asset Management Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 3. Shri. Muthu kumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS). 4. EPC 8 Contractors Representatives headed by Shri. K.Kumara.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022

B.	Activities/General Observations and Discussions during inspection/Visit
	<p>EPC 8A - Amravati Chandur Railway-Talegaon Road (km 32/000 to 49/000) EPC 8B - Riddhapur Lehegaon Ner-Pingalai Teosa Road SH 300 (km 0/00 to km 40/80) Road Stretch Inspection - Riddhapur Lehegaon Ner-Pingalai Teosa Road SH 300 (km 0/00 to km 40/80)</p> <ol style="list-style-type: none"> 1. About 46.30% physical work is completed at EPC 8b. Construction of the Bus shelter, rainwater harvesting structures, PQC, DBM and BC works are under progress. 2. 7.88 Km length of road construction is not started in EPC 8 b due to non availability of forest clearance. 3. Works in the village Ner Pinglai is stopped by protesting public. <div data-bbox="399 922 1305 1516" data-label="Image">  </div> <ol style="list-style-type: none"> 4. Road Stretch Inspection - Amravati Chandur Railway-Talegaon Road (km 32/000 to 49/000). About 86.46% physical work is completed at EPC 8a. 5. Construction of the Bus shelter, rainwater harvesting structures, DBM works and BC works are under progress.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022



6. It has been observed that some workers not wearing required Personal Protective Equipment's (PPE), thus compromising on Safety at site.
7. PMS team has verified the following documents at the EPC 8 contractors site office, (as required by the Schedule P of EPC contract.)
 - Workman Compensation Policy: Insured's Name - M/s. Madhav Infra Projects Ltd.
 - Insurance against injury to persons and to property is available.
 - Permission of the State Government for extraction of boulders from quarry is available.
 - Permission of Village Panchayats and Pollution Control Board for installation of crushers is available.
 - License from inspector of factories or other competent Authority for setting up batching plant is available.
 - Clearance of Pollution Control Board for setting up batching plant is available.
 - Permission of Village Panchayats and State Government for borrow earth is available.
 - Financial plus elements implementation schedule is available.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022



8. Tree cutting work is in progress
9. Visual inspection of minor bridge and box culvert and suggested to start the road furniture and road safety works.



10. Contractor has established its Base camp & Site office at Ch. 26+500 RHS, Kamlapur (Road A) & 36+300 LHS (Road-B) and maintaining reports and records in the camp office.
11. Present status of the progress, forest clearance, RP implementation, land acquisition, change of scope and EoT are obtained from Authority Engineer.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022



12. BC and DBM work are in progress and some of the safety measures are not followed such as safety jackets, safety helmets, cotton hand gloves etc.
13. Visual inspection of minor bridge and box/slab culverts are done.
14. Details of CCA report is collected.
15. In the project road stretch the improvement and rehabilitation works are under progress.
16. It has been observed that shoulders are not compacted properly. Proper compaction may be done.



	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022



17. The Road / Pavement construction works are under progress. Due to construction of one side of pavement, there is a significant level difference between two sides and it has a potential for accidents. Sufficient safety measures are not taken up.



EPC 6- Teosa-Kurha- Anjansinghi- Dhamnagaon Railway- Devgaon- Babhulgaon Road. (40/600 to 108/000 km) and Dhamangaon Bypass Road (0/000 to 5/400 km) (SH-300 and SH 300 A) (from Chainage- 40/600 to 55/000, 58/000 to 83/400, 85/200 to 108/000 and 0/000 to 5/400 km)

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022

Road Stretch Inspection - Riddhapur Lehegaon Ner-Pingalai Teosa Road SH 300 (km 0/00 to km 40/80)

1. About 82 % percent physical work is completed at EPC 6. Construction of the Bus shelter, DBM work and BC works are under progress and the rainwater harvesting works are planned to be commenced by 1st Week of May 2022.



2. It has been observed that some workers not wearing required Personal Protective Equipment (PPE), thus compromising on Safety at site.
3. PMS team has verified the following documents at the EPC 8 contractors site office, (as required by the Schedule P of EPC contract.)
 - Insured's Name - M/S SHREEJI INFRASPACE PVT LTD
 - Insurance against injury to persons and to property is available.
 - Permission of the State Government for extraction of boulders from quarry is available.
 - Permission of Village Panchayats and Pollution Control Board for installation of crushers is available.
 - License from inspector of factories or other competent Authority for setting up batching plant is available.
 - Clearance of Pollution Control Board for setting up batching plant is available.
 - Permission of Village Panchayats and State Government for borrow earth is available.
 - Financial plus elements implementation schedule is available.
4. A visual inspection of the project road stretch. has been carried out by the PMS team.

	Maharashtra State Road Improvement Project	Doc No. DCI/RH/HM/3-1094/RP/SV/006; Rev-0
	Site Visit Report	Date: 15/04/2022



5. It is observed that the newly constructed girls' toilet in the school compound and the open well in the adjacent local government office compound is very close and not separated with a compound wall. PMS suggested that either the compound wall is reconstructed or the open well is safely protected to avoid probable accident to the children using newly constructed girls' toilet.



Prepared by	Approved by
S. Muthu Kumaran	Shibu Joseph



Annexure 6 – Glimpses of Informal Meeting during the Reporting Periods



Status of Informal Meeting under MRIP Phase-1 for period (from January to June 2022) of EPC- 1, 2, 3, 4 & 9




Sl. No.	EPC Package	Date	Venue	Meeting with	Participants		
					Male	Female	Total
1	EPC-1	05.01.2022	Ori-Dhamanse Village	Local Villagers	41	1	42
2		01.02.2022	Nive Gram Panchayat Office	Gram Panchayat Officials & Local Villagers	3	2	5
3		04.04.2022	Infigo Eye Care Hospital Ratnagiri	Hospital Staff	3	0	3
4		11.04.2022	PWD Sub Division Office Devrukh	PWD Officials	2	1	3
5		12.04.2022	E.E. Office North Ratnagiri	PWD Officials	2	1	3
6		20.04.2022	Lok Vidyalaya Tulasani	School Principal	4	0	4
7		27.04.2022	Nive Gram Panchyat Office	Gram Panchayat Officials	3	2	5
8		23.05.2022	S.E. Office Rantnagiri	PWD Officials	2	1	3
				Total	60	8	68
1	EPC-2	04.01.2022	PWD Sub Division Lanja	PWD Officials	6	1	7
2		05.03.2022	Prakash Surve Shop Shiposhi	Local Villagers	8	0	8
3		08.04.2022	Gram Panchayat Office Shiposhi	Gram Panchayat Officials & Local Villagers	14	0	14
4		16.05.2022	Aba Saheb Marathe College Rajapur	Principal	2	0	2
5		23.05.2022	S.E. Office Ratnagiri	PWD Officials	2	1	3
6		24.05.2022	PWD Sub Division Lanja	PWD Officials	3	0	3
7		17.06.2022	E.E. PWD Office North Ratnagiri	PWD Officials	4	0	4
				Total	39	2	41
1	EPC-3	04.01.2022	PWD Sub Division Barshi	PWD Officials & PAP's	2	1	3
2		11.01.2022	PWD Sub Division Barshi	PWD Officials	3	0	3
3		12.01.2022	PWD Sub Division Barshi	PWD Officials & PAP's	4	0	4
4		28.01.2022	E.E. PWD Division-2 Solapur	PWD Officials	3	0	3
5		01.02.2022	Z.P. School Manegaon	Principal	7	0	7
6		01.02.2022	Karamba Village	Local Villagers	5	0	5
7		25.02.2022	Pangaon Village	PWD Officials & Local Villagers	17	0	17

