

## Section 8: Particular Conditions of Contract

The following Particular Conditions of Contract (PCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

### Part A – Contract Data

Ref. GCC	Subject	Data
1.1.2.2 and 1.3	Employer's name and address	Bihar State Road Development Corporation Ltd. RCD Mechanical Workshop Campus, (Near Patna Airport), Sheikhpura, Patna -800014, Bihar, INDIA
1.1.2.4 and 1.3	Engineer's name and address	To be notified later
1.1.2.11	Bank's name	Asian Development Bank (ADB)
1.1.2.12	Borrower's name	India
1.1.3.3	Time for completion	1095 days
1.1.3.7	Defects notification period	1095 days.
1.1.5.6	Sections	As defined in annexure-1 – Part A (Particular Conditions of Contract)
1.3	Electronic transmission systems	Facsimile and email
1.4	Governing law	The law of India
1.4	Ruling language	English
1.4	Language for communications	English
2.1	Time for access to the site	For each section Time for Access to site is defined as per Annexure-1 to part-A to Particular Conditions of Contract.
3.1(B)(ii)	Engineer's duties and authority	Variations resulting in an increase/ decrease in the Accepted Contract Amount shall require approval of the Employer.
4.2	Performance security	The performance security will be in the form of an unconditional bank guarantee in the amount of 5 % of the Accepted Contract Amount issued by a reputable bank located outside India, or a reputable local bank including scheduled or nationalized banks, in the format included in Section 9 (Contract Forms). If the institution issuing the security is located outside India, it shall have a correspondent financial institution located in India to make it enforceable. The

		<b>Performance Security shall be denominated in the currency/ies stated in the bid of the successful bidder.</b>
4.8 (b)	<b>Safety Procedures</b>	At the end, add the following: “In particular, the Contractor is responsible for providing site workers with safe and healthy working conditions and establish an operating system to prevent accidents, injuries, and disease.”
4.18	<b>Protection of the Environment</b>	<p>At the end add the following paragraphs:</p> <p>“ The Contractor shall comply with all applicable national, provincial, and local environmental laws and regulations.</p> <p>The Contractor shall also comply with all reasonable requests of the national and local authorities responsible for enforcing environmental controls.</p> <p>Within 28 days of the Commencement Date the Contractor shall submit a detailed Site Specific Environmental Management Plan (SSEMP) for the Engineer’s no objection showing how he/she intends to comply with environmental laws and regulations and other specific requirements prescribed in the Contract, addressing all the monitoring and mitigation measures set forth in the Environmental Impact Assessment (“EIA”) and the Environmental Management Plan (“EMP”) of the project attached in Section 6- Employer’s Requirements. Work shall not commence on the Site until the no objection of SSEMP has been obtained from the Engineer and is being implemented. Such acceptance by the Engineer shall not relieve the Contractor of any of his obligations or responsibilities under the Contract.</p> <p>The Contractor shall (a) establish an operational system for managing environmental impacts, (b) comply with the approved SSEMP and any corrective or preventative actions set out in safeguards monitoring reports that the Employer will prepare from time to time to monitor the implementation of the project EMP through the SSEMP, (c) allocate the budget required to ensure that such measures, requirements and actions are carried out, (d) submit semi-annual reports on the compliance of such measures to the Employer.</p> <p>Where unanticipated environmental risks or impacts become apparent during the Contract, the Contractor is required to update the SSEMP to outline the potential impacts to site works and associated mitigation measures for the Engineer’s approval.”</p>

6.5	<b>Normal working hours</b>	<b>8 hrs per day and 6 days a week (total of 48 hrs per week) as per Labor law of the Country.</b>
6.7	<b>Health and Safety</b>	<p>After the first paragraph, add the following:</p> <p>“ The Contractor is responsible for establishment of preventive and emergency preparedness and response measures to avoid, and where avoidance is not possible, to minimize, adverse impacts and risks of the construction site work to the health and safety of local communities.</p> <p>Within 28 days of the Commencement Date the Contractor shall submit a detailed Site Specific Health and Safety Management Plan (SSHSMP) for the Engineer’s no objection showing how he/she intends to comply with the local Health and Safety laws and regulations and other specific requirements prescribed in the Contract, taking into account the Supplementary Information in Section 6- Employer’s Requirements. Work shall not commence on the Site until the confirmation of no objection of the SSHSMP has been obtained from the Engineer and is being implemented. Such confirmation of no objection by the Engineer shall not relieve the Contractor of any of his/her obligations or responsibilities under the Contract.</p> <p>Where unanticipated health and safety hazards or risks become apparent during the Contract, the Contractor is required to update the SSHSMP to outline the potential impacts to site works and associated mitigation measures for the Engineer’s no objection.</p> <p>The Contractor shall comply with the approved SSHSMP and any corrective or preventative actions set out in safeguards monitoring reports that the Employer will prepare from time to time to monitor the implementation of the project EMP through the SSHSMP.</p> <p>In particular, the Contractor is required to provide all personnel on site including Employer’s Personnel and visitors with personal protective equipment, including protection for feet (safety boots), head, eyes, ears (safety helmets) and hands, etc. , in accordance with the Contractor’s SSHSMP. The Contractor should ensure that his Subcontractors comply with the SSHSMP and provide all such necessary equipment to their personnel.</p> <p>The Contractor shall bear the costs to ensure that such measures, requirements and actions are carried</p>

		<p>out.</p> <p>The Contractor shall submit semi-annual reports on the compliance of such measures to the Employer.”</p> <p>Add after the third paragraph the following:</p> <p>“In the event of a significant injury involving medical treatment or hospitalization and fatal accident the Contractor shall notify the Engineer immediately by verbal communication and submit a formal report as soon as practicable after its occurrence. For all accidents, whether fatal or not, the Contractor shall also notify the appropriate local authorities in accordance with the Laws of the Country.”</p>
6.25	<b>Respectful Work Environment</b>	<p>The following sentence shall apply:</p> <p>The Contractor shall ensure that its employees and Subcontractors observe the highest ethical standards and refrain from any form of bullying, discrimination, misconduct and harassment, including sexual harassment and shall, at all times, behave in a manner that creates an environment free of unethical behavior, bullying, misconduct and harassment, including sexual harassment. The Contractor shall take appropriate action against any employees or Subcontractors, including suspension or termination of employment or subcontract, if any form of unethical or inappropriate behavior is identified.</p> <p>The Contractor shall conduct training programs for its employees and Subcontractors to raise awareness on and prevent any form of bullying, discrimination, misconduct and harassment including sexual harassment, and to promote a respectful work environment. The Contractor shall keep an up-to-date record of its employees and Subcontractors who have attended and completed such training programs and provide such records to the Employer or the Engineer at their first written request.</p>
8.3	<b>Programme</b>	<p>Detailed Resource based work Programme be submitted in MS Project/ Primavera / Relevant Software within 28 days after receiving notice under subclause 8.1 of GCC. Whenever the previous programme becomes inconsistent with targeted financial progress under Annexure-1, Part-A (PCC), the contractor shall submit a revised Resource based time Programme in MS Project.</p>



8.7 and 14.15(b)	<b>Delay damages for the Works</b>	<b>0.05 %</b> of the Accepted Contract Amount per day, in the currencies and proportions in which the Contract Price is payable.  Delay damage imposed on the account of contractor's default shall be non-refundable.
8.7	<b>Maximum amount of delay damages</b>	10 % of the Accepted Contract Amount.
11.1	<b>Completion of Outstanding Work and Remedying Defects</b>	Notified Outstanding work shall be completed within 84 days after issuing of Taking Over Certificate by the Engineer.
13.5(b)(ii)	<b>Provisional Sums</b>	<b>13%</b>
13.8	<b>Adjustments for Changes in Cost</b>	The Contract Price <b>shall be adjustable</b> during Contract Execution.
14.1	<b>The Contract Price</b>	The following sentence under Clause 14.1 shall <u>not</u> apply:  <i>"Notwithstanding the provisions of sub-paragraph (b), Contractor's Equipment, including essential spare parts therefore, imported by the Contractor for the sole purpose of executing the Contract shall be exempt from the payment of import duties and taxes upon importation."</i>
14.2	<b>Total advance payment</b>	<b>10 (Ten) % , Percentage of the Accepted Contract Amount payable in the currencies and proportions in which the Accepted Contract Amount is payable</b>  <b>An interest free advance of 10 % (ten Percentage) in two equal installment of the Accepted Contract Amount in local currency, for mobilization. Second installment of the mobilization shall be released only after the submission of proof of full utilization of earlier received installment.**</b>
14.2(b)	<b>Repayment amortization of advance payment</b>	<b>12.5% (Twelve and Half Percent).</b> This payment will be totally adjusted prior to 90% of financial achievement or before the original completion time, otherwise interest @ applicable Bank rate +3% shall be imposed on the outstanding amount of mobilization advance.
14.3(c)	<b>Percentage of retention</b>	<b>6 (Six) % of IPC</b>
14.3(c)	<b>Limit of Retention Money</b>	<b>5 (Five) % of the Accepted Contract Amount.</b>
14.5(b)(i)	<b>Plant and Materials</b>	<b>Not applicable</b>

14.5(c)(i)		<b>Plant and Materials for payment when delivered to the Site: Materials Comprising of Steel, Cement, Aggregates, Sand, Bitumen and RCC Hume Pipes shall only be applicable.</b>
14.6	<b>Minimum Amount of Interim Payment Certificates</b>	<b>0.5% of Accepted Contract Amount</b>

**\*\*** Acceptable documents as a proof of full utilization of 1st installment shall be the purchase invoices of new equipments/machineries/plants and expenditure made towards establishment of camp and laboratory

15.2	<b>Termination by Employer</b>	<p>This sentence will apply as Subclause 15.2(g):</p> <p>(g) the Engineer gives two consecutive Notices to update the Program and accelerate the works to ensure compliance with Subclause 8.2 (Time for Completion) and the Contractor fails to update the Program and demonstrate acceleration of the works within a reasonable period of time determined by the Engineer;</p>
15.6	<b>Corrupt and Fraudulent Practices</b>	<p>The following sentence shall apply:</p> <p>For the purposes of this Subclause:</p> <p>ADB's Anticorruption Policy (1998, as amended to date) requires Borrowers (including beneficiaries of ADB-financed activity), as well as Contractors, Subcontractors, manufacturers, and Consultants under ADB-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, ADB</p> <p>(a) defines, for the purposes of this provision, the terms set forth below as follows:</p> <p>(i) "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;</p> <p>(ii) "fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;</p> <p>(iii) "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;</p> <p>(iv) "collusive practice" means an arrangement between two or more parties designed to</p>

		<p>achieve an improper purpose, including influencing improperly the actions of another party;</p> <p>(v) “abuse” means theft, waste, or improper use of assets related to ADB-related activity, either committed intentionally or through reckless disregard;</p> <p>(vi) “conflict of interest” means any situation in which a party has interests that could improperly influence that party’s performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations;</p> <p>(vii) “obstructive practice” means (a) deliberately destroying, falsifying, altering, or concealing of evidence material to an ADB investigation, or deliberately making false statements to investigators, with the intent to impede an ADB investigation; (b) threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to a Bank investigation or from pursuing the investigation; or (c) deliberate acts intended to impede the exercise of ADB’s contractual rights of audit or inspection or access to information; and</p> <p>(viii) “integrity violation” is any act, as defined under ADB’s Integrity Principles and Guidelines (2015, as amended from time to time), which violates ADB’s Anticorruption Policy, including (i) to (vii) above and the following: violations of ADB sanctions, retaliation against whistleblowers or witnesses, and other violations of ADB’s Anticorruption Policy, including failure to adhere to the highest ethical standard.</p> <p>(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations in competing for the Contract;</p> <p>(c) will cancel the portion of the financing allocated to a contract if it determines at any time that representatives of the borrower or of a beneficiary of ADB-financing engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations during the procurement or the execution of that contract, without the borrower having taken</p>
--	--	--

		<p>timely and appropriate action satisfactory to ADB to remedy the situation; and</p> <p>(d) will impose remedial actions on a firm or an individual, at any time, in accordance with ADB's Anticorruption Policy and Integrity Principles and Guidelines, including declaring ineligible, either indefinitely or for a stated period of time, to participate<sup>1</sup> in ADB-financed, -administered, or -supported activities or to benefit from an ADB-financed, -administered, or -supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations.</p> <p>All Bidders, consultants, contractors, suppliers and other third parties engaged or involved in ADB-related activities have a duty to cooperate fully in any screening or investigation when requested by ADB to do so. Such cooperation includes, but is not limited to, the following:</p> <p>(a) being available to be interviewed and replying fully and truthfully to all questions asked;</p> <p>(b) providing ADB with any items requested that are within the party's control including, but not limited to, documents and other physical objects;</p> <p>(c) upon written request by ADB, authorizing other related entities to release directly to ADB such information that is specifically and materially related, directly or indirectly, to the said entities or issues which are the subject of the investigation;</p> <p>(d) cooperating with all reasonable requests to search or physically inspect their person and/or work areas, including files, electronic databases, and personal property used on ADB activities, or that utilizes ADB's Information and Communications Technology (ICT) resources or systems (including mobile phones, personal electronic devices, and electronic storage devices such as external disk drives);</p> <p>(e) cooperating in any testing requested by ADB, including but not limited to, fingerprint identification, handwriting analysis, and physical examination and analysis; and</p> <p>(f) preserving and protecting confidentiality of all information discussed with, and as required by,</p>
--	--	--

<sup>1</sup>

Whether as a Contractor, Subcontractor, Consultant, Manufacturer or Supplier, or Service Provider; or in any other capacity (different names are used depending on the particular Bidding Document).

		<p>ADB.</p> <p>All Bidders, consultants, contractors and suppliers shall ensure that, in its contract with its sub-consultants, Subcontractors, and other third parties engaged or involved in ADB-related activities, such sub-consultants, Subcontractors, and other third parties similarly undertake the foregoing duty to cooperate fully in any screening or investigation when requested by ADB to do so.</p>
17.6	<b>Maximum total liability of the Contractor to the Employer</b>	The product of one time the Accepted Contract Amount.
18.1	<p><b>Periods for submission of insurance:</b></p> <p>(a) evidence of insurance.</p> <p>(b) relevant policies</p>	<p><b>14 days</b></p> <p><b>28 days</b></p>
18.2(d)	<b>Maximum amount of deductibles for insurance of the Employer's risks</b>	Nil
18.3	<b>Minimum amount of third party insurance</b>	<b>Rs. 500,000 (Five Hundred Thousand) per occurrence, with the no. of occurrences unlimited.</b>
20.2	<b>Date by which the Dispute Board shall be appointed</b>	<b>28 days after the commencement</b>
20.2	<b>The Dispute Board shall be comprised of</b>	<b>Three Members</b>
20.2	<b>List of potential Dispute Board sole members</b>	None
20.3	<b>Appointment (if not agreed) to be made by</b>	<b>Secretary General, Indian Road Congress, New Delhi, India.</b>
<b>20.6</b>	<b>Appointment of Arbitrators</b>	The Arbitrator's appointment will be made by the Secretary General, Indian Road Congress, New Delhi, India.
<b>20.6 (a)</b>	<b>International Arbitration shall be administered by</b>	<p>International arbitration shall be</p> <p>(i) administered by: the Singapore International Arbitration Centre (SIAC)</p> <p>(ii) conducted in accordance with the rules of : SIAC</p>
20.6	<b>Place of Arbitration</b>	<b>The place of arbitration shall be a neutral place mutually agreed by the parties</b>

# **ANNEXURE – 1 PART – A (PARTICULAR CONDITIONS OF CONTRACT)**

**Time of Completion of whole stretch – 1095 Days**

## **Summary of Sections of the Works**

**Improvement/Upgradation, Widening and Strengthening of Katihar- Balrampur Road (SH-98) under Civil work contract Package No. BSHP-III(Phase-2)/ Pkg.-1/SH-98**

Sl. No.	Section Name/Description (Sub - Clause 1.1.5.6)	Time for access to the site (Sub-Clause2.1)	Time for Completion (Sub - Clause 1.1.3.3)
1	<b>Section-1</b> • Km 34.900 to Km 39.700 (Length-4.800 Km) • Km 40.900 to Km 46.725 (Length -5.825 Km) • Km 46.850 to Km 49.900(Length-3.050 km) • Km 52.800 to Km55.660 (Length-2.860 Km) • Km 55.770 to Km 62.882 (Length-7.112 Km) Total Length 23.647 Km	Within 28 Days from the date of Signing of the Contract Agreement	1095 Days
2	<b>Section-2</b> • Km 0.000 to Km 34.900 (Length-34.900Km) • Km 39.700 To Km 40.900) (Length-1.200Km ) • Km 46.725 to Km 46.850 (Length-0.125Km ) • Km 49.900 to Km 52.800 (Length 2.900Km) • Km 55.660 to Km 55.770 (Length -0.110 Km) Total Length 39.235 Km	Within 240 Days from the date of Signing of the Contract Agreement	

## **Summary of Progress targets:**

Section or Whole Work	Time from Date of Commencement	Progress Target (Financial)	Amount to be withheld in case of failure to achieve Progress Target
Improvement/Upgradation, Widening and Strengthening of Katihar -Balrampur Road (SH-98) under Civil work contract Package No. BSHP-III(Phase-2)/ Pkg.-1/SH-98, Total Length – 62.882 Km	180 Days	5%	10% of the difference in Target and achievement
	240 Days	10%	
	300 Days	15%	
	450 Days	35%	
	600 Days	50%	
	700 Days	60%	
	800 Days	70%	
	900 Days	80 %	
	1095 Days	100 %	

1. If any extension of time (Sub-Clause -8.4) is granted, the summary of progress targets shall be revised in the same proportion for the extended time and balance Financial Target and in case of failure to achieve this revised Progress/Financial Target. Amount to be withheld shall be 10% of the difference in Revised Target and achievement.
2. Resource based work Programme of Financial targets vis- a-viz allocated time as mentioned in the summary of progress target shall be submitted in MS Project/ Primavera / Relevant Software program under Sub-Clause- 8.3. The same shall also be applicable in case of extended time of completion. Engineer shall issue the notice to the contractor if the contractor does not comply accordingly.

## SECTION 8 - PARTICULAR CONDITIONS OF CONTRACT

### PART B – SPECIFIC PROVISIONS

#### Sub-Clause 1.5: Priority of Documents

Insert “(d) Addenda Nos. if any” after serial no. (c), Correct serial no. “(d)” to “(i)” as serial no. “(e)” to “(j)”.

#### Sub-Clause 1.6: Contract Agreement

*At the end of the Sub-Clause add the following:*

“The submission of acceptable Performance Security pursuant to Sub-Clause 4.2 is, *inter-alia*, a pre-requisite for entering into the Contract Agreement”

#### Sub-Clause 3.1: Engineer’s Duties and Authority

*Add the followings point (E) & (F) after point (D) in Para Four for which Employer's specific approval is also required:*

- " (E) Sub-Clause 4.4: approving the subcontracting of the works ; and
- (F) Sub-Clause 8.4: approving any extension of contractual time limits

#### Sub-Clause 4.1: Contractor’s General Obligations

*Add the following three paras at the end of Sub-Clause 4.1:*

The Contractor shall be required to carry out a total station survey, taking 'L' Section and Cross Sections at every 50 m interval and submit the data to the Engineer for finalization of Centre Line and Finished Road Levels (FRL). Once the Centre Line and the FRLs are finalized and approved by the Engineer for a certain part of the road, the Contractor shall carry out the construction activity after doing an OGL survey with the help of Auto Level. The applicable cross section of the road and the details of structures shall be supplied to the Contractor in the form of "Good for construction Drawings ", however, if the contractor has any suggestion on that, he may send the same to the Engineer with proper reasoning. The decision of the Engineer as regard to finality of "Good for Construction Drawing" shall be binding on the contractor. The Contractor shall also check the accuracy of all permanent and temporary bench marks available on the site. If any discrepancy is noted by the Contractor, the same shall be reported to the Engineer and shall be corrected in consultation with the Engineer. The cost of all survey work including construction of bench marks, etc. shall be deemed to have been included in the rates/ prices of various items quoted by the Contractor in the Bill of Quantities.

The detailed designs of major/medium bridges shall be done by the contractor or shall be got proof checked from competent consultants/ institutions (in case they are supplied by the Engineer). The Contractor shall also carry out all Investigations for the purpose of Cross Checking the adequacy of founding levels for different structures. The cost of all such investigations shall be deemed to have been included in the respective rates/ prices quoted by the Contractor in the Bill of Quantities. Design of the bridges done by the contractor shall be required to be approved by the Engineer prior to the execution.

On completion of the Works, the Contractor shall arrange to furnish to the Employer two (2) bound sets and two sets in soft copies (CDs) of all "As built" drawings for every component of the Works at his own cost, all such copies being on Polyester film of quality to be approved by the Engineer or his Representative. The Taking Over Certificate of the Works, as per the provisions of Clause 10 herein, shall not be issued by the Engineer in the event of the Contractor's failure to furnish the aforesaid "As built" drawings for the entire Works.

The Contractor shall deputize at least his Project Manager or Senior Site Representative to attend all the periodic review meetings notified by the Engineer."

#### **Sub Clause 4.4: Subcontractors**

Replace the words "the whole" in the first line by the words "more than 50%"

#### **Sub-Clause 4.12: Unforeseeable Physical Conditions**

Add the following para at the end

"In addition to notice of any unforeseeable physical conditions, the Contractor shall provide the Engineer with a written notice of any unanticipated environmental or resettlement risks or impacts that arise during construction, implementation or operation of the Plant or Permanent Works, which were not considered in the environmental management plan as provided in Section 6".

#### **Sub-Clause 4.13: Rights of Way and Facilities**

Add the following para at the end

"The Contractor shall comply with (i) the measures and requirements relevant to the Contractor which are set forth in the Resettlement Plan ("RP") attached hereto as Appendix-A, to the extent it concerns impacts on affected people during construction; and (ii) any corrective or preventive actions set out in safeguards monitoring reports that the Employer will prepare from time to time to monitor implementation of the resettlement plan.

The Contractor shall allocate a budget for compliance with these measures, requirements and actions."

#### **Sub-Clause 4.16: Transport of Goods**

Add the following para at the end as para (d)

"The Contractor shall adequately record the condition of roads, agricultural land and other infrastructure prior to the start of transporting materials, goods and equipment, and construction."

#### **Sub-Clause 4.18: Protection of the Environment**

Add the following para at the end of the sub-clause in 4.18:

"The Contractor shall comply with all applicable national, provincial, and local environmental laws and regulations.

The Contractor shall also comply with all reasonable requests of the national and local authorities responsible for enforcing environmental controls.



Within 28 days of the Commencement Date the Contractor shall submit a detailed Site Specific Environmental Management Plan (SSEMP) for the Engineer's no objection showing how he/she intends to comply with environmental laws and regulations and other specific requirements prescribed in the Contract, addressing all the monitoring and mitigation measures set forth in the Environmental Impact Assessment ("EIA") and the Environmental Management Plan ("EMP") of the project attached in Section 6- Employer's Requirements. Work shall not commence on the Site until the no objection of SSEMP has been obtained from the Engineer and is being implemented. Such acceptance by the Engineer shall not relieve the Contractor of any of his obligations or responsibilities under the Contract.

The Contractor shall (a) establish an operational system for managing environmental impacts, (b) comply with the approved SSEMP and any corrective or preventative actions set out in safeguards monitoring reports that the Employer will prepare from time to time to monitor the implementation of the project EMP through the SSEMP, (c) allocate the budget required to ensure that such measures, requirements and actions are carried out, (d) submit semi-annual reports on the compliance of such measures to the Employer.

*Where unanticipated environmental risks or impacts become apparent during the Contract, the Contractor is required to update the SSEMP to outline the potential impacts to site works and associated mitigation measures for the Engineer's approval."*

#### **Sub-Clause 4.20: Employer's Equipment and Free-issue Materials.**

This sub-Clause is replaced as below: "No Equipment or material shall be issued to the Contractor by the Employer for the execution of works."

#### **Sub-Clause 4.21: Progress Reports.**

Add the following at the end of the sub-paragraph as

- (i) Monitoring of the obligations in Sub-Clauses 4.18, 6.1, 6.4, 6.7, 6.20 and 6.21

#### **Sub-Clause 6.1: Engagement of Staff and Labour**

Add the following para at the end of Sub Clause 6.1:

"The Contractor and his Subcontractors shall comply with all the relevant labour Laws applicable to the Contractor's Personnel, including Laws relating to their employment, health, safety, welfare, immigration and emigration, and shall allow them all their legal rights, including without limiting the foregoing, the laws and regulations set forth in Annexure A and A-1.

The Contractor shall require his employees to obey all applicable Laws, including those concerning safety at work.

The Contractor shall be responsible for observance by his Subcontractors of the provisions of the sub-clause 6.1

#### **Sub Clause 6.7 Health and Safety**

Add the following para after First para:

The Contractor is responsible for establishment of preventive and emergency preparedness and response measures to avoid, and where avoidance is not possible, to minimize, adverse impacts and risks of the construction site work to the health and safety of local communities.

Within 28 days of the Commencement Date the Contractor shall submit a detailed Site Specific Health and Safety Management Plan (SSHSMP) for the Engineer's no objection showing how he/she intends to comply with the local Health and Safety laws and regulations and other specific requirements prescribed in the Contract, taking into account the Supplementary Information in Section 6- Employer's Requirements. Work shall not commence on the Site until the confirmation of no objection of the SSHSMP has been obtained from the Engineer and is being implemented. Such confirmation of no objection by the Engineer shall not relive the Contractor of any of his/her obligations or responsibilities under the Contract.

Where unanticipated health and safety hazards or risks become apparent during the Contract, the Contractor is required to update the SSHSMP to outline the potential impacts to site works and associated mitigation measures for the Engineer's no objection.

The Contractor shall comply with the approved SSHSMP and any corrective or preventative actions set out in safeguards monitoring reports that the Employer will prepare from time to time to monitor the implementation of the project EMP through the SSHSMP.

In particular, the Contractor is required to provide all personnel on site including Employer's Personnel and visitors with personal protective equipment, including protection for feet (safety boots), head, eyes, ears (safety helmets) and hands, etc. , in accordance with the Contractor's SSHSMP. The Contractor should ensure that his Subcontractors comply with the SSHSMP and provide all such necessary equipment to their personnel.

The Contractor shall bear the costs to ensure that such measures, requirements and actions are carried out.

The Contractor shall submit semi-annual reports on the compliance of such measures to the Employer."

Add after the third paragraph the following:

"In the event of a significant injury involving medical treatment or hospitalization and fatal accident the Contractor shall notify the Engineer immediately by verbal communication and submit a formal report as soon as practicable after its occurrence. For all accidents, whether fatal or not, the Contractor shall also notify the appropriate local authorities in accordance with the Laws of the Country.

#### **Sub-Clause 6.21: Child labour**

Add the following para at the end

"'Child' means a child below the statutory minimum age of 14 years under applicable national, provincial or law of India."

#### **Sub-Clause 8.1: Commencement of Works**

**Sub-Clause 8.1(d):** *Delete subparagraph (d) of GCC 8.1 and replace with:*

(a) receipt by the Contractor of the first instalment of the Advance Payment under Sub-Clause 14.2 [Advance Payment] provided that the corresponding bank guarantee has been delivered by the Contractor. If however the Contractor does not submit the advance payment guarantee for the first installment in accordance with Sub-Clause 14.2 [Advance Payment] within 28 days after receiving the Letter of Acceptance, the conditions precedent for the Commencement of Works as provided in this sub-paragraph (d) is deemed to have been fulfilled.

**(b) Sub-Clause 8.2: Time for Completion**

**Add the following para at the end of Sub-Clause 8.2**

The Contractor shall also meet the Progress Target fixed under Sub-sections defined in the Contract data.

**Sub-Clause 8.3: Programme**

*Add the following new paragraph at the end of Sub-Clause 8.3:*

"The Contractor shall, at least 14 days in advance of his programmed commencement of each item of work, furnish for the Engineer's consent, the methodology he intends to adopt for executing the item, providing full details of the method of working, equipment to be deployed, process to be controlled and measures to be adopted for ensuring quality of construction and safety."

**Sub-Clause 11.2: Cost of Remedying Defects**

Add the following para at the end

"Upon the completion of construction, the Contractor shall fully reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition as recorded by the Contractor in consonance with its obligation in Clause 4.16."

**Sub-Clause 12.3: Evaluation**

Replace sub-para a (ii) as follows:

"(a) (ii) the quantity of the item provided for in the Bill of Quantities accounts for more than 2 % of the Accepted Contract Amount."

**Sub-Clause 13.8: Adjustment for changes in Cost**

Delete Sub-Clause 13.8 in its entirety and substitute the following:

**Sub Clause 13.8.1: Price Adjustment**

The amounts payable to the Contractor and valued at base rates and prices pursuant to Sub Clause 14.3 hereof shall be adjusted in respect of the rise or fall in the indexed costs for labour, Contractors Equipment and Plant, materials and other inputs to the Works, by the addition or subtraction of the amounts determined by the formulae prescribed in this Clause.

**Sub Clause 13.8.2: Other Changes in Cost**

To the extent that full compensation for any rise or fall in the costs to the Contractor is not covered by the provisions of this or other Clauses in the Contract, the unit rates and prices included in the Contract shall be deemed to include amounts to cover the contingency of such other rise or fall in costs.

**Sub-Clause 13.8.3: Adjustment For Change in Cost**

**A) Variation of Price Local Labour**

The Contract Price will be subjected to adjustment on account of variations in the cost of labour. The adjustment will be made according to the formula given below:

$$V1 = \frac{0.85 \text{ RI } \times (C - C_0) \times L}{C_0}$$

Where, V1= Variation in price on account of local labour during the period under consideration.

C<sub>0</sub>= Base Cost Index related to the General Consumer Price Index for *industrial workers for the[Munger, Jamalpur) in the State of Bihar]*, published by Labour Bureau, Ministry of Labour, Government of India, (hereinafter called "CPI") at the time specified in para (F) hereinafter.

C= Current Cost Index related to the General Consumer Price Index for *industrial workers for the the[Munger, Jamalpur) in the State of Bihar]*, released by the above mentioned agency at the time specified in para (F) hereinafter.

L= A factor of 0.2 (zero point two) representing component of all local labour costs in the Contract Price including overheads, benefits, amenities etc.

RI= Value of the work done during the period under consideration and payable in non convertible Indian Rupee Currency at the base rates and prices as applicable under the Contract.

#### B) Variation of Price General Materials

The Contract Price will be subjected to adjustment on account of general variation of prices of all materials other than specifically provided in Sub Clause 13.10 hereinafter. The adjustment will be made according to the formula given below:

$$V2 = \frac{0.85 \text{ RI x (I - I}_0\text{) x G}}{I_0}$$

Where, V2= Variation in price on account of general variation of prices of all materials other than specifically provided in Sub Clause 13.10 hereinafter.

I<sub>0</sub>= Base Cost Index corresponding to the Wholesale Price in India (for all commodities) (Base latest available) released by the Economic Adviser, Ministry of Industry, Government of India, at the time specified in para (F) hereinafter.

I= Current Cost Index corresponding to the Wholesale Price in India (for all commodities) for the period under consideration (Base latest available) released by the same agency at the time specified in para (F) hereinafter.

G= Factor 0.36 (zero point three six) representing component of all materials other than specifically provided elsewhere in the Contract Price.

RI= Value of the Work done during the period under consideration and payable in non convertible Indian Rupee Currency, at the base rates and prices as applicable under the Contract.

#### C) Variation of Price POL

The Contract Price will be subjected to adjustment on account of variation of prices of POL (Petroleum, Oil and Lubricants). The adjustment will be made according to the formula given below:

$$V3 = \frac{0.85 \text{ RI x (P - P}_0\text{) x Q}}{P_0}$$

Where, V3= Variation in price on account of POL during the period under consideration.

P<sub>0</sub>= Base Price of HSD (High Speed Diesel) is ex-refinery price excluding all taxes from the nearest refinery of the Works site, at the time specified in para (F) hereinafter.

P= Current Price of HSD is ex-refinery price excluding all taxes from the nearest refinery of the Works site, at the time specified in para (F) hereinafter.

Q= Factor of 0.07 (zero point zero seven) representing the component of POL in the Contract Price.

RI= Value of the Work done during the period under consideration and payable in non convertible Indian Rupee Currency, at the base rates and prices as applicable under the Contract.

**D) Price Adjustment for Plant and Equipment:**

Price adjustment for increase or decrease in the cost of constructional plant shall be paid in accordance with the following formula:

$$V4 = \frac{0.85 \text{ RI} \times (M - M_0) \times E}{M_0}$$

Where, V4= Increase or decrease in the cost of work price of usage of due to changes in rates of constructional plant, during the quarter under consideration.

M<sub>0</sub>= Base Cost Index for *Manufacture of machinery for mining, quarrying and construction* in wholesale price in India (Base latest available) released by the Economic Adviser, Ministry of Industry, Government of India, at the time specified in para (F) hereinafter.

M= Current Cost Index numbers of wholesale prices in India for *Manufacture of machinery for mining, quarrying and construction* in wholesale price in India (Base latest available) released by the Economic Adviser, Ministry of Industry, Government of India, at the time specified in para (F) hereinafter.

RI= Value of Work done during the period under consideration and payable in non convertible India Rupee Currency at the base rates and price as applicable under the Contract.

E= Factor of 0.05 (zero point zero five) representing the aspect of equipment usage in the contract price.

