

## SBF Project Implementation Monitoring Report

### India: Madhya Pradesh Rural Connectivity Project

#### 1. Project Information

Project ID:	000020	Investment Number:	L0020A
Member:	India	Region:	Southern asia
Sector:	Transport	Sub-sector:	Roads (non-urban)
AIB Financing Type:	Loan: 140 USD million	Co-financier(s):	WB-led
E&S category:	B	Borrower:	Republic of India
Red Flags Assigned:	0	Monitoring Regime:	Regular Monitoring
Implementing Agency:	Madhya Pradesh Rural Road Development Authority (MPRRDA)		
Project Team Leader:	Mehran Avini		
Project Team Members:	Somnath Basu, Principal Social Development Specialist Bernadette Ndeda, Procurement Specialist Shonell Robinson, Financial Management Specialist		
Completed Site Visits by AIB:			
Planned Site Visits by AIB:			

#### 2. Project Summary and Objectives

The objectives of the project are to improve durability and accessibility and enhance resilience to climate change of the gravel surfaced rural roads in Madhya Pradesh while building the capacity of the state to manage its rural road network and road safety. These objectives will be achieved by upgrading the gravel surfaced roads to a sealed surface standard; providing additional linkages to villages with potential for growth; enhancing the rural road asset management system; developing a road accident data management system and road safety program; and supporting design, implementation and management. The objectives are aligned with the Bank's priorities of enhancing economic growth and sustainability through infrastructure investment.

The Project is estimated cost of USD502 million is co-financed by AIB and IBRD (WB). The financing plan comprises (i) sovereign-backed loan of USD140 million from AIB, (ii) sovereign-backed loan of USD210 million from the WB, and (iii) USD152 million from the Government of Madhya Pradesh (GoMP). Upcoming disbursements are expected to be:

- i. Date and amount - USD 0.76 Million (55.73 Million INR). Disbursement 2020-Oct-16.
- ii. Date and amount - USD 0.59 Million. Expected disbursement 2020-Nov-20.

#### 3. Key Dates

Approval:	Apr. 11, 2018	Signing:	Jun. 24, 2018
Effective:	Jul. 17, 2018	Restructured (if any):	
Orig. Closing:	Mar. 15, 2023	Rev. Closing (if any):	

#### 4. Disbursement Summary (USD million)

a) Committed:	140	b) Cancellation (if any):	
c) Disbursed:	80.539	d) Most recent disbursement: (amount / date)	1.103, Sep. 25, 2020
e) Undisbursed:	59.461	f) Disbursement Ratio(%) <sup>1</sup> :	57.5

<sup>1</sup> Disbursement Ratio is defined as the volume (i.e. the dollar amount) of total disbursed amount as a percentage of the net committed volume, i.e.,  $f = c / (a - b)$

#### 5. Project Implementation Update

The project is progressing with majority of contracts in Component A awarded and 57.52% of the loan disbursed in the first 27 months of project implementation. The PMU is expected to focus on maintaining the momentum and proceeding with procurement for the balance works to fulfill the original target of 10,000 kms of road network for surfacing, and 510 kms for alternate connectivity. Efforts will also focus on the procurement of the Institutional Development and Road Safety consultancies to ensure these activities are completed within the project period. No major risks have been identified.

Components	Physical Progress	Environmental & Social Compliance	Procurement
Component A: Component A.1: Road Upgrading, Construction and Maintenance (USD123.00 m)  Component A.2: Provision of Alternate Connectivity (USD12.00 m)	7831.2 km road upgradation completed  1 km road completed	In compliance  In compliance	93% completed  82.9% completed
Component B: Institutional Development (USD0.90 m)	B1. Rural Road Asset Management System - Consultant on board.  B2. Strengthening Design and Research and Quality Assurance Capacity of MPRRDA – Proposals from shortlisted consultants were received 2020-Oct-01.	N/A	B1. - Consultant for the gap analysis of RAMS is on board and given the travel restrictions is working remotely with PIU & e-Marg.  B2. – Procurement process is ongoing and expected to be completed in October 2020.
Component C: Road Safety Management Capacity Development (USD2.90 m)	C1. Road Accident Data Management System –MoRTH has launched the software and training of police personnel is in progress.  C2. Pilot Comprehensive Road Safety Program- ToR and scope of works are being finalized	N/A	C1.- MPRRDA will be exploring options (hiring of consultant) for customizing and integrating the national IRAD to the requirements of GoMP.  C2.- MPRRDA has finalized the scope of services for development and implementation of the pilot community participatory road safety program and procurement process will be initiated within this month.
Component D: Design, Implementation and Management Support (USD0.85 m)	PMC working with PIU on all aspects of the project	N/A	PMC has been mobilized since June 2017

#### Financial Management:

The audit report for the period ending March 31, 2019 was deemed acceptable by the World Bank. It was however noted that expenditures were not categorized by financing sources (IBRD and AIIB), enabling AIIB to properly reconcile the presented financial statements to its records. Based on IBRD's implementation support mission conducted Feb. 2020, and Interim Virtual Mission in Sept. 2020, deficiencies were noted in the internal controls specific to the payments process. Recommendations have been made to address the matters noted. Hiring additional FM staff remains outstanding.