Sl. No.	EPC Package	Date	Venue	Meeting with	Participants		
					Male	Female	Total
8		02.03.2022	PWD Sub Division Barshi	PWD Officials & PAP's	3	0	3
9		23.03.2022	PWD Sub Division Barshi	PWD Officials & PAP's	3	0	3
10		05.04.2022	E.E. PWD Division-2 Solapur	PWD Officials	7	0	7
11		12.04.2022	PWD Sub Division Barshi	PWD Officials & PAP's	4	0	4
12		09.05.2022	Vairag Village	PWD Officials & Local Villagers	65	0	65
13		10.05.2022	Pangaon Village	Local Villagers	6	0	6
14		12.05.2022	Pangaon Village	PWD Officials & Local Villagers	19	0	19
15		18.05.2022	Pangaon Village	PWD Officials & Local Villagers	22	0	22
16		17.06.2022	Pangaon Village	Local Villagers	8	0	8
17		23.06.2022	E.E. PWD Division-2 Solapur	PWD Officials	4	0	4
				Total	182	1	183
1	EPC-4	18.02.2022	N.P.Infra Office Karmala	Contractor Project Director	2	0	2
2		10.06.2022	Pande Village	Local Villagers	7	0	7
3		10.06.2022	Phisare Village	Local Villagers	4	0	4
4		10.06.2022	Karamla Village	Local Villagers	6	0	6
				Total	19	0	19
1	EPC-9	28.01.2022	E.E. PWD Division-2 Solapur	PWD Officials	3	0	3
2		05.04.2022	E.E. PWD Division-2 Solapur	PWD Officials	6	0	6
3		23.06.2022	E.E. PWD Division-2 Solapur	PWD Officials	4	0	4
				Total	13	0	13
				Grand Total (EPC-1, 2, 3, 4 & 9)	313	11	324



Status of Meeting conducting (from January to June 2022) of EPC-1



Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
1	Date- 5 th January 2022 Ori - Dhamanse Village	Total Participant - 42 Male Participant - 41 Female Participant - 1 1) Dr.B.N.Patil (District Collector Ratnagiri) 2) Veena Pujari (Executive Engineer PWD Ratnagiri) 3) Mr Janak Dhotrekar (DE. Sub Division Ratnagiri) 4) Arvind Kumar (Resident Engineer, LEA ASSOCIATE Ratnagiri) 5) Nandkishor Lilhare (Surveyor LEA ASSOCIATE Ratnagiri) 6) Gyanendra Kumar Verma (R & R Expert LEA Associates) 7) Omkar Velhal (Project Manager R.B Velhal Construction Pvt Ltd. 8) Dadasaheb Nulake(Project Assistant Social),LEA ASSOCIATE. 9) Villagers at sambarewadi Village	A consultation meeting at Ori-Dhamanse Village , Ratnagiri conducted and following Issues discussed: 1. ROW regarding Discuss. 2. Villagers Land issue.	
2	Date- 1 st February 2022 Nive Gram Panchayat	Total Participant - 5 Male Participant - 3 Female Participant - 2 1. Dadasaheb Nulake(Project Assistant Social),LEA ASSOCIATE. 2. Mrs. Kalyani Joshi, Sarapanch Gram Panchayat Nive. 3. Amol Govind Jadhav (Deputy Sarapanch Gramapanchayat Nive) 4. Janavi Ambekar (Gramasevak Gramapanchayat Nive) 5. Gaurav Tatkare(Structure Engineer R . B Velhal)	A consultation meeting at Gram Panchayat Nive , Ratnagiri conducted and following Issues discussed: ➤ Drain Height Issue ➤ Road site Home Service road.	




Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
3	Date- 4 th April 2022 Infigo Eye Care Hospital Ratnagiri.	Total Participant - 3 Male Participant - 3 Female Participant - 0 1. Nainesh Lakeshri (H.R Head Infigo Eye Care Hospital Ratnagiri) 2. Dadasaheb Nulake(Project Assistant Social),LEA ASSOCIATE. 3. Krishna Murty (Material Engineer, LEA Associate)	A consultation meeting at Infigo Eye Care Hospital , Ratnagiri conducted and following Issues discussed: 1. Eye Check Up Camp Related.	
4	Date- 11 th April 2022 P.W.Sub-Division Devrukh	Total Participant - 3 Male Participant - 2 Female Participant - 1 1. Miss Pooja Ingawale(Deputy Engineer P.W.Sub-Division Devrukh) 2. Gyanendra Varma(R & R Expert LEA Associate) 3. Dadasaheb Nulake (Project Assistant Social),LEA ASSOCIATE.	A consultation meeting at P.W.Sub-Division Devrukh , Ratnagiri conducted and following Issues discussed: ✓ GRC ✓ Payment Disbursement status. ✓ CPR Structure. ✓ Bus Shelter. ✓ CSR School Toilet.	
5	Date-12/04/2022 Executive Engineer Office , Public Works Department, North - Ratnagiri	Total Participant - 3 Male Participant - 2 Female Participant - 1 1. Miss Veena Pujari (Executive Engineer,P.W.D Ratnagiri) 2. Gyanendra Kumar Verma (R & R Expert LEA Associates) 3. Dadasaheb Nulake (Project Assistant Social),LEA ASSOCIATE	A consultation meeting at Executive Engineer Office , Public Works Department, North - Ratnagiri conducted and following Issues discussed: ✓ GRC ✓ Payment Disbursement status. ✓ CPR Structure. ✓ Bus Shelter. ✓ CSR School Toilet. ✓ Awareness Camp.	

Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
6	Date- 20 th April 2022 Lok Vidyalay Tulasani.	Total Participant - 4 Male Participant - 4 Female Participant - 0 <ol style="list-style-type: none"> 1. Dadasaheb Nulake (Project Assistant Social), LEA ASSOCIATE. 2. Suvanakar Patra (Survey Engineer Lea Associate) 3. Arun Pandey (Survey Engineer Lea Associate) 4. Satyawar Shinde (Clerk Lok Vidyalay Tulasani) 	A consultation meeting at P.W.Sub-Division Devrukh , Ratnagiri conducted and following Issues discussed: ✓ CSR School Toilet. ✓ Details Information of current Water and Toilet Situation.	
7	Date- 27 th April 2022 Nive Gram Panchayat	Total Participant - 5 Male Participant - 3 Female Participant - 2 <ol style="list-style-type: none"> 1. Arvind Kumar (Resident Engineer, LEA ASSOCIATE Ratnagiri) 2. Gyanendra Kumar Verma (R & R Expert LEA Associates) 3. Miss. Kalyani Joshi, Sarapanch Gram Panchayat Nive. 4. Mrs Janavi Ambekar (Gramasevak Gramapanchayat Nive) 5. Dadasaheb Nulake(Project Assistant Social), LEA ASSOCIATE. 	A consultation meeting at Gram Panchayat Nive , Ratnagiri conducted and following Issues discussed: ➤ Drain Height Issue ➤ Road side Home Service road.	
8	Date- 23 rd May 2022 Superintendent Engineer, Office P.W.D. Ratnagiri	Total Participant - 3 Male Participant - 2 Female Participant - 1 <ol style="list-style-type: none"> 1. Chaya Naik (Superintendent Engineer, P.W.D. Ratnagiri) 2. Sachin Sakate (Social Officer LEA Associates) 3. Dadasaheb Nulake(Project Assistant Social), LEA ASSOCIATE. 	A consultation meeting at Superintendent Engineer, Office P.W.D. Ratnagiri conducted and following Issues discussed: ➤ R & R Work Status Progress. ➤ Awareness Programme.	