**E) Variation of Price - Foreign Inputs, NIL**

**F) Base, Current and Provisional Indices**

The base cost indices or prices shall be those ruling on the date 28 days prior to the closing date for the submission of bids. Current indices or prices shall be those ruling on the date 28 (twenty-eight) days prior to the last day of the period to which a particular Interim Payment Certificate is related. If, at any time the current officially published or relevant proxy indices are not available, provisional indices as determined by the Engineer will be used, subject to subsequent correction of the amounts paid to the Contractor when the current indices become available.

**G) Price Adjustment**

The Price Adjustment shall be evaluated for the relevant date of each Interim Payment Certificate submitted by the Contractor pursuant to Sub Clause 14.3 using the weighting prescribed in this Sub Clause and the related current and base cost indices, subject to any changes or corrections made in accordance with para (F) of this Sub Clause.

**H) The Adjustable Amount**

The adjustable amount of each Interim Payment Certificate shall be the difference between (i) the amount which, in the opinion of the Engineer, shall be due to the Contractor pursuant to Sub Clause 14.3 (before deducting retentions) including the amount at base rates and prices of the scheduled work carried out and Day works (unless otherwise adjusted) but excluding the value of materials on site, and (ii) the amounts calculated in (i) above and included in the last preceding Interim Payment Certificate issued by the Engineer. The adjustable amount shall exclude payments to nominated sub contractors and any other amounts based upon actual cost or current prices.

**I) The Adjusted Amount**

The adjusted amount of each Payment Certificate shall be determined by applying the Price Adjustment to the adjustable amount, and shall become payable to the Contractor in accordance with the provisions of Clause 14 subject to any deductions there from for retention money, liquidated damages and any other monies due to the Employer from the Contractor including the recovery of mobilization advances, if any.

**J) Adjustment after Completion**

If the Contractor shall fail to complete the Works within the time for completion under Sub Clause 8.2, adjustment of prices thereafter until the date of completion of the Works shall be made using either the indices or prices relating to the prescribed time for completion, or the current indices or prices, whichever is more favorable to the Employer, provided that if an extension of time is granted pursuant to Clause 8.4 the above provision shall apply only to adjustments made after the expiry of such extension of time.

**K) Price Adjustment for Bitumen Component**

Price adjustment for increase or decrease in the cost of bitumen shall be paid in accordance with the following formula:

$$V5 = \frac{0.85 \text{ RI} \times (B - B_0) \times C}{B_0}$$

Where V5= Increase or decrease in the cost of work during the month under consideration due to changes in rates for bitumen.

B<sub>0</sub>= Base cost indices is ex-refinery price excluding all taxes at the nearest refinery, prevailing on the relevant date applicable for adjustment to the Contract Price, as specified in para (F) hereinabove .

B= Current indices is ex. refinery price excluding all taxes at the nearest refinery, prevailing on the relevant date applicable for adjustment to the Contract Price, as specified in para (F) hereinabove .

RI= Value of Work done during the period under consideration and payable in nonconvertible India Rupee Currency at the base rates and price as applicable under the Contract.

C= Factor of 0.16 (zero point one six) representing the aspect of bitumen usage in the contract price.

**L) Price Adjustment for Steel Component**

Price adjustment for increase or decrease in the cost of Steel shall be paid in accordance with the following formula:

$$V6 = \frac{0.85 \text{ RI x (S - S}_0\text{) x C}}{S_0}$$

Where, V6= Increase or decrease in the cost of work during the month under consideration due to changes in rates for steel.

S<sub>0</sub>= Base cost index for *MS Bright Bars* correspond to wholesale price in India (Base latest available) released by Ministry of Industrial Development, Govt. of India at the time specified in para (F) hereinabove

S= Current cost index for *MS Bright Bars* correspond to wholesale price in India (Base latest available) released by Ministry of Industrial Development, Govt. of India at the time specified in para (F) hereinabove

RI= Value of Work done during the period under consideration and payable in nonconvertible India Rupee Currency at the base rates and price as applicable under the Contract.

C= Factor of 0.09 (zero point zero nine) representing the aspect of steel usage in the contract price.

**M) Price Adjustment of Cement Component**

Price adjustment for increase or decrease in the cost of Cement shall be paid in accordance with the following formula:

$$V7 = \frac{0.35 \text{ RI x (C - C}_0\text{) x Q}}{C_0}$$

Where, V7= Increase or decrease in the cost of work during the month under consideration due to changes in rates for Cement.

C<sub>0</sub>= Base cost index for *Ordinary Portland Cement* correspond to wholesale price in India (Base latest available) released by Ministry of Industrial Development, Govt. of India at the time specified in para (F) hereinabove

C= Current cost index for *Ordinary Portland Cement* correspond to wholesale price in India (Base latest available) released by Ministry of Industrial Development, Govt. of India at the time specified in para (F) hereinabove

RI= Value of Work done during the period under consideration and payable in nonconvertible India Rupee Currency at the base rates and price as applicable under the Contract.

Q= Factor of 0.07 (zero point zero seven) representing the aspect of cement usage in the contract price.

Add the following new Sub-Clauses 13.9 and 13.10 after Sub-Clause 13.8

#### **Sub-Clause 13.9: Sources of Indices**

The sources of those indices not stated in Sub-Clause 13.8 shall be as listed in the Contract Data, as approved by the Engineer.

#### **Sub Clause 13.10: Exemption from Price Adjustment**

The following items shall not be included in the price adjustment calculation:

- (a) Liquidated damages;
- (b) Retention withheld and released;
- (c) Advance payments in the form of loans and their repayments;

#### **Sub-Clause 14.2: Advance Payment**

Delete the text of Sub-para 14.2 (a) and substitute with following:

"(a) Deduction shall commence in the next interim payment certificate, after receiving the first instalment of advance, excluding the advance payment and deductions and repayments of retentions,"

#### **Sub-Clause 14.3 (c): Application for Interim Payment Certificates**

Add the following text in the last

"Once the limit of retention money is reached, the retention money so deducted from the IPC can be replaced by a Bank Guarantee or an equivalent amount valid for the required period. In case of taking over certificate is issued then it shall be dealt as per clause 14.9 of GCC.

#### **Sub-Clause 15.4: Payment after Termination**

The words in the first sentence "After a notice of termination under Sub-Clause 15.2 [Termination by Employer] has taken effect, the Employer may:" may read as "After a notice of termination under Sub-Clause 15.2 [Termination by Employer] has taken effect, the Performance Security of the Contractor shall be forfeited and the Employer may:"

#### **Sub Clause 20.2 Appointment of the Dispute Board**

The following text in para one is substituted by

Disputes shall be referred to a DB (Constituted for this purpose by following the Standard stipulated rules including conflict of interest) for decision in accordance with Sub-Clause 20.4 [Obtaining Dispute Board's Decision]. The Parties shall appoint a DB by the date stated in the Contract Data.

Add the following new Clauses 21, 22 and 23:



## **Clause 21: Taxation**

### **Sub-Clause 21.1: Foreign Taxation**

The prices bid by the Contractor shall include all taxes, duties and other charges imposed outside the Employer's country on the production, manufacture, sale and transport of the contractor's equipment, plant, materials and supplies to be used on or furnished under the Contract, and on the services performed under the Contract.

### **Sub-Clause 21.2: Local Taxation**

The Price bid by the Contractor shall be exclusive of Goods & Services Tax (GST) but including all other taxes if any that may be levied in accordance to the laws and regulations in being as of the date 28 days prior to the closing date for submission of bids in India on the Contractor's equipment, plant, materials and supplies (permanent, temporary and consumable) acquired for the purpose of the Contract and on the services performed under the Contract. No excise duties exemption shall be payable. Nothing in the Contract shall relieve the Contractor from his responsibility to pay any tax that may be levied in the Employer's country on profits made by him in respect of the Contract.

### **Sub-Clause 21.4: Advance Deduction of Taxes**

Advance deduction of taxes shall be made from each Interim Payment Certificate in accordance with the relevant provisions of all prevailing Acts and Regulations.

### **Sub-Clause 22: Maintenance of Right of Way**

Throughout the period of the Contract, the Contractor shall at all times maintain public vehicular access along the right-of-way and from the right-of-way to all public and private access and land, as exists immediately prior to his commencement of the works, on the entire stretch of the Project Road. Maintenance shall be all weather proofed quality.

No separate payment for the same shall be given to the contractor.

### **Sub-Clause 23: Procurement of Materials including Stone Aggregates**

It shall be the responsibility of the Contractor to select the source and provide the materials conforming to the specification and approved by the Engineer, its availability and carriage on the site. No claim on account of any lead, whatever may be including mode of transportation for its carriage shall be entertained and payable to the contractor.

## ANNEXURE A

### *(Reference Clause 6)*

- (a) The Contractor shall, at all times during the continuance of the Contract, comply fully with all existing Acts, regulations and bylaws including all statutory amendments and re enactment of State and Central Government and other local authorities and any other enactments, notifications and acts that may be passed in future either by the State or the Central Government or local authority, including Indian Workmen's Compensation Act, Contract Labour (Regulation and Abolition) Act 1970 and Equal Remuneration Act 1976, Factories Act, Minimum Wages Act, Provident Fund Regulations, Employees Provident Fund Act, Schemes made under the same Act and also Labour Regulations mentioned in Annexure A to Section III, Health and Sanitary Arrangement for Workmen, insurance and other benefits and shall keep the Employer indemnified in case any action is commenced by competent authorities for contravention by the Contractor. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non observance of the provisions stipulated henceforth on the part of the Contractor, the Engineer shall have the right to deduct from any moneys due to the Contractor, his amount of Performance Security or recover from the Contractor personally any sum required or estimated to be required for making good the loss or damage suffered by the Employer. Provided, however, the Employer shall have no other responsibility in connection with the employees of the Contractor, who shall, in no case, be treated as the employees of the Employer at any time.

### **Fair Wages**

- (b) The Contractor shall pay the laborers engaged by him on the Works not less than a fair wage, which expression shall mean, whether for time or piecework, the respective rates of wages fixed by the Public Works Department as fair wages for the area payable to the different categories of laborers or those notified under the Minimum Wages Act for corresponding employees of the Employer, whichever may be higher.
- (c) The Contractor shall, notwithstanding the provisions of a contract to the contrary, cause to be paid a fair wage to laborers indirectly engaged on the Works, including any labour engaged by sub contractors in connection with the said Works as if the laborer had been directly employed by him.

### **Notices**

- (d) The Contractor shall, before he commences the work, display, and correctly maintain, in a clean and legible condition at a conspicuous place on the Site, notices in English and in a language spoken by the majority of the workers, stating therein the rates of wages, which have been fixed as fair wages and the hours of work for which such wages are earned and send a copy of such notices to the Engineer.

### **Wages Records**

- (e) The Contractor shall maintain records of wages and other remuneration paid to his employees in such form as may be convenient and as per the requirements of the Employer/ Engineer and the Conciliation Officer (Central), Ministry of Labour, Government of India, or such other authorized person appointed by the Central or State Government and the same shall include the following particulars of each worker:

- i. *Name, Worker's number and grade;*
- ii. *Rate of daily or monthly wage;*

- iii. *Nature of work on which employed;*
  - iv. *Total number of days worked during each wage period;*
  - v. *Total amount payable for the work during each wage period;*
  - vi. *All deductions made from the wage with details in each case of the grounds for which the deduction is made; and*
  - vii. *Wages actually paid for each wage period.*
- (f) **The Contractor shall provide a Wage Slip for each worker employed on the Works.**
- (g) **The Wage records and Wage Slips shall be preserved for at least 12 months after the last entry.**

### **Inspection of Wage Records**

- (h) The Contractor shall allow inspection of the aforesaid Wage Records and Wage Slips to the Engineer and to any of his employees or to his agent at a convenient time and place after due notice is received, or to the Employer or any other person authorized by him on his behalf.
- (i) The Employer, the Engineer or any other person authorized by them on their behalf shall have power to make enquiries with a view to ascertaining and enforcing due and proper observance of the fair Wages Clause. He shall also have the power to investigate any complaint regarding any default made by the Contractor or sub contractor in regard to such provision.
- (j) The Employer shall have the right to deduct from the moneys due to the Contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non payment of the aforesaid fair wage, except on account of any deductions that may be permissible under any law for the time being in force.
- (k) (i) A workman shall be entitled to be represented in any investigation or enquiry under this Clause by:
- (a) An officer of a registered Trade Union of which he is a member.
  - (b) An officer of a federation of Trade Unions to which the Trade Union referred to in the previous sub clause is affiliated.
  - (c)
    - (i) Where the worker is not a member of any registered Trade Union, by an officer of a registered Trade Union connected with or by any other workmen employed in the industry in which the worker is employed.
    - (ii) The Contractor or sub contractor shall be entitled to be represented in any investigation or enquiry under this Clause by an officer of an Association of Employers of which he is member.
    - (iii) No party shall be represented by a legal practitioner in any investigation or enquiry under this Clause, unless all parties agree otherwise.

### **Safety Provisions**

- 
- (l) The Contractor shall comply with all the precautions as required for the safety of the workmen by the I.L.O Convention No. 62 as far as they are applicable to the Contract. The Contractor shall provide all necessary safety appliances such as safety goggles, helmets, masks, etc. to the workmen and the staff.
- (i) Suitable scaffolds shall be provided for workmen for all work that cannot safely be done from the ground, or from solid construction except for such short period work as can be done safely from ladders. When a ladder is used, an extra labourer shall be engaged for holding the ladder and if the ladder is used for carrying materials as well, suitable foot holds and hand holds shall be provided on the ladder, which shall be given an inclination not steeper than 1/4 to 1 (1/4 horizontal in 1 vertical).
- (ii) Scaffolding or staging more than 3.25 metres above the ground or floor, swung or suspended from an overhead support or erected with stationary support, shall have a guard rail properly attached, bolted, braced and otherwise secured at least 1 metre high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such openings as may be necessary for the delivery of material. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the support or structure.
- (iii) Working platforms, gangways, and stairways shall be so constructed that they do not sag unduly or unequally, and if the height of any platform or gangway or stairway is more than 3.25 metres above ground level or floor level, it shall have closely spaced boards, have adequate width and be suitably provided with guard rails as described in (ii) above.
- (iv) Every opening in the floor of a structure or in a working platform shall be provided with suitable means to prevent fall of persons or materials by providing suitable fencing or railing with a minimum height of one metre.
- (v) Safe means of access and egress shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9 metres in length. The width between side rails in a rung ladder shall in no case be less than 30 cm for ladders up to and including 3 metres in length. For longer ladders the width shall be increased at least 6 mm for each additional 30 cm of length. Spacing of steps shall be uniform and shall not exceed 30 cm.
- (vi) Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The Contractor shall provide all necessary fencing and lights to protect the public from accident and shall be bound to bear the expenses of defending every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and costs which may be awarded in any such suit, action or proceedings to any such person or which may with the consent of the Contractor be paid to compromise any claim by any such person.
- (vii) Excavation and Trenching: All trenches, 1.5 metres or more in depth, shall at all times be supplied with at least one ladder for each 20 metres in length or fraction thereof. Ladders shall be extended from the bottom of the trench to at least 1 metre above the surface of the ground. The sides of a trench, which is 1.5 metres or more in depth shall be stepped back to provide a suitable slope, or be securely held by timber bracing so as to avoid the danger of side collapse. Excavated material shall not be placed within 1.5 metres of the edge of any trench or half the depth of the trench, whichever is more. Excavation shall be made from the top to the bottom. Under no circumstances shall undermining or undercutting be done.
- (viii) Demolition: Before any demolition work is commenced and also during the process of the work:

- A. All roads and open areas adjacent to the work site shall either be closed or suitably protected.
  - B. No electric cable or apparatus, which is liable to be a source of danger other than a cable or apparatus used by operators, shall remain electrically charged:
  - C. All practical steps shall be taken to prevent danger to persons employed by the Employer, from risk of fire or explosion, or flooding. No floor, roof or other part of a building shall be so overloaded with debris or materials as to render it unsafe.
- (ix) All necessary personal safety equipment as considered adequate by the Engineer shall be available for use of persons employed on the Site and maintained in a condition suitable for immediate use; and the Contractor shall take adequate steps to ensure proper use of such equipment by those concerned.
- A. Workers employed on mixing asphaltic materials, cement, lime mortars, concrete etc. shall be provided with protective footwear and protective goggles.
  - B. Those engaged in handling any material, which is injurious to the eyes, shall be provided with protective goggles.
  - C. Those engaged in welding works shall be provided with welder's protective eye shield.
  - D. Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
  - E. When workers are employed in sewers and manholes, which are in use, the Contractor shall ensure that manhole covers are open and manholes are ventilated at least for an hour before workers are allowed to go into them. Manholes so open shall be cordoned off with suitable railing and provide warning signals or boards to prevent accidents to the public.
- (x) The Contractor shall not employ men below the age of 18 years and women, on the work of painting with products containing lead in any form. Whenever men above the age of 18 years are employed on the work of lead painting, the following precautions shall be taken:
- A. No paint containing lead or lead products shall be used except in the form of paste or ready-made paint.
  - B. Suitable face masks shall be supplied for use by workers when paint is applied in the form of spray or a surface having lead paint dry rubbed and scraped.
  - C. Overalls shall be supplied by the Contractor to workmen and adequate facilities shall be provided to enable workers to wash during and at the close of any day's work.
- (xi) When work is performed near any place where there is risk of drowning all necessary equipment shall be provided and kept ready for use and all necessary steps taken for prompt first aid treatment of all injuries likely to be sustained during the course of the work.
- (xii) Use of hoisting machines and tackle including their attachments, anchorage and supports shall conform to the following:
- (A) (i) These shall be of good mechanical construction, sound material and adequate strength and free from patent defects and shall be kept in good working order be regularly inspected and properly maintained.

- (ii) Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from defects.
- (B) Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 shall be in charge of any hoisting machine including scaffold equipment. Only trained men over the age of 21 shall be permitted to give signals to such plant and appliance operators.
- (C) For every hoisting machine and every chain hook, shackle, swivel and pulley block used in hoisting, lowering or as means of suspension, safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with safe working load. In case of a hoisting machine or a variable safe working load, each safe working load and conditions under which it is applicable shall be clearly indicated. No part of any machine or any gear referred to in the paragraph above shall be loaded beyond safe working load except for the purpose of testing
- (D) In case of the Employer's machine, safe working load shall be notified by the Engineer or his Representative. As regards Contractor's machines, the Contractor shall notify safe working load of each machine to the Engineer or his Representative whenever he brings it to the site of work and get it verified by him.
- (xiii) Motors, gearing, transmission, electric wiring and other dangerous parts of hoisting appliances shall be provided with efficient safeguards; hoisting appliances shall be provided with such means as will reduce the facilities shall be provided at or near place of work.
- (xv) These safety provisions shall be brought to the notice of all concerned by displaying on a notice board at a prominent place at the work location. Persons responsible for ensuring compliance with the Safety Code shall be named therein by the Contractor.
- (xvi) To ensure effective enforcement of the rules and regulations relating to safety precautions, arrangements made by the Contractor shall be open to inspection by the Engineer or his Representative and the Inspecting Officer as defined in the Contractor's Labour Regulation mentioned hereafter in these Documents as Annexure A of Section III.
- (xvii) Notwithstanding anything contained in condition (i) to (xvi) above, the Contractor shall remain liable to comply with the provisions of all acts, rules, regulations and bylaws for the time being in force in India and applicable in this matter.
  - (a) The Contractor shall be responsible for observance, by his sub contractors, of the foregoing provisions.
  - (b) For work carried out in the vicinity of any wharf or quay, the Contractor shall abide by all the provisions of the Dock Workers (Safety, Health and Welfare) Scheme, 1961.

### **Footwear**

The Contractor shall at his own expense provide footwear for all labour engaged on concrete mixing work and all other types of working involving the use of tar, cement, etc., to the satisfaction of the Engineer or his Representative, and on his failure to do so, the Employer shall be entitled to provide the same and recover the cost from the Contractor.

### **Local Labour**

The Contractor is encouraged as far as possible to employ, in the execution of the Contract, qualified Indian citizens as workmen. Employment of expatriate personnel is subject to appropriate Indian laws and regulations. In case the Contractor wishes to employ expatriate personnel in any particular trade or skill required to execute the Contract, the Employer will assist the Contractor in obtaining permission for which the Contractor shall submit requisite data.

### **Model Rules for Labour Welfare**

(i) Definitions:

(A) Workplace means a place at which, on an average, twenty or more workers are employed.

(B) Large workplace means a site at which, on an average, 250 or more workers are employed.

(ii) First Aid:

At every workplace, there shall be maintained in a readily accessible place first aid appliances including an adequate supply of sterilized dressings and sterilized cotton wool as prescribed in the Factory Rules of the State in which the work is carried on. The appliances shall be kept in good order and, in large work places, they shall be placed under the charge of a responsible person who shall be readily available during working hours.

At large workplaces, where hospital facilities are not available within easy distance of the Works, First Aid Posts shall be established and be run by a trained Compounder.

Where large workplaces are remotely situated and far away from regular hospitals, an indoor ward shall be provided with one bed for every 250 employees.

Where large workplaces are situated in cities, towns or in their suburbs and no beds are considered necessary owing to proximity of city or town hospitals, suitable transport shall be provided to facilitate removal of urgent cases to these hospitals. At other workplaces, some conveyance facilities shall be kept readily available to take an injured person or persons suddenly taken seriously ill, to the nearest hospital.

At every large workplace, there shall be provided and maintained an ambulance room containing the prescribed equipment and in the charge of such medical and nursing staff as may be prescribed. For this purpose, the relevant provisions of the Factory Rules of the State Government of the area, where the work is carried on, may be taken as the prescribed standard.

(iii) Accommodation for Labour:

The Contractor shall during the progress of the work provide, erect and maintain necessary temporary living accommodation and ancillary facilities for labour at his own expense to standards and scales approved by the Engineer.

(iv) Drinking Water:

In every workplace, there shall be provided and maintained at suitable places easily accessible to labour, a sufficient supply of cold water fit for drinking.

Where drinking water is obtained from an intermittent public water supply each workplace shall be provided with storage tanks where drinking water shall be stored.

Every water supply storage shall be at a distance of not less than 15 metres from any latrine, drain or other source of pollution. Where water has to be drawn from an existing well, which is within such proximity of any latrine, drain or any other source of pollution, the well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap door, which shall be dust proof and waterproof.

A reliable pump shall be fitted to each covered well. The trap door shall be kept locked and opened only for cleaning or inspection, which shall be done at least once a month.

(v) Washing and Bathing Places:

Adequate washing and bathing places shall be provided separately for men and women. Such places shall be kept in clean and drained condition.

(vi) Scale of Accommodation in Latrines and Urinals:

There shall be provided within the precincts of every workplace, latrines and urinals in an accessible place, and the accommodation, separately for each for these, shall not be less than at the following scale:

No. of Seats

- |   |   |
|---|---|
| (a) Where number of persons does not exceed 50                | 2 |
| (b) Where number of persons exceed 50 but does not exceed 100 | 3 |
| (c) For additional persons per 100 or part thereof            | 3 |

In particular cases, the Engineer shall have the power to increase the requirement, wherever necessary.

(vii) Latrines and Urinals:

Except in workplaces provided with water flushed latrines connected with a water borne sewage system, all latrines shall be provided with dry earth system (receptacles) which shall be cleaned at least four times daily and at least twice during working hours and kept in a strictly sanitary condition. Receptacles shall be tarred inside and outside at least once a year.

If women are employed, separate latrines and urinals, screened from those for men and marked in the vernacular in conspicuous letters "For women only", shall be provided on the scale laid down in rule (vi). Those for men shall be similarly marked "For men only". A poster showing the figure of a man and a woman shall also be exhibited at the entrance to latrines for each sex. There shall be adequate supply of water, close to latrines and urinals.

(viii) Construction of Latrines:

Inside walls shall be constructed of masonry or other non absorbent material and shall be cement washed inside and outside at least once a year. The dates of cement washing shall be noted in a register maintained for the purpose and kept available for inspection. Latrines shall have at least a thatched roof.

(ix) Disposal of Excreta:

Unless otherwise arranged for by the local sanitary authority, arrangement for proper disposal of excreta by incineration at the work place shall be made by means of a suitable incinerator approved by the local medical health and municipal or cantonment authorities. Alternatively, excreta may be disposed of by putting a layer of night soils at the bottom of a pucca tank prepared for the purpose and covering it with a 15 cm layer of waste or refuse and then covering it with a layer of earth for a fortnight (when it will turn into manure).

The Contractor shall, at his own expense, carry out all instructions issued to him by the Engineer to effect proper disposal of soil and other conservancy work in respect of Contractor's work-purpose or employees on the site. The Contractor shall be responsible for payment of any charges, which may be levied by municipal or cantonment authority for execution of such work on his behalf.



(x) Provisions of shelters during rest:

At every workplace, there shall be provided, free of cost, four suitable sheds, two for meals and two others for rest, separately for use of men and women labour. The height of each shelter shall not be less than 3 metres from floor level to lowest part of roof. Sheds shall be kept clean and the space provided shall be on the basis of at least 0.5 sq.m. per head.

(xi) Crèches:

At a place at which 20 or more women are ordinarily employed, there shall be provided at least one hut for use of children under the age of 6 years belonging to such women. Huts shall not be constructed to a standard lower than that of thatched roof, mud floor and wall with wooden planks spread over mud floor and covered with matting.

Huts shall be provided with suitable and sufficient openings, for light and ventilation. There shall be adequate provision of sweepers to keep the places clean. There shall be two maidservants in attendance. Sanitary utensils shall be provided to the satisfaction of local medical, health a municipal or cantonment authorities. Use of huts shall be restricted to children, their attendants and mothers of children.

Where the number of women workers is more than 25 but less than 50, the Contractor shall provide at least one hut and one maidservant to look after the children of women workers.

Size of crèche(s) shall vary according to the number of women workers employed.

Crèche(s) shall be properly maintained and necessary equipment like toys, etc. provided.

(xii) Canteen:

A cooked food canteen on a moderate scale shall be provided for the benefit of workers wherever it is considered necessary.

(xiii) Planning, siting and erection of the above mentioned structures shall be approved by the Engineer or his Representative and the whole of such temporary accommodation shall at all times during the progress of the Works be kept tidy and in a clean and sanitary condition to the satisfaction of the Engineer or his Representative and at the Contractor's expense. The Contractor shall conform generally to sanitary requirements of local medical, health and municipal or cantonment authorities and at all times adopt such precautions as may be necessary to prevent soil pollution of the Site.

On completion of the Works, the whole of such temporary structures shall be cleared away, all rubbish burnt, excreta or other disposal pits or trenches filled in and effectively sealed off and the whole of the site left clean and tidy, at the Contractor's expense, to the entire satisfaction of the Engineer.

(xiv) Anti malarial precautions:

The Contractor shall, at his own expense, conform to all anti malarial instructions given to him by the Engineer, including filling up any borrow pits which may have been dug by him.

(xv) Awareness and Education of HIV/AIDS

The civil work contractors employed under the project are required to undertake an information and education campaign on sexually transmitted diseases and HIV/AIDS for construction.

(xvi) Child Labour Prohibition

The contractor shall not use child Labour for the highway construction and ancillary work.

(xvii) Enforcement:

Inspecting Officer mentioned in the Contractor's Labour Regulations or any other officer nominated on his behalf by the Engineer shall report to the Engineer all cases of failure on the part of the Contractor and/or his sub contractor to comply with the provisions of these rules either wholly or in part and the Engineer shall impose such fines and other penalties as are prescribed in the Conditions of Contract.

(xviii) Interpretations, etc.:

On any questions as to the application, interpretation or effect of these Rules, the decision of the Chief Labour Commissioner or Deputy Chief Labour Commissioner (Central) shall be final and binding.

(xix) Amendments:

The Employer may, from time to time, add to, or amend these Rules and issue such directions as it may be considered necessary for the proper implementation of these Rules or for the purpose of removing any difficulty, which may arise in the administration thereof.

## **Annexure A 1**

### **(Reference Clause 6)**

#### **Contractor's Labour Regulations**

##### **Regulation 1: Definition**

In these regulations, unless otherwise expressed or indicated, the following words and expressions shall have the meaning hereby assigned to them:

(a) "Labour" means workers employed by a contractor directly, or indirectly, through a sub contractor, or by an agent on his behalf on a payment not less than that as per minimum wages act.

(b) "Wages" means wages, which shall include wages for a weekly day of rest and other allowances, whether for time or piece work, after taking into consideration prevailing market rates for similar employment in the neighbourhood but shall not be less than the minimum rates of wages fixed under the Payment of the Minimum Wages Act;

(c) "Contractor" for the purpose of these regulations shall include an agent or sub contractor employing labour on the work taken on contract,

(d) "Inspecting Officer" means any Labour Enforcement Officer, or Assistant Labour Commissioner of the Chief Labour Commissioner's Organisation; and

(e) "Form" means a form appended to these Regulations.

##### **Regulation 2: Notice of Commencement**

The Contractor shall, within SEVEN days of commencement of the Works furnish in writing to the Inspecting Officer of the area concerned the following information.

- a) Name and situation of the work;
- b) Contractor's name and address;

- c) Particulars of the Department for which the work is undertaken;
- d) Name and address of sub contractors as and when they are appointed;
- e) Commencement and probable duration of the work;
- f) Number of workers employed and likely to be employed; and
- g) Fair wages for different categories of workers.

### **Regulation 3: Hours of Work and Weekly Day of Rest**

1. Number of hours of work which shall constitute normal working day; The number of hours which shall constitute a normal working day for an adult shall be EIGHT hours. The working day of an adult worker shall be so arranged that, inclusive of intervals, if any, for rest, it shall not spread over more than twelve hours in one day. When an adult worker is made to work for more than eight hours on any day or for more than FORTY EIGHT hours in a week, he shall, in respect of overtime work, be paid wages at double the ordinary rate of wages.

2. Weekly day of rest : Every worker shall be given a weekly day of rest which shall be fixed and notified at least TEN days in advance. A worker shall not be required or allowed to work on the weekly rest day unless he has or will have a substituted rest day on one of the five days immediately before or after the rest day. Provided no substitution shall be made which will result in the worker working for more than ten days consecutively without a rest day for a whole day.

Note: The expression "ordinary rate of wages" means the fair wage the worker is entitled to.

### **Regulation 4: Display of Notice Regarding Wages, Weekly Day of Rest, etc.**

The Contractor shall, before he commences the Work, display and correctly maintain and continue to display and correctly maintain in a clean and legible condition in conspicuous places on the Works, notices in English and in the local language, spoken by the majority of workers, stating the rate of fair wages, the hours of work for which such wages are payable, the weekly rest days workers are entitled to and name and address of the Inspecting Officer. The Contractor shall send a copy each of such notice to the Inspecting Officer.

### **Regulation 5: Fixation of Wage Periods**

The Contractor shall fix wage periods in respect of which wages shall be payable. No wage period shall normally exceed one week.

### **Regulation 6: Payment of Wages**

- (i) wages due to every worker shall be paid to him direct. All wages should be paid in current coins or currency or in both.
- (ii) wages of every worker employed on the Contract shall be paid where the wage period is one week, within THREE days from the end of the wage period; and in any other case before the expiry of 7th day or 10th day from the end of the wage period depending on whether the number of workers does not exceed 1,000 or exceeds 1,000.
- (iii) when employment of any worker is terminated by or on behalf of the Contractor, the wages earned by him shall be paid before expiry of the day succeeding the one on which his employment is terminated.

- (iv) payment of wages shall be made at the Work Site on a working day except when the work is completed before expiry of the wage period in which case final payment shall be made at the Work Site within 48 hours of the last working day and during normal time.

Note: The term "Working Day" means a day on which the work on which the labour is employed is in progress.

#### **Regulation 7: Register of Workmen and Women**

A register of workmen and women shall be maintained in the Form appended to the regulations and kept at the work site or as near to it as possible, and relevant particulars of every worker shall be entered therein within THREE days of their engagement.

#### **Regulation 8: Employment Card**

The Contractor shall issue an employment card in the Form appended to these regulations to each worker on the day of work or entry into his employment. If a worker already has any such card with him issued by a previous employer, the Contractor shall merely endorse that Employment Card with relevant entries. On termination of employment, the Employment card shall again be endorsed by the Contractor and returned to the worker.

#### **Regulation 9: Register of Wages, etc.**

- (i) A Register of Wages cum Muster Roll in the Form appended to these regulations shall be maintained and kept at the Work Site or as near to it as possible.
- (ii) A wage slip in the Form appended to these regulations shall be issued to every worker employed by the Contractor at least a day prior to disbursement of wages.

#### **Regulation 10: Fines and Deduction, which may be made from Wages**

- (i) Wages of a worker shall be paid to him without any deductions of any kind except the following:
  - (a) fines;
  - (b) deductions for absence from duty, i.e., from the place of his employment where he is required to work. The amount of deduction shall be in proportion to the period for which he was absent;
  - (c) deduction for damage to or loss of goods expressly entrusted to the employed person for custody, or for loss of money which is required to be accounted for, where such damage or loss is directly attributable to his neglect or default; and
  - (d) deduction for recovery of advances or for adjustment of overpayment of wages advance granted, being entered in a register; and
  - (e) any other deductions, which the Employer may from time to time, allow.
- (ii) No fines shall be imposed on any worker save in respect of such acts and omissions on his part which have been approved by the Chief Labour Commissioner.
- (iii) No fine shall be imposed on a worker and no deductions for damage or loss shall be made from his wages until the worker has been given an opportunity of showing cause against such fines or deductions.
- (iv) The total amount of fines which may be imposed in any one wage period of a worker shall not exceed an amount equal to 0.3% of the wages payable to him in respect of that wage period.

