



# Environmental Monitoring Report

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Project Number: 48226-004  
Annual Report: April 2020 – March 2021  
October 2021

## India: Second Rural Connectivity Investment Program - Tranche 2

Prepared by National Rural Infrastructure Development Agency (NRIDA) for the Asian Development Bank

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**Asian Development Bank**



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Dated: 06<sup>th</sup> Oct, 2021

To,  
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Recd. 6.10.21  
SFG Log: 4830

**Subject: - Second Rural Connectivity Investment Program -Environmental Monitoring Report (EMR) for the Loan-3703 for 2020-2021- Submission Report Regarding.**

Sir,

With reference to the subject cited above, please find enclosed herewith the Environmental Monitoring Report of loan no. 3703-IND for the year 2020-21 for favour of information & necessary action.

Enclosure: As above.

Yours faithfully,

**Dr. I. K. Pateriya**

**ENVIRONMENTAL MONITORING REPORT**

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**ANNUAL REPORT**

**FROM APRIL 2020 TO MARCH 2021**

**LOAN 3703-IND**

**Second Rural Connectivity Investment Program- Tranche 2**

(For the State of Madhya Pradesh)

**Prepared by National Rural Infrastructure Development Agency (NRIDA)**

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**CURRENCY EQUIVALENTS**


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**(As of April 2020)**

**Currency unit – Indian Rupees**  
**(INR/Rs.) INR1.00 = \$**  
0.0132  
**\$1.00 = INR75.32**

**(As of March 2021)**

**Currency unit – Indian Rupees**  
**(INR/Rs.) INR1.00 = \$**  
0.0137  
**\$1.00 = INR73.20**

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**ABBREVIATIONS**


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ADB	:	Asian Development Bank
CD	:	Cross Drainage
EARF	:	Environment Assessment Review Framework
ECOP	:	Environmental Codes of Practice
EMP	:	Environmental Management Plan
FFA	:	Framework Financing Agreement
GOI	:	Government of India
GRC	:	Grievances Redressal Committee
IA	:	Implementing Agency
IEE	:	Initial Environmental Examination
MFF	:	Multi-tranche Financing Facility
MORD	:	Ministry of Rural Development
NGO	:	Non-Government Organization
RCIP	:	Rural Connectivity Investment Program
NRIDA	:	National Rural Infrastructure Development Agency
NREGP	:	National Rural Employment Guarantee Program
PIU	:	Project Implementation Unit
PIC	:	Project Implementation Consultants
PFR	:	Periodic Finance Request
PMGSY	:	Pradhan Mantri Gram Sadak Yojana
ROW	:	Right-of-Way
RRP	:	Report and Recommendation of the President
SRCIP	:	Second Rural Connectivity Investment Program
SRRDA	:	State Rural Road Development Agency
TSC	:	Technical Support Consultants

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## I. INTRODUCTION

### A. CONTEXT AND PURPOSE OF THE REPORT

1. Government of India has undertaken a program of providing all-weather road connectivity under the Pradhan Mantri Gram Sadak Yojana (PMGSY). The flagship program endeavors to provide connectivity to unconnected habitations by construction of rural roads. The program also provides for associated cross drainage structures, protection work and up gradation of roads. In the recent past, rural road connectivity is not only being envisaged as a poverty alleviation program that provides access to production centers and employment opportunities but also as a key ingredient for providing sustainable rural infrastructure.
2. ADB is helping India to connect remote villages to crucial services and markets through improved rural roads. ADB is financing PMGSY in the State of Assam, Chhattisgarh, Madhya Pradesh, Odisha and West Bengal (RCIP and during 2012 through the Rural Connectivity Investment Program (RCIP) and Second Rural Connectivity Investment Program (RCIP-II). State Rural Road Development Authorities (SRRDAs) has been entrusted with the responsibility of implementing PMGSY in state. At the Centre, National Rural Infrastructure Development Agency (NRIDA) under the aegis of Ministry of Rural Development (MoRD) are responsible for providing operational and management support to PMGSY.
3. Pradhan Mantri Gram Sadak Yojana (PMGSY) aims to provide all-weather road connectivity to currently unserved habitations in India's rural areas, where 70% of the population live. The Government of India (GOI) launched "The Pradhan Mantri Gram Sadak Yojana (PMGSY) in year 2000. The objective of PMGSY is to provide all-weather road connectivity to all rural habitations with a population of more than 500 persons in plains and 250 persons in hill states. This program is being implemented through National Rural Infrastructure Development Agency (NRIDA) under ministry of rural development (MORD) at central level and through state rural road development authority/agencies (SRRDA) at state level.
4. The Technical Support Consultant (TSC<sup>1</sup>) have been engaged at the center by the National Rural Infrastructure Development Agency (NRIDA) to assist the government and the states of Assam, Chhattisgarh, Madhya Pradesh, Odisha and West Bengal, in the preparation and monitoring of the Asian Development Bank's (ADB's) assistance in the rural road development under the Pradhan Mantri Gram Sadak Yojana (PMGSY) and PMGSY-II through the Rural Connectivity Investment Program (RCIP) and the Second RCIP. The consulting services are required for the following subjects: roads safety, road maintenance, compliance monitoring, impact assessment, and innovation.
5. The overall project implementation has been need to be in compliance with the covenants set forth in the loan and project agreements, and the framework financing agreement between the government of India and ADB for each tranche under RCIP and Second RCIP. The facility administration manual (FAM) prepared and updated in each tranche will regulate the implementation of the loans/projects under facility, including for monitoring and reporting. The consultant engaged for this service should ensure their understanding on such requirements.

<sup>1</sup> Technical Support Consultant: MSV International Inc. in association with JS Envirionics Consultants Pvt. Ltd.



6. Environmental monitoring is the periodic collection of data used by the Asian Development Bank (ADB) and the National Rural Infrastructure Development Agency (NRIDA) in determining compliance of the project against approved environmental management and monitoring plans, loan covenant, and statutory requirements. Site inspection, a key step in environmental monitoring, also allows the identification of unanticipated impacts from the implementation of a project. Regular data collection is performed mainly by the Contractor through the status reporting on the environmental management plan (EMP) implementation as part of the civil works contract. The State Rural Road Development Agency (SRRDA) appointed Project Implementation Consultant (PIC) conducts periodic supervision of the contractor's implementation.
7. Environmental monitoring and its annual disclosure are requirements of the ADB for environmental category B projects like the Second Rural Connectivity Investment Program (SRCIP) Tranche - II. Environmental monitoring and the preparation of this annual environmental monitoring report is the responsibility of the NRIDA.
8. This report was prepared by the National Rural Infrastructure Development Agency (NRIDA) that summarizes the overall environmental compliance performance of the Program in Madhya Pradesh state based on secondary data collection and primary data collection like sample individual road monitoring at different stages of road development (pre-, during-, and post-construction).

## **B. SECOND RURAL CONNECTIVITY INVESTMENT PROGRAM (TRANCHE II)**

9. The ADB Project "Rural Connectivity Investment Program" (RCIP) supports the PMGSY. The Second Rural Connectivity Investment Program (SRCIP) is continuation of Rural Connectivity Investment Program (RCIP) and is a Multi-tranche Financing Facility (MFF) that is being implemented in the states of Madhya Pradesh to improve connectivity, cut transport costs, and provide enabling infrastructure to areas currently with poor access to markets and urban towns, and thus contribute to growth and equity in the country's largest sector.
10. SRCIP - Tranche II (Loan 3703-IND) covers about 2853.98 km. (Length Cleared by GoI) in Madhya Pradesh State only. PIC has monitored the 115 Roads in 19 districts with 1590.67km out of 203 roads. A List of Districts wise number of roads is attached as **Annexure I**. The amount funded for the Madhya Pradesh under ADB SRCIP Tranche II is approximately \$97 million. Loan no. 3703-IND of SRCIP Tranche - II was approved by the ADB on 12<sup>th</sup> September 2018 and the loan was effective on 2<sup>nd</sup> April 2019. Closing date of the loan is planned to 30<sup>th</sup> May 2023. This annual environmental monitoring report covers all activities under SRCIP Tranche II as from April 2020 to March 2021. Table 1 below shows the brief details of Loan 3703-IND.

**Table: 1 –Brief Details of Loan 3703-IND (SRCIP Tranche – II)**

<b>A. Loan Details</b>		
A-1	Loan Approval Date	12.09.2018
A-2	Loan Signing Date	05.10.2018
A-3	Effective Date	02.04.2019
A-4	Original Closing Date	30.05.2023
<b>B. Financial details</b>		
B-1	ADB funding (MUSD)	38.6642
B-2	Gol funding (MUSD)	58.3358
B-3	Total (MUSD)	<b>97.0000</b>
<b>C. Status of Contract Award</b>		
C-1	No. of States	01
C-2	No. of Districts	34
C-3	No. of Packages	168
C-4	No. of Road	203
C-5	Length Cleared by Gol (km)	2853.98

**Source: PIC, Madhya Pradesh 2020**

### **C. SRCIP-ENVIRONMENTAL ASSESSMENT AND REVIEWFRAMEWORK**

11. SRCIP follows a two-track environmental assessment. The first track involves completion of detailed transect walks and ECOP checklists for each and every road by the PIC. The second track involves review of representative sample roads of at least 10% of the roads by the Technical Support Consultants (TSC) for eachstate.
12. The ECOP Checklist is a product of a transect walk conducted by the PIU and PIC which requires walking the entire length of a proposed rural road. During transect walk, key environmental baseline features are recorded like avenue trees, flood prone areas, waterways and bodies, community areas, roadside utilities, and proximity to forestland and other ecologically sensitive areas. Transect walk also sensitizes the PIC and PIU on the concerns of the communities through roadside consultations and enable the crafting of responsive detailed project reports (DPRs) which forms the technical specification of the bidding document. The transect walk allowed timely and simple yet accurate screening of roads and avoid those that risk breaching the environment category B classification as required in the environmental assessment and review framework (EARF). The findings and recommendations from the transect walk is documented in the Environment Code of Practice (ECOP) checklist. The ECOP Checklists a scoping of key environmental features and anticipated environmental impacts from the upgrading or construction of rural roads. ECOP Checklist enabled field-level staff (not

necessarily environmental experts) to conduct rapid environmental assessment of the proposed rural road.

13. Once completed, the ECOP Checklist reveals focal issues to be highlighted in the road specific environmental management plan. The PIC and PIU identifies which among the measures are relevant to a particular road, e.g. the presence of flood-prone along the alignment will trigger a host measures starting at the pre-construction stage that may require particular provisions in the DPR like cross- and side drains, bridges, embankment height, type of pavement, and embankment stabilization at identified Chainage/s.
14. Based on the findings and recommendations from field review and ECOP checklists for the 10% sample roads state-level Rapid Environmental Assessment (REA) checklists for ADB environmental categorization and state level IEE's, the report was prepared by the TSC. The IEE covered key findings and recommendations on environmental categorization, environmental baseline, statutory compliance, mitigation measures, climate change vulnerability, grievance and redress, consultations, institutional arrangement, and capacity building. The state-level IEE reports were prepared consistent with the ADB SPS 2009. These IEE Reports contain the general EMPs.
15. The IEE reports for Madhya Pradesh are disclosed on the ADB, NRIDA, and state RRDA respective websites. ECOP Checklist and road specific environmental management plans are compiled in the jurisdictional PIU and SRRDA headquarters.

#### **D. OVERVIEW OF INSTITUTIONAL FRAMEWORK FOR ENVIRONMENTAL MANAGEMENT**

16. The institutional framework designed and implemented in RCIP ensures the necessary safeguards roles and responsibilities are carried out at appropriate administrative levels. The succeeding table 2 provides a summary.

**Table 2: Environmental Management Institutional Framework**

<b>Level</b>	<b>Acting Agency</b>	<b>Key Responsibilities</b>
National	National Rural Infrastructure Development Agency (NRIDA)	i. They ensured that SRRDAs have adequate number of Environmental Officers; ii. They provide necessary hand holding support to SRRDAs meet all environmental assessment requirements; iii. Undertook random monitoring checks of the implementation of the EMP.
State	SRRDA	i. Ensured that DPRs include the completed ECOP checklists; and DPRs for non-road subprojects will include environmental management plans; ii. Ensured that the ECOP checklists and IEE reports are reviewed by the environmental officer of the concerned SRRDA; iii. Ensured all required statutory environmental clearances are obtained and conditions

		<p>implemented.</p> <p>iv. Ensured that the road specific EMPs and respective budget are included in the bidding documents.</p> <p>v. Ensured that the ECOP checklists and EMP (including general and site-specific issues) are made available to the contractors.</p> <p>vi. Undertook routine monitoring of the implementation of the EMP and prepared monitoring reports at least once a year;</p>
Road	PIU	<p>i. They prepared Monitoring plan and completed the ECOP checklists for roads, bridges, RRNMU and RCTRC Subsequently prepared general and road specific EMPs (including monitoring plan) Prepared EMPs for each non-road subproject</p> <p>ii. Obtain necessary statutory environmental clearance prior to commencement of civil works by working in coordination with the Contractor.</p> <p>iii. Conducted monitoring of all subprojects and prepared pre-, during and post-construction monitoring checklists.</p>
	Contractor	<p>i. They implemented the EMP as provided in the civil works contract.</p> <p>ii. Regular Monitoring Reports were sent to Local PIC and PIU office regarding the Progress of works/implementation of EMP by the contractor.</p> <p>iii. The Contractors took the necessary permissions which include Forest Clearance (if required)/ No Objection Certificate for Hot Mix Plant/ Permission from Central Ground Water Authority for extracting ground water for construction purposes, from areas declared as critical or semi critical from ground water potential prospective before starting the Construction.</p>

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## II. QUALITY CONTROL AND ASSURANCE OF ECOP CHECKLIST AND ENVIRONMENTAL MANAGEMENT PLANS

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17. A review of the accuracy and comprehensiveness of the ECOP Checklist and Environmental Management Plan were conducted as part of environmental monitoring. This assessment establishes whether the safeguard documents incorporated in the civil works contract, particularly the non-sample roads are responsive to the ground realities and complies with the general EMP. This reassures the ADB and NRIDA that the required environmental safeguards procedures and documentation spelled-out in the EARF are strictly followed by the PIU given challenges posed by the large number of similar, short, and geographically dispersed road projects. More importantly, this assessment ensures that the EMP included in the civil works contract is correct in avoiding and mitigating anticipated impacts.
  18. The QA/QC procedure involves desk review of selected ECOP Checklist and EMP to check for congruence. Any departures between the two documents were clarified and discussed with the PIC and PIU. A sample copy of ECOP is given in **Annexure II**.
  19. The ECOP Checklist complete with chainage references, name of villages, forestland chainage, and name of rivers/creeks, number of trees, relative location, and need of cross-drains, side-drains, field channels, consultation attendance sheet and photographs were prepared for all sub projects and the Road Specific EMP was consistent with the ECOP Checklist and DPR.
  20. The next step in the QA/QC assessment goes beyond documentation and involves “ground truthing” ECOP Checklist information which is validated through on-site inspections. Following findings and observations are made during TSC visit to the project states:
    1. The Environmental checklists were found to be accurate against ground realities. Inventoried utilities, trees, and land use by chainage are accurate.
    2. Water crossings such as nallahs, field crossings, culverts and all flood prone areas that need drainage facilities like balancing culverts were adequately identified. Stretches of erosion prone areas that need slope protection were identified.
    3. It was also confirmed that the project roads do not encroach or located near protected areas or known habitat of protected species thus avoiding the category A trigger.
    4. Areas for borrow earth and source for construction materials were identified and included in the DPRs indicating lead distance from project roads.
    5. These environmental features and needed mitigation measures were reflected in the DPR and road-specific EMPs.
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### III. COMPLIANCE ON ENVIRONMENT SAFEGUARDS REQUIREMENTS

#### A. COMPLIANCE ENVIRONMENTAL PROVISIONS OF THE LOAN COVENANT

21. Madhya Pradesh are complying with the requirements of the loan covenants as detailed in the succeeding table. Table 3 below shows the substantial compliance of Loan Covenant as of March 2021.