Status of Meeting conducting (from January to June 2022) of EPC-2




Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
1	Date- 4 th January 2022 Deputy Engineer Office Sub-Division, Lanja	Total Participant - 7 Male Participant - 6 Female Participant - 1 1. Veena Pujari (Executive Engineer P.W.D North Ratnagiri) 2. Arvind Kumar (Resident Engineer LEA ASSOCIATE.) 3. Gyanendra Kumar Verma (R&R Expert Lea Associate) 4. Rajendra Kulkarni (Sectional Engineer P.W.D Sub Division Lanja) 5. Dadasaheb Nulake(Project Assistant Social),LEA ASSOCIATE. 6. Ankit Kumar (Q.S Lea Associate) 7. Chandrashekhar Sankpal (Bridge Engineer S.S. Alur Construction)	A consultation meeting at Deputy Engineer Office Sub-Division Lanja. conducted and following Issues discussed: <ul style="list-style-type: none"> ➤ ROW related Issue. ➤ PAP Payment Status. ➤ Awareness Programme. 	
2	Date- 5 th March 2022 Prakash Surve Shop Shiposhi	Total Participant - 8 Male Participant - 8 Female Participant - 0 1. Pramod Bharati (Deputy Engineer P.W.D Sub Division Lanja) 2. Rajendra Kulkarni (Sectional Engineer P.W.D Sub Division Lanja) 3. Dadasaheb Nulake(Project Assistant Social), LEA ASSOCIATE. 4. Amrendra Ranjan (AHE), LEA 5. Akhileshwar Shrma (Survey Engineer), LEA 6. Prakash Surve, PAP Shiposhi 7. Santosh Kolate, PAP Shiposhi 8. Asif Lanjekar, PAP Shiposhi	A consultation meeting at Prakash Surve Shop Shiposhi. conducted and following Issues discussed: <ul style="list-style-type: none"> ➤ ROW related Issue. 	




Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
3	Date- 8 th April 2022 Grampanchayt office Shiposhi	Total Participant - 14 Male Participant - 14 Female Participant - 0 1. Rajendra Kulkarni (Sectional Engineer P.W.D Sub Division Lanja) 2. Arvind Kumar (Resident Engineer LEA ASSOCIATE.) 3. Gyanendra Kumar Verma (Social Expert Lea Associate) 4. Dadasaheb Nulake(Project Assistant Social),LEA ASSOCIATE. 5. Amrendra Ranjan (AHE),LEA 6. Akhileshwar Shrma (Survey Engineer),LEA 7. Hareesh Jadhav- Sarapanch Grampanchayt Shiposhi 8. Aba Baing . PAP Shiposhi 9. Milind Deshapande (Project Manager EPC 2) 10. Villagers	A consultation meeting at Grampanchayt office Shiposhi. conducted and following Issues discussed: <ul style="list-style-type: none"> ➤ Junction Related. ➤ ROW related Issue. ➤ Road Side Shoulder. ➤ Awareness Camp. ➤ Temple Donation. 	
4	Date- 16 ^h May 2022 Principal Office Abasaheb Marathe Collage, Rajapur.	Total Participant - 2 Male Participant - 2 Female Participant - 0 1. Ghanashyam Harale- Principal Abasaheb Marathe Collage Rajapur 2. Dadasaheb Nulake, (Project Assistant Social), LEA ASSOCIATE.	A consultation meeting at Principal Office Abasaheb Marathe Collage Rajapur conducted and following Issues discussed: <ul style="list-style-type: none"> ➤ Awareness Programme. 	




Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
5	Date- 23 rd May 2022 Superintendent Engineer, Office P.W.D. Ratnagiri	Total Participant - 3 Male Participant - 2 Female Participant - 1 1. Chaya Naik (Superintendent Engineer, P.W.D. Ratnagiri) 2. Sachin Sakate (Social Officer, LEA Associates) 3. Dadasaheb Nulake (Project Assistant Social), LEA ASSOCIATE.	A consultation meeting at Superintendent Engineer, Office P.W.D. Ratnagiri conducted and following Issues discussed: ➤ R & R Work Progress Status. ➤ Awareness Programme.	
6	Date- 24 th May 2022 Deputy Engineer Office Sub-Division Lanja	Total Participant - 3 Male Participant - 3 Female Participant - 0 1. Pramod Bharati (Deputy Engineer P.W.D Sub Division Lanja) 2. Sachin Sakate (Social Officer LEA Associates) 3. Dadasaheb Nulake (Project Assistant Social), LEA ASSOCIATE.	A consultation meeting at Deputy Engineer Office Sub-Division Lanja conducted and following Issues discussed: ➤ R & R Work Status. ➤ Awareness Programme. ➤ PAP Disputes issue.	
7	Date- 17 th June 2022 Executive Engineer Office, North Division- Ratnagiri	Total Participant - 4 Male Participant - 4 Female Participant - 0 1. Pramod Bharati (Deputy Engineer P.W.D Sub Division Lanja) 2. Gyanendra Kumar Verma (R&R Expert, LEA Associates) 3. Dadasaheb Nulake (Project Assistant Social), LEA ASSOCIATE. 4. Krishna Kumar (Assistant Q. S.), LEA ASSOCIATE.	A consultation meeting at Deputy Engineer Office Sub-Division Lanja conducted and following Issues discussed: ➤ Status of R & R Work ➤ PAP Disputes issue at village Shiposhi. ➤ Payment Status	



Status of Meeting conducting (from January to June 2022) of EPC-3




Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
1	Date -04.01.2022 PWD Sub Division Barshi	Total Participant - 3 Male Participant - 2 Female Participant - 1 1. Shri Sachin Waskar (J.E. Barshi) 2. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 3. Affected PAP's	Cheque disbursement of EPC-03 with PWD Officials.	
2	Date -11.01.2022 PWD Sub Division Barshi	Total Participant - 3 Male Participant - 3 Female Participant - 0 1. Shri Saurav Honmute (D.E. Barshi) 2. Shri Sachin Waskar (J.E. Barshi) 3. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi)	Discussion about verification of Additional Microplan of EPC-03.	
3	Date -12.01.2022 PWD Sub Division Barshi	Total Participant - 4 Male Participant - 4 Female Participant - 0 1. Shri Sachin Waskar (J.E. Barshi) 2. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 3. Affected PAP's	Cheque disbursement of EPC-03 with PWD Officials.	

Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
4	Date -28.01.2022 E.E. PWD Division-2 Solapur	Total Participant - 3 Male Participant - 3 Female Participant - 0 1. Shri V.H. More (E.E Solapur) 2. Shri Gyanendra Kumar Verma (R&R Expert LASA) 3. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi)	Discussion about R&R issues in EPC-03.	
5	Date -01.02.2022 Z.P. Primary School Manegaon	Total Participant - 7 Male Participant - 7 Female Participant - 0 1. Shri Satyapal (Survey Engineer, LASA) 2. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 3. Shri Suresh Shriram Munde (Principal Z.P. School)& School Staff	Public Consultation with Z.P. School Staff regarding reconstruction of School boundary Wall.	
6	Date -01.02.2022 Karamba Village	Total Participant - 5 Male Participant - 5 Female Participant - 0 1. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 2. Shri Vinayak Sutar (Sarpanch Representative, Karamba) & Local Villagers	Public Consultation with Shri Vinayak Sutar (Sarpanch Representative, Karamba) & Local Villagers regarding Shifting of village Entrance gate.	



Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
7	Date -25.02.2022 Pangaon Village	Total Participant - 17 Male Participant - 17 Female Participant - 0 1. Shri Saurav Honmude (D.E. Barshi) 2. Shri Sachin Waskar (J.E. Barshi) 3. Shri Gyanendra Kumar Verma (R&R Expert LASA) 4. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi)	Joint verification of Additional Microplan of EPC-03 @ Pangaon Village with PWD Officials.	
8	Date -02.03.2022 PWD Sub Division Barshi	Total Participant - 3 Male Participant - 3 Female Participant - 0 1. Shri Sachin Waskar (J.E. Barshi) 2. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 3. Affected PAP's	Cheque disbursement of EPC-03 with PWD Officials.	
9	Date -23.03.2022 PWD Sub Division Barshi	Total Participant - 3 Male Participant - 3 Female Participant - 0 1. Shri Sachin Waskar (J.E. Barshi) 2. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 3. Affected PAP's	Cheque disbursement of EPC-03 with PWD Officials.	


Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
10	Date -05.04.2022 E.E, PWD Division-2 Office Solapur-2	Total Participant - 7 Male Participant - 7 Female Participant - 0 1. Shri V.h. More (E.E. Solapur-2) 2. Shri Saurav Honmute (D.E. Barshi) 3. Shri Ravindra Shivapu (Team Leader LASA) 4. Shri Ramchandrarao Swarna (Resident Engineer LASA) 5. Shri Gyanendra Kumar Verma (R&R Expert LASA) 6. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi)	Discussed R&R issues in EPC-3.	
11	Date -12.04.2022 PWD Sub Division Barshi	Total Participant - 4 Male Participant - 4 Female Participant - 0 1. Shri Sachin Waskar (J.E. Barshi) 2. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 3. Affected PAP's	Cheque disbursement of EPC-03 with PWD Officials.	
12	Date -09.05.2022 Vairag Village	Total Participant - 65 Male Participant - 65 Female Participant - 0 1. Shri V.h. More (E.E. Solapur-2) 2. Shri Saurav Honmute (D.E. Barshi) 3. Shri Niranjn Prakash Bhoomkar (Deputy Mayer Nagar panchayat Vairag) 4. Shri Ravindra Shivapu (Team Leader LASA) 5. Shri Ramchandrarao Swarna (Resident Engineer LASA)	Public Consultation with Shri Niranjn Prakash Bhoomkar (Deputy Mayer Nagar panchayat Vairag) & Local Villagers regarding ROW issue.	

Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
		6. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 7. Shri Shiva Kesireddy (Project Manager, Shri S.M. Autade Pvt. Ltd.) & Local Villagers		
13	Date -10.05.2022 Pangaon Village	Total Participant - 6 Male Participant - 6 Female Participant - 0 1. Shri Sachin Waskar (J.E. Barshi) 2. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 3. Shri Sachin Sakate (Social Officer LASA) 4. Affected PAP's	Public Consultation with local villagers regarding dismantling of structures.	
14	Date -12.05.2022 Pangaon Village	Total Participant - 19 Male Participant - 19 Female Participant - 0 1. Shri Sachin Waskar (J.E. Barshi) 2. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 3. Shri Sachin Sakate (Social Officer LASA) 4. Affected PAP's	Public Consultation with local villagers regarding dismantling of structures.	



Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
15	Date -18.05.2022 Pangaon Village	Total Participant - 22 Male Participant - 22 Female Participant - 0 1. Shri Sachin Waskar (J.E. Barshi) 2. Shri Sachin Sakate (Social Officer LASA) 3. Affected PAP's	Public Consultation with local villagers regarding dismantling of structures.	
16	Date -17.06.2022 Pangaon Village	Total Participant - 8 Male Participant - 8 Female Participant - 0 1. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 2. Shri Sachin Sakate (Social Officer LASA) 3. Affected PAP's	Public Consultation with local villagers regarding dismantling of structures.	
17	Date -23.06.2022 E.E, PWD Division-2 Solapur	Total Participant - 4 Male Participant - 4 Female Participant - 0 1. Shri V.H. More (E.E Solapur) 2. Shri Gyanendra Kumar Verma (R&R Expert LASA) 3. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 4. Shri Sachin Sakate (Social Officer LASA)	Discussion about R&R issues in EPC-03 and additional microplan .	


Status of Meeting conducting (from January to June 2022) of EPC-4

Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
1	Date- 18.02.2022 N.P. Infra Office Karmala	Total Participant - 2 Male Participant - 2 Female Participant - 0 1. Shri S.S. Bansode (Project Director N.P. Infra) 2. Shri Chandramani Kumar (Deputy Manager Social),LASA	Discussion with N.P. infra project Director regarding shifting of CPR's.	
2	Date- 10.06.2022 Pande Village	Total Participant - 7 Male Participant - 7 Female Participant - 0 1. Shri Chandramani Kumar (Deputy Manager Social),LASA 2. Shri Sachin Sakate (Social Officer LASA) 3. Local Villagers	Discussion with Local Villgars regarding shifting of Tulja Bhawani Temple CPR's.	
3	Date- 10.06.2022 Phisare Village	Total Participant - 4 Male Participant - 4 Female Participant - 0 1. Shri Chandramani Kumar (Deputy Manager Social),LASA 2. Shri Sachin Sakate (Social Officer LASA) 3. Local Villagers	Discussion with Local Villgars regarding shifting of Shivai Temple CPR's.	


Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
4	Date- 10.06.2022 Karmala Village	Total Participant - 6 Male Participant - 6 Female Participant - 0 1. Shri Chandramani Kumar (Deputy Manager Social),LASA 2. Shri Sachin Sakate (Social Officer LASA) 3. Local Villagers	Discussion with Local Villgars regarding shifting of Shri Yedeshwari devi Temple Temple CPR's.	

Status of Meeting conducting (from January to June 2022) of EPC-9

Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
1	Date -28.01.2022 E.E., PWD Division-2 Solapur	Total Participant - 3 Male Participant - 3 Female Participant - 0 1. Shri V.H. More (E.E Solapur) 2. Shri Gyanendra Kumar Verma (R&R Expert LASA) 3. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi)	Discussion about R&R issues in EPC-09.	
2	Date -05.04.2022 E.E., PWD Division-2 Solapur	Total Participant - 6 Male Participant - 6 Female Participant - 0 1. Shri V.h. More (E.E. Solapur-2) 2. Shri Saurav Honmute (D.E. Barshi) 3. Shri Ravindra Shivapu (Team Leader LASA) 4. Shri Ramchandrarao Swarna (Resident Engineer LASA) 5. Shri Gyanendra Kumar Verma (R&R Expert LASA) 6. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi)	Discussed R&R issues in EPC-9.	

Sl. No.	Venue and date of meeting conduct	Name of participant attend	Issues discussed	Photograph
3	Date -23.06.2022 E.E., PWD Division-2 Solapur	Total Participant - 4 Male Participant - 4 Female Participant - 0 1. Shri V.H. More (E.E Solapur) 2. Shri Gyanendra Kumar Verma (R&R Expert LASA) 3. Shri Chandramani Kumar (Deputy Manager Social, LASA, Barshi) 4. Shri Sachin Sakate (Social Officer LASA)	Discussion about R&R issues in EPC-09.	