- (v) No fine imposed on a worker shall be recovered from him by instalments, or after expiry of sixty days from the date on which it was imposed. Every fine shall be deemed to have been imposed on the day of the act or omission in respect of which it was imposed.
- (vi) The Contractor shall maintain both in English and the Local language a list, approved by the Chief Labour Commissioner, clearly stating the acts and omissions for which penalty or fine may be imposed on a worker and display it in good condition in a conspicuous place on the Work Site.
- (vii) The Contractor shall maintain a register of fines and the register of deduction for damage or loss in the Forms appended to these regulations which should be kept at the place of Work.

#### **Regulation 11 Register of Accidents**

The Contractor shall maintain a register of accidents in such form as may be convenient at the work place but the same shall include the following particulars:

- a) Full particulars of any labourers who met with accident;
- b) Rate of Wages;
- c) Sex;
- d) Age;
- e) Nature of accident and cause of accident;
- f) Time and Date of accident;
- g) Date and Time when admitted to hospital;
- h) Date of Discharge from the hospital;
- j) Percentage of loss of earning capacity and disability as assessed by the medical officer;
- k) Claim required to be paid under Workman's Compensation Act;
- l) Date of Payment of compensation;
- m) Amount paid with details of the person to whom the compensation was paid;
- n) Authority by whom the compensation was assessed; and
- o) Remarks.

#### **Regulation 12: Preservation of Register**

The Register of workers and the Register of wages cum Master Roll required to be maintained under these regulations shall be preserved for 3 years after the date on which the last entry is made therein.

#### **Regulation 13. Enforcement**

The Inspecting Officer shall either on his own volition or on a complaint received by him carry out investigation, and send a report to the Engineer specifying the amounts representing Worker's Dues and amount of penalty to be imposed on the Contractor for breach of these regulations, that have to be recovered from the Contractor, indicating full details of the recoveries proposed and the reason therefore. It shall be obligatory on the part of the Engineer on receipt of such a report to deduct such amounts from payments due to the Contractor.

#### **Regulation 14: Disposal of Amounts Recovered from the Contractor**

The Engineer shall arrange payment to workers concerned within FORTY-FIVE days receipt of a report from the Inspecting Officer except in cases where the Contractor had made an appeal under Regulation 16 of these regulations. In cases where there is an appeal, payment of workers dues shall be arranged by the Engineer wherever such payments arise, within THIRTY days from the date of receipt of the decision of the Regional Labour Commissioner (RLC).

#### **Regulation 15: Welfare Fund**

All moneys that are recovered by the Engineer by way of worker's dues which could not be disbursed to workers within the time limit prescribed above, due to reasons such as whereabouts of workers not being known, death of workers, etc. and also amounts recovered as penalty, shall be credited to a Fund to be kept under the custody of the Employer for such benefit and welfare of workers employed by the Contractor as the Engineer may deem fit.

#### **Regulation 16: Appeal against decision of Inspecting Officer**

Any person aggrieved by a decision of the Inspecting Officer may appeal against such decision of the Regional Labour Commissioner concerned within THIRTY days from the date of the decision, forwarding simultaneously a copy of this appeal to the Engineer.

The decision of the Regional Labour Commissioner shall be final and binding upon the Contractor and the Workmen.

#### **Regulation 17: Representation of Parties**

(i) A Worker shall be entitled to be represented in any investigation of enquiry under these regulations by an officer of a registered trade union of which he is a member or by an officer of a Federation of Trade Unions to which the said trade union is affiliated or where the workman is not a member of any registered trade union by an officer of a registered trade union, connected with, or by any other workmen employed in the industry in which the worker is employed.

(ii) A contractor shall be entitled to be represented in any investigation or enquiry under these regulations by an officer of an association of contractors of which he is a member or by an officer of a Federation or association of contractors to which the said association is affiliated or by an officer of an association of employees connected with, or by any other employer engaged in the industry in which the contractor is engaged.

(iii) No party shall be entitled to be represented by a legal practitioner in any investigation or enquiry under these regulations unless all parties agree otherwise.

#### **Regulation 18: Inspecting of Books and other Documents**

The Contractor shall allow inspection of the registers and other documents prescribed under these regulations by Inspecting Officers and the Engineer or his authorised Representative at any time and by the worker or his agent on receipt of due notice at a convenient time.

#### **Regulation 19: Interpretation etc.**

On any question as to the application, interpretation or effect of these regulations, the decision of the Chief Labour Commissioner or Deputy Chief Labour Commissioner (Central) as the case may be, shall be final and binding.

#### **Regulation 20 :**

Contractor shall encourage participation of women worker for work of unskilled labour at construction site.  
Contractor shall engage women worker is works like-

"Cleaning drains, Manual loading/unloading embankment, sweeping before black topping and watering after wards. etc."

**Regulation 21: Amendments**

The Employer may from time to time, add to or amend these regulations and issue such directions as he may consider necessary for the purpose of removing any difficulty which may arise in the administration thereof.

Not to be used as a Bid Document, Only for Reference

**REGISTRATION OF WORKMAN  
(Regulation 7)**

- 1) Name and address of the Contractor : \_\_\_\_\_
- 2) Number and Date of the Contract : \_\_\_\_\_
- 3) Name and address of the  
Department awarding the Contract : \_\_\_\_\_
- 4) Nature of the Contract and Location  
of the work : \_\_\_\_\_
- 5) Duration of the Contract : \_\_\_\_\_

Sl. No.	Name and surname of the worker	Age & sex	Father' s/ husband' s name	Nature of employment Designation	Permanent Home Address of Employee (Village, Distt, Thana)	Present Address	Date of commencement of employment	Date of termination or leaving of employment	Signature or thumb impression of the Employee	Remarks
1	2	3	4	5	6	7	8	9	10	11

Not to be used as a Bid Document, Only for Reference



**EMPLOYMENT CARD**  
(Regulation 8)

- i) Name and Sex of the Worker : \_\_\_\_\_
- ii) Father's / Husband's Name : \_\_\_\_\_
- iii) Address : \_\_\_\_\_
- iv) Age or Date of Birth : \_\_\_\_\_
- v) Identification Marks : \_\_\_\_\_

Particulars of next of kin (wife/husband and children, if any, or of dependent next of kin in case the worker has no wife/ husband or child):

Name : \_\_\_\_\_

Full Address of Dependents : \_\_\_\_\_

(Specify Village, Distt and State) : \_\_\_\_\_

\_\_\_\_\_

Sl.No.	Name and address of Employer (Specify whether a contractor or a sub- contractor)	Particulars of location of work site and description of work done	Total period for which the worker is employed (from...to ...)	Actual number of days worked	Leave taken (No. of days should be specified)	Nature of work done by the worker	Wage period	Wage rate with particulars of unit rate in case of piece work	Total wages earned by the worker the period shown under	Remarks	Signature of the employer
1	2	3	4	5	6	7	8	9	10	11	12

N.B : For a worker employed at one time on piece work basis and at another on daily wages, relevant extra in respect of each type of employment should be made separately.

**REGISTER OF WAGES CUM MUSTER ROLL****(Regulation 9 (i))**

- i) Name and Address of the Contractor : \_\_\_\_\_
- ii) No. & Date of the Contract : \_\_\_\_\_
- iii) Name and address of the Department  
awarding the Contract : \_\_\_\_\_
- iv) Nature of the Contract and Location of the Work : \_\_\_\_\_
- v) Duration of the Contract : \_\_\_\_\_
- vi) Wage Period : \_\_\_\_\_

Fair Wages Payable	Wages Paid	Overtime worked	Deduction from wages
1	2	3	4

**WAGE SLIP**  
**(Regulation 9 (ii))**

\_\_\_\_\_  
Name of Contractor:  
\_\_\_\_\_

Place:

1. Name of the Worker with father/Husband's Name
2. Nature of Employment
3. Wage Period
4. Rate of Wages Payable
5. Total attendance/ Unit of work done
6. Date (s) on which overtime worked
7. Overtime Wages
8. Gross Wages Payable
9. Total Deductions (including nature of deductions)
10. Net Wages Payable

\_\_\_\_\_  
Signature/Thumb Impression  
of Contractor

\_\_\_\_\_  
Signature/Thumb Impression  
of Employee

**REGISTER OF FINES**  
**(Regulation No.10 (vii))**

Sl. No.	Name	Father's/ Husband's Name	Sex	Department	Nature and Date of the offence for which fine imposed	Whether workmen showed cause against fine or not, if so enter date	Rate of wages	Date and amount of fine posed	Date on which fine realised	Remarks
1	2	3	4	5	6	7	8	9	10	11

Not to be used as a Bid Document, Only for Reference

**REGISTER OF DEDUCTIONS FOR DAMAGES OR LOSS CAUSED TO THE CORPORATION BY THE  
NEGLECT OR DEFAULT OF THE EMPLOYED PERSONS**

Sl. No.	Name	Father' s/ Husband' s Name	Sex	Department	Damage or loss caused with date	Whether worker showed cause against deductions if so, enter details	Date of amount of deduction imposed	Number of instalment if any	Date on which total amount realised	Remarks
1	2	3	4	5	6	7	8	9	10	11

## Part B – Specific Provisions

**- Note -**

*Part B - Specific Provisions of the Particular Conditions of Contract are intended to address country, project, and contract specific requirements not covered by the General Conditions of Contract. Whoever drafts the specific provisions should be thoroughly familiar with the provisions of the General Conditions of Contract and with any specific requirements of the contract. Legal advice is recommended when amending provisions or drafting new ones.*

Not to be used as a Bid Document, Only for Reference

APPENDIX-A  
(RESETTLEMENT PLAN)

Not to be used as a Bid Document, Only for Reference

---

## **Section-8**

### **Appendix-A**

## **Resettlement Plan**

---

February 2022

### **IND: Bihar State Highways Project 3 (Phase 2)**

#### **SH-98 (Katihar – Balrampur Road)**

Prepared by Bihar State Roads Development Corporation Limited (BSRDCL), Government of Bihar for the Asian Development Bank.



Not to be used as a Bid Document, Only for Reference

---

## CURRENCY EQUIVALENTS

(As of 31 December 2021)

Currency Unit	–	Indian Rupee (INR)
INR 1.00	=	0.013 USD
USD 1.00	=	INR 74.35

## ABBREVIATIONS

ADB	–	Asian Development Bank
BSR	–	Basic Schedule of Rates
BSHP	–	Bihar State Highways Project
DC	–	District Collector
DP	–	Displaced person
EA	–	Executing Agency
GOI	–	Government of India
GRC	–	Grievance Redressal Committee
IA	–	Implementing Agency
IAY	–	Indira Aawas Yojana
IPP	–	Indigenous Peoples Plan
LA	–	Land acquisition
DLAO	–	District Land Acquisition Officer
RFCT in LARR Act- 2013	–	The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013
LVC	–	Land Valuation Committee
MORTH	–	Ministry of Road Transport and Highways
NGO	–	Nongovernment organization
NRRP	–	National Rehabilitation and Resettlement Policy, 2007
PD	–	Project Director
PIU	–	Project implementation unit
R&R	–	Resettlement and rehabilitation
RO	–	Resettlement Officer
ROW	–	Right-of-way
RP	–	Resettlement plan
SC	–	Scheduled caste
SH	–	State highway
SPS	–	Safeguard Policy Statement
ST	–	Scheduled tribe

This Resettlement Plan(RP) is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

In preparing any country program or strategy, financing any project, or by making any designation of or reference to a particular territory or geographic area in this document, the Asian

---

Development Bank does not intend to make any judgments as to the legal or other status of any territory or area.

## Glossary

**Cut-off Date:** For titleholders in case of land acquisition, the date of publication of preliminary notification for acquisition under section 11 of the RFCT in LARR Act – 2013, is treated as the cut-off date. In case of non-titleholders, the date of start of census survey is the cut-off date.

**Displaced Persons:** In the context of involuntary resettlement, displaced persons are those who are physically displaced (relocation, loss of residential land, or loss of shelter) and/or economically displaced (loss of land, assets, access to assets, income sources, or means of livelihoods) as a result of (i) involuntary acquisition of land, or (ii) involuntary restrictions on land use or on access to legally designated parks and protected areas.

**Economic Displacement:** Loss of land, assets, access to assets, income sources, or means of livelihoods as a result of (i) involuntary acquisition of land, or (ii) involuntary restrictions on land use or on access to legally designated parks and protected areas.

**Insignificant Impact:** Where the impact on land is less than 10 percent of the total area or impact on structure is partial and does not require relocation.

**Meaningful Consultation:** A process that (i) begins early in the project preparation stage and is carried out on an ongoing basis throughout the project cycle; (ii) provides timely disclosure of relevant and adequate information that is understandable and readily accessible to affected people; (iii) is undertaken in an atmosphere free of intimidation or coercion; (iv) is gender inclusive and responsive, and tailored to the needs of disadvantaged and vulnerable groups; and (v) enables the incorporation of all relevant views of affected people and other stakeholders into decision making, such as project design, mitigation measures, the sharing of development benefits and opportunities, and implementation issues.

**Physical Displacement:** Relocation, loss of residential land, or loss of shelter as a result of (i) involuntary acquisition of land, or (ii) involuntary restrictions on land use or on access to legally designated parks and protected areas.

**Vulnerable groups:** include below the poverty line, the landless, the elderly, women and children, and Indigenous Peoples, and those without legal title to land.

**Significant Impact:** Landowners losing shelter and required relocation or losing more than 10% of their productive assets.

Not to be used as a Bid Document, Only for Reference

## CONTENTS

### EXECUTIVE SUMMARY v

### 1. PROJECT DESCRIPTION 1

A.	Introduction.....	1
B.	Project Description.....	1
C.	General Profile of the Project Area.....	4
D.	Project Impacts and Benefits.....	5
E.	Minimizing Resettlement.....	6
F.	Scope and Objective of Resettlement Plan (RP).....	6
G.	Methodology for Resettlement Plan.....	7

### 2. SCOPE OF LAND ACQUISITION AND RESETTLEMENT 8

A.	Land Acquisition Requirement .....	8
B.	Resettlement Impacts .....	8
C.	Loss of Private Land in the Project .....	10
D.	Magnitude of Impact on Land in the Project.....	11
E.	Loss of Private Structures in the Project .....	11
F.	Type of Private Structure in the Project .....	12
G.	Use of Private Structures affected by the Project.....	12
H.	Type of Construction of Affected Structures .....	13
I.	Age of the Affected Structures.....	13
J.	Loss of Livelihoods in the Project .....	14
K.	Loss of Community Property Resources.....	14
L.	Loss of Private Trees.....	14

### 3. SOCIOECONOMIC INFORMATION AND PROFILE 15

A.	General Socio-economic Profile of DPs .....	15
B.	Number of DPs .....	15
C.	Social Categories of the DPs.....	15
D.	Religious Categories of the DPs .....	15
E.	Number of DPs considered as Separate family as per LA Act.....	16
F.	Educational Status of DPs .....	16
G.	Occupational Status of DPs.....	16
H.	Annual Income Level of the Affected Households .....	17
I.	Vulnerable Households being Affected in the Project .....	17
J.	Project Impact on Indigenous People.....	18
K.	Project Impact on Women.....	18

### 4. STAKEHOLDERS CONSULTATION AND PARTICIPATION 22

A.	Stakeholders in the Project.....	22
B.	Public Consultation in the Project.....	22
C.	Methods of Public Consultation.....	22
D.	Scope of Consultation and Issues.....	22
E.	Findings of Focused Group Discussions .....	23
F.	Consultation with Officials and Other Stakeholders .....	24
G.	Plan for further Consultation in the Project .....	25
H.	Information Disclosure .....	26

## 5. LEGAL FRAMEWORK 27

A. Introduction.....	27
B. Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act (RFCT in LARR), 2013.....	27
C. Legal and Policy Frameworks of Bihar State.....	28
D. ADB's Safeguard Policy Statement (SPS), 2009.....	28
E. Comparison of Government and ADB Policies.....	29
F. R&R Policy Framework for the Project.....	32
G. Valuation of Assets.....	33

## 6. ENTITLEMENTS, ASSISTANCE AND BENEFITS 36

A. Introduction.....	36
B. Cut-off-Date for Entitlement.....	36
C. Project Entitlement.....	36
D. Entitlement Matrix.....	38

## 7. RELOCATION OF HOUSING AND SETTLEMENTS 50

A. Basic Provision for Relocation.....	50
B. Need for Relocation.....	50
C. Relocation and Compensation Option by DPs.....	50
D. Relocation Strategy.....	51
E. Relocation Strategy for CPR.....	51

## 8. INCOME RESTORATION AND REHABILITATION 52

A. Loss of Livelihoods in the Project.....	52
B. Provisions for Loss of Livelihood.....	52
C. Income Restoration Measures.....	53
D. Additional Support from Ongoing Poverty Reduction Programs.....	53

## 9. RESETTLEMENT BUDGET AND FINANCING PLAN 54

A. Introduction.....	54
B. Compensation.....	54
C. Assistance.....	55
D. Compensation for Community and Government Property.....	55
E. RP Implementation and Support Cost.....	55
F. R&R Budget.....	56
G. Source of Funding and Fund Flow Management.....	57

## 10. GRIEVANCE REDRESS MECHANISM 58

A. Introduction.....	58
B. Grievance Redress Mechanism.....	58
C. Constitution and Function of the GRC.....	58

## 11. INSTITUTIONAL ARRANGEMENT 60

A. Institutional Requirement.....	60
B. Executing Agency.....	60
C. Resettlement Management at PIU.....	60
D. RP implementing agency.....	61

E.	Capacity Building on RP in the EA .....	62
<b>12.</b>	<b>IMPLEMENTATION SCHEDULE</b>	<b>64</b>
A.	Introduction.....	64
B.	Schedule for Project Implementation.....	64
C.	Project Preparation Phase.....	64
D.	RP Implementation Phase .....	64
E.	Monitoring and Reporting Period .....	64
F.	R&R Implementation Schedule .....	65
<b>13.</b>	<b>MONITORING AND REPORTING</b>	<b>66</b>
A.	Need for Monitoring and Reporting.....	66
B.	Monitoring in the Project .....	66
C.	Monitoring by PIU .....	66
D.	External Monitoring.....	66
E.	Stages of Monitoring.....	67
F.	Preparatory Stage .....	67
G.	Relocation Stage .....	68
H.	Rehabilitation Stage .....	68
I.	Monitoring Indicators .....	68
J.	Reporting Requirements .....	70

## APPENDIXES

APPENDIX 1: CENSUS SURVEY QUESTIONNAIRE .....	72
APPENDIX 2: LIST OF DISPLACED PERSONS (TITLEHOLDERS).....	77
APPENDIX 3: LIST OF CPR.....	178
APPENDIX 4: FINDINGS OF CONSULTATIONS .....	182
APPENDIX 5: PHOTOGRAPHS AND LIST OF PARTICIPANTS IN FGD ALONG THE ROAD ....	191
APPENDIX 6: TERMS OF REFERENCE (TOR) FOR THE RP IMPLEMENTING AGENCY TO IMPLEMENT THE RESETTLEMENT PLAN (RP) FOR TWO-LANE SH-98.....	212
APPENDIX 7: TERMS OF REFERENCE FOR AN EXTERNAL MONITORING AGENCY/EXPERT FOR 2-LANE SH-98 ROAD PROJECT .....	219
APPENDIX 8: PHOTO IDENTIFICATION OF DISPLACED PERSON .....	222

## LIST OF TABLES:

Table 1: Summary Project Impacts.....	v
Table 2: List of Project Affected Villages .....	2
Table 3: Demographic Indicators of Project Districts and State .....	5
Table 4: Land Acquisition Requirements under the Project .....	8
Table 5: Loss of Property and Number of Displaced Households.....	8
Table 6: Category wise Displacement of Households .....	9
Table 7: Type of Affected Private Land .....	10
Table 8: Use of Affected Private Land .....	10
Table 9: Type of Private Land Ownership.....	10
Table 10: Magnitude of Impact and Displaced Households .....	11
Table 11: Loss of Private Structures in the Project.....	11
Table 12: Magnitude of Impacts on Structures .....	11
Table 13: Type of Private Structure affected by the Project.....	12
Table 14: Use of Private Structure affected by the Project.....	12
Table 15: Type of Construction of Affected Structure .....	13

Table 16: Age of Affected Structure.....	13
Table 17: Loss of Livelihoods in the Project .....	14
Table 18 : Type of affected CPR .....	14
Table 19 : Type of affected Trees .....	15
Table 20: Number of Displaced Persons.....	15
Table 21: Social Categories of the DPs .....	15
Table 22: Religious Categories of the DPs .....	16
Table 23: Number of DPs considered as Separate family as per LA Act .....	16
Table 24: Educational Status of DPs.....	16
Table 25 : Occupational Status of DPs .....	17
Table 26: Annual Income Level of the Affected Households.....	17
Table 27: Vulnerable Households being affected .....	17
Table 28 : Role of Women in Financial Decision Making .....	18
Table 29 : Number of Households having Women with different Assets .....	19
Table 30 : Number of Households having Women with Bank Account.....	19
Table 31 : Number of Households having Women as Member of SHG.....	20
Table 32 : Number of Households having Women with Bank Account.....	20
Table 33: Methods of Public Consultations .....	22
Table 34: Summary findings of Consultation .....	23
Table 35: Details of Consultation with Officials .....	24
Table 36 : Future Public Consultation and Disclosure Plan .....	26
Table 37 : Comparison of ADB and GoI Policy .....	29
Table 38: Entitlement Matrix .....	40
Table 39: Loss of Private Structure.....	50
Table 40: DPs Choice on Relocation and Compensation .....	50
Table 41 : Loss of Livelihoods in the Project .....	52
Table 42: R&R Budget .....	56
Table 43 : Agencies Responsible for Resettlement Implementation .....	61
Table 44. R&R Implementation Schedule .....	65

#### LIST OF FIGURES:

Figure 1: Location Map of Project Road .....	2
Figure 2: Typical Cross Section of The Road.....	6



## EXECUTIVE SUMMARY

### A. Project Description

1. The Bihar State Road Development Corporation Limited (BSRDCL), Government of Bihar is planning to upgrade State Highway number SH-98 (Katihar – Balrampur Road) from existing single/intermediate lane to double lane with total road length of 62.890 km in Katihar district and requested ADB for financing of the project. This RP for two-lane road project is prepared based on the detailed design report prepared by BSRDCL. The RP complies with the applicable State Government, Government of India, and ADB policy and legal framework. This project is considered as Category A<sup>2</sup> for Involuntary Resettlement (IR) per ADB's Safeguard Policy Statement (SPS 2009).

2. The proposed 2-lane road, starts from Km 23+250 of SH-62 (Purnia-Katihar road) toward left near Sirsa military camp. It passes through major settlement like Sonoulli, Salmari, Barsoi and Balrampur besides a lot of rural settlements all along the road length and ends at Balrampur at border of Bihar and West Bengal. The project road continues in west Bengal and meets to two lane Raiganj- Dalkola section of NH-34 at Tungidighi, which is 2 km from Border of Bihar and West Bengal. The project aims to provide smooth traffic movement for the escalating traffic and enhance capacity and improved services to alleviate the likely capacity constraints to be generated after the future development in the region. The project on its implementation would increase the physical infrastructure and boost the economic growth in the region.

### B. Scope of Land Acquisition and Resettlement

3. As per the technical design, the roadway width proposed for 2-lane carriageway with paved shoulder is 12.00 m. The existing Right of Way, as per the government records, is 5 to 26 mt. and hence, private land is required to improve alignment at certain locations. The proposed centerline is designed such that minimal land acquisition is required. The project impact assessed through project census survey includes loss of land and non-land assets and loss of livelihoods. It was found that 141.32 acre of private land and 1904 structures owned by 2527 households will be affected. The affected households are both titleholders and non-titleholders i.e., encroachers and squatters. A full census survey was carried out to identify the persons who would be displaced by the project and the summary findings are presented in the following Table.

**Table 1: Summary Project Impacts**

Sl. No.	Impacts	Number
1	Area of private land to be acquired (in Acres)	141.32
2	Total number of private structures affected	1904
3	Total number of displaced households	2527
4	Total number of displaced persons	16119
5	Total number of economically displaced households	2005
6	Total number of physically displaced households	501
7	Total number of economically and physically displaced household	21
8	Total number of vulnerable households displaced	1427
9	Total number of CPR (structure) affected	91

<sup>2</sup> ADB Safeguard Policy Statement Operations Manual Section F1: Involuntary Resettlement Category A: Significant means 200 or more affected people will experience major impacts, which are defined as (i) being physically displaced from housing, or (ii) losing 10% or more of their productive assets (income generating). Involuntary Resettlement Category B: Not Significant include involuntary resettlement impacts that are not deemed significant as per the ADB Operational manual Involuntary Resettlement Category C: No involuntary resettlement impacts. A resettlement plan is required in case of both category A and B project.

### **C. Socioeconomic Information and Profile**

4. The social stratification of the project area shows the dominance of other backward caste (OBC) population with 1301 (53.12%) households. There are 16119 displaced persons in total, which includes 8670 (54%) males and 7449 (46%) females. The average household size is 7 and the sex ratio among DPs is 859. According to project census survey there are 1427 vulnerable households affected by the project. The educational status of DPs reveals that 19% DPs are still illiterate in the project area. Around 60 scheduled tribe (ST) households are also being affected due to the project. The impact on them will be same as on general population.

### **D. Stakeholders Consultation and Participation**

5. Public consultations were conducted at 15 locations attended by 272 persons (102 male and 170 female) in the project to ensure peoples' participation during the project census survey. The male and females were consulted in separate 15 consultation meetings. Aiming at promotion of public understanding and fruitful solutions of developmental problems such as local needs and problem and prospects of resettlement, various sections of DPs and other stakeholders were consulted through focus group discussions and individual interviews. Several additional rounds of consultations with DPs and communities will form part of the further stages of project preparation and implementation. The RP implementing agency will be entrusted with the task of conducting these consultations during RP implementation, which will involve disclosure on compensation, assistance options, and entitlement package and income restoration measures suggested for the project.

6. To keep more transparency in planning and for further active involvement of DPs and other stakeholders the project information will be disseminated through disclosure of resettlement planning documents. The EA will provide relevant resettlement information, including information from the above-mentioned documents in a timely manner, in an accessible place and in a form and language(s) understandable to displaced persons and other stakeholders.

### **E. Legal Framework**

7. The legal framework and principles adopted for addressing resettlement issues in the Project have been guided by the existing legislation and policies of the GOI, the Government of Bihar and Asian Development Bank. Prior to the preparation of the RP, a detailed analysis of the existing national and state policies was undertaken and an entitlement matrix has been prepared for the project. This RP is prepared based on the review and analysis of all applicable legal and policy frameworks of the country and ADB policy requirements. The gaps between the policies have been identified and addressed to ensure that the RP adheres to the SPS (2009) requirements.

8. All compensation and other assistances will be paid to all DPs prior to commencement of civil works. After payment of compensation, DPs would be allowed to take away the materials salvaged from their dismantled houses and shops and no charges will be levied upon them for the same. The value of salvaged materials will not be deducted from the overall compensation amount due to the DPs. A notice to that effect will be issued intimating that DPs can take away the materials.

### **F. Entitlements, Assistance and Benefits**

9. For titleholders in case of land acquisition, the date of publication of preliminary notification for acquisition under section 11 of the RFCT in LARR Act – 2013 will be treated as the cut-off date. For

non-titleholders, the cut-off date will be the start of the census survey which is 28 September 2021 in case of SH-98. The structures affected under the project will be compensated at replacement cost. DPs who settle in the affected areas after the cut-off date will not be eligible for compensation. They, however, will be given sufficient advance notice, requested to vacate premises and dismantle affected structures prior to project implementation. Their dismantled structures materials will not be confiscated and they will not pay any fine or suffer any sanction.

### **G. Relocation of Housing and Settlements**

10. There are 501 households will be losing their shelter and therefore, require relocation. The IA will provide adequate and appropriate cash compensation at full replacement cost to the titleholders for their lost land and structures including eligible relocation assistance. The IA will compensate to the non-titleholders for the loss of assets other than land, such as dwellings, and also for other improvements to the land, at full replacement cost with eligible assistance. The entitlements to the non-titleholders will be given only if they occupied the land or structures in the project area prior to the cut-off date.

### **H. Income Restoration and Rehabilitation**

11. The project impact reveals that due to loss of land and commercial structures, 1820 households are losing their livelihood under the project. The entitlement proposed for the project has adequate provisions for restoration of livelihood of the affected communities. The focus of restoration of livelihoods is to ensure that the DPs are able to at least achieve national minimum standards. To restore and enhance the economic conditions of the DPs, certain income generation and income restoration programs are incorporated in the RP. To begin with providing employment to the local people during the construction phase will enable them to benefit from the project, reduce the size of intrusive work forces and keep more of the resources spent on the project in the local economy. It will also give the local communities a greater stake and sense of ownership in the project.

### **I. Resettlement Budget and Financing Plan**

12. The resettlement cost estimate for this project includes eligible compensation, resettlement assistance and support cost for RP implementation. The support cost, which includes staffing requirement, monitoring and reporting, involvement of RP implementing agency in project implementation and other administrative expenses are part of the overall project cost. Contingency provisions have also been made to take into account variations from this estimate. The total budget for the proposed project RP is Rs 5151.6 million.

### **J. Grievance Redressal Mechanism**

13. A Grievance Redressal Committee (GRC) will be established at the district level with the primary objective of providing a mechanism to mediate conflict and cut down on lengthy litigation. It will also provide people, who might have objections or concerns about their assistance, a public forum to raise their objections and through conflict resolution, address these issues adequately. The GRC will be headed by the District Collector (DC) or his designated representative. The GRC will have representative from the PIU, representative of DPs, particularly of vulnerable DPs, local government representative, representative of local NGOs and other interest groups as felt necessary. All Grievances will be routed through the RP implementing agency to the GRC. The RP implementing agency will act as an in-built grievance redress body. The RP implementing agency will first of all register the grievances and take up with VLC for redress and any grievances not redressed at VLC level will be dealt in by the GRC. Grievances will be redressed within two to four weeks from the date of lodging the complaints, depending

on severity of problem. However, an aggrieved person will have access to the country's judiciary at any stage of the project level grievance redress process. Taking grievances to Judiciary will be avoided as far possible and the RP implementing agency will make utmost efforts at reconciliation at the level of GRC.

#### **K. Institutional Arrangement**

14. The Executing Agency (EA) for the Project is BSRDC, Government of Bihar. The existing BSRDC has already set up a Project Implementation Unit (PIU) headed by a Deputy General Manager (DGM) assisted by Managers. This office will be functional for the whole Project duration. The PIU will hire an RP implementing agency for supporting it in implementation of R&R activities. The staffs at the PIU level will be provided with the training by the social/ resettlement specialist of the supervision consultant for implementation of the RP. Many of the BSRDCL staffs are already having prior experience of implementing RP under previous projects and further to enhance their capacity, a training/workshop will be conducted under the project involving other implementing support agencies.

#### **L. Implementation Schedule**

15. Implementation of RP mainly consists of compensation to be paid for affected structures and rehabilitation and resettlement activities. The time for implementation of resettlement plan will be scheduled as per the overall project implementation. The civil works contract for each project will only be awarded after all compensation and relocation has been completed for project and rehabilitation measures are in place. The proposed project R&R activities are divided into three broad categories based on the stages of work and process of implementation such as Project Preparation phase, RP Implementation phase and Monitoring and Reporting phase.

#### **M. Monitoring and Reporting**

16. RP implementation for the project by the RP implementing agency will be closely monitored by the EA. Keeping in view the significance of resettlement impacts of the overall project, the monitoring mechanism for this project will have both internal monitoring by PIU and external monitoring by an external expert. PIU responsible for supervision and implementation of the RP will prepare monthly progress reports on resettlement activities and submit to PIU. PIU will submit semi-annual RP monitoring reports to ADB. The external monitoring expert responsible for monitoring of the RP implementation will submit a semi-annual review report to EA and ADB to determine whether resettlement goals have been achieved, more importantly whether livelihoods and living standards have been restored/ enhanced and suggest suitable recommendations for improvement.

## 1.

**PROJECT DESCRIPTION****Introduction**

1. Bihar has experienced consistent socio-economic development over the last decade with an economic growth rate of 15.01 % at current prices in year 2018-19 which is higher than the growth rate for the Indian economy. 3 Significant improvement in road infrastructure has led to a cumulative growth in all sectors like agriculture, labor, employment, trade and manufacturing resulting in an increased per capita income from Rs. 21,750 in 2011-12 to Rs 30,617 in 2018-19. However, Bihar remains as 5th low-income state of India along with 34% of population living below poverty line<sup>4</sup>

2. The aim of Sustainable Development Goal-9 (SDG 9) is to develop quality and resilient infrastructure at the regional and trans border levels. The available and accessible infrastructure is an important driver for economic development. Infrastructure complements economic growth and vice versa. For instance, the development of transport infrastructure expands the scope and size of the market and also improves productivity significantly; on the other hand, economic growth enables the state to create more infrastructure. Apart from ensuring better economic growth prospect, integration of local markets with the global market, technological innovation, and the progress in infrastructure also help in reducing poverty.

3. The economy of Bihar is mainly based on agricultural and trading activities. The industrial and agricultural developments have led to higher transport demand. With the higher transport demand and the expansion of the existing business, there is a growing mismatch between the vehicular population and availability of road infrastructure, which has resulted in traffic congestions, deteriorated level of traffic efficiency and road safety. As a result of the aforementioned growth and need to fulfill the mismatch, various new infrastructure development projects have been planned across the state. The Government of Bihar acting through Bihar State Road Development Corporation Limited (BSRDCL) has taken the needful action.