#### 6. Status of the Grievance Redress Mechanism (GRM)

A GRM has been set up to receive complaints from the local population/beneficiary community. The communities have been informed about the existence and functions of the GRM. No major GRM activities have occurred since the previous PIMR.

#### 7. Results Monitoring

\*Actual data for 2020: up to Oct-20-2020

Note: The work program for component A was revised based on the COVID-19 effect and revised detailed work program submitted by the contractor. Target for Component A.1 & A.2 is revised as 3000 km & 50 km respectively.

Baseline Year: Oct. 23, 2017 End Target Year: Oct. 23, 2023

Project Objective Indicators	Year	Target	Actual	Others, if any
Annual maintenance cost per km	Mar. 15, 2017	-	1000	
Annual maintenance cost per km	Oct. 23, 2018	0	0	
Annual maintenance cost per km	Oct. 23, 2019	0	0	
Annual maintenance cost per km	Oct. 20, 2020	750	0	

Annual maintenance cost per km	Oct. 23, 2021	750	N/A	
Annual maintenance cost per km	Oct. 23, 2022	750	N/A	
Roughness index (m/km)	Oct. 23, 2017	-	7	
Roughness index (m/km)	Oct. 23, 2018	0	0	
Roughness index (m/km)	Oct. 23, 2019	3.5	3.2-3.7	
Roughness index (m/km)	Oct. 20, 2020	3.5	3.2-3.7	
Roughness index (m/km)	Oct. 23, 2021	3.5	N/A	
Roughness index (m/km)	Oct. 23, 2022	3.5	N/A	
Rural road asset management system developed and in use	Oct. 23, 2017	-	0	
Rural road asset management system developed and in use	Oct. 23, 2018	0	0	
Rural road asset management system developed and in use	Oct. 23, 2019	0	0	
Rural road asset management system developed and in use	Oct. 20, 2020	0	0	
Rural road asset management system developed and in use	Oct. 23, 2021	0	N/A	
Rural road asset management system developed and in use	Oct. 23, 2022	1	N/A	
Share of the state highway network (about 11,000 km SH and 20,000 km MDR) covered under RADMS	Oct. 23, 2017	-	0	
Share of the state highway network (about 11,000 km SH and 20,000 km MDR) covered under RADMS	Oct. 23, 2018	0	0	
Share of the state highway network (about 11,000 km SH and 20,000 km MDR) covered under RADMS	Oct. 23, 2019	10	0	
Share of the state highway network (about 11,000 km SH and 20,000 km MDR) covered under RADMS	Oct. 20, 2020	50	0	
Share of the state highway network (about 11,000 km SH and 20,000 km MDR) covered under RADMS	Oct. 23, 2021	80	N/A	
Share of the state highway network (about 11,000 km SH and 20,000 km MDR) covered under RADMS	Oct. 23, 2022	100	N/A	

Intermediate Result Indicators	Year	Target	Actual	Others, if any
Roads upgraded to bituminous surface	Oct. 23, 2017	-	0	
Roads upgraded to bituminous surface	Oct. 23, 2018	2000	2584	
Roads upgraded to bituminous surface	Oct. 23, 2019	3500	3516	
Roads upgraded to bituminous surface	Oct. 20, 2020	4000	1731	
Roads upgraded to bituminous surface	Oct. 23, 2021	500	N/A	
Roads upgraded to bituminous surface	Oct. 23, 2022	0	N/A	
New road construction (multiple connectivity)	Oct. 23, 2017	-	0	
New road construction (multiple connectivity)	Oct. 23, 2018	0	0	
New road construction (multiple connectivity)	Oct. 23, 2019	0	0	