Annexure 7 - PMS Site Visit Report EPC 6

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/008; Rev-0
	Site Visit Report	Date: 19/05/2022

Date and Day of Visit	19/05/2022, Thursday	No. of days	01
Location:	Riddhapur Tiwsa Kurha Anjansingi Dhamangaon Rly Devgaon Babhulgaon Road and Dhamangaon Bypass Road Km 0/00 to km 5/400 (SH-300 and SH-300A) (EPC-6)		

Site Visit Objectives	To get the compliance status of Environmental safeguards.
Site Visit Agenda:	To perform the field visit along the road stretch, camp/plant sites, Borrow area, disposal sites, etc. To get the status of Environmental Safeguard Compliances of EPC-6

Location and Description of site:
EPC-6: Riddhapur- Tiwsa- Kurha- Anjansingi- Dhamangaon Rly - Devgaon- Babhulgaon Road and Dhamangaon Bypass Road Km 0/00 to km 5/400 (SH-300 and SH-300A)
A. Activities/Field Observations/Discussions during inspection/Visit,
Sanjeev Sharma, Environmental Expert (PMS) has visited the Riddhapur Tiwsa Kurha Anjansingi Dhamangaon Rly Devgaon Babhulgaon Road and Dhamangaon Bypass Road Km 0/00 to km 5/400 (SH-300 and SH-300A) (EPC-6) site on 19 th May, 2022, the project is under completion and following are the observations during the site visit which need to be complied in line with the EMP requirements:
1. The scarified bituminous materials are still lying at some locations along the project roads which need to be removed from the ROW. The specific points of concerns are disposal near cross drainage structure at Chainage 55+300. The photographs showing the bituminous materials with chainages along the project roads are depicted in the following Figure-1 .


	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/008; Rev-0
	Site Visit Report	Date: 19/05/2022


	
Bituminous Material at Chainage 55+300 in EPC package-6	Bituminous Material at Chainage 94+000 in EPC package-6


2. The cross-drainage structures have not been cleaned and waste material lies along the water ways which can obstruct the water flow in the stream during rainy season and need to be removed immediately. The details of locations (Chainage 97+690) and (Chainage 94+000) are depicted in **Figure-2**.

	
Chainage 97+690	Chainage 94+000

3. Removal of tree roots lying along the ROW, the roots of trees are lying all along the road ROW which need to be removed. Some of the photographs showing the tree roots along with project roads are depicted in **Figure-3**.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/008; Rev-0
	Site Visit Report	Date: 19/05/2022


	
Tree roots lying at Chainage 95+000	Tree roots lying at Chainage 96+000
<p>4. Environmental Monitoring, Environmental Monitoring has been done during May / June, 2022 for air, water, soil and noise parameters after completion of the project and all the parameters are found within the prescribed limit.</p> <p>5. A site restoration plan to ensure cleanup operation, restoration and rehabilitation of all construction zones including cross drainage structure, culverts / road side area, camp, hot mix plant site, crusher, batch mix plant site and any other area used by the project proponent shall be submitted with photographic evidence and certified by the Authority Engineer.</p>	
B. Points Discussed/Issues Identified/any major or minor Non-Compliances during the entire visit	Actions to be taken
i. Forest Clearances have been pending since long. The updated status will be provided.	PMS has appointed one person to support in getting forest clearance in co-ordination with AEs.
ii. Environmental monitoring has to be conducted during May / June 2022, i.e. before monsoon.	The monitoring shall be conducted through NABL accredited laboratory.
iii. All the Bituminous materials lying along the ROW shall be disposed at designated location or reused in connecting village roads / properly compacted if disposed as per local public requirement.	These shall be removed before monsoon and properly roller compacted at designated place/ reuse site. The photographic evidence shall be submitted.
iv. 45 nos. of RWH need to be constructed and no single RWH is initiated till date. All the Rain Water Harvesting structures shall be completed before monsoon.	Contractor make sure that RWH shall be completed before monsoon as per the approved drawing by Authority Engineer (AE).

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/008; Rev-0
	Site Visit Report	Date: 19/05/2022

v.	Plantation of trees need to be initiated during end of the June 2022 / on arrival of monsoon.	The plantation of trees need to be done as per the EMP. Tree plantation must be in the ratio of 1:3 of trees felled as mentioned in the EMP
vi.	The girls' toilets shall be constructed as per the agreement.	These shall be provided at designated site.
vii.	Road marking and road furniture shall be done in line with the EMP / Contract Provisions	Road marking has not been initiated till date. The road marking and road furniture shall be completed in line with contract agreement.
viii.	All the cross-drainage structures shall be cleaned for water flow during monsoon.	Shall be done before monsoon.
ix.	All the exhausted borrow areas shall be rehabilitated in line with agreement conditions.	The rehabilitation plan of borrow areas as per the agreement conditions certified by AE shall be submitted with photographic evidence.
x.	A site restoration plan to ensure cleanup operation, restoration and rehabilitation of all construction zones including cross drainage structure, culverts / road side area, camp, hot mix plant site, crusher, batch mix plant site and any other area used by the project proponent shall be submitted with photographic evidence and certified by the Authority Engineer.	Rehabilitation plan certified by AE shall be submitted.
xi.	The renewal copies of Labour License, CAR policy, WCI and Land agreement for camp shall be submitted.	Copy need to be submitted to AE.
xii.	The details of grievance received after January 2022 shall be submitted with action taken.	Shall be provided in consultation with MPWD and AE if applicable.

Prepared by Sanjeev Sharma	Approved by Shibu Joseph
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Annexure 8 - PMS Site Visit Report Ratnagiri

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

Date and Day of Visit	31/05/2022 to 2/06/2022	No. of days	3
Location:	Ratnagiri (EPC 1 & EPC 2)		

Site Visit Objectives:

The PMS team has carried out the site visit to understand the General Construction Methodology, Progress of construction, Quality of construction, EMP activities during construction, EMOs, Conducting Construction stage Road Safety Audit, presenting the Road Maintenance Program to the PWD officials and record feedback.


Site Visit Agenda:

1. Visit the Superintending Engineer and the Executive Engineer, Ratnagiri
2. Visit the project road stretches and offices of the EPC contractor & AE.
3. Visit Plants, Field Laboratories of EPC-1 and EPC-2.
4. Conduct construction stage Road Safety Audit.
5. Study the EMP activities during construction.
6. Study the EMOs activities during construction
7. Study the GAP & Social activities during construction

Day 1- Date and Day: 30/05/2022. Tuesday.



Location and Description of Site:

1. Improvement of NH-66 to Kante Tulsani Devrukh Road, SH 174, From Km.0/00 to Km.23+500, Contract Package No EPC-1
2. Improvement to Chafe Ganpatipule Road, MDR 55, From Km.0/00 to Km.10/350, Contract Package No EPC 1

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

A.	<i>Participants</i>
	<ol style="list-style-type: none"> 1. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS) 2. Shri. Muthukumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 3. Shri. Surendra Pattar, Asset Management Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 4. Shri. Vijay Jeughale, Road Safety Specialist, Dorsch Consult India Pvt. Ltd. (PMS) 5. Shri. Pallav Bhine, Road Safety Engineer, Dorsch Consult India Pvt. Ltd. (PMS) 6. Shri. Akhshay, Road Safety Engineer, Dorsch Consult India Pvt. Ltd. (PMS) 7. Shri. Pusapati Venkata Durgarao, Senior Quality cum Material Expert, LASA (AE) 8. Shri. Pankaj Singh, Assistant Highway Engineer, LASA (AE) 9. Shri. Arun Kumar Pandey, Survey Engineer, LASA (AE) 10. Shri. Suvankar Patra, Surveyor, LASA (AE) 11. Shri. Krishna Murthy H, Lab Technician, LASA (AE) 12. Shri. Venkata Narendra, Material Engineer, EPC Contractor 13. Shri. Gourav Tatkare, Bridge Engineer, EPC Contractor 14. Shri. Amit Ambi, Procurement Engineer, EPC Contractor 15. Shri. Akshay Kumtaker, Safety Engineer, EPC Contractor

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

B.	Activities/General Observations and discussions during inspection/Visit
	<p>Site visit to EPC 1 a stretch - NH-66 to Kante Tulsani Devrukh Road</p>  <p>Start chainage at 0/00 Km</p> <p>Civil works</p> <ul style="list-style-type: none"> • The progress of the sub-project is 98%. • The junction improvement works are in progress.  <p>Major Junction at Km 0+000</p> <ul style="list-style-type: none"> • Rain water harvesting works are not yet started.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

- Erection of road safety furniture works are in progress. It is noticed that the road safety furniture's are not provided as per the Manual IRC: SP:73-2015
- Road Marking work is in progress. It is noticed that some of the road markings are not as per the Manual IRC: SP:73-2015. It is noticed that type of center line permitting over taking is provided in the No Overtaking zones.