4. The road master plan<sup>5</sup> prepared by State Government of Bihar under ADB-supported TA-8170 estimates that \$15.8 billion is required in capital expenditure for road improvements by 2035. Following this plan, BSRDC through the Government of Bihar, posed a proposal to ADB to take up a set of state roads for upgrading into two-lanes with paved shoulders. For the proposed sub project road, State Government of Bihar will be the Executing Agency (EA) and the Implementing Agency (IA) will be the BSRDCL. A Project Implementation Unit (PIU) is established for the project, which is responsible for conducting the social assessment and formulating Resettlement Plan (RP) for the project.

**Project Description**

5. SH-98 (Katihar – Parampur) Road Project in Phase-2 is located in the Katihardistrict of Bihar. The Project Road predominantly traverses the plain terrain, starts from Km 23+250 of SH-62 (Purnia-Katihar road) toward left forming Tjunction with SH-62. Start of project road passes through Sirsa Military camp (military recruitment office at left side). Katihar medical college is situated at Km 23+600 toward right side of SH-62, near to the start of SH-98. Project ends at Balrampur (Border of Bihar and West Bengal) and leads to Tungidighi in West Bengal forming T-junction with two lane section of Raiganj- Dalkola section of NH-34. Existing road is generally single/intermediate lane with carriageway

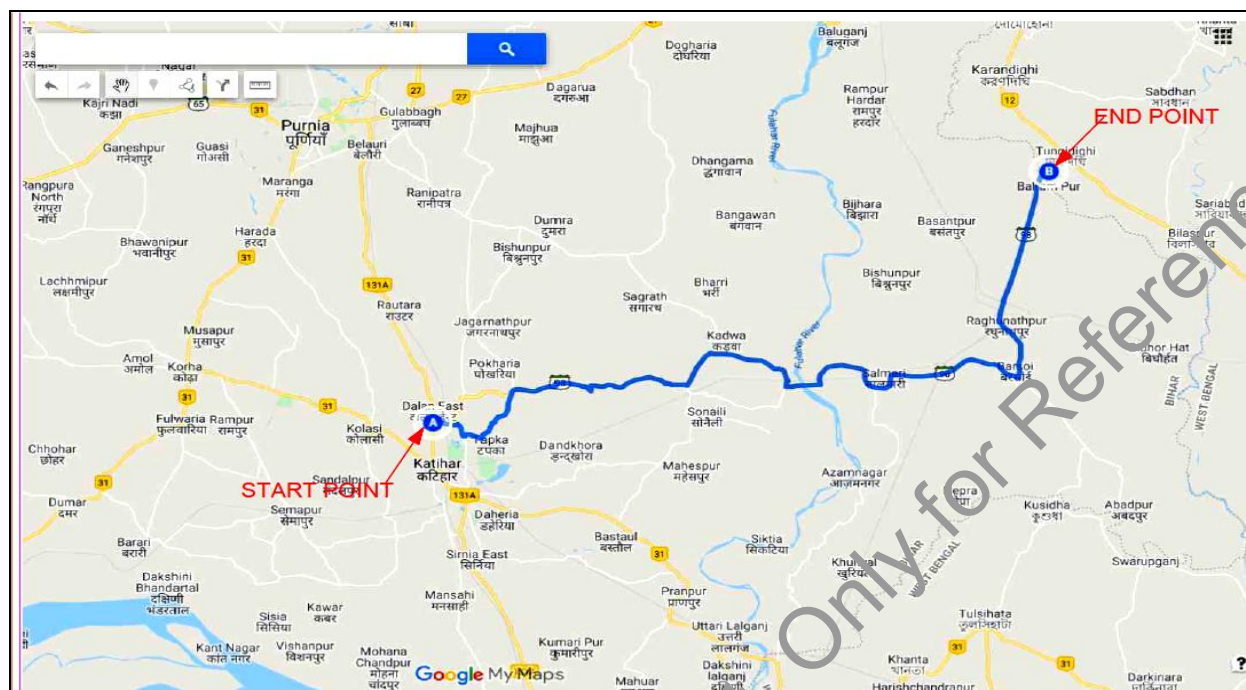
3 Bihar Economic Survey 2019 – 20, Finance Department, Government of Bihar

4 Bihar: Poverty, Growth & Inequality, World Bank Group, May 2016

5 Road Master Plan for Bihar's State Highway Development (2015-2035). Prepared under TA-8170 with Loan 2894-IND "India: Bihar State Highways II Project — Additional Financing."

varies from 3.0-5.5m except at Sonaili and others small stretches where it is 7.0m carriageway without paved shoulder. There is no clear physical demarcation of the existing right of way at site. As per information provided by BSRDC, existing ROW varies from 5 mt to 26mt at different sections of the project highway. The project location map is presented in **Figure 1**.

**Figure 1: Location Map of Project Road**



6. The total road length is 62.890 kms with single lane and intermediate (width-3.75-5.5 mt) specification. The land use along the project highway is predominantly agricultural followed by built up residential and commercial markets. Terrain of the project area is flat and plain. The corridor passes through many congested settlements where lot of local traffic gets mixed up with the through traffic. Project road passes through 57 settlement/villages as presented in following **Table 2**.

**Table 2: List of Project Affected Villages**

S.No	Project Villages/Settlements	Name of District	Name of Block	Chainage (km)	
				From	To
1	Dalan	Katihar	Katihar	0+000	3+700
2	Tapka	Katihar	Katihar	3+330	5+550
3	Belwa	Katihar	Katihar	4+800	6+934
4	Borni Gorgawan	Katihar	Dandkhora	6+934	9+850
5	Devkhand	Katihar	Dandkhora	9+700	9+850
6	Bhataura	Katihar	Kadwa	9+850	9+980
7	Sauria	Katihar	Dandkhora	9+980	12+000
8	Ankhar	Katihar	Dandkhora	12+000	12+928
9	Humshaili	Katihar	Dandkhora	12+928	13+441
10	Bhamraili	Katihar	Dandkhora	13+130	16+372
11	Regheli	Katihar	Dandkhora	15+565	16+370

S.No	Project Villages/Settlements	Name of District	Name of Block	Chainage (km)	
				From	To
12	Vilahi Araj	Katihar	Dandkhora	16+370	18+105
13	Jelas	Katihar	Dandkhora	17+723	17+875
14	Nijhura	Katihar	Kadwa	18+105	18+600
15	Njhura	Katihar	Kadwa	18+600	19+800
16	Pothi	Katihar	Kadwa	19+720	20+820
17	Pelagor	Katihar	Kadwa	20+820	23+000
18	Harda	Katihar	Kadwa	22+600	23+300
19	Diari	Katihar	Kadwa	22+945	23+400
20	Bijuhar	Katihar	Kadwa	23+300	25+315
21	Rupaili	Katihar	Azamnagar	25+310	25+400
22	Maniknagar	Katihar	Azamnagar	25+310	26+555
23	Gothaila	Katihar	Azamnagar	25+535	28+550
24	Jhaua	Katihar	Azamnagar	27+900	28+950
25	Kaldehi	Katihar	Azamnagar	28+732	30+713
26	Minapur	Katihar	Kadwa	30+713	32+153
27	Janakpur	Katihar	Kadwa	31+550	31+600
28	Unaso Pachgachhi	Katihar	Kadwa	32+153	33+000
29	Bathan Kheti	Katihar	Kadwa	33+000	33+758
30	Benijalapur	Katihar	Kadwa	33+758	33+878
31	Tahirpur	Katihar	Azamnagar	33+878	35+685
32	Pindhal	Katihar	Azamnagar	35+685	37+230
33	Gajna	Katihar	Azamnagar	37+000	38+000
34	Sihpur	Katihar	Azamnagar	38+000	38+255
35	Tengri	Katihar	Azamnagar	38+255	39+633
36	Teghra	Katihar	Azamnagar	39+633	39+900
37	Mukuria	Katihar	Azamnagar	39+900	43+170
38	Nauranga	Katihar	Azamnagar	43+170	43+640
39	Jitawarpur	Katihar	Azamnagar	43+640	44+823
40	Sultanpur	Katihar	Barsoi	44+823	47+300
41	Dakardpuja	Katihar	Barsoi	46+580	46+715
42	Bhag Barsoi	Katihar	Barsoi	47+275	47+935
43	Molnapur	Katihar	Barsoi	47+935	49+010
44	Raghunathpur	Katihar	Barsoi	49+010	49+957
45	Raghunathpur	Katihar	Barsoi	49+957	52+622
46	Mannan	Katihar	Barsoi	52+622	53+900
47	Langaria	Katihar	Barsoi	53+900	54+654
48	Daula	Katihar	Barsoi	54+654	55+800
49	Rajaul	Katihar	Balrampur	55+700	56+500
50	Pachra	Katihar	Balrampur	55+800	57+420
51	Parwa	Katihar	Balrampur	57+420	58+100
52	Laucha	Katihar	Balrampur	58+100	58+160

S.No	Project Villages/Settlements	Name of District	Name of Block	Chainage (km)	
				From	To
53	Belwa	Katihar	Balrampur	58+015	58+550
54	Haripur	Katihar	Balrampur	58+160	59+120
55	Mirangpur	Katihar	Balrampur	58+550	59+120
56	Dullahpur	Katihar	Balrampur	59+120	60+030
57	Balrampur	Katihar	Balrampur	60+030	62+485

Source: Census Survey, September- December, 2021

7. The road aims to provide smooth traffic movement for the escalating traffic and enhance capacity and improved services to alleviate the likely capacity constraints to be generated after the future development in the region. The project on its implementation would increase the physical infrastructure and boost the economic growth in the region.

8. This RP for SH-98 (Katihar to Balrampur) Road subproject is prepared based on the detailed design report prepared by BSRDCL. The RP complies with the applicable State Government, Government of India and ADB policy and legal framework. This project is considered as Category A<sup>6</sup> for Involuntary Resettlement (IR) as per the ADB Safeguard Policy Statement (SPS 2009).

### General Profile of the Project Area

9. The project area consists of one district of Bihar i.e. Katihar. Brief profile of the district is narrated below.

10. **Katihar District** is located in north eastern part of Bihar State in India. Katihar town is the administrative headquarter of the district. The district has three sub-divisions - Katihar, Barsoi and Manihari. It is one of the largest districts which occupies area of 3,057 Sq KM. There are 16 blocks, 1540 villages and 4 towns in Katihar district.

11. According to census 2011, Katihar had population of 3,071,029 with around 48% of female composition. The sex-ratio of Katihar district is around 919 almost equal if compared to 918 of Bihar state. The literacy rate of Katihar district is 52.24% out of which male and female literacy rates are 59.36% and 44.39% respectively. The total area of Katihar is 3057 sq.km with population density of 1005 per sq.km. Out of total population, 91.1% of population lives in rural areas and 8.9% lives in urban areas. The Scheduled Tribe (ST) population is 5.9% of total population in Katihar district.

12. The topography of Katihar District includes three main rivers namely Ganga River, Mahananda River and Kosi River. The district has alluvial soil and it also has a sandy texture. The land is slightly higher in the north and gradually sloping towards the south. The slope is gradual. There is no hill in the district except a small hillock in Manihari Block, which is composed of nodular limestone. The district is one of the poor districts of India receiving backward region grant. More than half of the population is engaged in farming activities. The main crops are paddy, wheat, maize and pulses and cash crops like banana, sunflower seed, jute, Makhana, etc. Korha is the main center of jute industry in Bihar, which

<sup>6</sup> According to ADB Safeguard Policy Statement (SPS-2009), Involuntary Resettlement Category A: Significant means 200 or more affected people will experience major impacts, which are defined as (i) being physically displaced from housing, or (ii) losing 10% or more of their productive assets (income generating). Involuntary Resettlement Category B: Not Significant include involuntary resettlement impacts that are not deemed significant as per the ADB Operational manual Involuntary Resettlement Category C: No involuntary resettlement impacts. A resettlement plan is required in case of both category A and B project.



attracts workers from neighboring states and also from Nepal. Trading in grains and cloth is common. There are few small industries like two jute mills- Purana Mill and Naya Mill, flour mills and match factory in Katihar district. The cloth market is very vibrant and caters to nearby districts and the bordering States of Nepal and Bangladesh. There are also some old cycles trading companies with huge turnover.

**Table 3: Demographic Indicators of Project Districts and State**

Indicators	Bihar	Katihar
Total Population	104,099,452	3,071,029
Rural Population	88.7%	91.1%
Urban Population	11.3%	8.9%
Area (Sq.km)	94,163	3,057
Population Density/Km <sup>2</sup>	1,106	1,005
Sex Ratio	918	919
Literacy %	61.8	52.24
Schedule Tribe	1.28%	5.9%

Source: Census of India, 2011

### Project Impacts and Benefits

13. The proposed project can be viewed as boosting economic growth and poverty reduction which will bring substantial social and economic development to the region. The social benefits arising due to the project will be triggered due to improved accessibility to various services such as to markets, health facilities, schools, and workplace, which in turn increases the income of the local residents, and ultimately elevating their standard of living. The possible direct and indirect positive impacts of the project are listed below.

- The immediate benefits of road construction and improvement will come in the form of direct employment opportunities for the roadside communities and specially those who are engaged as wage laborers, petty contractors and suppliers of raw materials.
- Improved road network will provide for improved linkages between the village communities and urban center, which provides wider marketing facilities.
- Road network will not only link the village communities to better markets, but also open up wider work opportunities in distant places. People can shuttle to distant work sites and towns and engage in construction, factories, business as well as domestic works.
- Improved road network will encourage urban entrepreneurs to invest in far and remote areas in commercial farming and industrial activities.
- Improved road will also help people building strong institutional network with outside agencies. Essential and emergency services like schools, health center, public distribution system etc. can be availed faster.
- Increased frequency of interaction with outsiders will increase the awareness level of the people in the village with regard to their health and nutrition, living style, value of education and proper utilization of available resources.
- Interaction with the government, non-government and other development agents will help people gain new knowledge on improved farming, land development, development and maintenance of natural resources through the formation of various economic and social development groups.

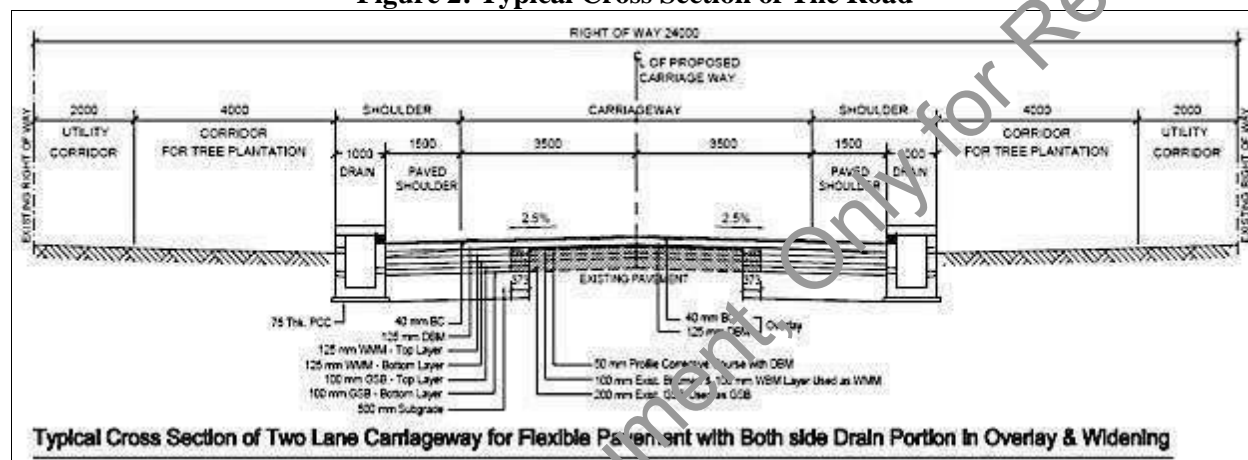
## Minimizing Resettlement

14. Adequate attention has been given during the feasibility and detailed design phases of the project preparation to minimize the adverse impact on land acquisition and resettlement. However, technical and engineering constraints were one of the major concerns during exploration of various alternatives, especially in relations to road safety and decreasing congestion in key sections.

15. The inventory data and typical cross-sections formed the basis of determining the widening requirement. Based on this information along with presence of buildings, trees, utility services along the project road, the centerline of the alignment is designed so as to cause minimum disturbance to existing features. The existing RoW, as per the government records varies from 5 mt to 26 mt. Having insufficient RoW at various locations land acquisition is envisaged under the subproject.

16. The pictorial view of the proposed 2-lane typical cross section is given in **Figure 2**. The carriage way width of 7m is proposed with 2×1.5m paved shoulder and 2×1m earthen shoulder. Lined drain of RCC is proposed in urban areas.

**Figure 2: Typical Cross Section of The Road**



## Scope and Objective of Resettlement Plan (RP)

17. The aim of this Resettlement Plan (RP) is to mitigate all such unavoidable negative impacts caused due to the project and resettle the displaced persons and restore their livelihoods. This RP has been prepared on the basis of project census survey findings and consultation with various stakeholders. The plan complies with ADB Safeguard Policy Statement, 2009 designed by ADB to protect the rights of the displaced persons and communities. The issues identified and addressed in this document are as follows:

- Type and extent of loss of land and non-land assets, loss of livelihood, loss of common property resources and social infrastructure;
- Impacts on indigenous people, vulnerable groups like poor, women and other disadvantaged sections of society
- Public consultation and peoples' participation in the project;
- Existing legal and administrative framework and formulation of resettlement policy for the project;
- Preparation of entitlement matrix, formulation of relocation strategy and restoration of businesses/income;

- R&R cost estimate including provision for fund and;
- Institutional framework for the implementation of the plan, including grievance redress mechanism and monitoring & reporting.

## Methodology for Resettlement Plan

18. For preparation of this RP, a detailed social impact assessment of the project road was carried out including resettlement screening, land acquisition planning, project census survey of affected assets and households and public consultation meetings. The details of methodology adopted for the social impact assessment is discussed in the following section.

### 1. Resettlement Screening

19. A social screening exercise was performed through a reconnaissance survey to gather first-hand information on impact on land acquisition and resettlement with specific attention on land use, presence of legal and/or illegal housing, traffic patterns, cultural resources, urban settlements and other sensitive areas. The aim of reconnaissance survey was to assess the scope of land acquisition and resettlement study and accordingly the detailed plan of action was prepared for the preparation of resettlement plan.

### 2. Resettlement Planning

20. The alignment was finalized as per the detailed engineering design. Initially, the numbers of affected villages were identified as per the alignment and availability of government land was confirmed from the revenue department. Following finalization of the road alignment, cross-sections design and land acquisition requirements, census of all displaced persons (DPs) was carried out in the project. The objective of the project census survey was to identify the persons who would be displaced by the project and to make an inventory of their assets that would be lost to the project, which would be the basis of calculation of compensation.

21. A structured census questionnaire (**Appendix 1**) was used to collect detailed information on affected households/ properties for a full understanding of impacts in order to develop mitigation measures and resettlement plan for the DPs. The survey team was selected locally including some female familiar with local languages and the team was trained by the resettlement specialist and the survey was closely monitored on a regular basis. Additionally, socio-economic data was also collected from the affected households. The census survey includes the following:

- Inventory of the 100% non-land assets
- Categorization and measurements of potential loss
- Physical measurements of the affected assets/structures
- Identification of trees and crops
- Collection of information on social, economic and demographic profile
- Identification of non-titleholders
- Assessment of potential economic and livelihood impact

### 3. Public Consultation

22. To ensure peoples' participation in the planning phase and aiming at promotion of public understanding and fruitful solutions of developmental problems such as local needs of road users and problem and prospects of resettlement, various sections of displaced persons (DPs) and other stakeholders were consulted through focus group discussions, individual interviews and formal and informal consultations. The vulnerable sections of DPs and women were also included in this consultation process.

## 2. SCOPE OF LAND ACQUISITION AND RESETTLEMENT

### Land Acquisition Requirement

23. It is proposed to develop the existing single/intermediate lane road to 2-lane carriageway with paved shoulders. The road formation width proposed for 2-lane carriageway with paved shoulder is only 12.00 m. The existing Right of Way, as verified from the government records varies from 5 mt to 30 mt. and is found not sufficient to develop a road of double lane standard. Further, it is established that the legal ownership of RoW is with BSRDCL. A LAP prepared by BSRDCL indicates land acquisition for at certain locations where RoW is not sufficiently available. Thus, due to acquisition of private land, impact on Titleholder (TH) and Non-titleholder (NTH) is envisaged under this road subproject.

24. As per the LAP prepared for the proposed Project and R&R survey conducted, 154.27 acre of land need to be acquired under this project. The analysis of land acquisition requirement for the project shows that out of total land required for the project 141.32 acre (91.61 %) of land is private land, 12.54 acre (8.13%) is government land and 0.41 acre (0.27%) is religious land. Acquisition of land will affect a total of 1623 households. The land acquisition requirement for the project is presented in the **Table 4**.

**Table 4: Land Acquisition Requirements under the Project**

Sl. No.	Type of Ownership	DH	Area (in Acre)	%
1	Private Revenue	1623	141.32	91.61
3	Government	0	12.54	8.13
4	Religious	0	0.41	0.27
5	Community	0	0.00	0.00
<b>Total</b>		<b>1623</b>	<b>154.27</b>	<b>100.0</b>

### Resettlement Impacts

25. Based on the above requirement, the project impact assessed through project census survey includes loss of land, loss of non-land assets and loss of livelihoods. Other than this, non-land assets known as common properties resources (CPR) including religious, and community ownership are also assessed to be affected by the proposed project.

26. A project census survey was carried out to identify the persons who would be displaced by the project and to make an inventory of their assets that would be lost due to the project, which would be the basis of calculation of compensation. The census survey of proposed SH-98 was carried out in between 28 September and 14 December 2021. Before start of census survey, a videography was also done on the entire stretch to cover the existing road conditions and structures/buildings within the RoW. The start day of project census survey is the cut-off date for non-titleholders eligible for compensation and assistance under the project. It was found that a total 2527 households (2449 losing land, structure or both and 78 tenants/employees/laborers losing their livelihood) would be displaced by this sub project. The details are being provided in the **Table 5 and 6**.

**Table 5: Loss of Property and Number of Displaced Households**

Sl. No.	Category of Loss	No. of Household	%
1	Land with Structure	574	22.76

2	Only Structure	826	32.75
3	Only Land	1049	41.59
4	Other DPs (Tenant/Labourer/Employee)	78	3.09
<b>Total</b>		<b>2527</b>	<b>100.00</b>

27. It was found that a total of 501 households would be physically displaced due to loss of residential structure. Among them 278 are TH and 223 are NTH. Similarly, 2005 households will be economically displaced due to loss of land parcel or commercial structures. They include 1317 TH and 688 NTH. There are total 21 households who will be displaced physically and economically include 13 TH and 8 NTH. A summary on category wise displacement of households is given in **Table 6**. The list of DPs is attached as **Appendix-2**. The findings and magnitude of impacts are discussed in the following sections.

**Table 6: Category wise Displacement of Households**

Sl. No.	Category of Impact	No. of Household	%	TH	NTH
<b>Physically Displaced Households</b>					
1	Owners of Residential Structure	501	100	278	223
2	Residential Tenant	0	0	0	0
<b>Total</b>		<b>501</b>	<b>100.0</b>	<b>278</b>	<b>223</b>
<b>Economically Displaced Households</b>					
1	Owners of Agricultural Land	1049	52.32	1049	0
2	Agricultural Labourer	0	0.00	0	0
3	Agricultural Tenants/ Leaseholders	0	0.00	0	0
4	Sharecropper	0	0.00	0	0
5	Loss of Commercial Structure	672	33.52	179	493
6	Commercial Tenants	73	3.64	0	73
7	Employees in Structures	5	0.25	0	5
8	Other Private	206	10.27	89	117
<b>Total</b>		<b>2005</b>	<b>100.00</b>	<b>1317</b>	<b>688</b>
<b>Physically and Economically Displaced Households</b>					
1	Owners of Residential + Commercial Structure	21	100	13	8
<b>Total</b>		<b>21</b>	<b>100.0</b>	<b>13</b>	<b>8</b>
<b>Grand Total</b>		<b>2527</b>		<b>1608</b>	<b>919</b>

### Loss of Private Land in the Project

28. The land acquisition for the project will affect 1623 titleholder households and the area of acquisition will be a total of 141.32 acre. Out of total affected land 93.41% is agriculture land affecting a total 1387 households as shown in the **Table 7**.

**Table 7: Type of Affected Private Land**

Sl. No.	Type of Land	DH	Area (in Acre)	%
1	Irrigated	1381	131.37	92.96
2	Non-Irrigated	6	0.64	0.45
3	Barren	2	0.08	0.06
4	Forest	0	0.00	0.00
5	Residential	125	4.32	3.06
6	Commercial	63	2.05	1.45
7	Pond	0	0.00	0.00
8	Other	46	2.86	2.02
<b>Total</b>		<b>1623</b>	<b>141.32</b>	<b>100.0</b>

29. The land to be acquired under the Project is under various use. It includes 101.16 acre of land being used by 678 households for agriculture/orchard, 22.14 acre of land being used by 557 households for residential purpose, 10.76 acre of land being used by 226 households for commercial purpose, 5.62 acre of barren land owned by 147 households and 1.64 acre owned by 15 households for not any specific purpose as shown in the **Table 8**.

**Table 8: Use of Affected Private Land**

Sl. No.	Land Use Type	DH	Area (in Acre)	%
1	Cultivation	669	100.56	71.16
2	Orchard	9	0.60	0.42
3	Residential	557	22.14	15.67
4	Commercial	226	10.76	7.61
5	Forestation	0	0.00	0.00
6	No Use/Barren	147	5.62	3.98
7	Other	15	1.64	1.16
<b>Total</b>		<b>1623</b>	<b>141.32</b>	<b>100.0</b>

30. The total land (141.32 acre) under acquisition belong to titleholders only. The ownership is of both single and joint type. It was found that to a maximum 77% displaced households have single ownership on the affected plot. The details of private land ownership are provided below in **Table 9**.

**Table 9: Type of Private Land Ownership**

Sl. No.	Type of Ownership	No. of Household	%
1	Single	1249	76.96
2	Joint	374	23.04
3	Other	0	0.00
<b>Total</b>		<b>1623</b>	<b>100.00</b>

### Magnitude of Impact on Land in the Project

31. The survey revealed that 1163 (72%) households are losing less than 10 % of their land parcel and therefore, the impact is non-significant as per ADB's SPS. The other 460 (28%) households are losing more than 10% of their productive land and hence, the impact is significant. The details are provided in **Table 10**.

**Table 10: Magnitude of Impact and Displaced Households**

Sl. No.	Scale of Impact	No. of Household	%
1	Up to 10%	1163	71.66
2	Above 10% and Below 25%	334	20.58
3	Above 25% and Below 50%	111	6.84
4	Above 50% and Below 75%	13	0.80
5	Above 75%	2	0.12
<b>Total</b>		<b>1623</b>	<b>100.0</b>

### Loss of Private Structures in the Project

32. Due to the proposed project work, 1904 structures, owned by 1400 displaced households will be affected. Among these, 881 structures belong to 575 legal titleholders, 164 structures are owned by 130 encroachers and rest 859 structures are owned by 695 squatter households. The details of loss of structures are presented in the **Table 11**.

**Table 11: Loss of Private Structures in the Project**

Sl. No.	Ownership Status	No. of Structure	No. of LHs	No. of PAPs	%
1	Legal Titleholder	881	575	3784	41.07
2	Encroacher	164	130	855	9.29
3	Squatter	859	695	4573	49.64
4	Other	0	0	0	0.00
<b>Total</b>		<b>1904</b>	<b>1400</b>	<b>9212</b>	<b>100.0</b>

33. The magnitude of impacts on private structures shows that out of 1904 affected structures, 214 (11.8%) structures are affected up to 25%, 287 (16.4%) structures are affected up to 50%, 205 (11.4%) structures are affected up to 75% and 1198 (60.4%) structures are affected fully. The site condition suggests that the structures getting affected more than 50% will not be viable for living and need relocation. The details of magnitude of impacts on structures are summarized in the Table 12. Provisions are also included in the Entitlement Matrix that structures will be compensated at replacement cost fully, and partially if it is viable. Engineer from Building Department will assess the viability of structure during verification and valuation in consultation with the affected households.

**Table 12: Magnitude of Impacts on Structures**

Sl. No.	Scale of Impact	No. Structure	HH	%
1	Below 25%	214	165	11.8
2	Up to 50%	287	229	16.4
3	Up to 75%	205	160	11.4
4	100%	1198	846	60.4
<b>Total</b>		<b>1904</b>	<b>1400</b>	<b>100.0</b>

### Type of Private Structure in the Project

34. As per census survey, out of 1400 households losing their structures in the project, 501 households are losing residential structures, 672 households are losing commercial structures, 21 are losing their residential-cum-commercial structures and 206 are losing other types of structures such as cattle shed, boundary wall, toilet, etc. The details of structures and number of displaced households are given in the Table 13.

**Table 13: Type of Private Structure affected by the Project**

Sl. No.	Type of Structure	No. of Structure	DHs	%
1	Residential Structure	766	501	35.79
2	Commercial Structure	793	672	48.00
3	Resi+Commercial Structure	21	21	1.50
4	Other Private Structure	324	206	14.71
<b>Total</b>		<b>1904</b>	<b>1400</b>	<b>100.00</b>

### Use of Private Structures affected by the Project

35. The structures being affected in the project are of various usages and the details are presented in the Table 14.

**Table 14: Use of Private Structure affected by the Project**

Sl. No.	Type of Structure	No. of Structure	%	HH	%
<b>Residential</b>					
1	House	658	85.90	426	85.03
2	Hut	60	7.83	37	7.39
3	Other Residential	48	6.27	38	7.58
<b>Total</b>		<b>766</b>	<b>100.00</b>	<b>501</b>	<b>100.00</b>
<b>Commercial</b>					
1	Shops	457	57.63	392	58.33
2	Hotel	2	0.25	2	0.30
3	Small Eatery	59	7.44	55	8.18
4	Kiosk	125	15.76	104	15.48
5	Farm House	1	0.13	1	0.15
	Petrol Pump	3	0.38	3	0.45
7	Clinic	1	0.13	1	0.15
8	Workshop	44	5.55	28	4.17
9	Com. Complex	2	0.25	2	0.30
10	Industry	1	0.13	1	0.15
11	Private Office	3	0.38	3	0.45
12	Other Commercial	95	11.98	80	11.90
<b>Total</b>		<b>793</b>	<b>100.00</b>	<b>672</b>	<b>100.00</b>
<b>Residential cum Commercial</b>					
	Resi+Com	21	100	21	100
<b>Total</b>		<b>21</b>	<b>100.00</b>	<b>21</b>	<b>100.00</b>
<b>Other Private</b>					



1	Boundary Wall	67	20.68	66	32.04
2	Foundation	2	0.62	2	0.97
3	Cattle Shed	130	40.12	80	38.83
4	Other Temporary (Bathroom, toilet etc.)	125	38.58	58	28.16
<b>Total</b>		<b>324</b>	<b>100.00</b>	<b>206</b>	<b>100.00</b>
<b>Grand Total</b>		<b>1904</b>		<b>1400</b>	

### Type of Construction of Affected Structures

36. The structures being affected in the project are of various types by construction such as temporary, semi-permanent and permanent nature. Out of 1837 mainstructures, 1317(71.7%) structures are of temporaryin nature, 326(17.7%) structures are of semi-permanent nature and 194(10.6%) are of permanent nature. Similarly, there are 67 affected boundary walls and all of them are semi-permanent in nature of construction. The details of type of constructions of the affected structures are summarized in the **Table15**.

**Table 15: Type of Construction of Affected Structure**

Sl. No.	Construction Type	No. of Structure	%
<b>Main Structure</b>			
1	Temporary	1317	71.7
2	Semi-Permanent	326	17.7
3	Permanent	194	10.6
<b>Total</b>		<b>1837</b>	<b>100.0</b>
<b>Boundary Wall</b>			
1	Semi-Permanent	67	100.0
<b>Total</b>		<b>67</b>	<b>100.0</b>
<b>Grand Total</b>		<b>1904</b>	<b>100.0</b>

### Age of the Affected Structures

37. As shown in table-16 below out of total affected structures maximum (65 %) were constructed within last 5 years.

**Table 16: Age of Affected Structure**

Sl. No.	Age of Structure	No. of Structure	%
1	Up to 5 Years	1244	65.34
2	Above 5 Years and below 10 Years	378	19.85
3	Above 10 Years and below 15 years	123	6.46
4	Above 15 Years and below 25 years	107	5.62
5	Above 25 Years and below 35 Years	35	1.84
6	Above 35 Years	17	0.89
<b>Total</b>		<b>1904</b>	<b>100.0</b>

### Loss of Livelihoods in the Project

38. The census survey revealed that out of total 2527 displaced DPs 1820 are also losing their livelihood due to loss of productive assets. It was found that 1820 DPs losing livelihoods includes 1049 owners of agriculture land, 672 owners of commercial structures, 21 owners of residential cum commercial structures, 73 tenants and 5 employees in commercial establishment doing business activities. The details of impact on livelihoods in the project are presented in the **Table 17**.