**Table 3: Status of Compliance to Loan Covenant<sup>2</sup> as of March 2021 SRCIP Tranche 2 (Loan3703-IND)**

Loan Covenant Item	Description	Status of Compliance
<ul style="list-style-type: none"> <li>Schedule –4</li> <li>Para 5</li> </ul> <p>Conditions for Award of Contract</p>	<p>The Borrower through MORD shall ensure, or cause the relevant EA to ensure, that no Works contract for a subproject which involves environmental impacts is awarded until the relevant EA has:</p> <ul style="list-style-type: none"> <li>a. obtained the final approval of               <ul style="list-style-type: none"> <li>1. the IEE from ADB; and</li> <li>2. environmental clearance including approval of the environmental assessment report, from the relevant Environmental Impact Assessment Authority; and</li> </ul> </li> <li>b. incorporated the relevant provisions from the EMP into the Workcontract</li> </ul>	<p><b>Being Complied</b></p> <ul style="list-style-type: none"> <li>1. MPRRDA through the central agency NRIDA have obtained the approval of (i) the IEE from ADB. High degree of compliance to the domestic environmental laws and regulations were observed across the RCIP states. Rural roads are exempted from obtaining environmental clearance from MoEFCC or State Pollution Control Board.</li> <li>2. All bid documents contain the standard and road specific EMPs prepared by the PIC. No unanticipated impacts have been encountered to date.</li> </ul>
<ul style="list-style-type: none"> <li>Schedule –5</li> <li>Para 7</li> </ul> <p>Environment</p>	<p>The Borrower shall ensure, or cause the respective EA to ensure, that the preparation, design, construction, implementation, operation and decommissioning of the Project, each Subproject and all Project facilities comply with</p> <ul style="list-style-type: none"> <li>1. all applicable laws and regulations of the Borrower and state relating to environment, health, and safety;</li> </ul>	<p><b>Being Complied</b></p> <p>All DPRs which defines the technical requirement of the civil works contract have ECOP and EMPs. ECOP and EMP, in general, preparation complied with the EARF. 100% ECOP/EMP Checklist is</p>

	<p>2. the Environmental Safeguards;</p> <p>3. the EARF; and</p> <p>4. All measures and requirements set forth in the IEE and EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.</p>	<p>prepared for all roads. A sample copy of ECOP is given in <b>Annexure II</b>.</p> <p>All measures and requirements set forth in the respective IEE and EMP, has been incorporate in annual EMR (April 2020-March 2021).</p> <p>The requisite working permissions (forest clearances) from the forest department have been obtained for 14 sub-projects. A List of sub projects which is passing through forest, which the working permission obtained) is provided in <b>Annexure III</b> and a sample copy of working permissions obtained for the sub-projects are given in <b>Annexure IV</b>.</p>
<ul style="list-style-type: none"> <li>Schedule –5</li> <li>Para 12</li> </ul> <p>Human and Financial Resources to implement safeguards Requirements</p>	<p>The Borrower shall ensure, or cause the EAs to ensure, that all necessary budgetary and human resources to fully implement the EMP and the CPF as required are made available.</p>	<p><b>Being Complied</b></p> <p>a. At the national level the TSC performed environmental Safeguards through the Environmental Experts</p> <p>b. At the state-level, all SRRDA focus Safeguard persons have been appointed.</p> <p>c. State Environmental Officers are appointed.</p>

<ul style="list-style-type: none"> <li>Schedule –5</li> <li>Para13</li> </ul> <p>LaborStandards, Health andSafety</p>	<p>The Borrower shall ensure, or cause the EAs to ensure, that Works contracts under the Project follow all applicable labor laws of the Borrower and the States and that these further include provisions to the effect that contractors</p> <ol style="list-style-type: none"> <li>1. carry out HIV/AIDS awareness programs for labor and disseminate information at worksites on risks of sexually transmitted diseases and HIV/AIDS (Photo plate-2) as part of health and safety measures for those employed during construction;and</li> <li>2. Follow and implement all statutory provisions on labor (including not employing or using children as labor, 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 bythe contractors.</li> </ol>	<p><b>Being Complied</b></p> <ol style="list-style-type: none"> <li>1. The HIV AIDS awareness programs have been organized along the sub- projects in Madhya Pradesh under the Project.</li> <li>2. The labour license and workmen insurance have been obtained by different civil works contractors under the Projects. Few sample copies of valid labour license and workmen insurance are provided in <b>AnnexureV</b>.</li> </ol>
<ul style="list-style-type: none"> <li>Schedule –5</li> <li>Para 16</li> </ul> <p>Safeguards– Related Provisions in Bidding Documents and Works Contracts</p>	<p>The Borrower shall ensure, or cause the EAs to ensure, that all bidding documents and contracts for Works contain provisions that require contractorsto:</p> <ol style="list-style-type: none"> <li>1. Comply with the measures and requirements relevant to the contractor set forth in the IEEs, EMPs and CPFs, and any corrective or preventative actions set out in a Safeguards MonitoringReport;</li> <li>2. Make available a budget for all such environmental and socialmeasures;</li> </ol> <p>ProvidetherelevantEAwitha 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</p>	<p><b>Being Complied</b></p> <p>All DPRs which defines the technical requirement of the civil works contract have ECOP and EMPs. ECOP and EMP, in general, preparation complied with the EARF. No construction was allowed inside forestland without prior forest clearance. No road subproject is located inside or near wildlife sanctuaries, national parks, and similar areas with high significant</p>



	<p>IEEs, EMPs, and CPFs;</p> <p>3. adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction.</p> <p>4. fully reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction; and</p> <p>5. Assist as necessary in resolving grievances which arise during construction activities.</p>	<p>ecological functions. The construction materials and plants being utilized in different sub- projects are in compliant with environmental regulations of the country.</p>
<ul style="list-style-type: none"> <li>Schedule –5</li> <li>Para 17</li> </ul> <p>Safeguards Monitoring and Reporting</p>	<p>The Borrower shall ensure or cause the EAs to:</p> <p>1. submit annual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission.</p> <p>2. 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 IEEs, EMPs, or CPFs, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan; and</p> <p>3. Report any breach of compliance with the measures and requirements set forth in the EARF, IEEs, EMPs and CPFs promptly after becoming aware of the breach.</p>	<p><b>Being Complied</b></p> <p>The EMR (April 2020 to March 2021) has prepared and submitted to ADB.</p>
<ul style="list-style-type: none"> <li>Schedule – 5</li> <li>Para 18</li> </ul> <p>Prohibited List of Investments</p>	<p>The Borrower shall ensure, or cause the EAs to ensure, that no proceeds of the Loans are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.</p>	<p><b>Complied</b></p>

<sup>2</sup><https://www.adb.org/projects/documents/ind-48226-004-Ina>

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**B. COMPLIANCE TO STATUTORY REQUIREMENTS**

22. High degree of compliance to the domestic environmental laws and regulations were observed across the RCIP states. Rural roads are exempted from obtaining environmental clearance from MoEFCC. Scrutiny of the road subprojects implemented in SRCIP Tranche 2 did not have any road passing through any national parks, sanctuary or other Government designated protected areas, and therefore, there was no road that requires any environmental clearance from the MoEFCC. None of the subprojects required expansion of right-of-way (ROW) in the Protected/Reserved Forest area and no forest clearance was required for this purpose in any sub-project. 14 sub projects has been identified which is passing through forest for the which the working permission (forest clearance obtained). A List of sub projects which is passing through forest, which the working permission obtained is provided in **Annexure III** and a sample copy of working permissions obtained for the sub-project is given in **Annexure IV**.
23. In most of the cases Contractors resorted in sourcing ready mix asphalt instead of establishing hot mix plants and therefore the "No Objection Certificate" (NOC) from the State Pollution Board was not required. The construction materials and plants being utilized in different sub-projects are in compliant with environmental regulations of the country. A sample copy of consent to operate for construction plants (HMP, Crusher Plants) is provided in **Annexure V** and Environmental clearance copy obtained from the respective SEIAA for stone quarry is provided in **Annexure VI**.
24. The length of PMGSY roads is generally short in length and the due to new construction methodology, there was no need to establish camp and instead Contractors rented existing residential structures. This avoided a number of mitigation measures related to camp site and local permissions. The water for construction works has been obtained from various sources as per site conditions e.g. obtained from rivers/streams, private pond or using the existing tube well with the permission from the owners or Gram Panchayat. A sample copy for permission received copy for use of water is attached as **Annexure VII**.
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**C. COMPLIANCE TO THE ENVIRONMENTAL ASSESSMENT AND REVIEWFRAMEWORK**

25. The requirements stipulated in the EARF have been or are being complied with. Table 4 below shows the substantial compliance of various conditions of the EARF.

**Table 4: Compliance of SRCIP Tranche 2 to the EARF<sup>3</sup>**

<b>EARF Reference</b>	<b>Requirements</b>	<b>Compliance Status</b>
Section II Para 6	<p>Specifically, the rural road subprojects will comply with the following:</p> <ol style="list-style-type: none"> <li>I. Government's Environmental Impact Assessment Notification. In lieu of the requirements of the EIA Notification and to mainstream environmental concerns, specific procedures that were formulated under RCIP-1 and 2 will be implemented,</li> <li>II. Forest Clearance from Department of Forests is required for diversion of forest land (if any) for non-forest purpose. Prior permission is required from forests department to carry out any work within the forest areas and felling of road side trees. Cutting of trees need to be compensated by compensatory afforestation as per the requirement of forests department.</li> <li>III. Placement of hot-mix plants, quarrying and crushers, batch mixing plants, discharge of sewage from construction camps requires No Objection Certificate (Consent to Establish and Consent to Operate) from State Pollution Control Board prior to establishment.</li> </ol>	<p><b>Being Complied</b></p> <p>The requisite working permissions (forest clearances) from the forest department have been obtained for 14 sub-projects.</p> <p>No Objection Certificate for Hot Mix Plants has been obtained from authority.</p>
	<ol style="list-style-type: none"> <li>I. Permission from Central Ground Water Authority is required for extracting groundwater for construction purposes, from areas declared as critical or semi-critical from ground water potential.</li> <li>II. Resolution of issues related to land availability and forest/environmental clearance and the need to moderate environmental impacts (Sec. 8.4, PMGSY Scheme and Guideline).</li> </ol>	
Section II Para 7	<p>Only category "B" projects will be implemented under the Investment Program. No Category A (as per ADB's SPS 2009) subproject will be included in the project. All subprojects will be subject to the following requirements, based on SPS 2009:</p> <ol style="list-style-type: none"> <li>I. Submission of a completed Rapid Environment Assessment (REA) checklist for Roads and Highways and a categorization form for each state level IEE that</li> </ol>	<b>Being Complied</b>

EARF Reference	Requirements	Compliance Status
	<p>is prepared.</p> <p>II. An environmental assessment through the preparation of Initial Environmental Examination (IEE) report, Environmental Management Plan (EMP) and Environmental Monitoring Plan (EMoP). Further details on reporting requirements are mentioned under section D.</p> <p>III. Regular monitoring of implementation of the EMP and submission of monitoring reports and due diligence reports as necessary.</p>	
Section II Para 8	<p>Given that existing capacity of the SRRDAs and PIUs for implementing environmental safeguard issues are inadequate, necessary capacity building activities will be carried out. Capacity building activities will mainly comprise training workshops for SRRDA and PIU environmental officers on:</p> <p>I. Completion of EnvironmentChecklists,</p> <p>II. Preparation of Environmental Management Plan (EMP) and Environmental Monitoring Plan(EMoP),</p> <p>III. monitoring of EMP implementation and completion of monitoring checklists prior to, during and post construction; and preparation of monitoringreports.</p>	<b>Being Complied</b>
Section III Para 10	<p>Any subprojects not meeting the criteria listed below will not be considered under the project:</p> <p>(i) Subprojects will be eligible for construction or upgrading in accordance with the PMGSY guidelines, and be included in the respective district core network;</p>	<b>Being Complied</b>
Section III Para 10	<p>(ii) The subprojects shall not disturb any cultural heritage designated by the Government or by international agencies, such as the United Nations Environment, Scientific and Cultural Organization (UNESCO), and shall avoid any monuments of cultural or historical importance;</p>	<p><b>Being Complied</b></p> <p>None of the Loan 3703-IND subproject passes through cultural heritage</p>
Section III Para 10	<p>(iii) The subproject will not pass through any designated wildlife sanctuaries, national parks, other sanctuaries, Notified Ecological Sensitive areas or area of international significance (e.g., protected wetland designated by the Ramsar Convention on</p>	<p><b>Being Complied</b></p> <p>None of the Loan 3703-IND sub-project passes through any</p>

<b>EARF Reference</b>	<b>Requirements</b>	<b>Compliance Status</b>
	Wetlands of International Importance especially as Waterfowl Habitat (Wetland Convention);	Designated wildlife sanctuaries, national parks, other sanctuaries, Notified Ecological Sensitive areas
Section III Para 10	(iv) No category A subproject, as per ADB's SPS will be included in theMFF	<b>Being Complied</b> No 'Category A' subproject has been included in the SRCIP Tranche 2.
Section III Para 11	ADB's Rapid Environmental Assessment (REA) Checklist for Roads and Highways including climate risk screening (appendix 1) will be completed for each state based on preliminary screening of impacts, completed Environment Checklists and/or state level IEE reports prepared and submitted to ADB to confirm categorization.	<b>Being Complied</b>
Section III Para 12	Transect walks will be conducted and environment checklists completed for each road as per the PMGSY guidelines	<b>Being Complied</b>
Section III Para 13	In accordance with the PMGSY guidelines for bridges longer than 50m, separate transect walk will be conducted and Environment Checklist will be prepared	Not applicable to date. No long span bridge was included in theSRCIP Tranche 2.
Section III Para 14	IEE reports will be prepared at the state level based on the Environment Checklists (Appendix 2) prepared by the Project Implementation Consultant (PIC) and reviewed by the Technical Support Consultant (TSC).	<b>Being Complied</b>
Section III Para 15	The IEE reports and their respective EMPs (including monitoring plans) must cover the most environmentally sensitive components in each state. There should be a general EMP and road specific EMP for each road.	<b>Being Complied</b>
Section III Para 16	The projects shall only involve activities that follow GoI laws and regulations, ADB's Safeguard Policy Statement 2009, this EARF and respective sub-project EMPs.	<b>Being Complied</b>