Completed stretch of Road Marking

- Pre-Monsoon inspection of CD works and drainage is yet to start. Contractor said this activity will be completed before 15th June 2022.
- GRM is formed and no pending complaints.
- Permission of the State Government for drawing water from river/reservoir may be renewed.
- Insurances (Physical loss or damage to the equipment and works on the Site, Professional Liability Insurance, Workers' Compensation) are valid up to 28th July 2022.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

- The road marking for bus bay may be corrected as per Standards



Bus Bay Marking to be corrected as per Standards

- Protection works like Pitching, construction of toe walls, construction of breast walls etc are not done in cross drainage works. This may result in erosion of the downstream of cross drainage structures and may lead to failure of the roads.



Protection work of Culvert is not done

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

- Proper pitching and protection work for Minor bridge at Km 4+400 is not provided and this resulted in the scouring of ground supporting the Retaining wall foundation. Requested to take proper remedial action immediately, so that further damages to the highway will not happen in the coming Monsoon.



Earth washed away from the bottom of the foundation

- The drainage vent and blockage on downstream to be cleared before monsoon



Insufficient Protection work & Blockage at Downstream of Culvert

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

- Excavated material stocked along the road side. This needs to be cleared before the monsoon.



Excavated material stocked along the road side

- Construction of side drain is to be completed



Side drain is not provided

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

- Embankment slopes are to be properly constructed



Slope Protection work observation

- Metal beam crash barriers are to be fixed at the end of Earthen/ Hard Shoulder (ie 2.5 m away from the edge of BC). It is noticed that the Metal beam crash barriers are fixed close to the carriage way, and resulted in narrowing the Hard Shoulder.



MBCB is not fixed at the end of shoulder

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

- Some of the culverts were constructed without giving much attention to the curvature of the center line of carriageway and resulted in reduction of the width of Hard Shoulder (2.5m).



Headwall of culvert constructed within Hard Shoulder.

Environmental Safeguards

- The approval of EMP and subsequent revision is done.
- 1st Quarter of EMoP is completed on 30th March 2022, waiting for the report.
- Design of Noise barrier work is completed. The implementation yet to start.
- Permission of fruit bearing tree cutting details yet to receive.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022



Soil contaminated by Bituminous material at plant location.



Performed the Work with safety procedures

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

Activities of Gender Action Plan

- Awareness and Health Program is completed.
- EWCD features (Hand rails, Seating arrangements, Zebra crossing, help line numbers) are in progress at bus shelter locations.
- Construction of Toilets at girls' schools, Benches at foot path at bus bay locations are not started.
- Solar light at bus shelter is not considered in the contract and the provision of solar light proposal is prepared and send for approval.
- The compensation of APs has completed as per micro plans.



Bus shelters completed (Solar lights not fixed as there is no provision in the CA)



Approaches from the carriageway for Shops

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022



Existing Bus shelter is repaired as per GRM



End chainage at 23/500 Km

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

Site visit to EPC 1 b stretch - Chafe Ganpatipule Road (MDR 55).



Civil works

- The progress of the sub-project is 82%. The junction improvement, Rain water harvesting, road safety furniture works are in progress.
- Road Marking work is not yet started and planned to start after monsoon.
- It is learned that some of the local public is objecting to land acquisitions.



	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

- Due to the problems elaborated in the previous point, the public is not permitting the construction of the Minor Bridge at Km.4+420 along with its return walls. The hand rail of the existing narrow bridge is already collapsed.



- The bus shelter works is yet to start.
- Pre-Monsoon inspection of all structure, CD works and drainage is yet to start. Contractor said this activity will be completed before 15th June 2022.
- GRM is formed and no pending complaints.

Renewal is required for Permission of the State Government for drawing water from river/reservoir.

Environmental Safeguards

- The approval of EMP and subsequent revision is done.
- Diversion plan is not submitted by the contractor
- 1st & 2nd Quarter of EMoP is completed.
- Design of Noise barrier work is completed. The implementation yet to start.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022



Activities of Gender Action Plan

- Awareness and Health Program is completed.
- Construction of Toilets at girls' schools, Benches at foot path at bus bay locations are not started.
- EWCD features (Hand rails, Seating arrangements, Zebra crossing, help line numbers) are in progress at bus shelter locations.
- Solar light at bus shelter is not considered in the contract and the provision of solar light proposal is prepared and send for approval.
- The compensation of APs has completed as per micro plans.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022



C.	Points Discussed/Issues Identified	Actions to be taken by
1	Junction improvement works & Rainwater work discussed.	EPC
2	Approval of Diversion Plan	EPC
4	Pre-Monsoon inspection	EPC
5	Renewal of Permission of the State Government for drawing water from river/reservoir.	EPC
6	Discussed about the EMoP for 2nd Quarter	EPC
7	Gender Action Plan activities were discussed in the consolidated GESI report to be prepared and submitted.	AEs
8	Toilet Construction at Schools	EPC&AE
9	Drinking water facilities at Schools	EPC&AE
10	Site Restoration Plan need to be submitted as work is going to be completed soon.	EPC&AE

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

Day 2 - Date and Day: 31/05/2022. Wednesday


Location and Description of Site:


1. Improvement to Dabhole Shiposhi Korle Vatul Road joining to NH- 17 (SH 175) (From 0/00 to 28/100) EPC Contract Package No EPC2
2. Improvement to Hatiwale Jaitapur Road (SH 170) (From 0/00 to 23/700) EPC Contract Package No EPC 2

A. Participants

1. Shri. Shibu Joseph, Team Leader, Dorsch Consult India Pvt. Ltd. (PMS)
2. Shri. Muthukumaran, Procurement Specialist, Dorsch Consult India Pvt. Ltd. (PMS)
3. Shri. Surendra Pattar, Asset Management Specialist, Dorsch Consult India Pvt. Ltd. (PMS)
4. Shri. Vijay Jeughale, Road Safety Specialist, Dorsch Consult India Pvt. Ltd. (PMS)
5. Shri. Pallav Bhine, Road Safety Engineer, Dorsch Consult India Pvt. Ltd. (PMS)
6. Shri. Akshay, Road Safety Engineer, Dorsch Consult India Pvt. Ltd. (PMS)
7. Shri. Arvind Kumar, Resident highway Engineer, LASA(AE)
8. Shri. Pusapati Venkata Durgarao, Senior Quality cum Material Expert, LASA(AE)
9. Shri. Vishal Jaiwal, Assistant Bridge Engineer, LASA(AE)
10. Shri. Amerender Rajan, Assistant Highway Engineer, LASA(AE)
11. Shri. Gourav Kumar, Assistant Quality Material Engineer, LASA(AE)
12. Shri. Akhilesh Sharma, Survey Engineer, LASA(AE)
13. Shri. Avinash Patil, Surveyor, LASA(AE)
14. Shri. Abdul Gaffoor, Lab Technician, LASA(AE)
15. Shri. Shivanand Nayak, General Manager, EPC
16. Shri. Manjunath Marshi, Site Manager, EPC
17. Shri. Rohit Chavan, QS Billing, EPC