**Table 17: Loss of Livelihoods in the Project**

Sl. No.	Loss	Households	%
1	Owners of Agricultural Land	1049	57.64
2	Agricultural Labourer	0	0.00
3	Agricultural Tenants/ Leaseholders	0	0.00
4	Sharecropper	0	0.00
5	Loss of Commercial Structure	672	36.92
6	Loss of Residential cum Commercial Structure	21	1.15
7	Commercial Tenants	73	4.01
8	Employees in Structures	5	0.27
<b>Total</b>		<b>1820</b>	<b>100.00</b>

### Loss of Community Property Resources

39. In terms of community property resources (CPR), 91 structures were reported to be affected. Out of 91 structures, 53 are religious structures (42 temples, and 11 others like sacred chabutra etc.) and 34 government structures like school, and public amenities. The types of affected CPRs are presented in the **Table 18**, and the list of CPR affected in the project is presented in **Appendix: 3**. CPRs will be compensated either by cash compensation at replacement cost to the community (registered trust, society or village committee as appropriate) or reconstruction of the community structure in consultation with the affected community.

40. CPR clearing and reconstruction will be undertaken by civil works contractors, and the associated costs are incorporated in their contract document.

**Table 18: Type of affected CPR**

Sl. No.	Type of Structure	No. of Structure	%
1	Community Structure (Sitting Place etc.)	4	4.40
2	Religious Structure (Temple, Shrine, Mosque, etc.)	53	58.24
3	Government Structure (School and govt. offices etc.)	34	37.36
<b>Total</b>		<b>91</b>	<b>100.0</b>

### Loss of Private Trees

41. During census survey 1607 trees belong to private owners were also reported to be affected. These include 522 fruits bearing and 1085 non-fruit bearing trees. The details are given in **Table 19**. The estimation of loss and compensation of private trees will be done by approved valuer from Horticulture Department.

**Table 19 :Type of affected Trees**

Sl. No.	Type of Tree	No. of Trees	%
1	Fruit Bearing	522	32.48
2	Non-fruit Bearing	1085	67.52
<b>Total</b>		<b>1607</b>	<b>100.0</b>

3.

**SOCIOECONOMIC INFORMATION AND PROFILE****General Socio-economic Profile of DPs**

42. There are 2527 household (2449owners and 78 tenant/employeehouseholds) who will be affected under the subproject. Thesocio-economic informationand findings of 2449householdscollected through the census survey are presented in the following sections.

**Number of DPs**

43. There are 16119 DPs in total being affected by the project which includes 8670 (54%) males and 7449 (46%) females. The average household size is 7 and the sex ratio among the DPs is 859. The average household size is quite large because of many joint families and joint ownership. The details of DPs being affected in the project are presented in the **Table 20**.

**Table 20: Number of Displaced Persons**

Sl. No.	Categories of APs	No. of DPs	%
1	Male	8670	53.79
2	Female	7449	46.21
<b>Total</b>		<b>16119</b>	<b>100.0</b>

**Social Categories of the DPs**

44. The social stratification of the project area shows dominance of other backward caste (OBC) population with 1301(53%) households followed by higher caste with 831 (34%) households, schedule caste (SC) with 257 (10%) and 60 (2.45%)schedule tribehouseholds. The detail of social grouping in the project area is presented in the **Table21**.

**Table 21: Social Categories of the DPs**

Sl. No.	Description of the Caste	No. of Households	%
1	Scheduled Caste	257	10.49
2	Scheduled Tribe	60	2.45
3	Other Backward Caste	1301	53.12
4	Higher Caste	831	33.93
5	Other/No Response	0	0.00
<b>Total</b>		<b>2449</b>	<b>100.0</b>

**Religious Categories of the DPs**

45. Majority of displaced person (65%) belong to Hindu religion followed by Muslim (34.5%), Christian (0.41%) and Jain (0. 04%). The religious categories of DPs are given below in **Table 22**.

**Table 22: Religious Categories of the DPs**

Sl. No.	Religious Categories	No. of Households	%
1	Hindu	1592	65.01
2	Muslim	846	34.54
3	Jain	1	0.04
4	Christian	10	0.41
<b>Total</b>		<b>2449</b>	<b>100.00</b>

**Number of DPs considered as Separate family as per LA Act**

46. There are various categories of DPs as summarized in the **Table 23** are treated as separate family under Right to Fair Compensation in Land Acquisition and Resettlement Act-2013.

**Table 23: Number of DPs considered as Separate family as per LA Act**

Sl. No.	Categories of DPs	No. of DPs	%
1	Unmarried Son > 30 years	1142	63.66
2	Unmarried Daughter/Sister > 30 years	392	21.85
3	Divorcee/Widow	253	14.10
4	Minor Orphan	7	0.39
<b>Total</b>		<b>1794</b>	<b>100.0</b>

**Educational Status of DPs**

47. The educational status of DPs reveals that around 19% DPs are illiterate. Among the literate DPs, 69% are upto matric, 10% are graduate and only 1.63 % (233) are above graduate. This data excludes the children below 0 to 6 years. The gender segregated details of educational status of DPs are presented in the **Table 24**.

**Table 24: Educational Status of DPs**

S. N.	Educational status	Male	%	Female	%	Total	%
1	Illiterate	1096	14.24	1565	23.65	2661	18.59
2	Literate	898	11.67	930	14.05	1828	12.77
3	Up to middle	1920	24.95	1657	25.04	3577	24.99
4	Below metric	818	10.63	606	9.16	1424	9.95
5	Metric	1814	23.57	1274	19.25	3088	21.57
6	Graduate	975	12.67	527	7.96	1502	10.49
7	Above graduate	175	2.27	58	0.88	233	1.63
<b>Total</b>		<b>7696</b>	<b>100.00</b>	<b>6617</b>	<b>100.00</b>	<b>14313</b>	<b>100.0</b>

**Occupational Status of DPs**

48. The occupational pattern of DPs excluding children below 6 years, old/inactive, students, housewife reveals that to a maximum about 29% DPs are earning from labour activities, about 23% are involved in agriculture and around 18% each in service and business activities. Among other categories, 12% DPs are active in professional services. The details of occupational status of DPs are summarized in

the **Table 25**. As per ADB SPS, income will be restored, at least to the pre-project level. Additional information can be found in Chapter VII.

**Table 25 : Occupational Status of DPs**

S. N.	Occupational status	Male	%	Female	%	Total	%
1	Service	273	6.13	1565	25.94	1838	17.53
2	Business	995	22.34	930	15.42	1925	18.36
3	Agriculture	781	17.53	1657	27.47	2438	23.25
4	Labor	2403	53.95	606	10.04	3009	28.69
5	Professional	2	0.04	1275	21.13	1277	12.18
<b>Total</b>		<b>4454</b>	<b>100.00</b>	<b>6033</b>	<b>100</b>	<b>10487</b>	<b>100.0</b>

### Annual Income Level of the Affected Households

49. There are 254 (10.37%) households earning less than the official poverty level i.e. Rs. 46,680/- per year. There are 1102 households (45%) having an average monthly income of above Rs. 46,680 and up to Rs. 1,00,000. The survey reveals that 592 (24.17%) households are earning above Rs. 1,00,000 and 384 (15.68%) households are earning above Rs. 2,00,00 which is a good economic indicator of their standard of living. The average income level of households in the project area is summarized in the **Table 26**.

**Table 26: Annual Income Level of the Affected Households**

Sl. No.	Annual Income Categories in (Rs)	No. of Households	%
1	Upto 46,680	254	10.37
2	Above 46,680 and up to 100,000	1102	45.00
2	Above 100,000- Below 200,000	592	24.17
4	Above 200,000	384	15.68
5.	Not responded/found	117	4.78
<b>Total</b>		<b>2449</b>	<b>100.0</b>

### Vulnerable Households being Affected in the Project

50. According to project census survey there are 1427 households enumerated as vulnerable households. In this project vulnerable group includes 257 SC households, 60 ST, 155 women headed households, 15 households headed by physically handicapped persons, 668 other poor households who are living below the government poverty line and the 241 non-titleholders (only squatters) not falling under any other category of vulnerability. As per the latest Planning Commission, Government of India estimate, any person having monthly per capita consumption and expenditure (MPCE) of Rs. 778<sup>7</sup> in rural area and Rs. 923 in urban area of Bihar is considered to be living below poverty line. Based on this calculation of poverty line figure, average annual household MPCE in rural Bihar is Rs. 46,680. There are 31 households not falling under any other category but earning less than the average MPCE also enumerated as vulnerable household in the project. The vulnerable household details are presented in the **Table 27**.

**Table 27: Vulnerable Households being affected**

Sl. No.	Vulnerable Categories	Households	%
---------	-----------------------	------------	---

<sup>7</sup> Source: Press Note on Poverty Estimates, 2011-12, Government of India, Planning Commission, July 2013

1	Scheduled Caste Households	257	18.01
2	Scheduled Tribe Households	60	4.20
3	Women Headed Households	155	10.86
4	PH Headed Households	15	1.05
5	BPL Cardholders (not falling in other categories)	668	46.81
6	Households below Minimum Per capita Income (not falling under any other category of Vulnerability)	31	2.17
7	NTH not falling under any above Categories	241	16.89
<b>Total</b>		<b>1427</b>	<b>100.0</b>

### Project Impact on Indigenous People

51. As per the 2011 census of India survey, total ST population of Bihar is about 1.28% of total and it is 4.9% in Katihar district. There are total 60 ST households being impacted negatively under this subproject. The affected households belong to different clan of Santhali tribe which is spread in all over the state and cannot be differentiate from the common people. They do not belong to any specific primitive group and found well in mainstream culture and society. The impact on them will be same as on general population. Considering them as vulnerable, special assistance provision has been made in the entitlement matrix of this RP.

### Project Impact on Women

52. Improved roads will bring equal benefits to women and girls. Direct benefits include a decrease in travel time and an increase in reliable and convenient transport services. Indirect benefits include improved access to products and services, including social services such as health, education, as well as other government services. During construction, women will also benefit from the increased employment opportunities. However, road construction and improvements may also lead to potential negative impacts such as the spread of STIs (sexually transmitted infections), trafficking, and road safety issues. Potential negative impacts will be addressed through community awareness that will be implemented by the RP implementing agency who will assist the EA (see **Appendix 5** for TOR of Implementing agency). The RP implementing agency will coordinate with relevant organizations or mobilize its own short-term experts in carrying out the activities. In addition, the contractor will also carry out HIV/AIDS awareness program among worker camps and nearby community as mandated in their contract.

#### 1. Status of Women in Subproject Area

53. Out of 2449 project affected households surveyed for socio-economic study 2277 were found having total 3710 women members above 18 years of age. Women in all 2277 households were consulted separately through structured questionnaire and an analysis of the same is given in the following section.

#### 2. Decision Making

54. Women were asked about their role in decision making on financial and social matters of the household. It was revealed that in around 63% household women responded negatively that they have no role in financial decision and the decision is taken by her male counterpart. Similarly, in case of social decision the male members of the households are dominant. The details are given in following **Table 28**.

**Table 28 : Role of Women in Financial Decision Making**

S.N.	Response	Financial Decision Making (HH)	%	Social Decision Making (HH)	%
1	Yes	844	37.07	842	36.98
2	No	1433	62.93	1435	63.02
<b>Total</b>		<b>2277</b>	<b>100.00</b>	<b>2277</b>	<b>100.00</b>

### 3. Assets owned by the Women

55. Out of total households surveyed 25% have women with land in their name, 16.5% have house, women in around 2% households have two-wheeler, around 67.5% have cell phone and 8% have personal computer. Only 0.4% have four-wheeler. The details of assets possessed by the women in project area is given below.

**Table 29 : Number of Households having Women with different Assets**

Sl.	Type of Assets	No of Household	%
1	Land (Homestead or Farm Land)	572	25.12
2	House	376	16.51
3	Four-Wheeler (Car/tractor etc.)	8	0.35
4	Two-Wheeler (Scoter/ Cycle etc.)	49	2.15
5	Cell Phone	1537	67.50
6	Personal Computer	186	8.17
7	Other assets	13	0.57
<b>Total</b>		<b>2277</b>	<b>100.00</b>

### 4. Bank Account

56. The women were asked about their separate bank account at the household level and it was found that about 95% households have women with their separate bank account. This is largely due to the government policies of empowering poor and girl child for financial securities in particular. The details are provided in the **Table 30**.

**Table 30 : Number of Households having Women with Bank Account**

Sl.	Bank Account	No of Household	%
1	Yes	2164	95.04
2	No	111	4.87
3	No Response	2	0.09
<b>Total</b>		<b>2277</b>	<b>100.0</b>

### 5. Member in Self Help Group

57. The women in affected households were asked about their participation in any self-help group as a member. As shown in **Table 31** it was revealed that women in only around 18% households were found

member of a self-help group and only around 19 % of them had apprehension that relocation due to construction of sub project might affect their working in the SHG.

**Table 31 : Number of Households having Women as Member of SHG**

S	Response	Member of SHG (HH)	%	Change in Status after Relocation (HH)	%
1	Yes	405	17.79	77	19.01
2	No	1870	82.13	328	80.99
3	No Response	0	0.00	0	0.00
<b>Total</b>		<b>2277</b>	<b>100.00</b>	<b>405</b>	<b>100.0</b>

58. Women in project area have received benefits under different government schemes. It was revealed that women in around 19% affected households have taken loan for different purposes. Women in around 14.5% households have benefited under govt's housing scheme. Among others, women in around 18.48% households have taken training and assistance for self-employment. In total, women in 42% households have benefited under different government scheme. The details are provided in table below.

**Table 32 : Number of Households having Women with Bank Account**

Sl.	Type of Benefits	No of Household	%
1	Loan	179	18.68
2	House	139	14.51
3	Employment	47	4.91
4	Training	130	13.57
5	Any Other	463	48.33
<b>Total</b>		<b>958</b>	<b>100.0</b>

59. As per the findings of consultation with women group, the perceived benefits from the subprojects includes:

- Improved access to social facilities like health, education
- Increase in income generating activities
- Frequent and affordable transport
- Management of emergency situation
- Improved community relations
- Increased frequency of health workers, extension workers visits
- Improved access to market
- Increased Leisure time
- Reduced time spent on transportation of forest produces
- Side pavements will make walking easy

60. During the consultation process the negative impacts could not be easily articulated by the women apart from loss of assets. However, along with the loss of assets the following negative impacts were also recorded:



- Loss of assets as a result of the road construction
- Preference to men as wage labor over women during construction
- Discrimination in wage payment
- More dependence of mechanized techniques in road construction likely to have very little opportunity for labor for women

61. There are 155 women headed households affected in the project. The negative impacts of the sub-project on female-headed households will be taken up on a case-to-case basis and assistance to these households will be treated on a priority basis. During disbursement of compensation and provision of assistance, priority will be given to female-headed households. Additionally, women headed households are considered as vulnerable and provision for additional assistance has been made in the entitlement of the RP. Provision for equal wage and health safety facilities during the construction by the contractor will be ensured by the EA.

Not to be used as a Bid Document, Only for Reference

#### 4. STAKEHOLDERS CONSULTATION AND PARTICIPATION

##### Stakeholders in the Project

62. Consultations with various stakeholders were carried out during various phases of project preparation. The stakeholders in the project are both primary and secondary. The primary stakeholders are project displaced persons (DPs), project beneficiaries, Executing Agency, Implementing Agency especially the officials in BSRDC. The secondary stakeholder includes district magistrates and the revenue official, village heads, head of Gram Panchayat, village administrative officers, village council, district council, NGO and business communities in the area.

##### Public Consultation in the Project

63. Public consultations were arranged at the stage of project preparation to ensure peoples' participation in the planning phase of this project and to treat public consultation and participation as a continuous two-way process beneficial in projecting planning and implementation. Aiming at promotion of public understanding and fruitful solutions of developmental problems such as local needs and problem and prospects of resettlement, various sections of DPs and other stakeholders were consulted through focus group discussions and individual interviews.

##### Methods of Public Consultation

64. Consultations and discussions were held along the project with the affected families and other stakeholders. All displaced households were consulted while interacting with them during the project census survey. Consultation meetings were organized to get wider public input from both the primary and secondary stakeholders. The consultation methods followed to elicit required information (their views & opinions) are detailed below in **Table 33**.

**Table 33: Methods of Public Consultations**

Stakeholders	Consultation Method
Displaced Persons	Through Census Survey involving head of the household as respondent
Village Head/representative of APs	Through Focus Group Discussions (FGD) at affected villages
Local communities	Through Focus Group Discussions (FGD) at affected villages
Women's groups	Through Census survey and Focus Group Discussions (FGD) at affected villages
Vulnerable groups (SC, ST, BPL)	Through Focus Group Discussions (FGD) at affected villages
Executing Agency, Implementing Agency	Individual interview, discussion, joint field visit
Line Departments/Agencies	Individual meeting/interview, discussion

##### Scope of Consultation and Issues

65. All the survey and consultation meetings were organised with free and prior information to the displaced persons and participants. Women members of the survey team assisted women to present their

views on their particular concerns. During the consultation process efforts were made by the survey teams to:

- Ascertain the views of the DPs, with reference to road alignment and minimization of impacts;
- Understand views of the community on land acquisition, resettlement issues and rehabilitation options;
- Identify and assess the major socio-economic characteristics of the villages to enable effective planning and implementation;
- Obtain opinion of the community on issues related to the impacts on community property and relocation of the same;
- Examine DPs' opinion on problems and prospects of road related issues;
- Identify people's expectations from project and their absorbing capacity;
- Finally, to establish an understanding for identification of overall developmental goals and benefits of the project.

### Findings of Focused Group Discussions

66. During the resettlement survey, FGDs were conducted in affected villages along the project road. The participants in these FGDs are not limited to the place of meeting or DPs only but also included the other interested parties from the affected villages as all of them road users and beneficiaries under the Project. Further detailed analysis is included in the report of Poverty and Social Assessment (PSA).

67. In addition to the individual consultation with all displaced households during census survey, a total of 102 male and 170 females were consulted separately in 15 consultation meetings/focused group discussions. Some of the major issues that were discussed and feedback received from the villagers during the course of the consultations and measures taken are summarized in the **Table 34**. A detail of consultation is provided in **Appendix-4** and the list of participants and consultation photographs are presented in the **Appendix-5**. Summary of DP's concerns and preferences toward relocation and resettlement were discussed and are recorded in Chapter VII: Relocation of Housing and Settlements.

**Table 34: Summary findings of Consultation**

Issue	Discussion/Suggestion	Measures Taken
Existing Road Condition	Existing road condition is bad and not sufficient to bear current traffic load. Road is narrow and accident prone due to heavy traffic and high speed of vehicles	The proposed road will have 2 lane specifications, provide all weather connectivity to people living in village along the corridor.
Transport and communication problem	Existing road is narrow and congested and traffic jam is very common in this area.	The project road will provide better connectivity and a faster transportation to distance places
Positive project impact	The positive project impacts perceived by the local people are all weather road, direct access to many facilities, transportation of their agricultural produce, business and	The alignment and widening is planned to provide maximum connectivity to the area and benefits to the local people

Issue	Discussion/Suggestion	Measures Taken
	employment opportunities, appreciation of land value etc.	
Negative project impacts	Loss of residential/commercial structures, loss of livelihood, increase of accidents, pollution.	All loss of structure will be compensated at replacement cost. Loss of livelihoods will also be compensated and assisted by the project including opportunity for laborer in construction work
Rate of compensation	Compensation at replacement cost.	The rate of compensation will be decided as per market value and replacement cost will be given.
Option for relocation	Willingness for self-relocation and cash compensation. Majority of the DPs want cash compensation.	The affected people will be given cash compensation for loss of their assets. The RP implementing agency will assist the DPs during the process.
Income Restoration	Additional assistance for income restoration	The implementation agency will assist in loan from bank, preference will be given to locals in road construction work
Consultation and participation	People want more consultation during project implementation and want to participate in the project	Public consultation will continue throughout the project cycle. Implementing agency will assist people in participation at various stages.
Road safety	The proposed two-lane road may be concern for safety specifically for women and children, accident risk will increase	Proper road safety measures are incorporated in the project design. Special measures like signage, speed breakers at schools, hospitals and market places will provided by the project.
Transparency in Project Implementation	The project should ensure transparency in implementation and quality control.	There are provisions like GRC, VLC and direct access to Implementation Office for any complain or grievances
Any other critical issue	Speed breaker, road crossing point drainage and bus stand should be given in habitation areas.	The features are already included in the road design at appropriate locations.

### Consultation with Officials and Other Stakeholders

68. Other stakeholders in the project such as Executing Agency especially the officials in BSRDCL, PIU staff and the concerned district administration and the revenue officials were also consulted on various issues. The details of some of such consultations are summarized in the **Table 35**.

**Table 35: Details of Consultation with Officials**

Sl. N.	Name and Designation	Issue discussed	Contacts Info
--------	----------------------	-----------------	---------------

Sl. N.	Name and Designation	Issue discussed	Contacts Info
1	Mr. P.C. Gupta GM, BSRDCL	Overall Project planning, Coordination,	9431005702
2	Mithilesh Kumar, LA Expert, BSRDCL-HQ	Project proposal, alignment, detailed design report, LA and R&R issue,	8340644841
3	Anjani Kumar, DGM, BSRDCL, Madhepura	DPR, Land acquisition planning, collection of revenue map.	9431005694
4	Rajiv Kumar, Manager (Tech), BSRDCL-PIU- MADHEPURA	LAP, LRP, and revenue details of affected properties.	9110932067
5	Sonu Kumar Bhagat, CO, Katihar	Land acquisition planning, collection of revenue map and landholder's details, site visit, coordination with line department Drawing, map, data and site verification. Site visit, site verification, coordination with line departments etc.	9973144051
6	Shabbir Ahmad, CO, Dandkhora		8210387883 ,8544412596
7	Ravishankar Sinha, CO, Kadwa		8002776865
8	Sanjay Kumar, CO, Azamnagar		7979088780
9	Amar Kumar Singh, CO, Barsoi Circle Office.		8825318822
10	Uday Kant Mishra, CO, Balrampur		6207700584

### Plan for further Consultation in the Project

69. The effectiveness of the R&R program is directly related to the degree of continuing involvement of those affected by the Project. Several additional rounds of consultations with DPs will form part of the further stages of project preparation and implementation. The RP implementing agency will be entrusted with the task of conducting these consultation, during RP implementation, which will involve disclosure on compensation, assistance options, and entitlement package and income restoration measures suggested for the project. The consultation will continue throughout the project implementation period. The following set of activities will be undertaken for effective implementation of the RP:

- In case of any change in engineering alignment planning the DPs and other stakeholders will be consulted in selection of road alignment for minimization of resettlement impacts, development of mitigation measures etc.
- Together with the RP implementing agency, the PIU will conduct information dissemination sessions in the project area and solicit the help of the local community/ leaders and encourage the participation of the DP's in Plan implementation.
- During the implementation of RP, RP implementing agency will organize public meetings, and will appraise the communities about the progress in the implementation of project works, including awareness regarding road construction.
- Consultation and focus group discussions will be conducted with the vulnerable groups like women, SC, ST, and OBC's to ensure that the vulnerable groups understand the process and their needs are specifically taken into consideration.
- To make reasonable representation of women in the project planning and implementation they will be specifically involved in consultation.

70. A Public Consultation and Disclosure Plan will be prepared by PIU and RP implementing agency for the project as per the format below in **Table 36**.

**Table 36 : Future Public Consultation and Disclosure Plan**

Activity	Task	Timing (Date/Period)	Agencies	Remarks
Public Notification	Notify eligibility cut-off date for NTH	March 2022	PIU/ RP implementing agency	
Disclosure of RP	Translate RP in Hindi and disclose at PIU Office and Panchayat	March 2022	PIU / RP implementing agency	
Distribution of R&R information leaflet	Prepare R&R information leaflet and distribute to DPs	May 2022	PIU/ RP implementing agency	
Internet disclosure of the RP	Post RP on ADB and EA website	May 2022	ADB/ RP implementing agency/PIU	
Consultative meetings during joint measurement survey	Face to face meetings with DPs	June 2022	PIU / RP implementing agency	
Disclosure of updated RP	Disclosure after joint measurement survey	July 2022	PIU / RP implementing agency	
Disclosure of the final or updated RP	RP disclosed on ADB and EA website and to affected households and other stakeholders at PIU and/or Panchayat offices	August 2022	ADB/PIU	

### Information Disclosure

71. To keep more transparency in planning and for further active involvement of DPs and other stakeholders the project information will be disseminated through disclosure of resettlement planning documents. The EA will submit the following documents to ADB for disclosure on ADB's website:

- i. the final resettlement plan endorsed by the EA after the census of displaced persons has been completed.
- ii. a new resettlement plan or an updated resettlement plan, and a corrective action plan prepared during project implementation, if required; and
- iii. the resettlement monitoring reports.

72. The EA will translate the RP in Hindi and disclose it at PIU office and panchayat office. A resettlement information leaflet containing information on compensation, entitlement and resettlement management adopted for the project will be made available in Hindi language and distributed to DPs by the RP implementing agency during initial consultation after verification of DPs. For DPs who are illiterate, appropriate and implementable method will be followed in order for the DPs to be notified and informed. RP implementing agency will disseminate relevant information through public consultations and other channels and will pay specific attention to ensure those who are illiterate receive information on a timely basis.

## 5.

## LEGAL FRAMEWORK

**A. Introduction**

73. The legal framework and principles adopted for addressing resettlement issues in the project have been guided by the existing legislation and policies of the Government of India (GOI), the Government of Bihar and Asian Development Bank. Prior to the preparation of the RP, a detailed analysis of the existing national and state policies was undertaken and the section below provides details of the various national and state level legislations studied and their applicability for the project. This RP is prepared based on the review and analysis of all applicable legal and policy frameworks of the country and ADB policy requirements.

**B. Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act (RFCT in LARR), 2013**

74. The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (RFCT in LARR Act - 2013) has been effective from January 1, 2014 after receiving the assent of the President of Republic of India. This Act extends to the whole of India except the state of Jammu and Kashmir. The Act replaced the Land Acquisition Act, 1894.

75. The aims and objectives of the Act include: (i) to ensure, in consultation with institutions of local self-government and Gram Sabhas established under the constitution of India, a humane, participative, informed and transparent process for land acquisition for industrialization, development of essential infrastructural facilities and urbanization with the least disturbance to the owners of the land and other affected families; (ii) provide just and fair compensation to the affected families whose land has been acquired or proposed to be acquired or are affected by such acquisition; (iii) make adequate provisions for such affected persons for their rehabilitation and resettlement; (iv) ensure that the cumulative outcome of compulsory acquisition should be that affected persons become partners in development leading to an improvement in their post-acquisition social and economic status and for matters connected therewith or incidental thereto.

76. Section 27 of the Act defines the method by which market value of the land shall be computed under the proposed law. Schedule I outlines the proposed minimum compensation based on a multiple of market value. Schedule II through VI outline the resettlement and rehabilitation entitlements to land owners and livelihood losers, which shall be in addition to the minimum compensation per Schedule I.

77. The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement (Amendment) Second Ordinance, 2015: With an intention to overcome the procedural difficulties in land acquisition for important national projects, President of India has issued an amendment ordinance on 30th May 2015. Three main features of the ordinance among others are as following:

- (i) The Chapter II and III of the RFCT in LARR Act - 2013 regarding *determination of social impact assessment and public purpose and special provision to safeguard food security* shall not apply to the project such as (a) vital to national security or defence of India and every part thereof, including preparation for defence or defence production; (b) rural infrastructure including electrification; (c) affordable housing and housing for the poor people; (d) industrial corridors ; and (e) infrastructure and social infrastructure projects including projects under public private partnership where the ownership of land continues to vest with the Government.

(ii) The five-year period set by the principal Act in Section 24 under sub-section (2), for lapse of 1894 Act shall exclude the cases where acquisition process is held up on account of any stay or injunction issued by any court or the period specified in the award of a Tribunal for taking possession.

(iii) The five-year period set by the principal Act for any land acquired and unused is now will be *a period specified for the setting up of any project or five years, whichever is later.*

### C. Legal and Policy Frameworks of Bihar State

78. The legislations and policy concerning the land acquisition and resettlement by State Government of Bihar are discussed in the following section.

#### 1. Bihar Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Rules, 2014 (Government of Bihar Department of Revenue and Land Reforms Notification No-1401, Dated-27/10/2014)

79. In exercise of the powers conferred by sub-section (2) of Section 109 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (30 of 2013), the Governor of the State of Bihar notified the rules to apply for land acquisition in the state where the State Government will be the requiring body as defined by the prime Act.

#### 2. Appointment of Social Impact Assessment Unit by Government of Bihar (Government of Bihar Department of Revenue and Land Reforms Notification No-647, Dated-09/05/2014)

80. The Government of Bihar has authorized Lalit Narayan Mishra Institute of Economic Development & Social Change, Patna and A N Sinha Institute of Social Studies, Patna as Social Impact Assessment Unit under the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.

#### 3. Bihar Raiyati Land Lease Policy 2014 (No. 14/D.L.A (Lease) – Policy –69/2014 – 1440/R) with Amendment Rules April-2018.

81. In exercise of the powers conferred under section 104 of The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013, the State Government of Bihar has announced its state policy for taking land on perpetual lease from the raiyats for the works of public purposes as an option for public projects of infrastructure and public purposes. The subsequent amendment of this policy in April 2018 specifies the limit of purchase of land under this policy by Road Construction Department is up to 25 Acres and empowers the Executive Engineers to register the land in their name.

### D. ADB's Safeguard Policy Statement (SPS), 2009

82. The objectives of ADB's SPS (2009) with regard to involuntary resettlement are: (i) to avoid involuntary resettlement wherever possible; (ii) to minimize involuntary resettlement by exploring project and design alternatives; (iii) to enhance, or at least restore, the livelihoods of all displaced persons in real



terms relative to pre-project levels; and (iv) to improve the standards of living of the displaced poor and other vulnerable<sup>8</sup> groups.

83. ADB's SPS (2009) covers physical displacement (relocation, loss of residential land, or loss of shelter) and economic displacement (loss of land, assets, access to assets, income sources, or means of livelihoods) as a result of; (i) involuntary acquisition of land, or (ii) involuntary restrictions on land use or on access to legally designated parks and protected areas. It covers displaced persons whether such losses and involuntary restrictions are full or partial, permanent or temporary.

84. The three important elements of ADB's SPS (2009) are: (i) compensation at replacement cost for lost assets, livelihood, and income prior to displacement; (ii) assistance for relocation, including provision of relocation sites with appropriate facilities and services; and (iii) assistance for rehabilitation to enhance, or at least restore, the livelihoods of all displaced persons relative to national minimum standard of living.

## E. Comparison of Government and ADB Policies

85. The new act 'The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013', which has integrated provisions of National Rehabilitation and Resettlement Policy (2007) with that of The Land Acquisition Act (LAA) of 1894 (as amended in 1984), recognizes titleholders and non-titleholders affected by land acquisition area notified under the Act. Whereby, squatters and encroachers on existing government land are excluded from the purview of the act.

86. RFCT in LARR Act – 2013 has come into effect from January 1, 2014. This Act is both complement the revision of the NRRP (2007) and decrease significantly the gaps between the LAA and ADB's SPS, 2009. The Act also expands compensation coverage of the principal act by requiring that the value of trees, plants, or standing crops damaged must also be included and solatium being 100% of the all amounts inclusive. The Act furthermore has match ADB requirements for all compensation to be paid prior to project taking possession of any land.

87. Therefore, the RFCT in LARR Act – 2013 has established near equivalence of the government's policies with those of ADB's SPS, 2009. Adoption of the below principles for the project has ensured that both are covered in their application to this project. A comparison of ADB and GoI policy and measures to fill the gaps is presented in the Table. 37

**Table 37: Comparison of ADB and GoI Policy**

	Aspect	ADB Safeguard Requirement	Fair Compensation and Transference in Land Acquisition, Rehabilitation and Resettlement Act, 2013	Measures to Bridge the GAP
1	Screen the project	Screen the project to identify past, present, and future involuntary resettlement impacts and risks. Conduct survey and/or census of displaced persons, including a gender analysis,	4 (I) it is obligatory for the appropriate Government intends to acquire land for a public purpose to carry out a Social Impact Assessment study in consultation with concern Panchayat, Municipality or Municipal Corporation, as the case may be, at village level or ward level in the affected area. The Social Impact Assessment study report shall be made available to the public	Screening of all sub-projects in line with the IR checklist of ADB, towards enabling identification of the potential resettlement impacts and associated risks.