<b>EARF Reference</b>	<b>Requirements</b>	<b>Compliance Status</b>
Section III Para 17	<p>MORD, the Executing Agency, has the responsibility for monitoring implementation of the EMP for all subprojects and undertaking necessary due diligence. MORD will also ensure that ADB is given access to undertake environmental due diligence for all subprojects, when needed.</p> <p>Specifically, MORD will do the following:</p> <ul style="list-style-type: none"> <li>i. Ensure that each SRRDAs have Environmental Officers;</li> <li>ii. Ensure that the SRRDAs meet all environmental assessment requirements as mentioned in section B and D;</li> <li>iii. Undertake random monitoring of the implementation of the EMP.</li> </ul>	<b>Being Complied</b>

<sup>3</sup><https://www.adb.org/projects/documents/ind-48226-002-earf>

**D. COMPLIANCE TO THE ENVIRONMENTAL MANAGEMENT AND MONITORING PLANS****a. Environmental Monitoring Plan**

26. Environmental monitoring requirement for PMGSY roads is rudimentary comprising mainly of ensuring whether a particular mitigation measure was accomplished and not requiring complex and expensive media-based (air, water, and waste) environmentally quality monitoring. All contractors are required to submit monthly monitoring reports while PIC conduct on-site inspection at least 3 times during the entire process of road development, namely: pre-, during-, and post-construction stages. The TSC and SRRDA Environmental Officer are required to conduct at least one annual site inspection in line with the preparation of this report. Table 5 presents the status of environmental monitoring for each stage.
27. In this year session April 2020 to March 2021 SRCIP Tranche 2 has subjected 100.00% to “pre-construction” monitoring, 100.00 % to “during- construction” and 99.17% to “post-construction: monitoring demonstrating (Table-5) wide coverage of the activity and compliance to the EARF and EMP.

**Table 5: Achievement of Environmental Management and Monitoring Plan in this year  
(April 2020 to March-2021)**

Sl.	Visited Districts	No. of Roads Visited	No. of ECOPs	No. of EMP's Prepared	Preconstruction monitoring checklists completed	During construction monitoring checklist completed	Post construction monitoring checklist completed
1	Alirajpur	3	3	3	3	3	3
2	Balaghat	13	13	13	13	13	13
3	Betul	16	16	16	16	16	16
4	Bhopal	1	1	1	1	1	1
5	Dewas	6	6	6	6	6	6
6	Dhar	11	11	11	11	11	11
7	Hosangabad	11	11	11	11	11	11
8	Indore	4	4	4	4	4	4
9	Mandsour	3	3	3	3	3	3
10	Neemuch	1	1	1	1	1	1
11	Raisen	11	11	11	11	11	11
12	Satna	4	4	4	4	4	3
13	Seoni	10	10	10	10	10	10
14	Shajapur	9	9	9	9	9	9
15	Tikamgarh	1	1	1	1	1	1
16	Ujjain	11	11	11	11	11	11
	<b>Total</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>115</b>	<b>114</b>

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**b. Environmental Management Plan Implementation**

28. To assess the performance of MPRRDA in implementing the EMP, a total of 12 monitoring reports were reviewed (5 pre-construction and 7 during Construction). Overall compliance rate for SRCIP Tranche - II is good. Substantial compliance was achieved across Madhya Pradesh with regards to the EMP implementation to include:
1. Adequate cross drainage structures were planned and provided.
  2. DPRs identified licensed borrow areas for borrowing compact soil for road construction.
  3. The water sprinkling system during construction is being carried out.
  4. Adequate safety signage planned all along the rural road. Speed breakers were provided/under construction near schools.
  5. Electric poles, telephone lines, tube wells etc. have been impacted due to the road construction and most of them have to be relocated under the project cost. It was observed during the field visit that utility structures pose safety hazards, the project authorities were informed of the urgency for attending to this aspect. Subsequent to the visit of the PIC experts to the project sites, a summary of the actions to be taken by the PIU officials were submitted for follow up action.
  6. As per pollution control board stipulation "Pollution under Control" certificate for the vehicles engaged in construction work has been obtained.
  7. Tree plantation along the roads is not a cost item in the DPR's, Panchayats on their own are taking steps to plant trees along the roads under different rural development schemes like MGNREGA etc.
  8. Establishment of major construction camps has not been required for the construction of the rural roads.
  9. As a good practice, all the states are using new technology including geotextile, plastic wastes etc. in road construction.
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#### IV. PUBLIC CONSULTATIONS AND GRIEVANCE REDRESS

29. The PMGSY employs a bottom-up approach for project planning and preparation. The Core Network, from which the roads to be improved are selected, is prepared at the block level in consultation with the concerned Panchayats and consolidated at the district level. The list of roads to be taken up in each yearly allocation is first prepared by the PIU, approved by the Zilla Parishad, and then forwarded to the state government for further approval. Thus, the subsequent consultations carried out by the PIU personnel for all the selected sub projects faced no objection from the community and there was active participation during the conduct of the transect walks and preparation of the environmental mitigation plans.
30. The Public Consultation and Awareness Program were designed to interact with the local people regarding the project roads and also to spread awareness on safety among them. Women have also showed an overwhelmed gesture for constructing the roads as the newly constructed roads provided them better communication as well as opportunity to reach out their needs. Table 6 below shows the status of public consultation, HIV/AIDS awareness and Road safety awareness program as on March 2021 along with the photographs.

**Table: 6 – Status of Public Consultation and HIV/AIDS Awareness Program under  
Loan no. 3703-IND**

Loan No.	:	3703-IND
State	:	Madhya Pradesh
No. of Road	:	203
Total length	:	2853.98
No. of visited roads in April 2020 to March 2021	:	115
Length of visited roads till April 2020 to March 2021	:	1590.67km
<b>Public Consultation</b>		
Total No. of Consultation	:	387
Total No. of Participants	:	1936
No. of Female Participants	:	861
No. of Male Participants	:	1075
<b>HIV/AIDS awareness Program</b>		
Total no. of Labour	:	1936
No. of Female Labour	:	861
No. of Male Labor	:	1075

Road Safety Awareness Program		
Target (number of participants)	:	40%
Achievement (number of participants)	:	8472
%age of Female Participants	:	3133 (36.98%)

Source: PIC Madhya Pradesh 2020

Photo Plate – 1: Public Consultation



Photo Plate – 2: Information of HIV/AIDS

Awareness sessions



Photo Plate – 3: Format for information of

Road Safety Awareness sessions

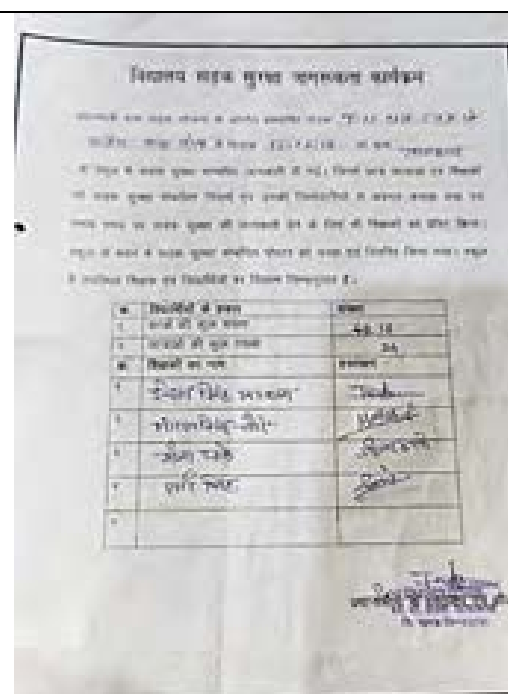



Photo Plate – 4: Road Safety Awareness Programme



## कृपया अपने विद्यार्थियों को सड़क सुरक्षा के नियमों का पालन करना सिखाये

**शिक्षाकगण : याद रखे कि आप भी जिम्मेदार हैं।**

- विद्यार्थियों को सड़क सुरक्षा के नियम सिखाये।
- शिक्षा वर्ष के प्रारंभ में कम से कम एक पाठ सड़क सुरक्षा नियमों के पालन पर पढ़ाया जाये। आवश्यकतानुसार पुलिस के प्रतिनिधियों को भी इस हेतु आमंत्रित करें ताकि वे अपने अनुभवों एवं नियमों की जानकारी दे सकें।
- शिक्षा वर्ष के प्रारंभ में कम से कम एक बैठक अभिभावकों के साथ सम्पन्न करके सड़क सुरक्षा के नियमों और अभिभावकों की जिम्मेदारी के बारे में उन्हें समझाईस दे।
- जब भी आप अपने विद्यार्थियों के साथ सड़क पर हो तब उन्हें सड़क सुरक्षा के नियमों का अभ्यास सड़क पर कराये।
- विद्यार्थी उदाहरणों से सिखते हैं इसलिये कृपया नियमों का स्वयं भी पालन करें।
- विद्यार्थी कौं सड़क पर तब तक अकेला न जाने दे जब तक कि वे इन नियमों को पालन करना न सिख लें।
- आपको नियमों का पालन करने के लिए बाध्य करना भी पड़ सकता है अतः जब भी विद्यार्थी इन नियमों के अनुसार आचरण न करें तो उन्हें नियमानुसार आचरण के लिये बाध्य करें।

**शिक्षाकगण : याद रखे कि नई सड़कें खतरनाक होती हैं।**

- नई पूर्ण सड़कों पर वाहनों की रफ्तार काफी तेज हो सकती है।
- प्रायः सड़क पूर्ण होने के कुछ समय में दुर्घटनायें अधिक होती हैं क्योंकि उपयोगकर्ता उच्च गति के लिए अभ्यस्त नहीं होते।

**शिक्षाकगण : देख लें कि स्कूल को जाने वाले रास्ते सुरक्षित हों।**

- प्रत्येक शिक्षावर्ष में कम से कम एक बार विद्यार्थियों के साथ विभिन्न स्थानों से स्कूल की ओर पैदल आये एवं स्कूल से पैदल वापस जाये।
- विद्यार्थियों के द्वारा सड़क सुरक्षा के नियमों के अनुपालन की देखरेख करते रहे, नियम पालन हेतु अभ्यास कराये तथा उन्हें नियम पालन हेतु बाध्य भी करें।
- सड़क सुरक्षा की दृष्टि से खतरनाक स्थानों की पहचान करें तथा आवश्यकतानुसार विद्यार्थियों को वैकल्पिक रास्ते से आने-जाने के लिए प्रेरित करें। सड़क एवं पुलिस के संबंधित अधिकारीगण से चर्चा कर उन्हें सड़क सुरक्षा के उपाय करने एवं उनका पालन करने में सहयोग करें।
- विद्यार्थियों के द्वारा स्कूल आवागमन हेतु उपयोग किये जाने वाले वाहन का सुरक्षित हों। स्कूल वाहनों के चालकों को निर्धारित सीमा से अधिक गति से वाहन न चलाने के निर्देश दे, वाहनों पर ओवर लोडिंग न हो, प्रत्येक वाहन पर ओवर लोडिंग या खतरनाक ड्राइविंग की दशा में सम्पर्क दूरभाष क्रमांक आदि विवरण दिये जाये।
- विद्यार्थियों को खतरनाक स्थानों जैसे रेल्वे कॉसिंग आदि का उपयोग करते समय सुरक्षित रहने के उपाय समझाये जाये।



## समुदाय हेतु सड़क सुरक्षा संकेत

आइये सड़क के आस-पास लगे चिन्हों/संकेतों और उनके उपयोग की आवश्यकता के बारे में जाने और उन्हें वाहन चलाते समय ध्यान दें।

 <p><b>हार्न बजायें</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न पर उपरोक्त दूरी पहले घुमाव पूर्व दिशा परिवर्तन को हार्न आवश्यकता आवश्यकता करने को निम्न संकेतों को देखें।</p>	 <p><b>हार्न न बजायें</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न पर, बहुत, आवश्यकता को हार्न बजाए जाने को निम्न संकेतों को देखें।</p>	 <p><b>हकूल</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न बहुत को पहले घुमाव आवश्यकता को निम्न संकेतों को देखें।</p>
 <p><b>गति सीमा</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न बहुत को 20 कि.मी. प्रति घंटा की गति से चलने को निम्न संकेतों को देखें।</p>	 <p><b>गति अवरोधक</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न बहुत को पहले घुमाव को निम्न संकेतों को देखें।</p>	 <p><b>टन-भारक क्षमता</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न बहुत भार को अधिकतम भार को निम्न संकेतों को देखें।</p>
 <p><b>दाहिना मोड़</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न बहुत को पहले घुमाव को निम्न संकेतों को देखें।</p>	 <p><b>बायां मोड़</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न बहुत को पहले घुमाव को निम्न संकेतों को देखें।</p>	 <p><b>S मोड़</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न S मोड़ को पहले घुमाव को निम्न संकेतों को देखें।</p>
 <p><b>संकीर्ण पुलिया</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न संकीर्ण पुलिया को पहले घुमाव को निम्न संकेतों को देखें।</p>	 <p><b>T जंक्शन</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न टी-जुन मोड़ को पहले घुमाव को निम्न संकेतों को देखें।</p>	 <p><b>Y जंक्शन</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न Y-जुन मोड़ को पहले घुमाव को निम्न संकेतों को देखें।</p>
 <p><b>कार्य प्रगति पर</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न कार्य पर चलने पर चलने को निम्न संकेतों को देखें।</p>	 <p><b>ठहरिये</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न बहुत को पहले घुमाव को निम्न संकेतों को देखें।</p>	 <p><b>परिवर्तित मार्ग</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न परिवर्तित मार्ग को पहले घुमाव को निम्न संकेतों को देखें।</p>
 <p><b>असुरक्षित रेलवे क्रॉसिंग</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न रेलवे क्रॉसिंग पर चलने को पहले घुमाव को निम्न संकेतों को देखें।</p>	 <p><b>सुरक्षित रेलवे क्रॉसिंग</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न सुरक्षित रेलवे क्रॉसिंग को पहले घुमाव को निम्न संकेतों को देखें।</p>	 <p><b>पार्किंग</b></p> <p style="font-size: 0.8em;">इस संकेत चिह्न उपरोक्त क्षेत्र में चलने को निम्न संकेतों को देखें।</p>