New road construction (multiple connectivity)	Oct. 20, 2020	150	1.0	
New road construction (multiple connectivity)	Oct. 23, 2021	250	N/A	
New road construction (multiple connectivity)	Oct. 23, 2022	110	N/A	
Length of roads on which alternative surfacing technology piloted	Oct. 23, 2017	-	0	
Length of roads on which alternative surfacing technology piloted	Oct. 23, 2018	0	691	
Length of roads on which alternative surfacing technology piloted	Oct. 23, 2019	500	785	
Length of roads on which alternative surfacing technology piloted	Oct. 20, 2020	1000	296	
Length of roads on which alternative surfacing technology piloted	Oct. 23, 2021	600	N/A	
Length of roads on which alternative surfacing technology piloted	Oct. 23, 2022	0	N/A	
Rural population connected by all-weather paved roads (M)	Oct. 23, 2017	-	35	
Rural population connected by all-weather paved roads (M)	Oct. 23, 2018	0.15	0.16	
Rural population connected by all-weather paved roads (M)	Oct. 23, 2019	0.6	0.72	
Rural population connected by all-weather paved roads (M)	Oct. 20, 2020	0.6	0.35	
Rural population connected by all-weather paved roads (M)	Oct. 23, 2021	0.15	N/A	
Rural population connected by all-weather paved roads (M)	Oct. 23, 2022	0	N/A	
Percentage of high school girls shifting from walking to biking to schools	Oct. 23, 2017	-	10	
Percentage of high school girls shifting from walking to biking to schools	Oct. 23, 2022	80	N/A	
Number of Women's SHGs engaged in post construction maintenance contracts	Oct. 23, 2017	0	0	
Number of Women's SHGs engaged in post construction maintenance contracts	Oct. 23, 2018	0	0	
Number of Women's SHGs engaged in post construction maintenance contracts	Oct. 23, 2019	2	0	
Number of Women's SHGs engaged in post construction maintenance contracts	Oct. 20, 2020	5	0	
Number of Women's SHGs engaged in post construction maintenance contracts	Oct. 23, 2021	5	N/A	
Number of Women's SHGs engaged in post construction maintenance contracts	Oct. 23, 2022	5	N/A	
Number of women participating in road maintenance within SHGs	Oct. 23, 2017	-	0	
Number of women participating in road maintenance within SHGs	Oct. 23, 2018	0	0	
Number of women participating in road maintenance within SHGs	Oct. 23, 2019	20	0	
Number of women participating in road	Oct. 20, 2020	50	0	

maintenance within SHGs				
Number of women participating in road maintenance within SHGs	Oct. 23, 2021	50	N/A	
Number of women participating in road maintenance within SHGs	Oct. 23, 2022	50	N/A	
Rural roads asset management system (RRAMS) developed	Oct. 23, 2017	-	0	
Rural roads asset management system (RRAMS) developed	Oct. 23, 2022	1	N/A	
Design and research unit established in MPRRDA	Oct. 23, 2017	-	0	
Design and research unit established in MPRRDA	Mar. 15, 2020	1	1	
Number of Gram Panchayats reporting on road traffic crashed	Oct. 23, 2017	-	0	
Number of Gram Panchayats reporting on road traffic crashed	Oct. 20, 2020	100	0	
Number of Gram Panchayats reporting on road traffic crashed	Oct. 23, 2021	400	N/A	
Number of crash locations/ Blackspots/ junctions/ pedestrian facilities improved	Oct. 23, 2017	-	0	
Number of crash locations/ Blackspots/ junctions/ pedestrian facilities improved	Oct. 20, 2020	25	0	
Number of crash locations/ Blackspots/ junctions/ pedestrian facilities improved	Oct. 23, 2020	25	0	
Number of MPRRDA's staff trained	Oct. 23, 2017	-	0	
Number of MPRRDA's staff trained	Oct. 23, 2018	110	150	
Number of MPRRDA's staff trained	Oct. 23, 2019	125	160	
Number of MPRRDA's staff trained	Oct. 20, 2020	40	20	
Number of MPRRDA's staff trained	Oct. 23, 2021	15	N/A	
Number of MPRRDA's staff trained	Oct. 23, 2022	10	N/A	
Training on WB procurement policies, contract management and quality assurance	Oct. 23, 2017	-	0	
Training on WB procurement policies, contract management and quality assurance	Oct. 23, 2018	50	30	
Training on WB procurement policies, contract management and quality assurance	Oct. 23, 2019	25	30	
Training on WB procurement policies, contract management and quality assurance	Oct. 20, 2020	25	0	
Staff trained on environmental and social safeguards	Oct. 23, 2017	-	0	
Staff trained on environmental and social safeguards	Oct. 23, 2018	50	60	
Staff trained on environmental and social safeguards	Oct. 23, 2019	50	30	
Staff in the new design unit trained on alternative design and construction technologies	Oct. 23, 2017	-	0	
Staff in the new design unit trained on alternative design and construction technologies	Oct. 23, 2018	10	20	
Staff in the new design unit trained on alternative design and construction	Oct. 23, 2019	15	17	

technologies				
Staff trained on design software	Oct. 23, 2017	-	0	
Staff trained on design software	Oct. 23, 2019	25	0	
Citizen satisfaction index	Oct. 23, 2017	-	1.5	
Citizen satisfaction index	Oct. 20, 2020	3.5	0	
Citizen satisfaction index	Oct. 23, 2022	3.5	N/A	
Females satisfaction index	Oct. 23, 2017	-	1.5	
Females satisfaction index	Oct. 23, 2022	3.5	N/A	
Males satisfaction index	Oct. 23, 2017	-	1.5	
Males satisfaction index	Oct. 23, 2022	3.5	N/A	

**Remarks:**