<sup>8</sup>vulnerable groups includes: especially those below the poverty line, the landless, the elderly, women and children, and Indigenous Peoples, and those without legal title to land

	Aspect	ADB Safeguard Requirement	Fair Compensation and Transference in Land Acquisition, Rehabilitation and Resettlement Act, 2013	Measures to Bridge the GAP
		specifically related to resettlement	in the manner prescribed under section 6.	
2	Consultation with stake holders and establish grievance redress mechanism	Carryout consultations with displaced persons, host communities and concerned NGOs. Inform all displaced persons of their entitlements and resettlement options	Whenever a Social Impact Assessment is required to be prepared under section 4, the appropriate Government shall ensure that a public hearing is held at the affected area, after giving adequate publicity about the date, time and venue for the public hearing, to ascertain the views of the affected families to be recorded and included in the Social Impact Assessment Report. The Land Acquisition Rehabilitation and Resettlement Authority shall be established in each State by the concerned State Government to hear disputes arising out of projects where land acquisition has been initiated by the State Government or its agencies.	No gap between SPS and FCTLARR.
3.	Improve, or at least restore, the livelihoods of all displaced, and payment at replacement cost	Improve or restore the livelihoods of all displaced persons through: (i) land-based resettlement strategies; (ii) prompt replacement of assets with access to assets of equal or higher value, (iii) prompt compensation at full replacement cost for assets that cannot be restored, and (iv) additional revenues and services through benefit sharing schemes where possible.	The Collector having determined the market value of the land to be acquired shall calculate the total amount of compensation to be paid to the land owner (whose land has been acquired) by including all assets attached to the land. Livelihood losers are eligible for various rehabilitation grants.	No gap between SPS and FCTLARR. Assets to be compensated at replacement cost without depreciation and other Livelihood assistances and income restoration measures will be included.
4.	Assistance for displaced persons	Provide physically and economically displaced persons with needed assistance	Schedule I, provides market value of the land and value of the assets attached to land. Schedule II provides R&R package for land owners and for livelihood losers including landless and special provisions for Scheduled Tribes.	No gap between SPS and FCTLARR.  Entitlement Matrix outlines compensation and assistance for DPs.
5.	Improve standard of living of displaced vulnerable groups	Improve the standards of living of the displaced poor and other vulnerable groups, including women, to at least national minimum standards	FCTLARR only provide special provisions scheduled tribe..	Provisions outlined in ADB SPS will be followed for the project
6.	Negotiated Settlement	Develop procedures in a transparent, consistent, and equitable manner if land acquisition is through negotiated settlement to ensure that those people who enter into negotiated settlements will maintain the same or better income and livelihood status	FCTLARR only apply in case of land acquired/purchased for PPP projects and for Private Companies. Section: 2. (2), and 46.	Provisions outlined in ADB SPS will be followed for the project.
7.	Compensation	Ensure that displaced	Non-titleholders on acquired land area is only	Provisions outlined in

	Aspect	ADB Safeguard Requirement	Fair Compensation and Transference in Land Acquisition, Rehabilitation and Resettlement Act, 2013	Measures to Bridge the GAP
	For non-title holders	persons without titles to land or any recognizable legal rights to land are eligible for resettlement assistance and compensation for loss of non-land assets.	included but not clear about non-titleholders in existing govt. land	ADB SPS will be followed for the project.
8.	Requirement of RP	Prepare a resettlement plan / indigenous peoples plan elaborating on displaced persons' entitlements, the income and livelihood restoration strategy, institutional arrangements, monitoring and reporting framework, budget, and time-bound implementation schedule.	Preparation of Rehabilitation and Resettlement Scheme including time line for implementation. <i>Section: 16. (1) and (2).</i>  Separate development plans to be prepared. <i>Section 41</i>	No gap between SPS and FCTLARR.  RP will be prepared for project with impact.
9.	Public disclosure	Disclose a draft resettlement plan, including documentation of the consultation process in a timely manner, before project appraisal, in an accessible place and a form and language(s) understandable to displaced persons and other stakeholders. Disclose the final resettlement plan and its updates to displaced persons and other stakeholders	Under clause 18, the Commissioner shall cause the approved Rehabilitation and Resettlement Scheme to be made available in the local language to the <i>Panchayat</i> , Municipality or Municipal Corporation. As the case may be, and the offices of the District Collector, the Sub Divisional Magistrate and the <i>Tehsil</i> , and shall be published in the affected areas in such manner as may be prescribed and uploaded on the website of the appropriate Government.	In addition to the publishing of the approved resettlement plan, the RF includes provision for disclosure of the various documents pertaining to RP implementation.
10.	Cost of resettlement	Include the full costs of measures proposed in the resettlement plan and indigenous peoples plan as part of project's costs and benefits. For a project with significant involuntary resettlement impacts and / or indigenous peoples plan, consider implementing the involuntary resettlement component of the project as a stand-alone operation.	16. (I) Upon the publication of the preliminary notification under sub-section (/) of section 11 by the Collector, the Administrator for Rehabilitation and Resettlement shall conduct a survey and undertake a census of the affected families, in such manner and within such time as may be Prescribed, which shall include: (a) particulars of lands and immovable properties being acquired of each affected family; (b) livelihoods lost in respect of land losers and landless whose livelihoods are primarily dependent on the lands being acquired; (c) a list of public utilities and Government buildings which are affected or likely to be affected, where resettlement of affected families is involved; (d) details of the amenities and infrastructural facilities which are affected or likely to be affected, where resettlement of affected families is involved; and (e) details of any common property resources being acquired'	No gap between SPS and FCTLARR. Cost of resettlement will be covered by the EA.
11.	Taking over possession before Payment of compensation	Pay compensation and provide other resettlement entitlements before physical or economic displacement. Implement	38 (I) The Collector shall take possession of land after ensuring that full payment of compensation as well as rehabilitation and resettlement entitlements are paid or tendered to the entitled persons within a period of three	No gap between SPS and FCTLARR.

	Aspect	ADB Safeguard Requirement	Fair Compensation and Transference in Land Acquisition, Rehabilitation and Resettlement Act, 2013	Measures to Bridge the GAP
		the resettlement plan under close supervision throughout project implementation.	months for the compensation and a period of six months for the monetary part of rehabilitation and resettlement entitlements listed in the Second Schedule commencing from the date of the award made under section 30.	
12.	Monitoring	Monitor and assess resettlement outcomes, their impacts on the standards of living of displaced persons, and whether the objectives of the resettlement plan have been achieved by taking into account the baseline conditions and the results of resettlement monitoring. Disclose monitoring reports.	48 (I)The Central Government may, whenever necessary for national or inter-State projects, constitute a National Monitoring Committee for reviewing and monitoring the implementation of rehabilitation and resettlement schemes or plans under this Act.	For project, monitoring mechanism and frequency will follow ADB SPS based on categorization.

## F. R&R Policy Framework for the Project

88. Based on the above analysis of government provisions and ADB policy, the following resettlement principles are adopted for this Project:

- (i) Screen the project early on to identify past, present, and future involuntary resettlement impacts and risks. Determine the scope of resettlement planning through a survey and/or census of displaced persons, including a gender analysis, specifically related to resettlement impacts and risks. Measures to avoid and minimize involuntary resettlement impacts include the following: (i) explore alternative alignments or locations which are less impacting, (ii) ensure the appropriate technology is used to reduce land requirements, (iii) modify the designs, cross sections, and geometrics of components to minimize the ROW and ensure involuntary resettlement is avoided or minimized.
- (ii) Carry out meaningful consultations with displaced persons, host communities, and concerned nongovernment organizations. Inform all displaced persons of their entitlements and resettlement options. Ensure their participation in planning, implementation, and monitoring and evaluation of resettlement programs. Pay particular attention to the needs of vulnerable groups, especially those below the poverty line, the landless, the elderly, women and children, and indigenous peoples, and those without legal title to land, and ensure their participation in consultations. Establish a grievance redress mechanism to receive and facilitate resolution of the concerns of displaced persons. Support the social and cultural institutions of displaced persons and their host population. Where involuntary resettlement impacts and risks are highly complex and sensitive, compensation and resettlement decisions should be preceded by a social preparation phase.
- (iii) Improve, or at least restore, the livelihoods of all displaced persons through; (i) land-based resettlement strategies when affected livelihoods are land based where possible or cash compensation at replacement cost for land when the loss of land does not undermine livelihoods, (ii) prompt replacement of assets with access to assets of equal or higher value, (iii) prompt compensation at full replacement cost for assets that cannot be restored, and (iv) additional revenues and services through benefit sharing schemes where

- possible.
- (iv) Provide physically and economically displaced persons with needed assistance, including the following: (i) if there is relocation, secured tenure to relocation land, better housing at resettlement sites with comparable access to employment and production opportunities, integration of resettled persons economically and socially into their host communities, and extension of project benefits to host communities; (ii) transitional support and development assistance, such as land development, credit facilities, training, or employment opportunities; and (iii) civic infrastructure and community services, as required.
  - (v) Improve the standards of living of the displaced poor and other vulnerable groups, including women, to at least national minimum standards. In rural areas provide them with legal and affordable access to land and resources, and in urban areas provide them with appropriate income sources and legal and affordable access to adequate housing.
  - (vi) Ensure that displaced persons without titles to land or any recognizable legal rights to land are eligible for all compensation, relocation and rehabilitation measures, except land.
  - (vii) Prepare a resettlement plan elaborating on the entitlements of displaced persons, the income and livelihood restoration strategy, institutional arrangements, monitoring and reporting framework, budget, and time-bound implementation schedule. This resettlement plan will be approved by ADB prior to contract award.
  - (viii) Disclose a draft resettlement plan, including documentation of the consultation process in a timely manner, before project appraisal, in an accessible place and a form and language(s) understandable to displaced persons and other stakeholders. Disclose the final resettlement plan and its updates to displaced persons and other stakeholders.
  - (ix) Conceive and execute involuntary resettlement as part of a development project or program. Include the full costs of resettlement in the presentation of project's costs and benefits. For a project with significant involuntary resettlement impacts, consider implementing the involuntary resettlement component of the project as a stand-alone operation.
  - (x) Pay compensation and provide other resettlement entitlements before physical or economic displacement. Implement the resettlement plan under close supervision throughout project implementation.
  - (xi) Monitor and assess resettlement outcomes, their impacts on the standard of living of displaced persons, and whether the objectives of the resettlement plan have been achieved by taking into account the baseline conditions and the results of resettlement monitoring. Disclose monitoring reports.

## **G. Valuation of Assets**

89. The valuation of affected land and structures will be governed by the following process:

90. Land surveys for determining the payment of compensation would be conducted on the basis of updated official records and ground facts. The land records containing information like legal title, and classification of land will be updated expeditiously for ensuring adequate cost compensation and allotment of land to the entitled displaced persons. Records as they are on the cut-off date will be taken into consideration while determining the current use of land. The economically unviable residual land remaining after the land acquisition will be acquired as per the provisions of RFCT in LARR Act, 2013. The owner of such land/property if desired so, will have the right to seek acquisition of his entire contiguous holding/ property provided the residual land is economically unviable. However, the Collector will decide on the viability and acquisition of such land under section 94 (1-4) of RFCTLARR Act, 2013 and his decision will be termed as final.

91. The methodology for verifying the replacement cost for each type of loss will be calculated as per the provision made in the RFCT in LARR Act -2013, which take account of market value, additional solatium, transitional value and therefore, equivalent to the replacement cost defined in the SPS 2009.

## 1. Valuation of Land:

92. The District Collector/Deputy Commissioner shall determine the market value of the land with assessment of (a) the market value, if any, specified in the Indian Stamp Act, 1899 for the registration of sale deeds or agreements to sell, as the case may be, in the area, where the land is situated; or (b) the average sale price for similar type of land situated in the nearest village or nearest vicinity area; or (c) consented amount of compensation as agreed upon, whichever is higher.

93. Where the market value as per above section (1) cannot be determined for the reason that: (a) the land is situated in such area where the transactions in land are restricted by or under any other law for the time being in force in that area; or (b) the registered sale deeds or agreements to sell for similar land are not available for the immediately preceding three years; or (c) the market value has not been specified under the Indian Stamp Act, 1899; the appropriate authority, the State Government concerned shall specify the floor price or minimum price per unit area of the said land based on the Price calculated in the manner specified in the above section (1) in respect of similar types of land situated in the immediate adjoining areas.

94. The market value calculated as per above section (1) shall be multiplied by a factor of (a) 1 (one) to 2 (two) in rural areas based on the distance of project from Urban Area as notified by the State Government; and (b) one in urban areas.

95. Solatium amount equivalent to 100% of the market value calculated on the basis of above (1 or 2) x 3.

Hence;

The cost of land in rural areas =  $X + 100\%$  of  $X$ ,

The cost of land in urban areas =  $X + 100\%$  of  $X$

Where  $X$  = Market Value as determined above x 1 to 2.

## 2. Valuation of Building and Structure:

96. The cost of buildings will be estimated based on updated Basic Schedule of Rates (BSR) as on date without depreciation. Since all the affected structures belong to non-titleholders, no Solatium will be added to the estimated market value of the structure as it is provided to only the titleholders under the provision of RFCT in LARR Act -2013. During valuation of structure/building following parameters should be taken into account:

- From where they use to buy materials
- Type of shops
- Distance to be traveled
- Sources (local or foreign) and the cost of various materials
- Who will build the structures (owner or contractor) and whether they will use the hired labor or their own labor;

- Obtaining cost estimates by meeting at least three contractors/suppliers in order to identify cost of materials and labor
- Identifying the cost of different types of houses of different categories and compare the same with district level prices.
- Calculation of the labor cost even if the structure is constructed by the household only without hiring any labor.

97. Even after payment of compensation, DPs would be allowed to take away the materials salvaged from their dismantled houses and shops and no charges will be levied upon them for the same. In case of any structures not removed by the DPs in stipulated 60 days period, a notice to that effect will be issued intimating that DPs can take away the materials so salvaged within 48 hours of their demolition; otherwise, the same will be disposed by the project authority without giving any further notice.

### **3. Valuation of Trees:**

98. Compensation for trees will be based on their full replacement cost. The District Collector/Deputy Commissioner for the purpose of determining the market value of trees and plants attached to the land acquired, use the services of experienced persons/agencies in the field of agriculture, forestry, horticulture, sericulture, or any other field, as may be considered necessary by him.

99. Trees standing on the land owned by the government will be disposed off through open auction by the concerned Revenue Department/ Forest Department. DPs will be provided with an advance notice of three months prior to relocation. Further, all compensation and assistance will be paid to DPs at least 60 days prior to displacement or dispossession of assets.

100. For temporary impact on land and common resources, any land required by the project on a temporary basis will be compensated in consultation with landowners and will be restored to previous or better quality. Implementation issues can be found in the Entitlement Matrix.

## 6.

## ENTITLEMENTS, ASSISTANCE AND BENEFITS

**A. Introduction**

101. The project will have three types of displaced persons i.e., (i) persons with formal legal rights to land lost in its entirety or in part; (ii) persons who lost the land they occupy in its entirety or in part who have no formal legal rights to such land, but who have claims to such lands that are recognized or recognizable under national laws; and (iii) persons who lost the land they occupy in its entirety or in part who have neither formal legal rights nor recognized or recognizable claims to such land. The involuntary resettlement requirements apply to all three types of displaced persons. The project involves land acquisition and therefore legal titleholders will be affected, the RP describes provision for all type of DPs and formulated the entitlement matrix.

**B. Cut-off-Date for Entitlement**

102. For titleholders in case of land acquisition, the date of publication of preliminary notification for acquisition under section 11 of the RFCT in LARR Act – 2013 will be treated as the cut-off date. For non-titleholders, the cut-off date will be the start date of the census survey which is 28 September 2021. The cut-off date for non-titleholders will be officially declared by the EA/IA along with the disclosure of RP. DPs who settle in the affected areas after the cut-off date will not be eligible for compensation. They, however, will be given sufficient advance notice, requested to vacate premises and dismantle affected structures prior to project implementation. Their dismantled structures materials will not be confiscated and they will not pay any fine or suffer any sanction.

**C. Project Entitlement**

103. In accordance with the R&R measures outlined in the previous chapter, all displaced households and persons will be entitled to a combination of compensation packages and resettlement assistance depending on the nature of ownership rights on lost assets and scope of the impacts including socio-economic vulnerability of the displaced persons and measures to support livelihood restoration if livelihood impacts are envisaged. The displaced persons will be entitled to the following five types of compensation and assistance packages:

- a) *Compensation for structures (residential/ commercial) and other immovable assets at their replacement cost;*
- b) *Compensation for the loss of land, crops/ trees at their replacement cost;*
- c) *Assistance in lieu of the loss of business/ wage income and income restoration assistance;*
- d) *Assistance for shifting and provision for the relocation site (if required), and*
- e) *Rebuilding and/ or restoration of community resources/facilities.*

104. **Loss of land** will be compensated at replacement cost plus refund of transaction cost (land registration cost, stamp duties etc.) incurred for purchase of replacement land within the time frame mentioned in the entitlement matrix. DPs with traditional title/occupancy rights will also be eligible for full compensation for land at replacement value. If the residual plot(s) becomes not viable three options are to be given to DP, subject to his acceptance which are (i) The DP remains on the plot, and the compensation and assistance paid to the tune of required amount of land to be acquired, (ii) Compensation and assistance are to be provided for the entire plot including residual part, if the owner of such land wishes that his residual plot should also be acquired by the IA, the IA will acquire the residual



plot and pay the compensation for it. The viability of such plot would be certified by concerned subdivisional magistrate (SDM) and concerned building department of the PWD. (iii) If the DP is from vulnerable group, compensation for the entire land by means of land for land will be provided if DP wishes so, provided that land of equal productive value is available. The replacement of land option will be considered by the District Collector/SDM while acquiring land wherever feasible alternate land is available. All fees, stamp duties, taxes and other charges, as applicable under the relevant laws, incurred in the relocation and rehabilitation process, are to be borne by the EA/IA. Each titled holder family losing land will be entitled for following assistances.

- (i) One time resettlement allowance of Rs. 50,000.
- (ii) One time assistance option from: (i) Where jobs are created through the project, employment for at least one member of the affected family with suitable training and skill development in the required field; or (ii) one-time payment of Rs. 500,000.

105. **Loss of Structures** will be compensated at replacement value with other assistance to the non-titleholders. The details of entitlement will be as:

- (i) Compensation for structure at the replacement cost to be calculated as per latest prevailing basic schedules of rates (BSR) without depreciation.
- (ii) Right to salvage materials from structure and other assets with no deductions from replacement value.
- (iii) One-time Resettlement allowance of Rs. 50,000
- (iv) One-time financial assistance of Rs. 25,000 to the families losing cattle sheds for reconstruction
- (v) One time shifting assistance of Rs. 50,000 towards transport costs etc.

106. **Loss of livelihood due to loss of primary source of income** will be compensated through rehabilitation assistances. There are only non-titleholders in this project losing primary source of income. Details of entitlements for the above categories are described below:

- (i) One-time financial assistance of minimum Rs. 25,000 for skill up-gradation training to DPs opted for (one member of the affected family) income restoration.
- (ii) Preference in employment under the project during construction and implementation.
- (iii) Monthly Subsistence allowance of Rs. 3,000 for one year (total Rs. 36,000) from the date of award

107. **Loss trees and crops** will be compensated by cash compensation. The entitlements to the DPs losing trees will be compensated for trees based on timber value at market price, and compensation for perennial crops and fruit trees at annual net product market value multiplied by remaining productive years; to be determined in consultation with the Forest Department for timber trees and the Horticulture Department for other trees/crops. Since there is no land acquisition under the subproject, no loss of trees is envisaged.

108. **Additional assistance to vulnerable households** (Vulnerable households includes BPL, SC, ST, WHH, disabled and elderly and non-titleholders DPs) will be paid with special assistance as detailed below. The following provision in addition to the compensation for lost assets will ensure that the vulnerable people affected under the Project will be able to improve their standard of living or attain at least national minimal level.

- (i) One-time lump sum assistance of Rs. 25,000 to vulnerable households. This will be paid above and over the other.
- (ii) Receive preference in income restoration training program under the project.
- (iii) Preference in employment under the project during construction and implementation according to their acquired skills.
- (iv) Access to basic utilities and public services.

109. **Loss of community infrastructure/common property resources** will be compensated either by cash compensation at replacement cost to the community (registered trust, society or village committee as appropriate) or reconstruction of the community structure in consultation with the affected community. CPR clearing and reconstruction including any ceremonial/religious expenses to relocate such structures will be undertaken by civil works contractors, and the associated costs are incorporated in their contracts.

110. **Temporary Impacts** on agricultural land due to plant site for contractor etc will be eligible for cash compensation for loss of income potential including:

- (i) Any land required by the Project on a temporary basis will be compensated in consultation with the landholders.
- (ii) Rent at market value for the period of occupation
- (iii) Compensation for assets at replacement cost
- (iv) Restoration of land to previous or better quality
- (v) Location of construction camps will be fixed by contractors in consultation with Government and local community.
- (vi) 60 days advance notice regarding construction activities, including duration and type of temporary loss of livelihood.
- (vii) Cash assistance based on the minimum wage/average earnings per month for the loss of income/livelihood for the period of disruption, and contractor's actions to ensure there is no income/access loss consistent with the EMP.
- (viii) Assistance to mobile vendors/hawkers to temporarily shift for continued economic activity.

111. **Any unanticipated impacts** due to the project will be documented during the implementation phase and mitigated based on provision made in the Entitlement Matrix of this RP.

#### **D. Entitlement Matrix**

112. An Entitlement Matrix has been developed for the entire Bihar State Highways III Project and is applicable to phase II also: it summarizes the types of losses and the corresponding nature and scope of entitlements; and is in compliance with National/ State Laws and ADB SPS-2009 (refer to Table 38). Appropriate compensation and assistance will be fully paid prior to any physical or economic displacement.

113. All compensation and other assistances<sup>9</sup> will be paid to all DPs prior to commencement of civil works. After payment of compensation, DPs would be allowed to take away the materials salvaged from

<sup>9</sup> While compensation is required prior to dispossession or displacement of affected people from their assets, the full resettlement plan implementation, which may require income rehabilitation measures, might be completed only over a longer period of time after civil works have begun. Displaced people will be provided with certain resettlement

their dismantled houses and shops and no charges will be levied upon them for the same. The cost of salvaged materials will not be deducted from the overall compensation amount due to the DPs. A notice to that effect will be issued intimating that DPs can take away the materials.

Not to be used as a Bid Document, Only for Reference

---

entitlements, such as land and asset compensation and transfer allowances, prior to their displacement, dispossession, or restricted access.

Table 38: Entitlement Matrix

S.N.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsible Agency
<b>Land</b>						
1-a	Loss of private land	Agricultural land <sup>10</sup> , homestead land or vacant plot	Legal titleholders/ Family with traditional titleholders <sup>11</sup>	<ul style="list-style-type: none"> <li>• Compensation at replacement cost or land-for-land where feasible.<sup>12</sup>If land-for-land is offered, titles will be in the name of original landowners.</li> <li>• One time Resettlement allowance<sup>13</sup> of Rs. 50,000 per affected family<sup>14</sup></li> <li>• Each affected family shall be eligible for choosing one time assistance option from: (i) Where jobs are created through the project, employment for at least one member of the affected family with suitable training and skill development in the required field; or (ii) One-time payment of Rs. 500,000 per affected family.</li> </ul>	<ul style="list-style-type: none"> <li>• Compensation accounts for all taxes and fees, and does not account for any depreciation.</li> <li>• Vulnerable households will be identified during the census.</li> <li>• Re-titling to be completed prior to project completion</li> <li>• For option of choosing job created through project, job will be paid at living wage and monitored by CSC.</li> </ul>	The Valuation Committee will determine replacement value as per the procedures outlined in the subsequent sections of this document. PIU will ensure provision of notice. PIU will verify the extent of impacts through a 100% survey of DPs, determine assistance, and identify vulnerable households.

<sup>10</sup> The LARR, 2013 Act says no irrigated multi cropped land shall be acquired under this Act, except in exceptional circumstances, as a demonstrable last resort. Wherever such land is acquired, an equivalent area of culturable wasteland shall be developed for agricultural purposes or an amount equivalent to the value of land acquired shall be deposited with the appropriate Government for investment in agriculture for enhancing food-security. Such costing shall also reflect while preparing Resettlement Budget.

<sup>11</sup> Traditional land rights refer to households with customary rights to land, and shall be treated equivalent to titleholders. The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 defines "Forest Dwelling Scheduled Tribes" as the members or community of the Scheduled Tribes who primarily reside in and who depend on the forests and forest lands for bona fide livelihood needs and includes the Scheduled Tribe pastoralist communities. The act provides right to in situ rehabilitation including alternative land in cases where the Scheduled Tribes and other traditional forest dwellers have been illegally evicted or displaced from forest land of any description without receiving their legal entitlement or rehabilitation prior to the 13th of December 2005.

<sup>12</sup> Including option for compensation for non-viable residual portions.

<sup>13</sup> The LARR Act-2013 specifies that each affected family shall be given one time Resettlement Allowance of Rs.50,000/- only. This is to cover transport and shifting.

<sup>14</sup> 'Family' includes a person, his or her spouse, minor children, minor brothers and minor sister dependent on him. Widows, divorcees and women deserted by families shall be considered separate family. An adult of either gender with or without spouse or children or dependents shall be considered as a separate family – as defined under LARR Act-2013.

S.N.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsible Agency
				<ul style="list-style-type: none"> <li>Additional assistance to Vulnerable Households</li> </ul>		
1-b	Loss of private land	Agricultural land, homestead land or vacant plot	Tenants and leaseholders (whether having written tenancy/lease documents or not / Sharecroppers	<ul style="list-style-type: none"> <li>Compensation for rental deposit or unexpired lease (such amount will be deducted from the compensation of land owners).</li> <li>Additional assistance to Vulnerable Households</li> </ul>	<ul style="list-style-type: none"> <li>Land owners will reimburse tenants and leaseholders land rental deposit or unexpired lease</li> <li>Vulnerable households will be identified during the census.</li> </ul>	PIU will confirm land rental and ensure tenants and leaseholders receive reimbursement for land rental deposit or unexpired lease, and report to PIU. PIU will ensure provision of notice.
1-c	Loss of Government land	Vacant plot, Agricultural land, homestead land	Leaseholders	<ul style="list-style-type: none"> <li>Compensation for rental deposit or unexpired lease (such amount will be deducted from the compensation of the lessee).</li> <li>Additional assistance to Vulnerable Households</li> </ul>	<ul style="list-style-type: none"> <li>Vulnerable households will be identified during the census.</li> </ul>	PIU will ensure provision of notice and identify vulnerable households.
1-d	Loss of Government land	Vacant plot, Agricultural land, homestead land, RoW of road	Non-Title Holders/Squatters <sup>15</sup> , Encroachers <sup>16</sup>	<ul style="list-style-type: none"> <li>At least 60 days advance notice to shift from occupied land.</li> <li>Notice to harvest standing seasonal crops and compensation.</li> <li>Additional assistance to Vulnerable Households</li> </ul>	<ul style="list-style-type: none"> <li>Vulnerable households will be identified/verified during the RP implementation.</li> </ul>	PIU will ensure provision of notice. PIU will identify vulnerable households.
<b>Residential Structures<sup>17</sup></b>						
2-a	Loss of residential structure	Residential structure and other assets <sup>18</sup>	Legal titleholders  Family with traditional land right	Each affected family shall be eligible for choosing one time assistance option from:	<ul style="list-style-type: none"> <li>Compensation accounts for all taxes and fees, and does</li> </ul>	Valuation committee will verify replacement value. PIU will verify the extent of impacts through a 100%

<sup>15</sup> Squatters are those who have no recognizable rights on the land that they are occupying.

<sup>16</sup> Encroachers are those who build a structure which is in whole or is part of an adjacent property to which he/she has no title. The vulnerability of these encroachers will be based on their other criteria except their NTH status.

<sup>17</sup> Some of the entitlements under section are the same as previous rows as it is structured separately for each affected category and should not be duplicated in reading.

<sup>18</sup> Other assets include, but is not limited to walls, fences, sheds, wells, etc.

S.N.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsible Agency
				<p>(i) Replacement cost of the structure and other assets (or part of the structure and other assets, if remainder is viable);</p> <p>or</p> <p>(ii) In Rural area, the displaced family will be provided with the option of constructed house as per Indira Aawas Yojana specifications in lieu of cash compensation;</p> <p>(iii) In Urban area, the displaced family will be provided with the option of constructed house of minimum 50 sq. m. plinth area in lieu of cash compensation.</p> <ul style="list-style-type: none"> <li>• Fees, taxes, and other charges related to replacement structure.</li> <li>• Right to salvage materials from structure and other assets with no deductions from replacement value.</li> <li>• One-time Resettlement allowance of Rs. 50,000 per affected household</li> <li>• One-time financial assistance of Rs. 25,000 to the families losing cattle sheds for reconstruction</li> <li>• All displaced families will receive one time Shifting assistance of Rs. 50,000 towards transport costs etc.</li> <li>• Additional assistance to Vulnerable Households</li> </ul>	<p>not account for any depreciation.</p> <ul style="list-style-type: none"> <li>• Vulnerable households will be identified/verified during the RP implementation.</li> </ul>	<p>survey of DHs determine assistance, verify and identify vulnerable households.</p>
2-b	Loss of	Residential	Tenants and	<ul style="list-style-type: none"> <li>• Replacement cost of part/whole of</li> </ul>	Land/structure owners	Valuation committee will

S.N.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsible Agency
	residential structure	structure and other assets	leaseholders	<p>structure constructed by the tenant/leaseholder, and this will be deducted from the compensation amount of the owner.</p> <ul style="list-style-type: none"> <li>• Compensation for rental deposit or unexpired lease.</li> <li>• Right to salvage materials (of the portion constructed by tenants or leaseholders) from structure and other assets</li> <li>• One time Resettlement allowance of Rs. 50,000 per affected family</li> <li>• One-time financial assistance of Rs. 25,000 to the families losing cattle sheds for reconstruction.</li> <li>• All displaced families will receive one time Shifting assistance of Rs. 50,000 towards transport costs etc.</li> <li>• Additional assistance to Vulnerable Households</li> </ul>	<p>will reimburse tenants and leaseholders rental deposit or unexpired lease.</p> <p>Vulnerable households will be identified/verified during the RP implementation.</p>	<p>verify replacement value. PIU will verify the extent of impacts through 100% surveys of DHs determine assistance, verify and identify vulnerable households.</p>
2-c	Loss of residential structure	Residential structure and other assets	Non-Title Holders	<ul style="list-style-type: none"> <li>• At least 60 days advance notice to shift.</li> <li>• Replacement cost<sup>19</sup> of structure without depreciation</li> <li>• Right to salvage materials from structure and other assets without any cost</li> <li>• One time Resettlement allowance of Rs. 50,000 per affected family</li> </ul>	<p>Vulnerable households will be identified/verified during the RP implementation.</p>	<p>PIU will verify the extent of impacts through a 100% survey of DHs determine assistance, verify and identify vulnerable households.</p>

<sup>19</sup>Replacement cost will be based on the following elements: (i) fair market value; (ii) transaction costs; (iii) interest accrued, (iv) transitional and restoration costs; and (v) other applicable payments, if any. Where market conditions are absent or in a formative stage, the borrower/client will consult with the displaced persons and host populations to obtain adequate information about recent land transactions, land value by types, land titles, land use, cropping patterns and crop production, availability of land in the project area and region, and other related information.

S.N.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsible Agency
				<ul style="list-style-type: none"> <li>All displaced families (squatters only) will receive one time shifting assistance of Rs. 50,000 towards transport costs etc.</li> <li>Additional assistance to Vulnerable Households</li> </ul>		
<b>Commercial Structures</b>						
3-a	Loss of commercial structure	Commercial structure and other assets	Legal titleholders  Family with traditional land right	<ul style="list-style-type: none"> <li>Replacement cost of the structure and other assets (or part of the structure and other assets, if remainder is viable)</li> <li>Fees, taxes, and other charges related to replacement structure.</li> <li>Right to salvage materials from structure and other assets with no deductions from replacement value.</li> <li>One time Resettlement allowance of Rs. 50,000 per affected family</li> <li>One-time financial assistance of Rs. 25,000 to the families losing shop for reconstruction of shop.</li> <li>All physically displaced families will receive one time Shifting assistance of Rs. 50,000 towards transport costs etc.</li> <li>Additional assistance to Vulnerable Households</li> </ul>	<ul style="list-style-type: none"> <li>Compensation accounts for all taxes and fees, and does not account for any depreciation.</li> </ul> <p>Vulnerable households will be identified during the census.</p>	Valuation committee will determine replacement value. PIU will verify the extent of impacts through a 100% survey of DHs determine assistance, verify and identify vulnerable households.
3-b	Loss of commercial structure	Commercial structure and other assets	Tenants and leaseholders	<ul style="list-style-type: none"> <li>Replacement cost of part/whole of structure constructed by the tenant/leaseholder, and this will be deducted from the compensation amount of the owner.</li> <li>Compensation for rental deposit or</li> </ul>	Land/structure owners will reimburse tenants and leaseholders land rental deposit or unexpired lease.	Valuation committee will determine replacement value. PIU will verify the extent of impacts through a 100% survey of DHs determine assistance, verify and identify vulnerable



S.N.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsible Agency
				unexpired lease. • Right to salvage materials (of the portion constructed by tenants or leaseholders) from structure and other assets • One time Resettlement allowance of Rs. 50,000 per affected family • All displaced families will receive both: (i) One time Shifting assistance of Rs. 50,000 towards transport costs etc.; and (ii) monthly Subsistence allowance of Rs. 3,000 for one year (total Rs. 36,000) from the date of award • Additional assistance to Vulnerable Households	Vulnerable households will be identified during the census.	households.
3-c	Loss of commercial structure	Commercial structure and other assets	Non-Title Holders, Squatters, Encroacher	• Replacement cost of structure constructed by the squatter • Right to salvage materials from structure and other assets • One time Resettlement allowance of Rs. 50,000 per affected family • All displaced families will receive one time Shifting assistance of Rs. 50,000 towards transport costs etc. • Displaced families belong to Scheduled Caste (SC) and Scheduled Tribe (ST) will receive additional one-time Rs. 50,000 as subsistence allowance. • Additional assistance to Vulnerable Households	Vulnerable households will be identified during the census.	PIU will verify the extent of impacts through 100% surveys of DHs determine assistance, verify and identify vulnerable households.
<b>Livelihood</b>						
4	Loss of	Livelihood	Legal titleholder losing	• One-time financial assistance of	Vulnerable households	PIU will verify the extent of

S.N.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsible Agency
	livelihood		business/ commercial establishment  Family with traditional land right  Commercial tenant  Commercial leaseholder  Employee in commercial establishment  Agricultural laborer (long term)  Artisans  Commercial Squatters and Encroachers	minimum Rs. 25,000. <ul style="list-style-type: none"> <li>• Skill up-gradation training to APs opted for (one member of the affected family) income restoration.</li> <li>• Preference in employment under the project during construction and implementation.</li> <li>• Monthly Subsistence allowance of Rs. 3,000 for one year (total Rs. 36,000) from the date of award</li> <li>• Additional assistance to Vulnerable Households</li> </ul>	will be identified/verified during the RP implementation.	impacts through a 100% survey of DHs determine assistance, verify and identify vulnerable households.  For Agricultural laborer (long timer) Only those who are in fulltime / permanent employment of the land owner will be eligible for this assistance. Seasonal agricultural laborers will not be entitled for this assistance.
<b>Trees and Crops</b>						
5	Loss of trees and crops	Standing trees and crops	Legal titleholder  Family with traditional land right  Agricultural tenant/ leaseholder  Sharecroppers  Non-Title Holders  Squatter	<ul style="list-style-type: none"> <li>• Advance notice of 60 days to harvest crops, fruits, and timbers.</li> <li>• Compensation for standing crops in case of such loss, based on an annual crop cycle at market value</li> <li>• Compensation for trees based on timber value at market price, and compensation for perennial crops and fruit trees at annual net product market value multiplied by remaining productive years; to be determined in consultation with the Forest Department for</li> </ul>	<ul style="list-style-type: none"> <li>• Harvesting prior to acquisition will be accommodated to the extent possible</li> <li>• Work schedules will avoid harvest season.</li> <li>• Seasonal crops will be given at least 60 days' notice. If notice cannot be given, compensation for standing crops will be compensated at market value.</li> </ul>	PIU will ensure provision of notice. Valuation Committee will undertake valuation of standing crops, perennial crops and trees, and finalize compensation rates in consultation with DPs.