Infrastructure Development Company



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31. The Grievance Redressal Committee has been designed to address any grievances arise due to the project. PIUs were advised to form GRCs at District and Gram Panchayat level in compliance with the CPF guidelines. The composition of GRC at Gram Panchayat Level is–
- President of respective GramPanchayat
  - Vice President of respective Gram Panchayat
  - Representative of Affected Persons
  - Village Headman
  - Representative from PIU (Officer in the rank of Junior Engineer or above)
32. The composition of GRC at district level is –
- Executive Engineer of the PIU
  - Circle Officer
  - Member of Zilla Parishad
  - Member of GRC of the concerned Gram Panchayat
  - Two members or 30 % of the members should be women; whichever is higher shall be considered.
  - The women members shall be from among the elected member of Gram Panchayat or from self- help group within the village.
33. In case of all the subproject roads, village committees were in place comprising the sarpanch, panchayat secretary and other prominent citizens of the village for the purpose of redressal of grievances. As the site selection process involved participation and full consultation with the community. PIC professionals and PIU staff are in regular contact with the village community and community leaders to facilitate resolving any grievance that may arise.
34. The Gram Panchayat level GRCs have been constituted for road of in Madhya Pradesh under SRCIP tranche-2 of loan no. 3703-IND. There were no grievances related to environmental safeguards during the reporting period under Loan 3703-IND. A copy of GRC information pamphlet, Member list and GRC register is attached for reference as **Annexure VIII**. The detailed status till Mar 2021 is given in the Table 7 and 8.
-

**Table: 7 – Status of formation of GRC**

Loan No.	:	3703-IND
State	:	Madhya Pradesh
No. of Road visited	:	115
No. of committees constituted	:	345
Total Member	:	1734
Total Man Member	:	1095
Total Women Member	:	639
Grievance Received (Related to environment safeguard)	:	Nil
Grievance resolved	:	Nil

**Table: 8 – District Wise visited road status April 2020 to March 2021**

SN	District	Total roads	No. of Roads visited	Length	Balance road visit	No. of GRC formed	Total Members	Total Women Members
1	Alirajpur	3	3	39.54	0	9	45	17
2	Balaghat	13	13	152.40	0	39	195	72
3	Barwani	1	0	17.89	1	4	20	8
4	Betul	16	16	192.14	0	48	238	89
5	Bhind	5	0	66.78	5	15	75	28
6	Bhopal	1	1	10.00	0	3	15	6
7	Burhanpur	6	0	28.95	6	11	55	20
8	Chhatarpur	1	0	6.00	1	3	15	6
9	Damoh	4	0	113.94	4	16	80	28
10	Dewas	6	6	95.19	0	18	90	33
11	Dhar	11	11	196.21	0	33	164	61
12	Gwalior	1	0	17.9	1	3	15	6
13	Harda	3	0	59.85	3	12	60	24
14	Hoshangabad	11	11	107.13	0	32	162	61
15	Indore	4	4	75.83	0	12	60	22
16	Jhabua	7	0	89.85	7	23	115	40
17	Katni	7	0	85.30	7	21	105	42
18	Khandwa	7	0	93.43	7	24	120	48
19	Khargone	7	0	136.93	7	38	186	66
20	Mandsour	3	3	57.75	0	9	45	17
21	Morena	8	0	102.09	8	16	80	30
22	Neemuch	1	1	26.50	0	3	15	6
23	Panna	1	0	11.00	1	2	10	4
24	Raisen	11	11	104.26	0	33	166	61
25	Ratlam	5	0	93.93	5	17	84	29
26	Rewa	2	0	47.28	2	7	35	12
27	Sagar	12	0	152.78	12	32	160	58
28	Satna	4	4	32.53	0	12	60	22
29	Seoni	10	10	141.22	0	30	151	55
30	Shajapur	9	9	157.61	0	27	136	50
31	Shivpuri	3	0	66.62	3	10	50	16
32	Tikamgarh	1	1	8.10	0	3	16	6
33	Ujjain	11	11	123.98	0	33	166	61
34	Vidisha	8	0	143.09	8	14	70	20
	<b>Total</b>	<b>203</b>	<b>115</b>	<b>2853.99</b>	<b>88</b>	<b>612</b>	<b>3059</b>	<b>1124</b>

Source: PIC Madhya Pradesh 2020



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## V. CONCLUSION

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35. It can be concluded that based on the foregoing review of environmental safeguards documents particularly the state IEE reports, ECOP Checklists, road specific EMPs, and monitoring reports at various stages of road construction and validated through site-inspection.
  36. SRCIP Tranche II has achieved compliance to the environmental provisions of the loan covenant, EARF, domestic statutory requirements, and the EMP. No significant adverse environmental impacts have occurred in the process of implementing the project.
  37. The site-visits confirmed the accuracy of the checklist against ground realities. Inventoried utilities, trees, and land use by chainage are accurate. The project roads do not encroach or located near protected areas or known habitat of protected species. All flood prone-areas that need drainage facilities like balancing culverts were adequately identified.
  38. The PIUs and PICs demonstrated competence in monitoring EMP implementation and timely recording non-compliances. MPRRDA generally issue non-compliance notices through the PIUs within the 1-week from receipt of the monitoring report.
  39. The individual notices cover issues for each EMP item violation, corrective instructions, and deadlines for corrective actions. These findings lend credibility to the state-level IEEs that were previously prepared.
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## ANNEXURE-I: SAMPLE COPY OF ENVIRONMENTAL CHECKLIST (ECOP)

## ग्रामीण सड़क - पर्यावरणीय चेक लिस्ट

सड़क का नाम ढोड़ी से गौगाहोनी  
 ब्लॉक का नाम कमावरा  
 जिला का नाम राजगढ़  
 सड़क की कुल लम्बाई (प्रस्तावित) 7.40 कि.मी. निरीक्षण उपरान्त लम्बाई 11.0 (km) कि.मी.

## अ. जलवायु परिस्थितियाँ

तापमान	अधिकतम _____ न्यूनतम _____
आर्द्रता	अधिकतम _____ न्यूनतम _____
वर्षा	माह / वर्ष _____

## ब. सड़क की स्थिति

क्र.	इको सिस्टम का प्रकार	हाँ	नहीं	विवरण
1	तटीय क्षेत्र दलदली क्षेत्र सड़क से लगा हुआ		<input checked="" type="checkbox"/>	तट से दूरी _____ कि.मी. 50 प्रतिशत से ज्यादा 50 प्रतिशत से कम
2	पहाड़ी / पर्वतीय क्षेत्र क्षेत्र की स्थिति का विवरण दें और यह स्पष्ट करें कि कितने कि.मी. की सड़क पहाड़ी क्षेत्र में जाती है।		<input checked="" type="checkbox"/>	
3	वन क्षेत्र यह बतायें कि क्या सड़क वन क्षेत्र के बीच से गुजरती है या वन क्षेत्र के किनारे पर स्थित है। सड़क की लम्बाई जो वन क्षेत्र से गुजरती है या वन क्षेत्र के किनारे पर स्थित है उसका भी विवरण दें और सड़क शौल्डर से वन क्षेत्र की दूरी बताएं।		<input checked="" type="checkbox"/>	घनत्व / वनस्पति (पेड़ / पौधे) वन क्षेत्र _____ वनस्पति का प्रकार _____ वन क्षेत्र की तकनीकी स्थिति _____ रिजर्व, नेशनल पार्क, सेंचुरी या अभ्येक्षित वन आदि
4	क्या प्रोजेक्ट सड़क से लगे हुए क्षेत्र में या सड़क शौल्डर के 500 मीटर के क्षेत्र में वन्य जीवों का प्राकृतिक निवास है।		<input checked="" type="checkbox"/>	जानवरों का नाम _____ विलुप्त श्रेणी के वन्य जीवों का नाम _____ कोई सेक्रेडरी जानकारी उपलब्ध नहीं है और स्थानीय समुदाय भी इस बारे में नहीं जानता है।

क्र.	इको सिस्टम का प्रकार	हाँ	नहीं	विवरण
5	बसाइट का क्षेत्र	✓		Chainage from ..... to ..... गांव का नाम 0-200-ढोड़ी १600-2800-कोवेसी कालोनी 4१00-4400-अमृदिमा नीला 6400-6800-नानाडुल 8800-9200-वरिपा जडी 10800-11000-गाम्छोनी
6	कृषि भूमि	✓		Chainage from ..... to ..... 200-2660-Both side. 2800-4200- 4400-6400- 6800-8800- 9200-10800-
7	घारागाह भूमि		✓	Chainage from ..... to .....
8	बंजर भूमि		✓	Chainage from ..... to .....

स. सड़क के पर्यावरण का विवरण (टीप-प्रश्न क्रं. 1,4,5,7 एवं 8 के जबाब समुदाय से चर्चा के दौरान भरे/पूर्ण किये जाये)

क्र.	मापदण्ड	हाँ	नहीं	विवरण
1	क्या प्रोजेक्ट सड़क से लगे हुए क्षेत्र में भूस्खलन की समस्या है ?		✓	
2	तालाब / दलदल सड़क शोल्डर की तालाब के किनारे से दूरी बतायें <i>तलाब</i>	✓		Chainage From : 2.600 to 2.800 तालाब का आधार <i>तलाब</i> तालाब की स्थिति संरक्षित या असंरक्षित <i>1400m to Ch-1600m River.</i> <i>9200m to Ch-9400m River</i>
3	सड़क पार करने वाली सतही जल मार्ग नदी, नाले आदि। (Chainage के आधार पर)	✓		EX-CH + 200-400, 600-800, 2200-2400, <i>नदी</i> PROF + 0-200, (1200-1400), 2600-2800, 2800-3000, 3400-3600, 4600-4800, 6000-6200, 6200-6400, 7800-8000, 8200-8400, 9200-9400, 10400-10600 (नदी) FD- 1800-2000, 2600-2800, 5400-5600, 8600-8800, 9400-9600, 9800-10000, 10600-10800, 10800-11000 m.
4	क्या प्रोजेक्ट सड़क से लगे हुए क्षेत्र में जल एकत्रीकरण एवं जल संचयन के मुद्दे हैं?		✓	

क्र.	मापदण्ड	हाँ	नहीं	विवरण						
5	क्या प्रोजेक्ट सड़क से लगे हुए क्षेत्र में बाढ़ की समस्या है?		✓	Chainage from ..... to .....						
6	सड़क के केन्द्र से दोनों तरफ 10 मीटर में आने वाले वृक्ष	✓		DBH - 30CM <table border="1"><tr><td>बौए</td><td>दौए</td><td>कुल</td></tr><tr><td>90</td><td>109</td><td>199</td></tr></table> कटने वाले वृक्षों की संख्या (अनुमानित) 109 पेड़ के बिना फलपुष्ट	बौए	दौए	कुल	90	109	199
बौए	दौए	कुल								
90	109	199								
7	क्या प्रोजेक्ट सड़क से लगे हुए क्षेत्र में या सड़क शोल्डर के 500 मीटर के क्षेत्र में प्रवासी पक्षियों का निवास क्षेत्र है?		✓	कोई सेकेंडरी जानकारी उपलब्ध नहीं है और स्थानीय समुदाय भी इस बारे में नहीं जानता है।						
8	क्या प्रोजेक्ट सड़क से लगे हुए क्षेत्र में या सड़क शोल्डर के 500 मीटर के क्षेत्र में कुछ वन्य जीवों के प्रजनन का क्षेत्र है?		✓	कोई सेकेंडरी जानकारी उपलब्ध नहीं है और स्थानीय समुदाय भी इस बारे में नहीं जानता है।						
9	क्या प्रोजेक्ट सड़क पर कोई उपयोगी संरचना केन्द्र से 10 मी. (सड़क के केन्द्र से दोनों तरफ) आती है।	✓		सूची सलग है।						
10	क्या प्रोजेक्ट सड़क पर कोई धार्मिक, सांस्कृतिक एवं सामुदायिक संरचना केन्द्र से 10 मी. (सड़क के केन्द्र से दोनों तरफ) आती है।	✓		मंदिर, मस्जिद आदि धार्मिक स्थल Chainages सूची सलग है।						

<sup>1</sup> नल, हैन्डपंप, बिजली के खंभे, टेलीफोन लाईन, पानी की लाइन एवं अन्य उपयोगी संरचनाएं।

<sup>2</sup> मंदिर, मस्जिद, चर्च, धार्मिक/सांस्कृतिक/ऐतिहासिक संरचनाएं, विद्यालय, औषधालय, सामुदायिक औषधालय एवं अन्य संरचनाएं।

## द. समुदाय से चर्चा

क्र.	गतिविधियाँ	हाँ	नहीं	टिप्पणियाँ
1	सड़क की अलाइनमेंट तय करने से पहले की स्थितियों पर क्या समुदाय से चर्चा की गयी थी? (कृपया समुदाय द्वारा उठाये गये मुद्दों का विवरण दें।)	✓		चर्चा की तिथि - 30-6-17, 1-7-17 समुदाय द्वारा मार्ग लेकर चाकी सुलुह है सभी लोगों ने सड़क निर्माण हेतु सहयोग करने की बात की है। सड़क CH=9200-9400 बैरिया खेड़ी नदी पर बड़ी पुलिया निर्माण कराया जावे व 1200-1400 मी लंबी पुलिया निर्माण की बड़ी काट जावे।
2	अलाइनमेंट के निर्धारण में प्राप्त सुझाव	✓		
3	यदि सुझाव प्राप्त हुए तो उनका समावेश रिपोर्ट में किया गया।	✓		प्राप्त सुझावों को एनए द्वारा प्रोजेक्ट रिपोर्ट में शामिल करने की बात कही है।

अन्य पर्यावरणीय सुझाव -

Attachment - I

### List of Trees

Chainage	Left		Right	
	Distance from Center Line		Distance from Center Line	
0-200 m	—	—	2	3.4 m
200-400 m	2	4.5 m	1	7 m
400-600 m	1	4 m	—	—
600-800 m	1	3 m	—	—
800-1000 m	3	6 m	—	—
1000-1200 m	1	6 m	—	—
1400-1600 m	—	—	6	8.1 m
1800-2000 m	1	1.7 m	—	—
2200-3000 m	—	—	1	3 m
3600-3800 m	1	3 m	—	—
3800-4000 m	—	—	4	3.4 m
4000-4200 m	6	4.6 m	—	—
4200-4400 m	4	3.4 m	—	—
4400-4600 m	1	4.6 m	4	8.1 m
5000-5200 m	—	—	①	1 m

### List of Trees

Chainage	Left (Distance from Center Line)		Right (Distance from Center Line)	
5200-5400m	(4)	2.5m	—	—
5400-5600m	1	5m	(4)	2.3m
	(17)	1.1m		
5600-5800m	(2)	2.1m	(5)	2.5m
5800-6000m	(12)	2.5m	—	—
6000-6200m	4	3.4m	3	3.5m
			1	1.0m
6200-6400m	(1)	2.1m	(8)	2.1m
6400-6600m	—	—	1	1.1m
6600-7000m	—	—	4	3.4m
7000-7200m	4	4.6m	4	4.2m
7200-7400m	8	4.5m	5	4.5m
7400-7600m	—	—	4	4.5m
7600-7800m	—	—	1	4.1m
9800-10000	(5)	2.3m	(15)	2.3m
			2	3.4m
10000-10200m	2	3.1m	(10)	2.5m