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

	<p>18. Shri. Pundalik Bhosale, Sr.Highway Engineer, EPC</p> <p>19. Shri. Mahesh Kamble, Sr.Highway Engineer, EPC</p> <p>20. Shri. Prathamesh Doijad, Jr.Highway Engineer, EPC</p> <p>21. Shri. Akshay Patil, Environmental Expert, EPC</p>
B.	<i>Activities/General Observations and discussions during inspection/Visit</i>
	<p>Site visit to EPC 02a stretch - Dabhole Shiposhi Korle Vatul Road joining to NH-17 (SH 175) (From 0/00 to 28/360).</p>  <p>Start chainage at 0/00 Km</p> <ul style="list-style-type: none"> • The progress of the sub-project is 32.5%. DBM about 11 km is completed. PQC works, 2 Minor bridge works and 44 Culvert works are yet to start. • Approval of Design is at an advanced stage and the design review is completed for pavement, 85 culverts. Contractor representatives conveyed that this activity will be completed before 30th June 2022. • Pre-Monsoon inspection of all structure, CD works and drainage is yet to start. Contractor said this activity will be completed before 15th June 2022.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

- GRM is formed and no pending complaints.
- As per Schedule F of contract, Permission from the Pollution Control Board for installation of crushers is not available at site.
- Renewal is required for Permission of the State Government for drawing water from river/reservoir.
- Insurances (Physical loss or damage to the equipment and works on the Site, Professional Liability Insurance, Workers' Compensation) are valid up to 28th July 2022.
- The drainage vent and downstream blockage to be cleared before monsoon
- **Construction of Culvert at Km 7+450.** It is learned that the local public is protesting against the construction of the proposed culvert at Km 7+450. The following points may be considered regarding construction of a cross drainage structure at Km. 7+450.
 1. Intensity of rain fall in Ratnagiri district is very high and as per Climate Risk and Vulnerability Assessment of MSRIIP, the rainfall was 637 mm within 24 hours on 31st May 2006,
 2. Existing structures are considered acceptable, unless there are known flooding issues, which require a more detailed design.
 3. In case of Cross drainage at Km 7+450, there is known flooding issue. Representatives of the AE reported that in the previous monsoon seasons, the existing cross drainage could not discharge the flood water across the road and resulted in overflowing of the road way approximately for 1.0 m height.
 4. Submergence and overtopping of road not only cause damage to the road and road structures, it results in disruption of traffic, loss of travel time and miseries to many of the poor people who take shelter on roads during floods.
 5. As per clause number 7.1.iii of IRC:SP:73-2015, "all bridges shall be high level bridges"
 6. Use of multiple culvert openings in the mountainous stretches is discouraged because of decreased efficiency due to the increased chance of chalking of the vent way.
 7. In the mountainous stretches where the streamlets carry large size cobbles and boulders, there is a fair possibility of pipes getting damaged/choked. Pipe culverts are, therefore, avoided in such stretches and either slab type or box type cross drainage structures are preferred.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

8. As per Schedule 'A' of Contract Agreement the existing culvert at Km 7+450 is 5 x 900 mm pipe culvert. Whereas the existing culvert at Km 7+450 is 5 x 1200 mm pipe culvert.
9. As per Schedule 'B' of Contract Agreement the proposed culvert at Km 7+450 is 1 x 4.0 m Slab culvert.
10. The minimum dip of FRL of the road is 6.0 m at this location (Km 7+450) when compared with the FRL of road before and after the culvert.
11. Considering the last monsoon flood situation, water has flown 1 meter above the existing culvert.
12. During the floods the surrounding area of the existing culvert is almost submerged. It is also learnt that the connectivity of the area is totally cut off.
13. Hence the public demands a Minor Bridge at this location so that the discharge of the stream will not overflow over the new road being constructed

Under such circumstance it is strongly advised and recommended to construct high level minor bridge instead of slab / box culvert at this location. Since the culvert is located in the lowest point of the valley curve, it is also recommended that FRL of the road before and after the Minor Bridge shall not be lower than that of FRL at the Minor Bridge location. The vent way of the Minor Bridge is to be reassessed / recalculated to suit the flood discharge.




Location of proposed pipe culvert at KM 7+450

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022



Location of proposed pipe culvert at KM 7+450

- **Construction of Culvert at Km 11+600.** It is learned that the local public is protesting against the construction of the proposed culvert at Km 11+600. The following points may be considered regarding construction of a cross drainage structure at Km. 11+600.
 - 1 Intensity of rain fall in Ratnagiri district is very high and as per Climate Risk and Vulnerability Assessment of MSRIP, the rainfall was 637 mm within 24 hours on 31st May 2006,
 - 2 Existing structures are considered acceptable, unless there are known flooding issues, which require a more detailed design.
 - 3 In case of Cross drainage at Km 11+600, there is known flooding issue. Representatives of the AE reported that in the previous monsoon seasons, the existing cross drainage could not discharge the flood water across the road and resulted in overflowing of the road way approximately for 1.0 m height.
 - 4 Submergence and overtopping of road not only cause damage to the road and road structures, it results in disruption of traffic, loss of travel time and miseries to many of the poor people who take shelter on roads during floods.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

	<p>5 As per clause number 7.1.iii of IRC:SP:73-2015, "all bridges shall be high level bridges"</p> <p>6 Use of multiple culvert openings in the mountainous stretches is discouraged because of decreased efficiency due to the increased chance of chalking of the vent way.</p> <p>7 In the mountainous stretches where the streamlets carry large size cobbles and boulders, there is a fair possibility of pipes getting damaged/choked. Pipe culverts are, therefore, avoided in such stretches and either slab type or box type cross drainage structures are preferred.</p> <p>8 As per Schedule 'A' of Contract Agreement the existing culvert at Km 11+600 is 5 x 900 mm pipe culvert. Whereas the existing culvert at Km 11+600 is 5 x 1200 mm pipe culvert.</p> <p>9 As per Schedule 'B' of Contract Agreement the proposed culvert at Km 11+600 is 3 x 1200 mm Pipe culvert.</p> <p>10 It may be noticed that the proposed vent way as per Schedule 'B' is much lower than the existing vent way.</p> <p>11 Considering the last monsoon flood situation, water has flown 1 meter above the existing culvert.</p> <p>12 During the floods the surrounding area of the existing culvert is almost submerged. It is also learnt that the connectivity of the area is totally cut off.</p> <p>13 It is noted that a village road is constructed approximately 100m upstream side of the project road and the vent way of the culvert provided in the village road is of 5.8 m width</p> <p>14 Hence the public demands a Minor Bridge at this location so that the discharge of the stream will not overflow over the new road being constructed</p> <p>Under such circumstance it is strongly advised and recommended to construct high level minor bridge instead of 3 x 1200 mm pipe culvert at Km 11+600. Since the culvert is located in the lowest point of the valley curve, it is also recommended that FRL of the road before and after the Minor Bridge shall not be lower than that of FRL at the Minor Bridge location. The vent way of the Minor Bridge is to be reassessed / recalculated to suit the flood discharge.</p>
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	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022



Existing culvert at Km 11+600



Culvert constructed on the village road on the upstream of Existing culvert at Km 11+600

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022



Construction of Minor Bridge at Km. 9+200



Environmental Safeguards

- The approval of EMP and subsequent revision is done.
- Diversion plan is not submitted by the contractor.
- 1st Quarter of EMoP is completed on 30th March 2022, waiting for the report.
- Rain water harvesting is not started
- Design of Noise barrier work is completed. The implementation is yet to start
- 1st Quarter EMoP is completed and 2nd Quarter EMoP testing shall be completed before monsoon.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

Activities of Gender Action Plan

- The Health camp Program is completed.
- Awareness program will be completed after the monsoon.
- Construction of Toilets at girls' schools, Benches at foot paths at bus bay locations are not started.
- EWCD features (Handrails, Seating arrangements, Zebra crossing, Helpline numbers) are in progress at bus shelter locations.
- Solar light at the bus shelter is not considered in the contract and the provision of the solar light proposal is prepared and sent for approval.
- The compensation of APs has been completed as per micro plans.