S.N.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsible Agency
				timber trees and the Horticulture Department for other trees/crops.	• Market value of trees/crops has to be determined.	
<b>Vulnerable</b>						
6	Impacts on vulnerable APs	All impacts	Vulnerable APs	<ul style="list-style-type: none"> <li>• One-time lump sum assistance of Rs. 25,000 to vulnerable households. This will be paid above and over the other assistance provided in items 1, 2, 3, 4 and 5.</li> <li>• Receive preferential in income restoration training program under the project.</li> <li>• Preference in employment under the project during construction and implementation.</li> <li>• Access to basic utilities and public services</li> </ul>	Vulnerable households will be identified/verified during the RP implementation.	<p>PIU will verify the extent of impacts through 100% surveys of DHs determine assistance, verify and identify vulnerable households.</p> <p>The PIU with support from the PM/AE and RP Implementation agency<sup>20</sup> will conduct a training need assessment in consultations with the displaced persons so as to develop appropriate income restoration schemes.</p> <p>Suitable trainers or local resources will be identified by PIU and RP implementation agency in consultation with local training institutes.</p>
<b>Temporary Loss</b>						
7	Temporary loss of land <sup>21</sup>	Land temporarily required for sub-project construction	<p>Legal titleholders</p> <p>Family with traditional land right</p>	<ul style="list-style-type: none"> <li>• Any land required by the Project on a temporary basis will be compensated in consultation with the landholders.</li> <li>• Rent at market value for the period of occupation</li> <li>• Compensation for assets at</li> </ul>	<p>Assessment of impacts if any on structures, assets, crops and trees due to temporary occupation.</p> <p>Site restoration.</p>	Valuation Committee will determine rental value and duration of construction survey and consultation with DPs. PIU will ensure compensation is paid prior to site being taken-over by

<sup>20</sup>When suitable agency is not available, the PIU will be staffed with qualified and experienced social workers to assist the IA in RP implementation

<sup>21</sup>Temporary possession of land for project purpose can be taken only for three years from the date of commencement of such possession/occupation.

S.N.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsible Agency
				replacement cost <ul style="list-style-type: none"> <li>• Restoration of land to previous or better quality<sup>22</sup>.</li> <li>• Location of construction camps will be fixed by contractors in consultation with Government and local community.</li> </ul>		contractor. Contractor will be responsible for site restoration.
8	Temporary disruption of livelihood		Legal titleholders, non-titled APs	<ul style="list-style-type: none"> <li>• 60 days advance notice regarding construction activities, including duration and type of disruption.</li> <li>• Cash assistance based on the average earnings per month for the loss of income/livelihood for the period of disruption, and contractor's actions to ensure there is no income/access loss consistent with the EMP.<sup>23</sup></li> <li>• Assistance to mobile vendors/hawkers to temporarily shift for continued economic activity.<sup>24</sup></li> </ul>	Identification of alternative temporary sites to continue economic activity.	Valuation Committee will determine income lost.  Contractors will perform actions to minimize income/access loss.
<b>Common Resources</b>						
9	Loss and temporary impacts on common resources	Common resources	Communities	<ul style="list-style-type: none"> <li>• Replacement or restoration of the affected community facilities – including public water stand posts, public utility posts, temples, shrines, etc.</li> </ul>	Follow ADB SPS	PIU and Contractor.

<sup>22</sup> If the land has become permanently unfit to be used for the purpose for which it was used immediately before the commencement of such term, and if the persons interested shall so require, the appropriate Government shall proceed under the Act to acquire the land as if it was needed permanently for a public purpose.

<sup>23</sup> This includes: leaving spaces for access between mounds of soil, providing walkways and metal sheets to maintain access across trenches for people and vehicles where required, increased workforces to finish work in areas with impacts on access, timing of works to reduce disruption during business hours, phased construction schedule and working one segment at a time and one side of the road at a time.

<sup>24</sup> For example, assistance to shift to the other side of the road where there is no construction.

S.N.	Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsible Agency
<b>Other</b>						
10	Any other loss not identified	-	-	<ul style="list-style-type: none"><li>Unanticipated involuntary impacts will be documented during the implementation phase and mitigated.</li></ul>	-	PIU will finalize the entitlements in line with ADB's SPS, 2009.

## 7.

## RELOCATION OF HOUSING AND SETTLEMENTS

**A. Basic Provision for Relocation**

114. The EA will provide adequate and appropriate replacement of structures or cash compensation at full replacement cost for lost structures, adequate compensation for partially damaged structures, and relocation assistance, according to the Entitlement Matrix. The EA will compensate to the non-titleholders for the loss of assets other than land, such as dwellings, and also for other improvements to the land, at full replacement cost.

**B. Need for Relocation**

115. Despite being a linear project and efforts made to minimize the resettlement impacts, the proposed project will affect residential and commercial structures as a result of which both physical and economic displacement will arise and need of relocation in the project. Efforts are made through various provisions in this resettlement plan to mitigate negative social impacts caused up on displaced persons and communities by supporting relocation of affected households and by restoration of income to national minimum standard.

116. In the subproject, 766 residential structures owned by 501 households, 793 commercial structures owned by 672 households, 21 residential-cum-commercial structures owned by 21 households and 324 other private structures owned by 206 households are being affected as shown in table below.

**Table 39: Loss of Private Structure**

Sl. No.	Type of Structure	No. of Structure	DHs
1	Residential Structure	766	501
2	Commercial Structure	793	672
3	Resi+Commercial Structure	21	21
4	Other Private Structure	324	206
<b>Total</b>		<b>1904</b>	<b>1400</b>

**C. Relocation and Compensation Option by DPs**

117. To understand and know the relocation options, DPs were consulted during the census survey and out of 1400 households losing structures 729 (52%) have opted for self-relocation and 48% have opted for project-based relocation. However, most of them (94.29%) opted for cash compensation against loss of their structure. The details are given in **Table 40**.

**Table 40: DPs Choice on Relocation and Compensation**

Sl. No.	Relocation Options	No. of Households	%	Compensation Option	No. of Households	%
1	Self-Relocation	729	52.06	Structure for Structure loss	80	5.71
2	Project Assisted Relocation	671	47.94	Cash for Structure loss	1320	94.29

<b>Total</b>	<b>1400</b>	<b>100.00</b>		<b>1400</b>	<b>100.0</b>
--------------	-------------	---------------	--	-------------	--------------

#### **D. Relocation Strategy**

118. With the scattered nature of resettlement impacts the residential structures affected in the project are spread all along the subproject road. Most of the DPs preferred for cash compensation and self-relocation and during the focused group discussion, while discussing about relocation options people were very much in favour of resettlement within the village to avoid disruption of community life and problem with host community. Therefore, cash compensation at market rate along with relocation assistances is adopted as more practical solution in this case.

119. All the structures affected in the project as per provisions made in the entitlement matrix will be eligible for the following:

- (i) Compensation for structure will be paid at the replacement cost to be calculated as per latest prevailing basic schedules of rates (BSR) without depreciation,
- (ii) One-time Resettlement allowance of Rs. 50,000 per affected household
- (iii) Shifting assistance to all structures at @ of Rs. 50,000 per structure,
- (iv) Right to salvage materials from structure and other assets with no deductions from replacement value, and

120. To help the DPs losing structures in getting all above entitlements and relocating themselves, following relocation strategy will be adopted in the project:

- a) At least 60 days advance notice before demolition of structure.
- b) Their dismantled structures materials will not be confiscated and they will not pay any fine or suffer any sanction.
- c) The RP implementing agency engaged for RP implementation will assist DPs during verification of assets and will provide necessary counseling on payment of compensation and assistance.
- d) The RP implementing agency will assist the project authorities in ensuring a smooth transition (during the part or full relocation of the DPs), helping the DPs to take salvaged material and shift.
- e) In close consultation with the DPs, the RP implementing agency will fix the shifting dates agreed with the DPs in writing and the arrangements desired by the DPs with respect to their entitlements.
- f) In case of self-relocation also, the RP implementing agency will assist the DPs in finding alternative land within the village if so desired by the DPs in consultation with village committee and other beneficiaries in the villages.

#### **E. Relocation Strategy for CPR**

121. There are 91 common property resources reported to be affected under the sub-project as provided in table 18 of this RP. The CPRs will be compensated either by cash compensation at replacement cost to the community (registered trust, society or village committee as appropriate) or reconstruction of the community structure in consultation with the affected community. CPR clearing and reconstruction including any ceremonial/religious expenses to relocate such structures will be undertaken by civil works contractors, and the associated costs are incorporated in their contracts.

## 8.

## INCOME RESTORATION AND REHABILITATION

## A. Loss of Livelihoods in the Project

122. The project impacts reveal that due to loss of land and commercial structures 1820 households will experience loss of their livelihood. As per the findings of census survey, 1049 owners of agriculture land, 672 owners of commercial structures, 21 owners of residential-cum-commercial structures and 73 tenants doing business activity and 5 employees in structures will be losing their livelihood due to the project. The details of impact on livelihoods in the project are summarized in the **Table 41**.

**Table 41 : Loss of Livelihoods in the Project**

Sl. No.	Loss	Households
1	Owners of Agricultural Land	1049
2	Agricultural Labourer	0
3	Agricultural Tenants/ Leaseholders	0
4	Sharecropper	0
5	Loss of Commercial Structure	672
6	Loss of Residential cum Commercial Structure	21
7	Commercial Tenants	73
8	Employees in Structures	5
<b>Total</b>		<b>1820</b>

123. The above table shows that out of total DPs about 72% households are losing livelihood under the subproject. Income losses due to loss of commercial structure will be restored in a sustainable manner; in addition to subsistence allowance and livelihood allowance, DPs will be provided with skill up-gradation and training.

## B. Provisions for Loss of Livelihood

124. The DPs losing their livelihoods include titleholders losing land and structures, non-titleholders having commercial structures, and commercial tenants and employees in affected commercial structures under the project. In the case of economically displaced persons, regardless of whether or not they are physically displaced, the EA will promptly compensate for the loss of income or livelihood sources at full replacement cost. The EA will also provide assistance such as credit facilities, training, and employment opportunities so that they can improve, or at least restore, their income-earning capacity, production levels, and standards of living to national minimum standard. The RP implementing agency will prepare the micro plan with specific income restoration activities for each DPs at such appropriate time to enable the DPs to initiate restore their income in line with the construction schedule.

125. In cases where land acquisition affects commercial structures which are required to be relocated, affected business owners are entitled to:

- (i) the costs of reestablishing commercial activities elsewhere;
- (ii) the subsistence allowance lost during the transition period; and
- (iii) the costs of transferring the plant, machinery, or other equipment.



126. Business owners with legal rights or recognized or recognizable claims to land where they carry out commercial activities are entitled to replacement property of equal or greater value or cash compensation at full replacement cost. Non-titleholder households losing business structure and livelihood will be compensated for the structure loss and receive transitional assistance as well. The IA will ensure that no physical displacement or economic displacement will occur until:

- (i) compensation at full replacement will paid to each displaced person for project components or sections that are ready to be constructed;
- (ii) other entitlements listed in the resettlement plan have been provided to displaced persons; and
- (iii) a comprehensive income and livelihood rehabilitation program, supported by an adequate budget, is in place to help displaced persons improve, or at least restore, their incomes and livelihoods.

### **C. Income Restoration Measures**

127. The entitlement proposed for the project has adequate provisions for restoration of livelihood of the affected communities. The focus of restoration of livelihoods is to ensure that the DPs are able to at least regain national minimum standards. To restore and enhance the economic conditions of the DPs, certain income generation and income restoration programs are incorporated in the RP. To begin with providing employment to the local people during the construction phase will enable them to benefit from the project, reduce the size of intrusive work forces and keep more of the resources spent on the project in the local economy. It will also give the local communities a greater stake and sense of ownership in the project.

128. Among specific rehabilitation measures, capacity buildings of all the economically displaced persons will be carried out by the project authority. The RP implementing agency to be engaged under the Project will identify the eligible and most suitable candidate from the family by carry out training need assessment and prepare micro plan for rehabilitation of DPs. The RP implementing agency will impart training to the selected/eligible DPs for income restoration and skill up-gradation as per the micro plan. The EA will also provide opportunities to displaced persons to derive appropriate development benefits from the project. The vulnerable DPs will be given preference in availing employment opportunities in project construction work. The women headed households also will be taken care of in a case-to-case basis and the RP implementing agency will help them in forming Self-help Groups (SHGs), establish linkages to available credit facilities, special trainings, and linking them with ongoing govt. schemes. Budget for training in terms of assistance is provided to DPs losing livelihoods and the RP implementing agency will either organize training programs by employing appropriate resource persons or link the DPs to various ongoing training schemes. Fund for training is provided in the R&R budget keeping in view the average expenditure for ongoing training programs in the project area.

### **D. Additional Support from Ongoing Poverty Reduction Programs**

129. In addition to project-sponsored programs, the RP implementing agency will play a proactive role to mobilize DPs to get benefits from various government schemes National Farmer Policy, animal husbandry and dairy development, development of inland fisheries and agriculture, providing kishan credit card, agriculture insurance schemes etc. and ensure their accessibility particularly of vulnerable groups. The RP implementing agency will work with the panchayat governments to make available to the DPs benefits of some of the ongoing pro-poor programs for poverty reduction.

## 9.

**RESETTLEMENT BUDGET AND FINANCING PLAN****A. Introduction**

130. The resettlement cost estimate for this project includes eligible compensation, resettlement assistance and support cost for RP implementation. The support cost, which includes staffing requirement, monitoring and reporting, involvement of RP implementing agency in project implementation and other administrative expenses are part of the overall project cost. The unit cost for structures and other assets in this budget has been derived through field survey, consultation with affected families, relevant local authorities and reference from old practices. Contingency provisions have also been made to take into account variations from this estimate. Some of the major items of this R&R cost estimate are outlined below:

- Compensation for agricultural, residential and commercial land at their replacement value
- Compensation for structures (residential/ commercial) and other immovable assets at their replacement cost
- Compensation for trees
- Subsistence assistance in lieu of the loss of business and livelihood
- Assistance in lieu of the loss of business/ wage income/ employment and livelihood
- Assistance for shifting of the structures
- Resettlement and Rehabilitation Assistance in the form of Training allowance
- Special assistance to vulnerable groups for their livelihood restoration
- Cost for implementation of RP.

**B. Compensation**

131. **Private Land:** For the purpose of cost estimate, the unit rate for agricultural land has been estimated on the basis of latest official rate and prevailing market value assessment during census survey. However, the actual compensation for land at replacement cost will be determined by District Collector as. For cost estimates of land multiplying factor is taken 1 for urban areas while it is considered as 2 in case of rural areas.

132. **Residential/ Commercial and other structures:** For the purpose of cost estimate, average rates of various types of structures are estimated on the basis of latest BSR and market assessment. The average rate for permanent structures without land has been calculated at Rs. 15,000/m<sup>2</sup>, semi-permanent structures have been calculated at Rs. 10,000/m<sup>2</sup>, and temporary structures have been calculated at the rate of Rs. 5,000/m<sup>2</sup>. However, the actual compensation will be calculated by the professional valuer taking into account the latest BSR without depreciation.

133. **Compensation for tree:** For cost estimate the rate for fruit and non-fruit trees are computed as Rs. 15000 and Rs. 8000 per tree. However, the revenue department will calculate the actual cost of trees during field verification.

### **C. Assistance**

134. All title-holder DPs losing land and non-titleholder DPs losing structures will be eligible for onetime resettlement allowance of Rs. 50,000/- (Rupees Fifty Thousand Only) per affected family.

135. Titleholder DPs losing land will be eligible for onetime assistance of Rs. 5,00,000/- (Rupees Five Lakh Only) per affected family.

136. Titleholder DPs losing structure, non-titleholder DPs losing structures (squatters only) and tenants will be eligible for onetime shifting assistance of Rs. 50,000/- (Rupees Fifty Thousand Only) towards transport costs.

137. DPs losing cattle shed will be eligible for Rs. 25,000/- (Rupees Twenty-Five Thousand Only) as assistance for reconstruction of cattle shed.

138. All DPs losing livelihood will be eligible for monthly subsistence allowance of Rs. 3,000/- per month for a period of one year from the date of award i.e., Rs. 36,000/- (Rupees Thirty Six Thousand Only) per affected family.

139. All DP losing livelihood will be eligible for onetime financial assistance of minimum Rs. 25,000/- (Rupees Twenty-Five Thousand Only) per affected family.

140. Skill up-gradation training to DPs (one member of the affected family) opted for income restoration. Based on the prevailing training expenditure Rs. 10,000/- (Rupees Ten Thousand Only) per families losing livelihood.

141. Additional onetime assistance of Rs. 25,000 (Rupees Twenty-Five Thousand Only) per affected vulnerable family.

### **D. Compensation for Community and Government Property**

142. The inventory of CPR was conducted under the census survey and the list of the affected CPRs is provided in Appendix3. CPR clearing and reconstruction including any ceremonial/religious expenses to relocate such structures will be undertaken by civil works contractors, and the associated costs are incorporated in their contracts.

### **E. RP Implementation and Support Cost**

143. The unit cost for hiring of the RP implementing agency has been calculated on a lump sum basis for Rs. 10,000,000/- (Rupees One Crore Only). The service of RP implementing agency will be required for 2 to 3 years period. Costs will be updated during implementation if required. A 10% contingency has been added in order to adjust any cost escalation during project implementation. For grievance redress process and carrying out consultation during project implementation a lump sum of Rs. 1,500,000/- (Rupees Fifteen Lakhs only) is provided. The other cost of RP implementation and administrative activities will be a part of existing departmental expenditure. For hiring of an external monitoring agency/expert a lump sum Rs. 2,000,000 (Rupees Twenty Lakhs only) has been made.

## F. R&R Budget

144. The total R&R budget for the proposed project RP works out to Rs. 5151.6 million. A detailed indicative R&R cost is given in **Table 42**.

**Table 42: R&R Budget**

Sl. No.	Item	Unit	Rate	Amount
<b>A</b>	<b>Compensation for Land</b>	<b>in Acre</b>		<b>in Rupees</b>
1	Compensation for Private Land in Rural Area	135.37	Varied	523,051,280.8
	Multiplied by factor 2+ 100% Solatium			<b>2,092,205,123</b>
2	Compensation for Private Land in Urban Area	5.95	Varied	387,044,880
	Multiplied by factor 1+ 100% Solatium			<b>774,089,760</b>
	<b>Subtotal A (1+2)</b>			<b>2,866,294,883</b>
<b>B</b>	<b>Compensation for Structure</b>	<b>in Sq. mtr./mtr.</b>	<b>Rate</b>	<b>Rupees</b>
1	Compensation for Permanent Structure	4,403.3	15,000	66,049,500
2	Compensation for Semi-Permanent Structure	7,591.4	10,000	75,914,000
3	Compensation for Temporary Structure	19,031.0	5,000	95,154,800
4	Compensation for Boundary Wall	1,205.0	2,000	2,410,000
	<b>Subtotal B</b>			<b>239,528,300</b>
<b>C</b>	<b>Compensation for Trees</b>	<b>Number</b>	<b>Rate</b>	<b>Rupees</b>
1	Fruit Bearing Tree	522	15,000	7,830,000
2	Non-fruit bearing	1,085	8,000	8,680,000
	<b>Subtotal C</b>			<b>16,510,000</b>
<b>D</b>	<b>Assistance</b>	<b>Number</b>	<b>Rate</b>	<b>Rupees</b>
1	One time assistance to land title holder	2,843	500,000	1,421,500,000
2	Resettlement allowance to all DPs	2,527	50,000	126,350,000
3	Shifting assistance to DPs losing structure & Tenants	1,478	50,000	73,900,000
4	One time allowance for skill upgradation to DPs losing livelihood	1,820	25,000	45,500,000
5	Subsistence allowance to DPs losing Livelihood	1,820	36,000	65,520,000
6	Special assistance to Vulnerable DPs	1,427	25,000	35,675,000
7	Assistance for reconstruction of cattle shed	80	25,000	2,000,000
	<b>Subtotal D</b>			<b>1,770,445,000</b>
<b>E</b>	<b>RP Implementation Support Cost</b>	<b>Number</b>	<b>Rate</b>	<b>Rupees</b>

1	Hiring of RP Implementation Agency	1	10,000,000	10,000,000
2	Grievance Redressal & Consultation Cost	Lump sum	1,500,000	1,500,000
3	Hiring External Monitoring Agency/Expert	1	2,000,000	2,000,000
	<i>Subtotal E</i>			<i>13,500,000</i>
<b>Total (A+B+C+D+E)</b>				<b>4,906,278,183</b>
<i>Contingency (5%)</i>				<i>245,313,909.2</i>
<b>GRAND TOTAL</b>				<b>5,151,592,092</b>

#### **G. Source of Funding and Fund Flow Management**

145. The cost related to resettlement will be borne by the EA. The EA will ensure allocation of funds and availability of resources for smooth implementation of the project R&R activities. The EA will, in advance, initiate the process and will try to keep the approval for the R&R budget in the fiscal budget through the ministry of finance. In the case of assistance and other rehabilitation measures, the EA will directly pay the money or any other assistance as stated in the RP to DPs. The RP implementing agency will be involved in facilitating the disbursement process and rehabilitation program.

Not to be used as a Bid Document, Only for Reference

## 10.

**GRIEVANCE REDRESS MECHANISM****A. Introduction**

146. In the project RP implementation, there is a need for an efficient grievance redress mechanism that will assist the DPs in resolving their queries and complaints. Therefore, formation of Grievance Redress Committee (GRC) will be most important for grievance redress and it is anticipated that most, if not all grievances, would be settled by the GRC.

**B. Grievance Redress Mechanism**

147. A project-specific grievance redress mechanism (GRM) will be established to receive, evaluate and facilitate the resolution of displaced people's concerns, complaints and grievances about the social and environmental performance at the level of the Project. The GRM will aim to provide a time-bound and transparent mechanism to voice and resolve social and environmental concerns linked to the project. The project-specific GRM is not intended to bypass the government's own redress process, rather it is intended to address displaced people's concerns and complaints promptly, making it readily accessible to all segments of the displaced people and is scaled to the risks and impacts of the project.

148. During project preparation, information regarding GRCs will be disclosed as part of the public consultation process. Grievances related to the implementation of the project will be acknowledged, evaluated, and responded to the complainant with corrective action proposed. The outcome shall also form part of the semi-annual monitoring report that will be submitted to ADB. The decision of the GRCs is binding, unless vacated by the court of law. The GRC will continue to function, for the benefit of the DPs, during the entire life of the project including the maintenance period.

**C. Constitution and Function of the GRC**

149. The GRC will be headed by the District Collector (DC) or his designated representative. The GRC will have representative from the PIU office, representatives of DPs, particularly of vulnerable DPs, local government representatives, representative of local NGOs and other interest groups. The GRC will meet at least once in each 15 days. Other than disputes relating to ownership rights under the court of law, GRC will review grievances involving all resettlement benefits, compensation, relocation, and other assistance. At least one member from each Panchayat will be a woman. The Committee will co-opt a member from each of the affected Panchayat institution when dealing with matters coming from a particular panchayat. Some of the specific functions of the GRC will be as following:

- To provide support for the DPs on problems arising out of land/property acquisition like award of compensation and value of assets;
- To record the grievances of the DPs, categorize and prioritize the grievances that needs to be resolved by the Committee and solve them within a month;
- To inform PIU of serious cases within an appropriate time frame; and
- To report to the aggrieved parties about the development regarding their grievance and decision of PIU.

150. It is proposed that GRC will meet regularly (at least twice in a month) on a pre-fixed date. The committee will look into the grievances of the people and will assign the responsibilities to implement the decisions of the committee. The claims will be reviewed and resolved within 15 days from the date of submission to the committee. All Grievances will be routed through the RP implementing agency to the GRC. Through public consultations, the DPs will be informed that they have a right to grievance redress.

The DPs can call upon the support of the RP implementing agency to assist them in presenting their grievances or queries to the GRC. The RP implementing agency will act as an in-built grievance redress body. The DPs, who would not be satisfied with the decision of the GRC, will have the right to take the grievance to the BSRDC Head Office for its redress. Failing the redressal of grievance at BSRDC, the DPs may take the case to Judiciary. Taking grievances to Judiciary will be avoided as far possible and the RP implementing agency will make utmost efforts at reconciliation at the level of GRC. All grievances received (written or oral) and their redress will be recorded and documented properly. The EA will ensure that, such records will be made available to the external monitor or ADB review mission on request. All the GRC related expenses will be borne by the project.

151. People who are, or may in the future be, adversely affected by the project may submit complaints to ADB's Accountability Mechanism. The Accountability Mechanism provides an independent forum and process whereby people adversely affected by ADB-assisted projects can voice, and seek a resolution of their problems, as well as report alleged violations of ADB's operational policies and procedures. Before submitting a complaint to the Accountability Mechanism, affected people should make a good faith effort to solve their problems by working with the concerned ADB operations department. Only after doing that, and if they are still dissatisfied, should they approach the Accountability Mechanism.<sup>25</sup>

---

<sup>25</sup>

For further information see: <http://www.adb.org/Accountability-Mechanism/default.asp>.

## 11.

**INSTITUTIONAL ARRANGEMENT****A. Institutional Requirement**

152. For implementation of RP there will be a set of institutions involve at various levels and stages of the project. For successful implementation of the RP the proposed institutional arrangement with their role and responsibility has been outlined in this section. The primary institutions, who will be involved in this implementation process, are the following:

- Bihar State Road Development Corporation (BSRDC), Government of Bihar
- Project Implementation Unit (PIU)
- RP Implementing Agency
- Village Level Committee (VLC)
- District Grievance Redress Committee (GRC)
- Construction Supervision Consultant (CSC)/Authority Engineer (AE)

**B. Executing Agency**

153. The Executing Agency (EA) for the Project is BSRDC, Government of Bihar. The EA, headed by MD will have overall responsibility for implementation of loan and will also be responsible for the overall coordination among ADB, Government of Bihar. BSRDC has already set up a Project Implementation Unit (PIU) for implementation for the project which will be functional for the whole Project duration.

**C. Resettlement Management at PIU**

154. For resettlement activities, PIU will do the overall coordination, planning, implementation, and financing and monitoring. The PIU is headed by Deputy General Manager (DGM) and assisted by two Managers. Each of the Managers will be responsible for looking after the Land Acquisition and R&R activities of respective sections i.e. North and South sections. The PIU will hire an RP implementing agency for supporting implementation of resettlement activities in the project. The PIU will maintain all databases, work closely with DPs and other stakeholders and monitor the day today resettlement activities. Some of the specific functions of the PIU with regards to resettlement management will include:

- Overall responsibility of implementation and monitoring of R&R activities in the Project;
- Ensure availability of budget for R&R activities;
- Liaison lined agencies support for land acquisition and implementation of RP;
- Selection and appointment of the RP implementing agency.
- Coordinating with line Departments, PIU, RP implementing agency and CSC/AE.
- Monitor physical and financial progress on land acquisition and R&R activities;
- Participate in regular meetings in GRC; and
- Organize monthly meetings with the RP implementing agency to review the progress on R&R



## D. RP implementing agency

155. Involuntary resettlement is a sensitive issue and strong experience in R&R matters along with community related skills will be required by the PIU in order to build a good rapport with the affected community and facilitate satisfactory R&R of the DPs. To overcome this deficiency, experienced and well-qualified RP implementing agency in this field will be engaged to assist the PIU in the implementation of the RP. The RP implementing agency would play the role of a facilitator and will work as a link between the PIU and the affected community. RP implementing agency will assist DPs in income restoration by preparing micro plan and guiding to access into various ongoing government development schemes and agencies providing financial assistance and loan. Taking into account the significant role of the RP implementing agency in RP implementation, it is extremely important to select the agency that are capable, genuine and committed to the tasks assigned in order to ensure the success of the Plan. The Terms of Reference for the RP implementing agency is appended as **Appendix:6**.

156. The roles and responsibilities of various agencies to be involved in resettlement planning process and implementation of resettlement activities are summarized in **Table43**.

**Table 43 : Agencies Responsible for Resettlement Implementation**

Key Agency	Responsibility
EA (BSRDC)	<ul style="list-style-type: none"> <li>• Make final decision on roads to be included under the project</li> <li>• Overall responsibility for project design, feasibility, construction and operation and guide PIU</li> <li>• Ensure that sufficient funds are available to properly implement all agreed social safeguards measures</li> <li>• Ensure that all project comply with the provisions of ADB's SPS 2009 and GoI's policies and regulations</li> <li>• Submit semi-annual safeguard monitoring reports to ADB</li> </ul>
Project Implementation Unit (PIU)	<p>(a) District Level</p> <ul style="list-style-type: none"> <li>• Disseminate project information to the project affected community with assistance from DPR Consultants</li> <li>• Ensure establishment of Grievance Redress Committee at the district level for grievance redress with assistance from DPR Consultants</li> </ul> <p>(b) Field Level</p> <ul style="list-style-type: none"> <li>• Disclosure of project information in public spaces and through relevant media.</li> <li>• Disseminate project information to the community in coordination with DPR Consultants</li> <li>• Facilitate the socioeconomic survey and census</li> <li>• Facilitate consultation by the civil works contractor with community throughout implementation</li> <li>• Oversee land acquisition and coordinate with Deputy Commissioner</li> <li>• Supervise the mitigation measures during implementation and its progress</li> <li>• Conduct internal monitoring and prepare reports</li> </ul>
Detailed Project Report (DPR) Consultants	<ul style="list-style-type: none"> <li>• Undertake consultations involving community and DPs</li> <li>• Prepare due diligence report if no land acquisition</li> <li>• Encourage community/ DPs to voluntarily participate during the implementation</li> </ul>
RP Implementing Agency	<ul style="list-style-type: none"> <li>• Assist in the implementation of the RP if involuntary resettlement is identified.</li> </ul>
Construction Supervision Consultant (CSC)/	<ul style="list-style-type: none"> <li>• Provide technical support and advise to the IAs in the implementation of the RP specifically for addressing complaints and grievances and participate in resolving issues as a member of the GRC</li> </ul>

Key Agency	Responsibility
Authority Engineer (AE)	<ul style="list-style-type: none"> <li>Monitor and assist the RP implementing agency by providing Technical Support and advice during implementation of RP.</li> <li>Provide technical advice and on the job training to the contractors as necessary</li> <li>Preparation of semi-annual monitoring reports based on the monitoring checklists and submission to RDA for further submission to ADB</li> <li>Act as External Monitor for project with significant impact</li> </ul>
Contractor	<ul style="list-style-type: none"> <li>Consult community and PIU regarding location of construction camps</li> <li>Sign agreement with titleholder for temporary use of land and restore the land to equal or better condition upon completion</li> <li>Commence construction only when alignment is free of encumbrance</li> <li>Respond in a timely fashion to recommendations from GRCs</li> </ul>
District level officials	<ul style="list-style-type: none"> <li>Provide any existing socioeconomic information, maps and other related information to DPR Consultant prior to the field data/information collection activities.</li> <li>Act as the local focal point of information dissemination</li> <li>Execute land acquisition process</li> </ul>
Community Based Organizations	<ul style="list-style-type: none"> <li>Ensure the community participation at various stages of the project</li> <li>Coordination with stakeholder organizations</li> <li>Assist in Monitoring of the project</li> <li>Providing indigenous knowledge as required</li> </ul>
Village Level Committee	<ul style="list-style-type: none"> <li>Provide correct and accurate data and information from project formulation stage</li> <li>Assist the project team to implement the project smoothly</li> <li>Arrange proper community participation</li> </ul>
ADB	<ul style="list-style-type: none"> <li>Review due diligence report/RP and endorse or modify the project classification</li> <li>Review planning documents and disclose the draft and final reports on the ADB's website as required</li> <li>Monitor implementation through review missions</li> <li>Provide assistance to the EA and IA of project, if required, in carrying out its responsibilities and for building capacity for safeguard compliance</li> <li>Monitor overall compliance of the project to ADB SPS</li> </ul>

#### E. Capacity Building on RP in the EA

157. The BSRDC has already established a PIU headed by a DGM dealing with the land acquisition and resettlement for other projects. These officers have been working closely with the consultant team for the preparation of RP. The designated officials from BSRDC were also actively participated during the preparation of LA Plan and census survey. Capacity building training was also initiated through a series of consultations and informal orientation sessions in the local administration level especially in the local revenue offices. The concerned district collector was also informed about the project and the local revenue officials were consulted for collection of relevant land data and land holders' details. During the preparation of RP and especially, during the land acquisition and resettlement survey, concerned officials were informed about their role during the implementation of RP particularly during the disbursement of compensation, assistance and relocation etc.