Attachment - I

### List of Trees

[illegible]

## List of Trees

[illegible]

**Attachment - II**  
**List of Utilities**

Chainage (M)	Left		Right	
	Distance from Center Line		Distance from Center Line	
0-200 m	3- <sup>1</sup> / <sub>2</sub> Fall ELL	3-4 m 1- <sup>1</sup> / <sub>2</sub> m 2- <sup>1</sup> / <sub>2</sub> m	1- <sup>1</sup> / <sub>2</sub> Fall 2- <sup>1</sup> / <sub>2</sub> m	8 m —
200-400 m	Full	7 m	ELL	—
600-800 m	ELL	—	Full	4 m
2400-2400 m	ELL	—	Full	4 m
2800-3000 m	ELL	—	ELL	2- <sup>1</sup> / <sub>2</sub> m 2- <sup>1</sup> / <sub>2</sub> m
3400-3600 m	Full	6 m	ELL	—
3600-3800 m	—	—	Full	3 m
4000-4200 m	ELL	—	ELL	—
4200-4400 m	Full	8 m	Full	2 m
5600-5800 m	ELL	3- <sup>1</sup> / <sub>2</sub> m	3- <sup>1</sup> / <sub>2</sub> m	4 m
5800-6000 m	ELL	3- <sup>1</sup> / <sub>2</sub> m	3- <sup>1</sup> / <sub>2</sub> m	4 m
6200-6400 m	ELL	3- <sup>1</sup> / <sub>2</sub> m	—	—
6400-6600 m	3- <sup>1</sup> / <sub>2</sub> Fall	2-3 m	2- <sup>1</sup> / <sub>2</sub> Fall	2-5 m

Attachment - III  
List of Community Structures

Chainage (M)	Left	Right
	Distance from Center Line	Distance from Center Line
0 - 200 m	रस्ता 15m	इसका 3m
600 - 800 m	—	कुआ 15m
1800 - 2000 m	इसका 25m	—
2600 - 2800 m	कुआ 6m	—
3600 - 3800 m	कुआ 4m	—
4200 - 4400 m	—	मेडिय 4m
5400 - 5600 m	कुआ 6m	कुआ 6m
6000 - 6200 m	कुआ 10m	—
6200 - 6400 m	कुआ 8m	—
6600 - 6800 m	इ-रस्ता 40m	रस्ता 3m
7000 - 7200 m	इसका 4m	पानी रस्ता 3m
7400 - 7600 m	पानी 10m	इसका 10m
8000 - 8200 m	इसका 15m	—
8800 - 9000 m	रस्ता 100m	—
9600 - 10000 m	इसका 4m	कुआ 3m

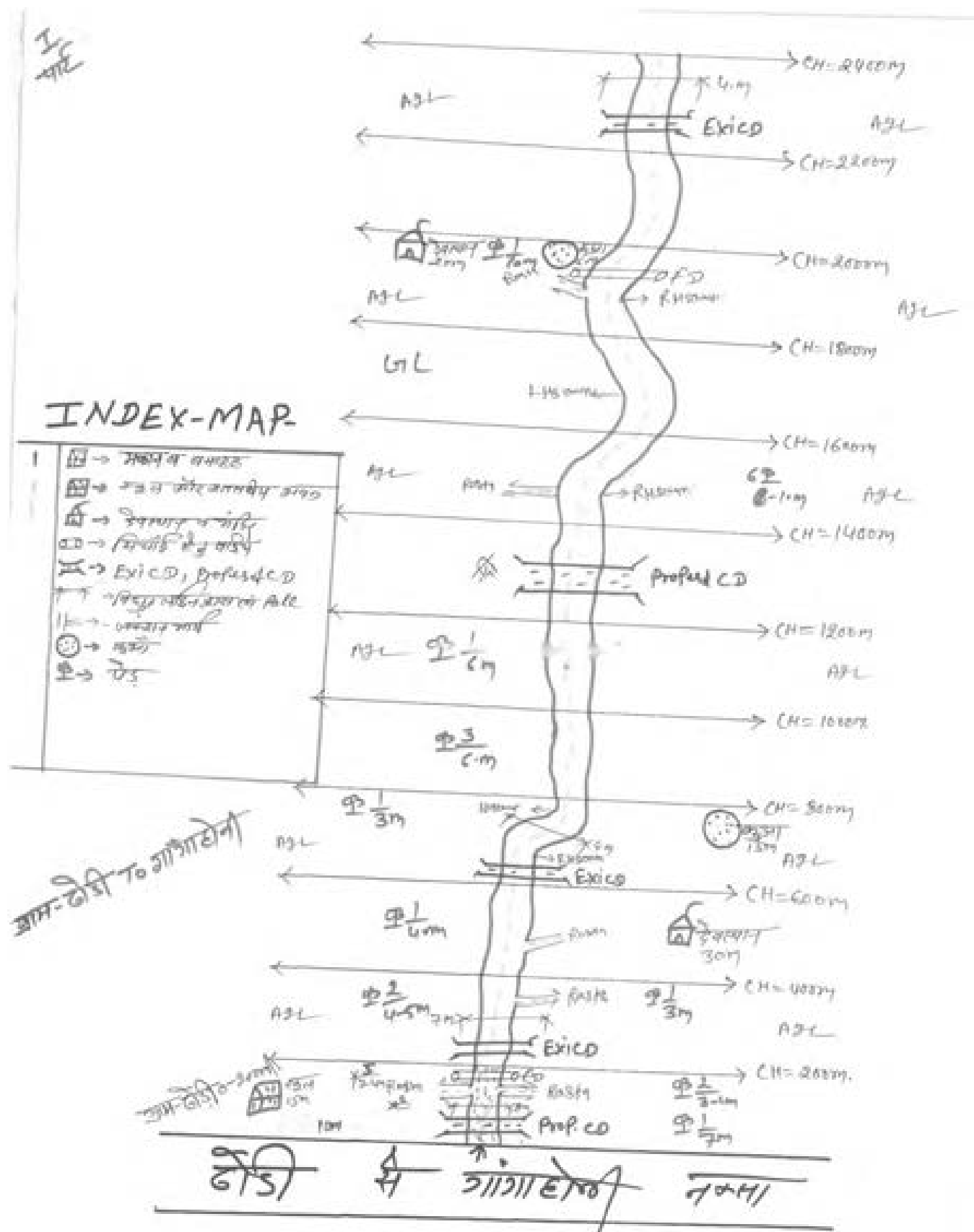
**Attachment - II**  
**List of Utilities**

Chainage (M)	Left Distance from Center Line	Right Distance from Center Line
6600 - 6800m	Full - 3m	Full - 2.5m
6800 - 7000m	2 - 2.5m, Full Full - Full	Full
7000 - 7200m	Full - 10ft	Full - $\frac{4}{3}$ 2m
7400 - 7600m	$\frac{2 \text{ Full}}{4-5m}$ , $\frac{1 \text{ Full}}{5m}$	—
8200 - 8400m	Full - 5m	Full - 10m
8400 - 8600	Full - Full	Full - 10m
9000 - 9200m	$\frac{\text{Full}}{2m}$ -	—
10200 - 10400m	Full - 10m	Full - 3m
10600 - 10800m	—	Full - 2m Full - 4m
10800 - 11000m	HP - 2m	Full - 2m

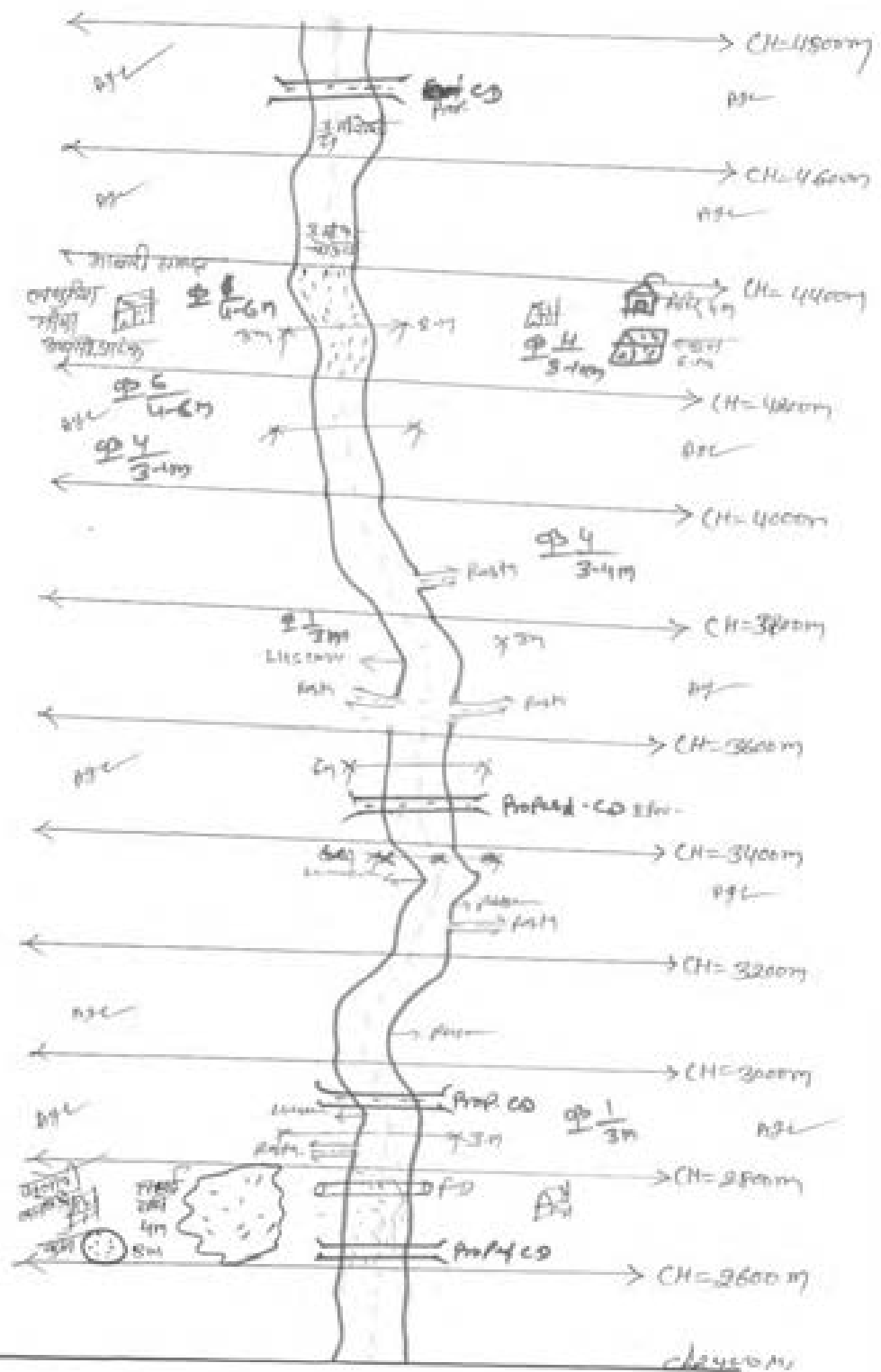
**Attachment - III**  
**List of Community Structures**

[illegible]





CH 4000-4100 मी  
3-4 मी मोटी है  
पानी की उपलब्धता  
है। CH 4800 मी तक  
I पाई है।



ग्राम-देवी 76 गाँवों में

## ट्रांसेक्ट वॉक के प्रतिभागियों की सूची

प्रधानमंत्री ग्रामीण सड़क योजना के अंतर्गत प्रस्तावित सड़क का नाम रोदी से  
आंगारोनी में दिनांक 30/06/17 को  
 ग्राम रोदी से ग्राम गांगारोनी  
 तक ट्रांसेक्ट वॉक किया गया। इस दौरान समुदाय को सड़क सुरक्षा से संबंधित नियमों के बारे में  
 अवगत कराया गया। जनसमुदाय ने सड़क सुरक्षा संबंधित पोस्टरों को भी वितरित किया गया  
 एवं पंचायत व अन्य भवनों पर चस्पा किया गया। इस ट्रांसेक्ट वॉक के दौरान उपस्थित  
 प्रतिभागियों का विवरण निम्नानुसार है।

क्र.	प्रतिभागियों के नाम	गांव का नाम	समुदायिक वर्ग	हस्ताक्षर
1.	आलमाराम	पसुडिया	SC	आलमाराम
2.	बिशनसिंह	—	ST	बिशनसिंह
3.	मोकमसिंह	—	—	मोकमसिंह
4.	कल्याणसिंह	—	—	कल्याणसिंह
5.	बाबूलाल	—	ST	
6.	दरियासिंह	—	ST	दरियासिंह
7.	कन्हैयालाल		SC	
8.	शिकाराम		ST	

क्र.	प्रतिभागियों के नाम	गांव का नाम	समुदायिक वर्ग	हस्ताक्षर
8.	सज्जि सिंह	पट्टिया	LM	सज्जि सिंह
9.	हरिसिंह	---	ABC	हरिसिंह
10.	मीराबाई	---	---	मीराबाई
11.	पार्वती बाई	---	---	पार्वती बाई
12.	चांदनी बाई	---	---	चांदनी बाई
13.	पूराबाई	---	---	पूराबाई
14.	नारायणी बाई	---	---	नारायणी बाई
15.	प्रीतम बाई	---	---	प्रीतम बाई
16.				
17.				
18.				
19.				
20.				
21.				