Site visit to EPC 02b stretch - Hatiwale Jaitapur Road (SH 170) (From 0/00 to 23/700)



Civil works

- The progress of the sub-project is 67%. The junction improvement, Rain water harvesting, road safety furniture works are in progress.
- 1 culvert work is pending.

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

	<ul style="list-style-type: none">● Laying of BC is not started and Road Marking work is planned to start after monsoon on completion of laying of BC.● The bus shelter work is yet to be started.● Pre-Monsoon audit of all structure, CD works and drainage is yet to start. Contractor said this activity will be completed before 15th June 2022.● GRM is formed and no pending complaints.● As per Schedule F of contract, the License for use of Explosive to be complied.● Renewal is required for Permission of the State Government for drawing water from river/reservoir.	
	<u>Environmental Safeguards</u> <ul style="list-style-type: none">● The approval of EMP and subsequent revision is done.● Diversion plan is not submitted by the contractor● 1st Quarter of EMoP is completed on 30th March 2022, awaiting for the report.● Design of Noise barrier work is completed. The implementation is yet to start.	
	<u>Activities of Gender Action Plan</u> <ul style="list-style-type: none">● Awareness and Health Program is completed.● Construction of Toilets at girls schools, Benches at foot paths at bus bay locations are not started.● EWCD features (Handrails, Seating arrangements, Zebra crossing, Helpline numbers) are in progress at bus shelter locations.● Solar light at the bus shelter is not considered in the contract and the provision of the solar light proposal is prepared and sent for approval.● Allowing the vendors to sell vegetables at foot paths as per GRM.● The compensation of APs has been completed as per micro plans.	
C.	<i>Points Discussed/Issues Identified</i>	<i>Actions to be taken by</i>

	Maharashtra State Road Improvement Project-I	Doc No. DCI/RH/HM/3-1094/RP/SV/011 (R 0)
	Site Visit Report	Date: 17/06/2022

1	Junction improvement works & Provision of Rainwater harvesting system was discussed.	EPC
2	Approval of Diversion Plan	EPC
4	Pre-Monsoon Inspection	EPC
5	Renewal of Permission of the State Government for drawing water from river/reservoir.	EPC
6	Discussed about the EMoP for 2nd Quarter	EPC
7	Gender Action Plan activities was discussed one awareness and Health Program to be organized	EPC&AE
8	Toilet Construction at Schools	EPC&AE
9	Drinking water facilities at Schools	EPC&AE



Meeting with the Executive Engineer, North Ratnagiri

Prepared by	Approved by
S.Muthu Kumaran	Shibu Joseph

Annexure 9 – Glimpses of Informal Consultation – EPC 5

Photographs showing informal consultation events

Name of Project:- Improvement of road Shrirampur Vaijapur Risod Washim Pusad Mahagaon
Fulsawangi Mandvi Road SH-51 Km (Section Washim to Pusad Shivaji Chowk) Km 242/200 to 298/249

EPC Package:- 5

	
Informal consultation with road user (Mumtaj Khan)@ km 243+000	Informal consultation with road user Ashish Pardeshi)@ km245+0450
	
Informal consultation with road user (Vasanta Kajale)@ km 250+150	Informal consultation with road user (Yusuf Shah)@ km 250+150
	
Informal consultation with road user (Nilesh Chavan)@ km 254+250	Informal consultation with road user (SubhashChavre)@ km 267+000



Informal consultation with road user (Dayaram Rathod (Marwadi Khurd , Sarpanch)@ km 268+150



Informal consultation with road user (Dinkar Kamble (Ghat Portion)@ km 286+000



Informal consultation with road user (Vikas Chavhan)@ km 290+550



Informal consultation with road user (Sakharam Ingle)@ km 295+300

Annexure 10 - Glimpses of Informal Consultation – EPC 6

Photographs showing informal consultation events

Project Name: Improvement to Riddhipur Tiswa Anjansingi Dhamangaon Devao Yavatmal Road in District Amravati & Yavatmal EPC -6, SH 300

EPC Package: - 6



Informal consultation with road user (Avinash Dahekar)@ km 51+500



Informal consultation with road user (Anil Waghmule)@ km 50+650



Informal consultation with road user (Ashok Ingole)@ km 51+500



Informal consultation with road user (Dashrath Pisal)@ km 60+510



Informal consultation with road user (Sandip Mahore)@ km 53+850



Informal consultation with road user (Ashok Ingole)@ km 54+000



Informal consultation with road user (Chhaya Mankar)@
km 99+200



Informal consultation with road user (Purav Rajpurohit)@
km 68+600

Annexure 12 – Glimpses of Informal Consultation – EPC 7

Photographs showing informal consultation events

Project Name: Improvement to Walgaon -Dariyapur- Akot (SH-47) Road (Daryapur to Akot) Dist. Amravati km 156/000 to Km 180/000 and (2) Improvement to Dariyapur - Amla to Runmochan Asara road in district Amravati. EPC -7 -SH 47 & MDR 21 and SH 301

EPC Package:- 7

	
<p>Informal consultation with road user (Ravindra Nikole)@ km 156+000</p>	<p>Informal consultation with road user (Vijay Mandase)@ km 157+500</p>
	
<p>Informal consultation with road user (Ishwardas Chavan)@ km165+700</p>	<p>Informal consultation with road user (Shrikant Hutke)@ km 165+700</p>
	
<p>Informal consultation with road user (Samiksha Tikare)@ km 174+300</p>	<p>Informal consultation with road user (Nitin Kular)@ km 174+300</p>

	
<p>Informal consultation with road user (Sandip Ardale)@ km 4+600 (Road B)</p>	<p>Informal consultation with road user (Gaurav Khade)@ km 7+800 (Road B)</p>
	
<p>Informal consultation with road user (Ayub Baig)@ km 13+900 (Road B)</p>	

Annexure 12 – Glimpses of Informal Consultation – EPC 8

Photographs showing informal consultation events

Project Name: Improvement to Amravati – Chandur Railway Station to Talegaon Road from (km 32/00 to km 49/155) and (2) Improvement to Riddhipur to Teosa Road, (Km 00+000 to 40+800) in district Amravati

EPC Package:- 8

	
<p>Informal consultation with road user (Mukesh Kakme)@ km 1+600</p>	<p>Informal consultation with road user (Vaibhav Harne)@ km 1+600</p>
	
<p>Informal consultation with road user (Arvind Bhadke)@ km 23+400</p>	<p>Informal consultation with road user (Om Pandey)@ km 9+600</p>
	
<p>Informal consultation with road user (Sanjay Wagmare)@ km 13+200</p>	<p>Informal consultation with road user (Sheikh Haroon)@ km 12+800</p>

	
<p>Informal consultation with road user (Rajesh Uche(Talegaon Sarpanch))@ km 5+200</p>	<p>Informal consultation with road user (Rameshwar Meshram)@ km 43+800 (Road B)</p>
	
<p>Informal consultation with road user (Rameshwar Meshram)@ km 47+400 (Road B)</p>	