**TRANSECT WALK AND COMMUNITY CONSULTATION**









**ANNEXURE-II: LIST OF ROADS WHICH FOREST CLEARANCE (WORKING PERMISSION OBTAINED)**

<b>S. No</b>	<b>District</b>	<b>Block</b>	<b>Package Number</b>	<b>Road Name</b>	<b>Pavement Length (in Kms.)</b>
1	Barwani	Pati	MP2606	ML01-Osada SemliBamnali to Rosar Road	17.89
2	Betul	Athner	MP03608	T02-Athner ghoghra jod mendha Chhindwad to Bothi	34.69
3	Dewas	Bagli	MP10601	T01-Bagli Punjapura road	15.00
4	Dhar	Gandhwani	MP11607	T11-Chickli Phata (Haranchapda) to Gandhwani Singhana	22.70
5	Dhar	Sardarpur	MP11606	T09-Rajgarh (T05) to Timaychi (Jhaknawada Phata)	14.15
6	Khargone	Barwaha	MP22603	T02-Gawalu to okhla(uptodist Border Dewas)	22.79
7	Khargone	Bhikangaon	MP22608	T01-Rodia to Anjangaon MDR	13.52
8	Khargone	Gogawa	MP22607	T01-Bagdara to Nagjhiri Khargone	15.30
9	Khargone	Kasrawad	MP22604	T03-Kasarawad- Lohari Road ToSelda Plant	25.15
10	Khargone	Maheshwar	MP22605	T04-Maheshwar to Karhi Via Mahetwada Bablai	33.65
11	Mandsour	Sitamau	MP24605	T01-Sitamau to Kayampur	16.93
12	Raisen	Obedullaganj	MP29202	T02-NH-12 (Mandideep) - (Via Dahod) NH-12Noorganj to Dahod Road	17.75
13	Ratlam	Alot	MP31601	T03-Alote Sherpur Via Malya Road	15.13
14	Vidisha	Gyaraspur	MP45605	T02-NH-86 (Kalapatha) to Haidargarh	11.83

### ANNEXURE-III: A SAMPLE COPY OF FOREST CLEARANCE (WORKING PERMISSIONS) OBTAINED FOR THE SUB-PROJECTS

कार्यालय परियोजना महाप्रबंधक, म.प्र.ग्रा.स. विकास प्राधिकरण  
परियोजना क्रियान्वयन इकाई-1, कालापाठा रोड, विकास नगर, बैतूल  
Phone :- 07141 - 231733 (O), Fax :- 07141 - 233662 Email :- www.piubetul@rediffmail.com

क्र. 2265 / तक्र / PIU-1 / ग्रा.स. / 2018  
बैतूल, दिनांक 21 / 08 / 2018

मेसर्स राजदीप कंस्ट्रक्शन कंपनी  
कृष्णा लॉज, गांधी नगर बैतूल  
गंज जिला बैतूल (म.प्र.)  
(Email : rajdeep\_concom@yahoo.co.in)

विषय :- प्रधानश्री ग्राम सड़क योजना - II अंतर्गत स्वीकृत पैकेज क्र. MP03605 के काजली से  
डुडर मार्ग मार्ग लंबाई 1.825 कि.मी. के मध्य आने वाले वनक्षेत्र में सड़क के उन्नयन कार्य  
की अनुमति वास्तु।  
संदर्भ :- वनगंडलाधिकारी उत्तर सामान्य बैतूल का पत्र क्रमांक 6731 दि. 21.08.2018

उपरोक्त विषयान्तर्गत संदर्भित पत्र द्वारा वन प्रभावित पैकेज क्र. पैकेज क्र. MP03605 के काजली से डुडर मार्ग लंबाई 1.825 कि.मी. के मध्य में निर्माण/उन्नयन कार्य करने की सैद्धान्तिक स्वीकृति शर्त क्र. 1 से 16 के अंतर्गत प्रदान की गई है।

अतः उक्त मार्ग को संदर्भित पत्र में दर्शाई गई शर्तों के पालन हेतु आप शपथ पत्र राशि 100/- के नान ज्यूडिशियल स्टाम्प पर संलग्न प्रारूप अनुसार इस कार्यालय में अनिवार्यतः जमा करें ताकि अंतिम औपचारिक स्वीकृति की कार्यवाही की जा सके। शपथ पत्र प्रस्तुत नहीं करने की स्थिति में यह माना जावेगा की वनविभाग द्वारा दी गई स्वीकृति में परिवर्धित शर्तों से आप सहमत हैं।

संलग्न :- 1. संदर्भित पत्र की छायाप्रति।  
2. शपथ पत्र का प्रारूप

पृ. क्र. 2266 / तक्र / PIU-1 / ग्रा.स. / 2018  
प्रतिलिपि :-

- श्री दिनेश कुमार बरडे सहायक प्रबंधक, श्री एन. डहरीया उपसंग्रही, परियोजना क्रियान्वयन इकाई-1 बैतूल।
- टीग लीडर, मेसर्स साई इंटरप्राइसेस, जरीपटका नागपुर कैम्प बैतूल।  
की ओर सूचनाार्थ एवं आवश्यक कार्यवाही हेतु।

परियोजना महाप्रबंधक  
म. प्र. ग्रा. स. विकास प्राधिकरण  
परियोजना क्रियान्वयन इकाई-1 बैतूल



उपरोक्तानुसार प्रभावित वन भूमि पर भारत शासन के ज्ञाप क्रमांक 11/48/2002 एफ.सी. दिनांक 30/04/2005 एवं मध्यप्रदेश शासन वन विभाग मंत्रालय, वल्लभ भवन, भोपाल के क्रमांक 5/6/2005 / 10-3 दिनांक 17/05/2005 द्वारा क्षेत्रीय वनमण्डलधिकारी को प्रदत्त किये गये अधिकारों के तहत संदर्भित पत्र द्वारा प्रस्तुत किये गये वचन पत्र एवं मानचित्र के आधार पर मार्ग में उन्नयन कार्य किये जाने के लिये इस प्रकरण में निम्न दर्जित शर्तों के तहत सैद्धान्तिक सहमति जारी की जाती है:-

- (1) यह स्वीकृति केवल आपके द्वारा प्रस्तुत किये गये प्रस्ताव के आधार पर एवं प्रस्तुत प्रतिवेदन/ पंचनामा दिनांक 10.06.2018 के अनुसार परिक्षेत्र शाहपुर के प्रभावित हो रहे वनक्षेत्र कट्टा क्रमांक - आर.एफ. 219 एवं आर.एफ. 218 में लंबाई- 1200 मीटर में उपरोक्त उल्लेखित चौड़ाई में मार्ग का उन्नयन करने हेतु प्रदान की जाती है। इस बात का विशेष ध्यान रखा जावे कि किसी भी परिस्थिति में मार्ग की चौड़ाई नहीं बढ़ाई जावे, अन्यथा वन (संरक्षण) अधिनियम 1980 के उल्लंघन के फलस्वरूप नियमानुसार कार्यवाही की जावेगी।
- (2) प्रदान की जा रही स्वीकृति मात्र मार्ग के उन्नयन हेतु दी जा रही है। उक्त वनभूमि पर किसी विभाग/ एजेंसी का अधिकार नहीं होगा और न ही वनभूमि का वैधानिक स्वरूप परिवर्तित होगा।
- (3) कोल्लार को पिछलने एवं गिरने के लिये अग्नि वन क्षेत्र में नहीं लगाई जायेगी। वनक्षेत्र के बाहर भी वृक्षों से सुरक्षित दूरी पर लगाई जायेगी। दूरी का निर्धारण संबंधित वनमंडलधिकारी के द्वारा किया जायेगा। उपयुक्त होगा कि इस तरह के कार्य के लिये सूची तयानम जंतुओं में कार्य नहीं किया जाये। कार्यान्वित करने वाली एजेंसी इस कार्य हेतु जलजल लकड़ी पूर्व में राज्य शासन तथा वन विकास निगम के डिपो से क्रय करेगी।
- (4) वनक्षेत्रों के अंदर पत्थरों को तोड़ने की कोई अनुमति नहीं होगी। पूर्व से ही निर्मित सामग्री का सड़कों के उन्नयन हेतु उपयोग किया जायेगा।
- (5) उन्नयित सड़क के दोनों किनारे ईट/ पत्थर से सुदृढ़ किये जायेगे तथा भू-क्षरण को रोकने के लिये क्षेत्रीय वनमण्डलधिकारी के परामर्श से वेजीटेटिव कार्य परियोजना लगत पर किया जायेगा।
- (6) किसी भी वृक्ष को नहीं काटा जायेगा।
- (7) सड़क का चौड़ीकरण नहीं किया जायेगा। यदि चौड़ीकरण किया जाना आवश्यक है तो वन (संरक्षण) अधिनियम 1980 के अंतर्गत केन्द्र शासन से पूर्व अनुमति ली जायेगी।
- (8) वन क्षेत्र को कभी भी नहीं तोड़ा जायेगा।
- (9) वनभूमि पर श्रमिक केम्प नहीं लगाये जायेगे। किसी प्रकार के वाहन, मशीनों आदि के केम्प नहीं लगाये जायेगे।
- (10) क्रियान्वयन एजेंसी के कामगारों / श्रमिकों एवं अन्य के द्वारा ईंधन के रूप में जलाने हेतु लकड़ी आदि का संग्रहण शासकीय वनभूमि से नहीं किया जायेगा।
- (11) सूर्योत्स के परधान कोई कार्य नहीं किया जायेगा।
- (12) समग्र समय पर स्थानीय पीछे एवं जंतुओं के संरक्षण व विकास के लिये शासन की पूर्व अनुमति प्राप्त कर कोई नई शर्त लगाने के लिये अपोहस्ताक्षरकर्ता सहमत रहेंगे।
- (13) सड़क का उन्नयन कार्य के कारण यदि वनक्षेत्र में कोई नुकसान होता है तो कार्यान्वित करने वाली एजेंसी परियोजना लगत पर ऐसे नुकसान की भरपाई करेगी। नुकसान का निर्धारण संबंधित क्षेत्रीय वनमण्डलधिकारी द्वारा किया जायेगा।
- (14) इस उन्नयित की गई सड़क पर अथवा उन्नयन के अधीन सड़क पर स्थायी चेकपोस्ट उपयुक्त स्थानों पर शासन की पूर्व अनुमति प्राप्त कर लगाये जायेगे।
- (15) यदि आवेदक संस्थान अथवा एजेंसी द्वारा किसी शर्त का उल्लंघन किया जाता है तो यह स्वीकृति स्वमेव निरस्त मानी जायेगी तथा संस्थान अथवा एजेंसी के विरुद्ध वन (संरक्षण) अधिनियम 1980 के प्रावधानों के तहत नियमानुसार कार्यवाही की जायेगी।

- (16) स्वीकृति दिनांक से 01 वर्ष की समयावधि तक कार्य शुरू न करने की स्थिति में स्वीकृति निरस्त योग्य होगी। उपरोक्त 1 से 16 तक की शर्तों के पालन बाबत वचन पत्र इस कार्यालय में प्रस्तुत करें। वचन पत्र प्राप्त होने के उपरान्त ही मार्ग उन्नयन कार्य करने की औपचारिक स्वीकृति जारी की जावेगी।

पु.क्र./मा.चि./2018/ 6732

प्रतिलिपि:-

- 1-अपर प्रधान मुख्य वनसंरक्षक (भू-प्रबंध) सतपुड़ा भवन म.प्र. भोपाल की ओर सूचनार्थ सम्प्रेषित।
- 2- मुख्य वन संरक्षक, बैतूल जिला, बैतूल की ओर सूचनार्थ सम्प्रेषित।
- 3- कलेक्टर, जिला बैतूल की ओर सूचनार्थ प्रेषित।
- 4- उपवनमंडलधिकारी शाहपुर (सा.) / परिशिष्ट अधिकारी शाहपुर (सा.) की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु अवैधित कर लेख है कि अंतिम औपचारिक स्वीकृति के पूर्व अवैधित क्षेत्र पर उन्नयन कार्य न हो सके।

वनमंडलधिकारी

उत्तर बैतूल (सा.) वनमंडल  
बैतूल दिनांक/21/8/18

वनमंडलधिकारी

उत्तर बैतूल (सा.) वनमंडल

## ANNEXURE-IV: FEW SAMPLE COPIES OF VALID LABOUR LICENSE AND WORKMEN INSURANCE OBTAINED FOR THE SUB-PROJECTS

**CONTRACT LABOUR (REGULATION AND ABOLITION) M.P. RULES, 1973**  
**FORM VI**  
 [See Rule 25 (1)]  
**GOVERNMENT OF MADHYA PRADESH**  
**Office of Licensing Officer**  
**REWA**

Licence No. : 42282 Date: 20/04/2021 Fee paid Rs: 60

**LICENCE**

Licence is hereby granted to RAMSAJIAN SHUKLA, VILLAGE POST SIRMOUR TEHSIL SIRMOUR REWA MP specified in Annexure.

The licence shall remain in force till 31/10/2021

Principal Employer  
 Address of PE  
 Nature of Work  
 No of Labour Engaged by the Contractor  
 Security Amount Deposited

MP RURAL ROAD DEVELOPMENT AUTHORITY PIU-L REWA  
 OFFICE OF THE GENERAL MANAGER, MP RURAL ROAD DEVELOPMENT AUTHORITY  
 PIU-L REWA  
 ROAD CONSTRUCTION  
 20  
 4000

Signature and seal  
 (Licensing Officer)

**ANNEXURE**

The licence is subject to the following conditions:-

1. The licence shall be non-transferable.
2. The number of workmen employed as contract labour in the establishment shall not, on any day, exceed 25.
3. Except as provided in the rules the fees, paid for the grant, or as the case may be, for renewal of the licence shall be non-refundable.
4. The rates or wages payable to the workmen by the contractor shall not be less than the rates prescribed for the Schedule of employment under the Minimum Wages Act, 1948, where applicable, and where the rates have been fixed by agreement, settlement or award, not less than the rates fixed.
5. In cases where the workmen employed by the contractor perform the same or similar kind of work as the workmen directly employed by the principal employer of the establishment, the wage rates, holidays, hours of work and other conditions of service of the workmen of the contractor, shall be the same as applicable to the workmen directly employed by the principal employer of the establishment on the same or similar kind of work.
  1. Provided that in the case of any disagreement with regard to the type of work the same shall be decided by the Labour Commissioner whose decision shall be final.
6. In other cases the wage rates, holidays, hours of work and conditions of service of the workmen of the Contractor shall be such as may be specified in this behalf by the Labour Commissioner.
7. In every establishment where 20 or more women are ordinarily employed as contract labour there shall be provided 2 rooms of reasonable dimensions for the use of the children under the age of six years. One of such rooms would be used as play room for the children and the other as bed room for the children. For this purpose the contractor shall supply adequate number of toys and games in the play room and sufficient number of cots and bedding in the sleeping room. The standard of construction and maintenance of the creches may be such as may be specified in this behalf by the Labour Commissioner.
8. The licensee shall notify any change in the number of workmen or the conditions of work to the Licensing Officer.

Signature valid  
 Digitally signed by  
 LICENSING OFFICER, REWA  
 DN: cn=Licensing Officer, ou=MP  
 17.04.2021 11:26  
 Reason: I am a Sign  
 Location: MP

This certificate is accepted across all the departments and can be validated online on [www.labour.mp.gov.in](http://www.labour.mp.gov.in)  
 Receipts / certificates / renewals generated from <http://shramsewa.mp.gov.in> are valid and does not require physical signatures / authorization, the certificate can be validated online from <http://shramsewa.mp.gov.in>.

General Insurance  
SHRIRAM GENERAL INSURANCE COMPANY LTD

### CONTRACTORS ALL RISK POLICY SCHEDULE

Contractors All Risk Policy - 10% per annum premium - 10% per annum premium - 10% per annum premium

Policy No.	214018/44/15000054		
Cover Note No.	EN0853		
Insured's Code	105250001	Cover Note Dt.	10/06/2020
Insured's Name	M/S RUTU ENTERPRISES - GSTIN No. - 27AMGPM9998K123	Issuing Office Code	214210
Address	F-113 TO 115 1st FLOOR PARMAR TRADE CENTER SADHU WASWANE CHOWK PUNE (MH)	Issuing Office Name	INDORE
		Address	A-10/102, ANMOL SPACES COMPLEX, 21, BAKUNTH DHAM, KHALARANA MAIN ROAD, INDORE, MADHYA PRADESH 452001
Tel./Fax/Email	900055432 / PUNE MAHARASHTRA 411001	Tel./Fax/Email	7412078260 / 7412078264 / 7412078265 / 90 / 1.sgl.indore@shriramgi.com
Div. Office	IND0000003672	Agent Details	/ / Contact No.
Period of Insurance	From 00:00 on 16/06/2020 To Midnight of 15/06/2021		
Gross Premium	40,374	STax	0
		GST - 08%	0
		Cats	0
		Total	58,261

#### RISK DETAILS

Gen. of Erection & Description of the Project	Road construction in Plain area ( Package No- MP-22605) 1) MAHESHWAR TO KARHI VIA METWADA-BABLAJ 35.65 Km
CRESTA Zone	KHARGONE MADHYA PRADESH - 451001 IND 23
Excavation %	0
Maintenance Period (in Month(s))	60

#### Section I - Material Damage

Insured Name	Sum Insured
1. Contractworks (Permanent and Temporary works including all materials to be incorporated therein) -	
1.1 Contract price	10,64,63,127
1.2 Materials or items supplied by the Principal	
2. Any other works, & installations not included in 1.1 and 1.2 above (eg camp, oiling, stores etc as per list enclosed)	
3. Construction Plant & Machinery (Memo. 6) (as per list enclosed)	0
4. Expenses (on First loss Indemnity basis) -	
4.1 Express Freight, Overtime (Memo 5)	0
4.2 Principal's Surrounding Property (Memo 7)	0
4.3 Debris Removal (of Insured property)	0
4.4 Third Party Liability Cover	10,00,000
4.5 Maintenance Visit Cover	16,64,63,127

#### Section II - Third Party Liability

1. Limit of indemnity in respect of any one accident or series of accidents arising out of one event.	
2. Limit of Section II during policy period.	
ADA:	2,50,000
AOY:	10,00,000

For and on behalf of  
SHRIRAM GENERAL INSURANCE COMPANY LTD


Note - Claim settlement after 48 hours will be considered as delayed settlement

All amounts in this policy are in Indian Rupees

Page 1 of 2

## ANNEXURE-V: A SAMPLE COPY OF CONSENT TO OPERATE (CTO) OBTAINED FOR CONSTRUCTION PLANTS (HMP, CRUSHER PLANTS)

**Plant**



### Consent Order

AGP Pollution Control Board - Guna  
Tanker Parking Area, GAIL Complex, Vijaypur,  
Dist.: GUNA  
Tele : 97544-274099

RED-EMAIL

NO: /MP/PCB/GUN  
Outward No:13785,17/10/2019

CTO-Fresh

CONSENT NO: \*\*\*

PCB ID: 136516

Dated: 15/10/2019  
Consent No:CTO-78632

To,

**M/S. RADHE SHYAM SONDIHYA (HOT MIX PLANT) RAJGARH,**  
S.NO. 53/113, AREA 2.00 HEC,  
VILL-BAPCHI, TEHSIL- BHADRA DISTT RAJGARH,

Subject: Grant of Consent to Establish under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

Ref: Your Consent to Establish Application Receipt No. 871621 Dt. 11/10/2019 and last communication received on Dt.

Without prejudice to the powers of this Board under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants Consent to Establish for setting up of an industrial plant/activities at VILL-BAPCHI, TEHSIL- BHADRA DISTT RAJGARH, Phone No. 9926415940

**SUBJECT TO THE FOLLOWING CONDITIONS:-**

- Location: S.NO. 53/113, AREA 2.00 HEC, VILL-BAPCHI, TEHSIL- BHADRA DISTT RAJGARH, Contact No. 9926415940
- The capital investment in lakhs: Rs. 40
- Product & Production Capacity:

PRODUCT	PER ANNUM PRODUCTION CAPACITY
HOT MIX PLANT	15000 CUM (TWENTY FIVE THOUSAND CUBIC METERS)

Note:- 1. For any change in above industry shall obtain fresh consent from the board.

The consent (for operation) as required shall be granted to your industry after fulfillment of all the conditions mentioned above. For this purpose you shall have to make an application to this Board in the prescribed pro forma at least two months before the expected date of commissioning of your industry. The applicant shall not operate the unit without obtaining consent for operation from the Board and shall not bring in to use any unit for the discharge of effluent and gaseous emission.

Enclosures:-

- \* Conditions under Water Act
- \* Conditions under Air Act
- \* General conditions

*Signed*

Signed On 17/10/2019 18:07:43  
(Depends Authentication as Aadhaar from UIDAI Server)  
TPAVS-CHREB104IN

*Netrapal Singh*

**NETRAPAL SINGH**  
Regional Officer

Page: 1 / 1





## Consent Order

M.P. Pollution Control Board - Guna  
Tanker Parking Area, GAIL Complex, Vijayapur,  
Dist : GUJARA  
Tale : 07544-374999

### CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974 :-

1. The daily quantity of trade effluent which fall of the unit shall not exceed 0.000 KL/day, and the daily quantity of sewage at out fall of the unit shall not exceed 0.000 KL/day.

#### 2. Trade Effluent Treatment:-

The applicant shall provide comprehensive effluent treatment system as per the proposal submitted to the Board and maintain the same properly to achieve following standards:-

pH	Between	5.5 - 9.0	TDS	Not exceed	2500 mg/l
Suspended Solids	Not exceed	100 mg/l	Chlorides	Not exceed	1000 mg/l
BOD 3 Days 20°C	Not exceed	50 mg/l			
COD	Not exceed	250 mg/l			
Oil and grease	Not exceed	10 mg/l			

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

3. Sewage Treatment :- The applicant shall provide comprehensive sewage treatment system as per the proposal submitted to the Board and maintain the same properly to achieve following standards:-

pH	Between	5.5 - 9.0
Suspended Solids	Not exceed	100 mg/l
BOD 3 Days 20°C	Not exceed	50 mg/l
COD	Not exceed	250 mg/l
Oil and grease	Not exceed	10 mg/l

Sr.	Water Code (Qty in KLpd - Kilo Litre per Day)	WC : 3,000	WWG : 0.200	Water Source	Remark
1	Domestic Purpose	1,000	0.300	Tankers	
2	Plant Supervision	2,000	0.000	Tankers	

4. The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt development/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.

5. Any change in production capacity, process, raw material used etc. and for any enhancement of the above prior permission of the Board shall be obtained. All authorized discharges shall be consistent with terms and conditions of this consent. Facility expansions, production increases or process modifications which result new or increased discharges of pollutants must be reported by submission of a fresh consent application for prior permission of the Board.

#### 6. Compilation of Monitoring data:-

i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.

ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.

iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through NGN the same to the Board.

#### 7. Recording of Monitoring Activities & Results:-

i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.

ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:-

- The date, exact place and time of sampling
- The dates on which analysis were performed
- Who performed the analysis?
- The analytical techniques or methods used and
- The result of all required analysis

iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such

This Consent generated from egs mp ms, it is not valid and does not require physical signatures, the certificate can be validated online from egs mp ms by using "PDF" function

Page 2 / 3

Consent No:CTE-70632



## Consent Order

M.P. Pollution Control Board - GUNA  
Tanker Parking Area, GAIL Complex, Vijaypur,  
386401 : GUNA  
Tele : 07544-274098

monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.

iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart recording continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

### 8. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.

### 9. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

### 10. Limitation of visible floating solids and foam:

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

### 11. Disposal of Collected Solid waste/sludge:-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And other Solids Sludges, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water. Any live fish, Shell fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to waters body habitat.

### 12. Provision for Electric Power Failure:-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

### 13. Prohibition of By-pass system of treatment facilities:-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except:

- where unavoidable to prevent loss of life or severe property damage, or
- Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

14. Industry/Institute/mine management shall submit the information online through XGN in reference to compliance of consent conditions.

Additional Water condition:- if any:-



## Consent Order

M.P. Pollution Control Board - Guna  
Tanker Parking Area, GAIL Complex, Vijaypur,  
Dist : GUNA  
Tele : 07544-274098

### CONDITIONS PERTAINING TO AIR PREVENTION & CONTROL OF POLLUTION ACT 1981 :-

1. The applicant shall provide comprehensive air pollution control system consisting of control equipments as per the proposal submitted to the Board with reference to generation of emission and same shall be operated & maintained continuously so as to achieve the level of pollutants to the following standards:-

Name of action	Control equipment to be installed	PM, SO <sub>2</sub> , NO <sub>x</sub> (µg/NM <sup>3</sup> )
Green Chasing	Green Belt, Screen Cover, Water Sprinkler, Metalled road, Boundary wall surrounding crusher	SPM 600 MICROGRAM/M <sup>3</sup>

2. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis. The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/99. Some of the parameters are as follows:

- Particulate Matter (less than 10 micron) - 100 µg/m<sup>3</sup> (PM10 µg/m<sup>3</sup> 24 hrs. basis)
- Particulate Matter (less than 2.5 micron) - 60 µg/m<sup>3</sup> (PM2.5 µg/m<sup>3</sup> 24 hrs. basis)
- Sulphur Dioxide [SO<sub>2</sub>] (24 hrs. Basis) - 80 µg/m<sup>3</sup>
- Nitrogen Oxides [NO<sub>x</sub>] (24 hrs. Basis) - 80 µg/m<sup>3</sup>
- Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m<sup>3</sup>

3. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.


4. The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.

5. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.

6. Industry shall take effective steps for extensive tree plantation at least in 60 rows of the local tree species with minimum spacing of 4X4 meter within or around the industry/unit premises for general improvement of environmental conditions and as stated in additional condition

Additional Air condition:- (If any)

2:



## Consent Order

**M.P. Pollution Control Board - GUNA**  
**Tanker Parking Area, G.A.H. Complex, Vijaypur,**  
**Jabalpur - 481001**  
**Dist : GUNA**  
**Tele : 07544-274099**

---

**GENERAL CONDITIONS:**

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:
  - a. To inspect raw material stock, manufacturing processes, reactions, premises etc to perform the functions of the Board.
  - b. To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
  - c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
  - d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent; or,
  - e. To sample at reasonable times any discharge or pollutants.
3. This consent/authorization is transferable, in case of change of ownership/management and addresses of new Owner/partner/Director/proprietor should immediately apply for the same.
4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorize any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
5. Industry shall install separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month.
6. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and other Waste (Management & Transboundary movement) Rules 2016 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per these Act / Rules.
7. Balance consent/authorization fee, if any shall be recoverable by the Board even at a later date.
8. The applicant shall submit such information, forms and fees as required by the board not later than 180 day prior to the date of expiration of this consent/authorization.
9. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 35(g) of the Air Act.
10. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following:
  - (a) Violation of any terms and conditions of this Consent.
  - (b) Obtaining this Consent by misrepresentation or failure to disclose fully all relevant facts.
  - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
11. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.

**Additional condition: If any:**

**Signature**  
Digitally signed by [Name] DN: cn=  
 e-Signed On 17/10/2019 11:07:43  
 (Organic Authentication via Aadhaar from UIDAI Server)  
 ID: [ID]

For and on behalf of  
**M.P. Pollution Control Board**

**Signature**  
**NETRAJAL SINGH**  
 Regional Officer  
 Page 5 of 5

Consent No:CTE-70632

## ANNEXURE-VI: ENVIRONMENTAL CLEARANCE COPY OBTAINED FROM THE RESPECTIVE SEIAA FOR STONE QUARRY



**राष्ट्रिय पर्यावरण  
संरक्षण प्राधिकरण**

**State Environment Impact Assessment Authority, M.P.  
(Government of India, Ministry of Environment & Forests)**

Environmental Planning & Coordination Organization  
Paryavaran Parisar, E-5, Arera Colony  
Bhopal-462016

visit us <http://www.mpseiaa.nic.in>  
Tel: 0755-2466970, 2466859  
Fax : 0755-2462136

No: 2244 / SEIAA /14  
Date: 24-11-14

To,

Shri Praveen Kumar Jain  
R/o Village Banapura, Tehsil Seoni Malwa,  
District Hoshangabad (MP)-461223.

**Sub:- Case No. 1781/14 - Prior Environmental Clearance for Metal Stone Quarry in an area of 0.710 ha. for production capacity 4,560 cum/year at Khasra No. 25/2 at Village Sota Chikhli, Tehsil Seoni Malwa, District Hoshangabad, MP by Shri Praveen Kumar Jain R/o Village Banapura, Tehsil Seoni Malwa, District Hoshangabad (MP)-461223.**

This has reference to your letter received in SEIAA office on 12.09.2014 and subsequent letters seeking Prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form - I, Appendix-1 Mining Plan & EMP, the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- ii. There is no National Park/Sanctuary and interstate boundary within 10 Km radius. There is no human settlement /water body within 500 m. from mining site. The nearest forest boundary is 325 m from mining site.  
The Metal Stone Quarry project is for production capacity of 4,560 cum per year. The proposed mining lease period is for ten years. The mining will be carried out by Open cast manual / semi mechanized method.
- iii. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14<sup>th</sup> September 2006.
- iv. Based on the information submitted, as at Para (iii) above and others the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 158<sup>th</sup> meeting dtd. 25.10.2014 and decided to accept the recommendations of 152<sup>nd</sup> SEAC meeting dtd. 20.10.2014.

Hence, Prior Environmental Clearance is granted for Metal Stone Quarry (Opencast manual /semi mechanized method) in an area of 0.710 ha. for production capacity 4,560 cum/year at Khasra No. 25/2 at Village Sota Chikhli, Tehsil Seoni Malwa, District Hoshangabad, MP for lease period of 10 years by Shri Praveen Kumar Jain R/o Village Banapura, Tehsil Seoni Malwa, District Hoshangabad (MP)-461223; subject to the compliance of the Standard Conditions enclosed at Annex-4 and the following additional specific conditions as recommended by SEIAA & SEAC.

1. PP shall not start mining activity before execution of lease agreement.

1 of 2

2. The average depth of the pit shall not exceed 6.0 m. at the end of lease period.
3. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
4. Collector should ensure that mining should not be operated within 250m distance from forest boundary.
5. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
6. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
7. Air pollution control measures for crusher have to be installed as per the recommendation of MPPCB.
8. Transportation of material shall be done in covered vehicles.
9. Curtaining of site shall be done using appropriate media.
10. The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
11. Transportation shall not be carried out through forest area.
12. PP shall take CSR activities in the region through the 'Gram Panchayat'.

Encl: Annex-1

(Ajatshatru Shrivastava)  
Member Secretary

Encl No. / SEIAA/14 Dated:

Copy to:-

1. Principal Secretary, Department of Environment, Government of Madhya Pradesh, Mantralaya, Bhopal.
2. Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016
3. Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016
4. Collector, District Hoshangabad, M. P.
5. Divisional Forest Officer, District Hoshangabad, M. P.
6. I.A. Division, Monitoring Cell, MoEF, GoI, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi- 110 003
7. Director (S), Regional office of the MOEF, Western Region, Kendriya Paryavaran Bhawan, Link Road No. 3 Ravi Shankar Nagar, Bhopal-462016
8. Director, Geology & Mining, Madhya Pradesh, 29-A, Khanij Bhawan, Arera Hills, Bhopal - 462002.
9. District Mining Officer, District Hoshangabad, M. P.
10. Guard file

Encl: Annex-1

(Dr U.M. Shukla)  
Officer-in-Charge

2 of 2

## ANNEXURE-VII: A PERMISSION COPY OBTAINED FOR WATER USE

## निजी जल के उपयोग सम्बन्धी अनुमति पत्र

प्रधानमंत्री ग्राम सड़क परियोजना जिला - बड़वानी, मध्यप्रदेश (पैकेज क्रमांक- एम.पी. 02 - 602) की प्रस्तावित सड़क भमोरी-साकड़-हरीबड़-सुराना रोड लम्बाई 6.46 की.मी. के ठेकेदार मेसर्स पी.सी. यादव को सड़क निर्माण के लिये श्रीमान देविलाल वास्कले के निजी जल स्रोत द्यूबवेल-साकड़ गाँव से जल के उपयोग भी अनुमति दी जाती है, जिसके लिये ठेकेदार द्वारा जल स्रोत स्वामी को राशि रुपये 25200/- प्रति माह देय की जा रही है।

धन्यवाद

ठेकेदार का नाम मेसर्स पी.सी. यादव निजी जल स्रोत स्वामी का नाम श्री देविलाल वास्कले

M/S. PC YADAV

ठेकेदार के हस्ताक्षर

  
PARTNER

निजी जल स्रोत स्वामी के हस्ताक्षर

  
देविलाल

दिनांक 06/03/2018

दिनांक 06/03/2018



## ANNEXURE-VIII: A COPY OF GRC INFORMATION PAMPHLET, MEMBER LIST AND GRC REGISTER

**प्रधानमंत्री ग्रामीण सड़क निर्माण सहयोग / समस्या निवारण समिति**

**निर्माण सहयोग/समस्या निवारण समिति क्यों**

- प्रधानमंत्री ग्राम सड़क योजना के अन्तर्गत आपके गांव में निर्माण सहयोग/समस्या निवारण समिति का गठन इस विश्वास के साथ किया गया है कि-
  - सड़क लोगों की बहुत बड़ी आवश्यकता है और उसके निर्माण, उपयोग व रखरखाव की प्राथमिक जिम्मेदारी लोगों की है और उसमें लोगों का सक्रिय जुड़ाव बेहतर परिणाम लाता है।
  - जब लोग स्वयं अपनी समस्याओं को हल करने के लिए एक साथ जुटते हैं तो ऐसी समस्याओं का निपटारा समुदाय के सभी लोगों के हित में होता है।
  - जिन लोगों की समस्या है यदि वे स्वयं उसका निपटारा करने की पहल करते हैं तो उसका क्रियान्वयन जन उपयोगी होता है।
  - स्थानीय समस्याओं का बेहतर निराकरण स्थानीय लोगों के पास ही होता है।

**निर्माण सहयोग/समस्या निवारण समिति के कार्य**

**सड़क निर्माण के पूर्व**

- सड़क निर्माण में उपयोग की जाने वाली सामग्री तथा उपकरणों के भंडारण के लिए समुचित स्थान की पहचान करने में मदद करना।
- सड़क-निर्माण मजदूरों के लिए श्रम-शिविरों का स्थान निश्चित करने में मदद करना।
- ग्राम सभा की बैठक के दौरान लोगों के सुझावों का समायोजन करना तथा जिला क्रियान्वयन इकाई से परामर्श करना।
- समुदाय के सुझावों पर जिला क्रियान्वयन इकाई की तकनीकी सहमति के साथ उसके क्रियान्वयन के लिए दबाव बनाना।

**सड़क निर्माण के दौरान**

- सड़क निर्माण के लिए आवश्यक जल व्यवस्था के लिए वैकल्पिक स्रोतों की पहचान करना।
- सड़क निर्माण में शामिल मजदूरों व उनके बच्चों के लिए स्वास्थ्य, शिक्षा का लाभ दिलाने में मदद करना।
- सड़क निर्माण में गुणवत्तापूर्ण कार्य के लिए सहयोग करना।
- सामूहिक सहमति से सिंचाई हेतु जल निकासी पाइप आदि के स्थानों पर जिला क्रियान्वयन इकाई व ठेकेदार द्वारा व्यवस्था करवाना।
- सड़क निर्माण कार्यों के सहज क्रियान्वयन में मदद करना।
- निर्माण के दौरान उठने वाले सभी प्रकार के सुझावों/विवादों का जिला क्रियान्वयन इकाई के साथ मिलकर यथाचित निपटारा करना।

**सड़क निर्माण के पश्चात्**

- सड़क निर्माण के दौरान निर्मित श्रम-शिविरों तथा भंडारण स्थानों का समुचित विस्थापन व निस्तारण सुनिश्चित करना।
- सड़क के रख रखाव के लिए निर्धारित मानकों के अनुपालन हेतु परियोजना क्रियान्वयन इकाई से नियमित सम्पर्क स्थापित करना।
- पर्यावरण को नुकसान पहुँचाने वाले तत्वों के निस्तारण की समुचित व्यवस्था सुनिश्चित करना।
- सड़क के किनारे (शोल्डर) पर बागडू, फेंसिंग, कचरा कुड़ा, गंदा पानी इकट्ठा न करें व लोगों को ऐसा करने से रोकें। यह सड़कों की सफाई के साथ लोगों के स्वास्थ्य के लिए भी आवश्यक है।
- लोगों को प्रेरित करें कि वे सड़क के किनारे शोल्डर पर निर्माण सामग्री, फसल आदि का भंडारण न करें।
- सड़क पर एवं किनारे शोल्डर पर पशुओं को न बाँधा जाए।
- लोगों को जिम्मेदार बनायें कि वे मार्ग पर यातायात हेतु लगाए गए सूचना बोर्ड, चेतावनी बोर्ड, गार्ड स्टोन, किलोमीटर बोर्ड आदि सम्पत्तियों की सुरक्षा एवं क्षतिपूर्ति होने से बचाएं।
- सड़क के किनारे या सामूहिक सहमति से उपयुक्त स्थानों पर वृक्षारोपण सुनिश्चित करना।
- सड़क के रखरखाव के लिए ग्राम सभा को निर्णय लेने व उसके पालन के लिए प्रेरित करना।

**निर्माण सहयोग/समस्या निवारण समिति के सदस्य**

- अध्यक्ष : .....
- सचिव : .....
- सदस्य : .....
- सदस्य : .....
- सदस्य : .....
- सदस्य : .....



## समस्या निवारण समिति

प्रधानमंत्री ग्राम सड़क योजना के अन्तर्गत प्रस्तावित कैतेरबेरी NH-86 से पुल्लेरी सड़क के निर्माण को लेकर संबंधित ग्राम पंचायत पुल्लेरी के गांव में दिनांक 28/10/2020 को ग्राम सभा की बैठक सम्पन्न हुई। सड़क निर्माण का कार्य सुगम व विवाद रहित तरीके से हो सकें, इसके लिए ग्राम सभा में सर्वसम्मति से समस्या निवारण समिति के गठन के सुझाव के प्रति सहमति जताई तथा निम्नांकित पांच व्यक्तियों को समिति सदस्य के रूप में मनोनीत किया।

1. अध्यक्ष - पेरियत किर्ग लेखी (सरपंच) - 7085358756
2. सचिव - शानकमल माल्की - (अधीन) - 9707887000
3. सदस्य - कांत सेन एल्लेरी -
4. सदस्य - मार्जन सेन (पुल्लेरी)
5. सदस्य - हरि प्रसाद (पुल्लेरी)

### सदस्यता की शर्तें

- (i) समिति में सदस्यों को अधिकतम संख्या पांच होनी एवं संबंधित ग्राम पंचायत का सरपंच इस समिति का पदेन अध्यक्ष होगा।
- (ii) समिति में कम से कम दो महिला के रूप में आगंतुकी कार्यकर्ता/ए.ए.एच./अध्यक्ष का चयन किया जा सकता है।
- (iii) जहाँ तक संभव हो सके, इस समिति में पंचायत समितियों के समितित सदस्यों में से किसी एक सदस्य अपना स्थानीय स्कूल को प्रशिक्षण के रूप में शामिल किया जा सकता है।
- (iv) समुदाय चाहें तो गांव के किसी अन्य व्यक्ति को भी समिति-सदस्य के रूप में शामिल कर सकता है।

### समिति के कार्य

#### सड़क निर्माण के पूर्व

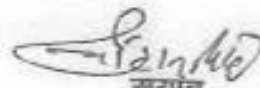
- (i) क्षेत्र में सड़क निर्माण हेतु दान की गई जमीन का नामांतरण सुनिश्चित करना।
- (ii) सड़क निर्माण में उपयोग की जाने वाली मिट्टी के स्रोतों की पहचान करना।
- (iii) सड़क निर्माण में उपयोग की जाने वाली सामग्री तथा उपकरणों के भंडारण से लिए समुचित स्थान की पहचान करना।
- (iv) सड़क निर्माण मजदूरी देने के लिए श्रम-शिविरों का स्थान निर्धारित करना।

#### सड़क निर्माण के दौरान

- (i) सड़क निर्माण के लिए आवश्यक जल व्यवस्था के लिए वैकल्पिक स्रोतों की पहचान करना।
- (ii) सड़क निर्माण से स्थानीय मजदूरों जिनमें महिलाओं में अविवाद रूप से शामिल होनी की प्राप्ति सुनिश्चित करना।
- (iii) सड़क निर्माण

#### सड़क निर्माण के पश्चात

- (i) सड़क निर्माण के दौरान निर्मित श्रम-शिविरों तथा भंडारण स्थलों का समुचित विस्थापन व निरुपकरण सुनिश्चित करना।
- (ii) सड़क के रख रखाव के लिए निर्धारित मानकों के अनुपालन हेतु परियोजना क्रियान्वयन इकाई से नियमित संपर्क स्थापित करना।
- (iii) पर्यावरण को नुकसान पहुंचाने वाले तत्वों के निस्तारण की समुचित व्यवस्था सुनिश्चित करना।

  
सरपंच

ग्राम पंचायत पालकी  
जनपद पंचायत विदिशा

**SRCIP,  
Tranche-II  
(Loan no. 3703)**

**GRC Register**

**PIC (ADB)-  
Infrastructure  
Development Consultant,  
Bhopal**

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मध्य प्रदेश ग्रामीण सड़क विकास प्राधिकरण (एमपीग्रामआरडीए)										
GRC Register, Tranche II, Loan no. 3703										
S/N	District	PU	BLOCK	Road Name	Road Length	Gram Panchayat	GRC			
							Name	M/F	Members	Mobile Numbers
1	Alirajpur	Alirajpur	Alirajpur	MLD1-Alirajpur-Methwas Road to Bakheda/Baddala	7.25	Bakheda	Sr. I. Gori bai	Female	Sarpanch	
							Mr. Kaly singh	Male	Sachiv	
							Smt. Badi bai	Female	Members	
							Mr. Gajendra singh	Male	Members	
							Mr. Mahan singh	Male	Members	
						Baddala	Mr. Didi ji	Male	Sarpanch	
							Mr. Dandab singh	Male	Sachiv	
							Mr. Shyam singh	Male	Members	
							Mr. Mahesh ji	Male	Members	
							Mr. Amar singh	Male	Members	
2	Alirajpur	Alirajpur	Bakheda	MLD1-Chhatpala to Baxer	8	Baxer	Smt. Sachita Mahwar	Female	Sarpanch	
							Mr. Rajesh wankar	Male	Sachiv	
							Mr. Galiya baghel	Male	Members	
							Mr. Baxer	Male	Members	
							Mr. Mahan singh	Male	Members	
						Baxer	Miss Rajal wariya	Female	Sarpanch	
							Mr. Shrawan singh	Male	Sachiv	
							Mr. ram singh ji	Male	Members	
							Mr. Shankar Lal	Male	Members	
							Mr. Dayalal panchal	Male	Members	
3	Alirajpur	Alirajpur	Baddala	T02-Unrai Baddala Wajpur to	24.25	Unrai	Smt. Hingli bai	Female	Sarpanch	8848877115
							Mr. Taksar singh	Male	Sachiv	
							Mr. Ram singh	Male	Members	
							Mr. Shankar	Male	Members	
							Smt. Kaarti bai	Female	Members	
							Mr. Balashya bai	Male	Members	
						Unrai	Smt. Jyoti bai	Female	Sarpanch	873278005
							Mr. Mahan singh	Male	Sachiv	
							Mr. Kishu patel	Male	Members	
							Mr. Rajesh	Male	Members	

							Mr. Kallash	Male	Members	
							Mr. Vika kanchhi	Male	Members	
							Mr. Ram singh	Male	Members	
							Mr. Kamlesh Pathak	Male	Members	
						Baxer	Smt. Hajari bai khori	Female	Sarpanch	
							Mr. Jashya wankar	Male	Sachiv	
							Mr. Padam singh	Male	Members	
							Mr. Jayprakash singh	Male	Members	
							Mr. Guman singh	Male	Members	
						Fadhela	Mr. Mahesh ram singh	Male	Sarpanch	
							Mr. Mahesh singh	Male	Sachiv	
							Mr. Mahesh singh	Male	Members	
							Mr. Guman singh	Male	Members	
							Mr. Shadu singh	Male	Members	
						Bakheda	Smt. Rachana	Female	Sarpanch	8134888915
							Mr. Ram singh wankar	Male	Sachiv	
							Mr. Magan singh	Male	Members	
							Mr. Ram singh	Male	Members	
							Mr. Shour singh	Male	Members	
2	Balaghat	Balaghat	Balaghat	T22-Maharawal To Hatha	4.52	Maharawal	Mr. Manoj singh	Male	Sarpanch	8827483420
							Smt. Sacha shal	Female	Sachiv	9891811134
							Mr. Mahendra kisan	Male	Members	
							Mr. Ganpat Lal	Male	Members	
							Mr. Ghanshyam	Male	Members	
							Smt. Sachita Shrivastava	Female	Sarpanch	9891736108
							Mr. Shrivastava kumar	Male	Sachiv	7887134108
							Mr. Shrivastava kumar	Male	Members	
							Smt. Phoolvati	Female	Members	
							Smt. Kashi bai	Female	Members	
							Smt. Shanti Bai	Female	Sarpanch	7224888488
							Mr. Kripal singh	Male	Sachiv	9878728873
							Mr. Mahesh	Male	Members	
							Mr. Jitendra	Male	Members	
							Smt. Mala Shrivastava	Female	Members	
						Farak	Mr. Harish chandra	Male	Sarpanch	9548888847
							Mr. Shrivastava	Male	Sachiv	