158. To allow an effective execution of all RP related tasks some expansion of the capacity on RP currently available at EA/PIU may be needed. As soon as the project will become effective BSRDC will carry out a capacity need assessment and will define the capacity building activities and if needed the additional experts required. All concerned staff at PIU level involved in land acquisition and resettlement activities will undergo an orientation and training in ADB resettlement policy and management. The

ADB's PPTA consultant's resettlement specialist will organize a training workshop and provide training to the PIU staff. Broadly, the training will cover various topics such as (i) Principles and procedures of land acquisition; (ii) Public consultation and participation; (iii) Entitlements and compensation & assistance disbursement mechanisms; Grievance redress; and (iv) Monitoring of resettlement operations. These will be covered through a formal workshop by the consultant under the ongoing technical assistance program. The specific components under the training will cover the following:

- Understanding of the ADB Policy Guidelines and requirements and differences between country policy and laws
- Understanding of the policy and procedure adopted for the Project
- Understanding of the Implementation Schedule activities step-by-step
- Understanding of the Monitoring and reporting mechanism
- Understanding of the economic rehabilitation measures

## 12.

**IMPLEMENTATION SCHEDULE****A. Introduction**

159. Implementation of RP mainly consists of compensation to be paid for affected structures and rehabilitation and resettlement activities. The time for implementation of resettlement plan will be scheduled as per the overall project implementation. All activities related to the land acquisition and resettlement must be planned to ensure that compensation is paid prior to displacement and commencement of civil works. The EAs and PIUs will ensure that no physical or economic displacement of displaced households will occur until: (i) compensation at full replacement cost has been paid to each displaced person for project components or sections that are ready to be constructed; (ii) other entitlements listed in the resettlement plan are provided to the displaced persons; and (iii) a comprehensive income and livelihood rehabilitation program, supported by adequate budget, is in place to help displaced persons, improve, or at least restore, their incomes and livelihoods. Furthermore, all RPs will be revised during detailed design, and the updated RPs will be approved by government and ADB and disclosed prior to implementation. Public consultation, monitoring and grievance redress will be undertaken intermittently throughout the project duration. However, the schedule is subject to modification depending on the progress of the project activities. The civil works contract for each project will only be awarded after all compensation and relocation has been completed for project and rehabilitation measures are in place.

**B. Schedule for Project Implementation**

160. The proposed project R&R activities are divided in to three broad categories based on the stages of work and process of implementation. The details of activities involved in these three phases like Project Preparation phase, RP Implementation phase, Monitoring and Reporting period are discussed in the following paragraphs.

**C. Project Preparation Phase**

161. The major activities to be performed in this period include establishment of PIU at project level; submission of RP for ADB approval; appointment of RP implementation agency and establishment of GRC etc. The information campaign and community consultation will be a process initiated from this stage and will go on till the end of the project.

**D. RP Implementation Phase**

162. After the project preparation phase the next stage is implementation of RP which includes issues like compensation of award by EA; payment of all eligible assistance; relocation of DPs; initiation of economic rehabilitation measures; site preparation for delivering the site to contractors for construction and finally starting civil work.

**E. Monitoring and Reporting Period**

163. As mentioned earlier the monitoring will be the responsibility of PIU and RP implementing agency and will start early during the project when implementation of RP starts and will continue till the completion of the project. Keeping in view the significant involuntary resettlement impacts, an external monitoring and reporting expert will be hired for the project.



13.

**MONITORING AND REPORTING****A. Need for Monitoring and Reporting**

165. Monitoring and reporting are critical activities in involuntary resettlement management in order to ameliorate problems faced by the DPs and develop solutions immediately. Monitoring is a periodic assessment of planned activities providing midway inputs. It facilitates change and gives necessary feedback of activities and the directions on which they are going. In other words, monitoring apparatus is crucial mechanism for measuring project performance and fulfilment of the project objectives.

**B. Monitoring in the Project**

166. RP implementation for the project by the RP implementing agency will be closely monitored by the EA. Keeping in view the significance of resettlement impacts of the project and being categorised overall as 'A', the monitoring mechanism for this project will have both internal monitoring by PIU and external monitoring by an external expert.

**C. Monitoring by PIU**

167. One of the main roles of PIU will be to see proper and timely implementation of all activities in RP. Monitoring will be a regular activity for PIU and Resettlement Officer at this level will see the timely implementation of R&R activities. Monitoring will be carried out by the PIU and RP implementing agency and will prepare monthly reports on the progress of RP Implementation. PIU will collect information from the project site and assimilate in the form of monthly report to assess the progress and results of RP implementation and adjust work program where necessary, in case of delays or any implementation problems as identified. This monitoring will form parts of regular activity and reporting on this will be extremely important in order to undertake mid-way corrective steps. The monitoring by PIU will include:

- (i) **administrative monitoring:** daily planning, implementation, feedback and troubleshooting, individual DP database maintenance, and progress reports;
- (ii) **socio-economic monitoring:** case studies, using baseline information for comparing DP socio-economic conditions, evacuation, demolition, salvaging materials, morbidity and mortality, community relationships, dates for consultations, and number of appeals placed; and
- (iii) **impact monitoring:** Income standards restored/improved, and socioeconomic conditions of the displaced persons. Monitoring reports documenting progress on resettlement implementation and RP completion reports will be provided by the PIU for review and approval from ADB.

**D. External Monitoring**

168. The monitoring of RP will be undertaken by external monitor hired by the EA. However, as experienced in some of the previous projects the Social Development Monitoring Expert of the CSC/Authority Engineer can also be engaged and in that case the cost mentioned in the R&R budget will be adjusted accordingly. The main objective of this monitoring is to supervise overall monitoring of the project and submit a biannual report to determine whether resettlement goals have been achieved, more importantly whether livelihoods and living standards have been restored/ enhanced and suggest suitable recommendations for improvement. The external monitoring consultant will be mobilized within three

months of loan approval and the monitoring will be carried out intermittently during the RP implementation. The external monitor will assess resettlement outcomes, their impacts on the standards of living of displaced persons, and whether the objectives of the resettlement plan have been achieved by taking into account the baseline conditions and the results of resettlement monitoring. The EM will undertake a post-resettlement evaluation of the effectiveness of RP implementation with comparison to baseline information.

169. The ToR for External monitoring is attached as **Appendix: 6**. The key tasks during external monitoring will include:

- Review and verify the monitoring reports prepared by PIU;
- Review of socio-economic baseline census information of pre-displaced persons and conduct (if necessary) baseline survey;
- Identification and selection of impact indicators;
- Impact assessment through formal and informal surveys with the displaced persons;
- Consultation with DPs, officials, community leaders for preparing review report;
- Assess the resettlement efficiency, effectiveness, impact and sustainability, drawing lessons for future resettlement policy formulation and planning.

170. The following should be considered as the basis for indicators in monitoring of the project:

- socio-economic conditions of the DPs in the post-resettlement period;
- communication and reactions from DPs on entitlements, compensation, options, alternative developments and relocation timetables etc;
- changes in housing and income levels;
- rehabilitation of informal settlers;
- valuation of property;
- grievance procedures;
- disbursement of compensation; and
- level of satisfaction of DPs in the post resettlement period.

## **E. Stages of Monitoring**

171. Considering the importance of the various stage of project cycle, the EA will handle the monitoring at each stage as stated below:

## **F. Preparatory Stage**

172. During the pre-relocation phase of resettlement operation, monitoring is concerned with administrative issues such as, establishment of resettlement unit, budget, land acquisition, consultation with DPs in the preparation of resettlement plan, payments of entitlement due, grievance redresses and so on. The key issue for monitoring will be:

- Conduct baseline survey
- Consultations
- Identification of DP and the numbers
- Identification of different categories of DPs and their entitlements
- Collection of gender disaggregated data
- Inventory and losses survey

- Asset inventory
- Entitlements
- Valuation of different assets
- Budgeting
- Information dissemination
- Institutional arrangements
- Implementation schedule review, budgets and line items expenditure

### **G. Relocation Stage**

173. Monitoring during the relocation phase covers such issues as site selection in consultation with DPs, development of relocation sites, assistance to DPs (especially to vulnerable groups) in physically moving to the new site. Likewise, aspects such as adjustment of DPs in the new surroundings, attitude of the host population towards the new comers and development of community life are also considered at this stage. The key issue for monitoring will be:

- Payment of compensation
- Delivery of entitlement
- Grievance handling
- Preparation of resettlement site, including civic amenities (water, sanitation, drainage, paved streets, electricity)
- Consultations
- Relocation
- Payment of compensation
- Livelihood restoration assistance and measures

### **H. Rehabilitation Stage**

174. Once DPs have settled down at the new sites, the focus of monitoring will shift to issues of economic recovery programs including income restoration measures, acceptance of these schemes by DPs, impact of income restoration measures on living standards, and the sustainability of the new livelihood patterns. The key issue for monitoring will be:

- Initiation of income generation activities
- Provision of basic civic amenities and essential facilities in the relocated area
- Consultations
- Assistance to enhance livelihood and quality of life

### **I. Monitoring Indicators**

175. The most crucial components/indicators to be monitored are specific contents of the activities and entitlement matrix. The RP contains indicators and benchmarks for achievement of the objectives under the resettlement program. These indicators and benchmarks are of three kinds:

- Process indicators including project inputs, expenditures, staff deployment, etc.
- Output indicators indicating results in terms of numbers of affected people compensated and resettled, training held, credit disbursed, etc and
- Impact indicators related to the longer-term effect of the project on people's lives.



176. Some of the indicative monitoring indicators are as following and a sample land acquisition planning and monitoring form is presented in the **Annexure: 6**.

**1. Delivery of Entitlements**

- Entitlements disbursed, compared with number and category of losses set out in the entitlement matrix.
- Disbursements against timelines.
- Identification of the displaced persons losing land temporarily, e.g. through soil disposal, borrow pits, contractors' camps, been included.
- Timely disbursements of the agreed transport costs, relocation costs, income substitution support, and any resettlement allowances, according to schedule.
- Provision of replacement land plots.
- Quality of new plots and issue of land titles.
- Construction of relevant community infrastructure.
- Restoration of social infrastructure and services.
- Progress on income and livelihood restoration activities being implemented as set out in the income restoration plan, for example, utilizing replacement land, commencement of production, the number of the displaced persons trained in employment with jobs, microcredit disbursed, number of income-generating activities assisted.
- Affected businesses receiving entitlements, including transfer and payments for net losses resulting from lost business.

**2. Consultation and Grievances**

- Consultations organized as scheduled including meetings, groups, and community activities.
- Knowledge of entitlements by the displaced persons.
- Use of the grievance redress mechanism by the displaced persons.
- Information on the resolution of the grievances.
- Information on the implementation of the social preparation phase.
- Implementation of special measures for indigenous Peoples.

**3. Communications and Participation**

- Number of general meetings (for both men and women).
- Percentage of women out of total participants.
- Number of meetings exclusively with women.
- Number of meetings exclusively with vulnerable groups.
- Number of meetings at new sites.
- Number of meetings between hosts and the displaced persons.
- Level of participation in meetings (of women, men, and vulnerable groups).
- Level of information communicated—adequate or inadequate.
- Information disclosure.
- Translation of information disclosure in the local languages.

**4. Budget and Time Frame**

- Land acquisition and resettlement staff appointed and mobilized on schedule for the field and office work.
- Capacity building and training activities completed on schedule.
- Achieving resettlement implementation activities against the agreed implementation plan.
- Funds allocation for resettlement-to-resettlement agencies on time.

- Receipt of scheduled funds by resettlement offices.
- Funds disbursement according to the resettlement plan.
- Social preparation phase as per schedule.
- Land acquisition and occupation in time for implementation.

#### **5. Livelihood and Income Restoration**

- Number of displaced persons under the rehabilitation programs (women, men, and vulnerable groups).
- Number of displaced persons who received vocational training (women, men, and vulnerable groups).
- Types of training and number of participants in each.
- Number and percentage of displaced persons covered under livelihood programs (women, men, and vulnerable groups).
- Number of displaced persons who have restored their income and livelihood patterns (women, men, and vulnerable groups).
- Number of new employment activities.
- Extent of participation in rehabilitation programs.
- Extent of participation in vocational training programs.
- Degree of satisfaction with support received for livelihood programs.
- Percentage of successful enterprises breaking even (women, men, and vulnerable groups).
- Percentage of displaced persons who improved their income (women, men, and vulnerable groups)
- Percentage of displaced persons who improved their standard of living (women, men, and vulnerable groups)
- Number of displaced persons with replacement agriculture land (women, men, and vulnerable groups)
- Quantity of land owned/contracted by displaced persons (women, men and vulnerable groups)
- Number of households with agricultural equipment
- Number of households with livestock

#### **6. Benefit Monitoring**

- Noticeable changes in patterns of occupation, production, and resource use compared to the pre-project situation.
- Noticeable changes in income and expenditure patterns compared to the pre-project situation.
- Changes in cost of living compared to the pre-project situation.
- Changes in key social and cultural parameters relating to living standards.
- Changes occurred for vulnerable groups.
- Benefiting from the project by the displaced persons.

### **J. Reporting Requirements**

177. The PIU, responsible for supervision and implementation of the RP will prepare monthly progress reports on resettlement activities and submit semi-annual reports to ADB.

178. The external monitoring expert responsible for monitoring of the RP implementation will submit a semi-annual review report to PIU to determine whether resettlement goals have been achieved, more

importantly whether livelihoods and living standards have been restored/ enhanced and suggest suitable recommendations for improvement.

179. All the resettlement monitoring reports will be disclosed to DPs as per procedure followed for disclosure of resettlement documents by the EA. The monitoring reports will also be disclosed on ADB Website.

Not to be used as a Bid Document, Only for Reference

## APPENDIX 1: CENSUS SURVEY QUESTIONNAIRE

**Bihar State Highways Project -3 (Phase-2)**

**Census Questionnaire for PAPs**

**1. General**

A. Road Name: ..... B. Questionnaire No: .....

C. Name of the Village: ..... D. Name of Block: .....

E. Name of District: ..... F. Thana No: .....

G. Plot No: ..... H. Km/Chainage: .....

**2. Ownership of Affected Land**

**1. Ownership of the Land**

1. Private 2. Government 3. Religious 4. Community 5. Others: ..... ☐

**2. Type of Land**

1. Irrigated 2. Non-Irrigated 3. Barren 4. Forest 5. Residential

6. Commercial 7. Pond 8. Others: ..... ☐

**3. Use of Land**

1. Cultivation 2. Orchard 3. Residential 4. Commercial 5. Forestation

6. No Use/ Barren 7. Other: ..... ☐

4. Affected area of the Land/Plot (in Acre): .....

5. Total Area of the affected Land/Plot (in Acre): .....

6. Total Land Holding of the Affected Person (in Acre)

1. Irrigated: ..... 2. Non-Irrigated: .....

3. Other: ..... 4. Total: .....

**7. Status of Ownership**

1. Titleholder 2. Customary Right 3. License from Local Authority

4. Encroacher 5. Squatter 6. Other (specify): ..... ☐

**8. Type of Private Ownership**

1. Individual/Single 2. Joint/Shareholders 3. Other (specify): ..... ☐

9. Name of the Owner/Occupier (s) .....

10. Father's Name: .....

**11. Rate of the Land (Per Acre)**

1. Market Rate: ..... 2. Revenue Rate: .....

**12. Any of the following people associated with the Land**

A. Agricultural Laborer 1. Yes 2. No

Name (i) ..... (ii) ..... ☐

B. Tenant/Lessee 1. Yes 2. No

Name (i) ..... (ii) ..... ☐

C. Sharecropper 1. Yes 2. No

Name (i) ..... (ii) ..... ☐

(Use supplementary sheet for any additional DPs under Question-12)

### 3. Details of Affected Non-land Assets

13. Any structure in the Affected Land 1. Yes..... 2. No..... ☐
14. Distance of the main structure from centerline of the road (in mtr.).....
15. Distance of boundary wall (if any) from centerline of the road (in mtr.).....
16. Area of the affected structure (in Square Meter)  
a) Length ..... b) Width ..... c) Height .....
17. Area of the boundary wall only (in Meter): a) Length ..... b) Height .....
18. Area of the total structure (in Square Meter)  
a) Length ..... b) Width ..... c) Height .....
19. Scale of Impact on structure  
(a) Up to 25% (b) > 25% and < 50% (c) > 50% and < 75% (d) > 75% ☐
20. Type of Construction of the Structure  
1. Temporary (buildings with mud/brick/wood made walls, thatched/tin roof)  
2. Semi-Permanent (buildings, with tiled roof and normal cement floor)  
3. Permanent (with RCC, Single/ Double storey building) ☐
21. Type of Construction of the Boundary Wall (use code from Question: 20) ☐
22. Age of the Structure (in years):.....
23. Market Value of the Structure (in Rs.):.....
24. Use of the Structure (select appropriate code from below) ☐
- A. Residential Category  
1. House 2. Hut 3. Other (specify):.....
- B. Commercial Category  
4. Shops 5. Hotel 6. Small Eatery 7. Kiosk 8. Farm House  
9. Petrol Pump 10. Clinic 11. STD Booth 12. Workshop 13. Vendors  
14. Com. Complex 15. Industry 16. Pvt. Office 17. Other.....
- C. Mixed Category  
18. Residential-cum-Commercial Structure
- D. Community Type  
19. Community Center 20. Club 21. Trust 22. Memorials 23. Other.....
- E. Religious Structure  
24. Temple 25. Church 26. Mosque 27. Gurudwara 28. Shrines  
29. Sacred Grove 30. Other.....
- F. Government Structure  
31. Government Office 32. Hospital 33. School 34. College  
35. Bus Stop 36. Other.....
- G. Other Structure  
37. Boundary Wall 38. Foundation 39. Cattle Shed 40. Other.....
25. Type of Business/Profession by Head of Household: .....
26. Status of the Structure  
1. Legal Title holder 2. Customary Right 3. License from Local Authority ☐  
4. Encroacher 5. Squatter 6. Other:.....
27. Any of the following people associated with the Structure? ☐
- Tenant in the structure 1. Yes 2. No
- Name (i)..... (ii).....  
(iii)..... (iv).....

B. Employee/ wage earner in commercial structure 1. Yes 2. No ☐

Name (i) ..... (ii) .....  
(iii) ..... (iv) .....

C. Employee/ wage earner in residential structure 1. Yes 2. No ☐

Name (i) ..... (ii) .....

(Use supplementary sheet for any of the DPs under Question-27)

28. Number of trees within the affected area  
1. Fruit Bearing ..... 2. Non-fruit Bearing ..... 3. Total .....

**4. Details of Affected Household**

29. Social Category of AP  
1. SC 2. ST 3. OBC 4. General 5. Others ..... ☐

30. Religious Category  
1. Hindu 2. Muslim 3. Christian 4. Buddhist 5. Jain 6. Other ..... ☐

31. Number of family members Male ..... Female ..... Total .....

32. Number of family members with following criteria  
1. Unmarried Son/brother > 18 years ..... 2. Unmarried Daughter/Sister > 18 years .....  
3. Divorcee/Widow ..... 4. Minor Orphan ..... ☐

33. Vulnerability Status of the Household:  
1. Woman headed household 2. Headed by elderly / physically disabled person? ..... ☐  
3. Below Poverty Line (BPL) 4. Other: .....

34. Annual income of the family Rs. ....

35. If displaced, do you have additional land to shift? 1. Yes 2. No ☐

36. Resettlement/ Relocation Option  
1. Self Relocation 2. Project Assisted Relocation ☐

37. Compensation Option for Land loser  
1. Land for land loss 2. Cash for Land loss ☐

38. Compensation Options for Structure loser  
1. Structure for structure loss 2. Cash for Structure loss ☐

39. Income Restoration Assistance (fill codes in preferred order)  
1. Employment Opportunities in Construction work  
2. Assistance/ Loan from other ongoing development scheme  
3. Vocational Training 4. Others (specify .....)  
☐

40. Total number of women above 18 years of age in the family. ☐

41. Are women in the family included in financial decision-making 1. Yes 2. No ☐

42. Are women in the family included in social decision-making 1. Yes 2. No ☐

43. Do women exclusively own any of the following assets?

S.N.	Assets	(1. Yes 2. No)
1	Land (Homestead or Farm Land)	
2	House	
3	Four Wheeler (Car/tractor etc.)	
4	Two Wheeler (Scooter/ Cycle etc.)	
5	Cell Phone	
6	Personal Computer	
7	Any Other .....	

44. Are the women in the family have a separate bank account? 1. Yes 2. No

45. Any women of your family are the member in SHGs? 1. Yes 2. No

46. If yes, will the relocation affect their work? 1. Yes 2. No

If yes in Question 47, Please explain.....

47. Do any women members in your family have received any benefit from Government Schemes?

S.N.	Type of Benefit	Name of Scheme	(1. Yes 2. No)
1	Loan		
2	House		
3	Employment		
4	Training		
5	Any Other		

48. Details of Family Members: (fill appropriate code)

Sl. No	Name of the Family Member	Age	Sex	Marital Status	Education	Occupation
		in years	1. Male 2. Female 3. Other	1. Married 2. Unmarried 3. Widow 4. Widower 5. Others	1. Illiterate 2. Literate 3. Up to middle 4. Below metric 5. Metric 6. Graduate 7. Above Grad	1. Service 2. Business 3. Agriculture 4. Study 5. Retired 6. Labour 7. Unemployed
	Note: Please add a separate sheet if required.				8. Below 6 years 9. Below 6 years 10. Old/inactive	8. Professional 9. Below 6 years 10. Old/inactive
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

### Supplementary Sheet1 for Occupiers/Tenant

1. Census Questionnaire/Survey No:.....
2. Name of the Owner:.....
3. Name of the Occupier:.....
4. Father's Name of Occupier:.....
5. Status of Occupier ☐
- A. Agricultural Laborer B. Agricultural Tenant/Lessee C. Sharecropper
- D. Tenant in structure E. Employee/ wage earner in Residential/Commercial Structure
6. Social Category of AP
1. SC 2. ST 3. OBC 4. General 5. Others (specify).....
7. Religious Category ☐
1. Hindu 2. Muslim 3. Christian 4. Buddhist
5. Jain 6. Other (specify)..... ☐
8. Number of family members Male..... Female..... Total..... ☐
9. Vulnerability Status of the Household:
- A. Is it a woman headed household? 1. Yes 2. No ☐
- B. Is it headed by physically/mentally challenged person? 1. Yes 2. No ☐
- C. Is it a household Below Poverty Line (BPL) 1. Yes 2. No ☐
10. Annual income of the family Rs. ....
11. Income Restoration Assistance (fill codes in preferred order)
1. Employment Opportunities in Construction work ☐
2. Assistance/ Loan from other ongoing development scheme ☐
3. Vocational Training 4. Others (specify .....)

#### 12. Details of Family Members: (fill appropriate code)

S. N.	Name of the Family Member	Age In Years	Sex 1. Male 2. Female 3. Other	Marital Status 1. Married 2. Unmarried 3. Widow 4. Divorced 5. Others	Education 1. Illiterate 2. Literate 3. Up to middle 4. Below metric 5. Metric 6. Graduate 7. Above Grad. 8. Below 6 year	Occupation 1. Service 2. Business 3. Agriculture 4. Study 5. Housewife 6. Labour 7. Unemployed 8. Professional 9. Below 6 years 10. Old/ inactive 11. Others
1						
2						
3						
4						
5						
6						
7						

\* Add more sheets as applicable



## APPENDIX 2: LIST OF DISPLACED PERSONS (TITLEHOLDERS)

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1	Dalan (Sirsa)	0+000-0+100	0.4021	Significant	Amresh Prasad Sah					
2	Dalan (Sirsa)	0+300-0+400	0.2183	Significant	Rakesh Roshan					
3	Dalan (Sirsa)	0+400-0+500	0.1589	Non-Signi	Vina Devi (Rakesh Kumar)					WHH
4	Dalan (Sirsa)	0+400-0+500	0.0191	Non-Signi	Lal Babu Singh	36 BW	75-100	Semi Perma	Boundry Wall	
5	Dalan (Sirsa)	0+400-0+500	0.0101	Non-Signi	Shanti Devi	20 BW	75-100	Semi Perma	Boundry Wall	SC
6	Dalan (Sirsa)	0+400-0+500	0.0471	Non-Signi	Soni Kumari	20 BW	75-100	Semi Perma	Boundry Wall	
7	Dalan (Sirsa)	0+500-0+600	0.2266	Significant	Suresh Prasad Sah					BPL
8	Dalan (Sirsa)	0+700-0+800	0.0627	Non-Signi	Alochna Devi	40 BW	75-100	Semi Perma	Boundry Wall	
9	Dalan (Sirsa)	0+700-0+800	0.0627	Non-Signi	Pooja Jaiswal	18.72	25-50	Semi Perma	Under Cons	
10	Dalan (Monga)	0+800-0+900	0.0436	Non-Signi	Md Nazrul Haque					
11	Dalan (Monga)	0+800-0+900	0.0436	Non-Signi	Md Najmul Haque					
12	Dalan (Monga)	0+800-0+900	0.0436	Non-Signi	Jullu Rahman					BPL
13	Dalan (Monga)	0+800-0+900	0.0436	Non-Signi	Md Mustafa					
14	Dalan (Monga)	0+800-0+900	0.0436	Non-Signi	Mozammil Haque					
15	Dalan (Monga)	0+900-1+000	0.0064	Non-Signi	Subhash Yadav	13.68	75-100	Semi Perma	Small Eatery	BPL
16	Dalan (Monga)	0+900-1+000	0.0064	Non-Signi	Ajay Kumar Yadav	11.9	75-100	Semi Perma	Shop	
17	Dalan (Monga)	0+900-1+000	0.0064	Non-Signi	Naresh Yadav	12.25	75-100	Temp	Shop	
18	Dalan (Monga)	0+900-1+000	0.0064	Non-Signi	Vijay Kumar	3.4 BW	75-100	Semi Perma	Boundry Wall	BPL
19	Dalan (Monga)	0+900-1+000	0.0156	Non-Signi	Patho Manjhi	17.67	75-100	Temp	House	ST
20	Dalan (Monga)	0+900-1+000	0.0156	Non-Signi	Mangru Rai	13.8	75-100	Temp	House	ST
21	Dalan (Monga)	0+900-1+000	0.0156	Non-Signi	Jhariya Uraw	3.04	75-100	Temp	House	ST
22	Dalan (Monga)	0+900-1+000	0.0156	Non-Signi	Vajo Devi	18.6	75-100	Temp	House	ST
23	Dalan (Monga)	0+900-1+000	0.0727	Significant	Md Ainul	11.76	75-100	Temp	Bathroom	BPL
24	Dalan (Monga)	0+900-1+000	0.0241	Significant	Md Jahan	23.4	75-100	Permanent	House	BPL
25	Dalan (Monga)	0+900-1+000	0.0241	Significant	Md Jainul Khan	12.6	75-100	Temp	House	BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
26	Dalan (Monga)	0+900-1+000	0.0137	Significant	Sarail Khan					BPL
27	Dalan (Monga)	1+100-1+200	0.2365	Significant	Shadab Ahsan Khan					
28	Dalan (Monga)	1+100-1+200	0.1272	Significant	Nazni Parween					WHH
29	Dalan (Monga)	1+100-1+200	0.1272	Non-Signi	Farog Ahmad Khan	11.48	75-100	Permanent	Shop	BPL
30	Dalan (Monga)	1+200-1+300	0.1272	Significant	Bibi Zahida Khanam	67.2 +44.6 BW	75-100	Semi Perma	Industry	
31	Dalan (Monga)	1+200-1+300	0.1654	Non-Signi	Mahe Talat Parween (Manzar)	2.85	75-100	Temp	Kiosk	
32	Dalan (Monga)	1+200-1+300	0.5038	Non-Signi	Md Khatibur Rahman Khan					
33	Dalan (Monga)	1+300-1+400	0.0373	Significant	Sadiya Parvin (Irfam Alam)					BPL
34	Dalan (Monga)	1+500-1+600	0.0979	Significant	Chandana Jha	41.6	75-100	Semi Perma	Shed	
35	Dalan (Monga)	1+600-1+700	0.1414	Non-Signi	Priyanka Kumari					
36	Dalan (Monga)	1+800-1+900	0.0207	Significant	Not Found	31.8 BW	75-100	Permanent	Boundry Wall	
37	Dalan (Monga)	1+900-2+000	0.0207	Significant	Not Found	22.8 BW	75-100	Semi Perma	Boundry Wall	
38	Dalan (Monga)	1+900-2+000	0.0207	Significant	Not Found	17.8BW	75-100	Semi Perma	Boundry Wall	
39	Dalan (Monga)	1+800-1+900	0.1363	Non-Signi	Md Jamaluddin					
40	Dalan (Monga)	1+800-1+900	0.0228	Non-Signi	Jainul Abdin					BPL
41	Dalan (Monga)	2+100-2+200	0.016	Non-Signi	Ashok Mahto	10.15	75-100	Semi Perma	House	
42	Dalan (Monga)	2+200-2+300	0.0045	Non-Signi	Shaikh Murtaza	26.1	50-75	Temp	House	BPL
43	Dalan (Monga)	2+200-2+300	0.0141	Non-Signi	Ram Das					SC
44	Dalan (Monga)	2+200-2+300	0.0141	Non-Signi	Mannu Ram	9.92	75-100	Temp	D	SC
45	Dalan (Monga)	2+300-2+400	0.1076	Non-Signi	Shafiqua Khanam					BPL
46	Dalan (Monga)	2+300-2+400	0.0632	Significant	Shagufta Ahsan Khanam					
47	Dalan (Chadrama Chowk)	2+500-2+600	0.0027	Non-Signi	Jakir Hussain	39.3	75-100	Temp	Shop	
48	Dalan (Chadrama Chowk)	2+500-2+600	0.0027	Non-Signi	Ahmad Ali	10.66	25-50	Temp	Workshop	
49	Dalan (Chadrama Chowk)	2+500-2+600	0.0027	Non-Signi	Md Sakir Hussain	17.86	25-50	Semi Perma	Godown	BPL
50	Dalan (Chadrama Chowk)	2+500-2+600	0.0027	Non-Signi	Md Inamul Haque	9.1	75-100	Temp	House	
51	Dalan (Chadrama Chowk)	2+500-2+600	0.0768	Significant	Haji Maqbal Hussain	15.41	75-100	Temp	Shed	
52	Dalan (Chadrama Chowk)	2+500-2+600	0.5223	Significant	Rani Prasad (Animesh Kumar)					
53	Dalan (Chadrama Chowk)	2+700-2+800	0.076	Non-Signi	Shanti Devi (Manoj Kumar)	14.82+5.2BW	0-25	Semi Perma	House	

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
54	Dalan (Chadrama Chowk)	2+700-2+800	0.076	Non-Signi	Netwa Devi	9.6BW	75-100	Semi Perma	Boundry Wall	
55	Dalan (Chadrama Chowk)	2+800-2+900	0.3699	Non-Signi	Ashok Kumar	39.15+60BW	75-100	Semi Perma	House	
56	Dalan (Chadrama Chowk)	2+900-3+000	0.0549	Non-Signi	Sunita Devi					
57	Dalan (Chadrama Chowk)	2+900-3+000	0.1588	Non-Signi	Dhananjay Kumar (Petroll Pump)	18BW	75-100	Semi Perma	Boundry Wall	WHH
58	Dalan (Chadrama Chowk)	2+900-3+000	0.1677	Non-Signi	Chamkila Devi	15.4	75-100	Temp	House	
59	Tapka	3+300-3+400	0.7619	Significant	Prakash Kumar Rakesh (Chandan Kumar Chakor)					
60	Tapka	3+300-3+400	0.0089	Non-Signi	Pradip Kumar Yadav					BPL
61	Tapka (Sarvasa)	3+400-3+500	0.1079	Non-Signi	Avinash Kumar					Poor
62	Tapka (Sarvasa)	3+600-3+700	0.0011	Non-Signi	Prakash Kumar Rakesh					
63	Tapka (Sarvasa)	3+600-3+700	0.0037	Non-Signi	Abha Devi					BPL
64	Tapka (Sarvasa)	3+600-3+700	0.0037	Non-Signi	Pinky Devi					
65	Tapka (Sarvasa)	3+600-3+700	0.0037	Non-Signi	Ravi Prakash Singh					BPL
66	Tapka (Sarvasa)	3+700-3+800	0.0386	Non-Signi	Ramesh Kumar Yadav	28.49	75-100	Temp	House	BPL
67	Tapka (Sarvasa)	3+700-3+800	0.02	Non-Signi	Asha Kumari Araya (Sanjay Yadav)					BPL
68	Tapka (Sarvasa)	3+700-3+800	0.02	Non-Signi	Niranjan Thakur (Ramesh Thakur)					SC
69	Tapka (Sarvasa)	3+800-3+900	0.104	Non-Signi	Gita Devi (Rakesh Kumar Akela)					ST
70	Tapka (Sarvasa)	3+800-3+900	0.104	Non-Signi	Dinesh Prasad Yadav	15	75-100	Temp	House	
71	Tapka (Sarvasa)	3+800-3+900	0.3231	Significant	Beena Devi					BPL
72	Tapka (Sarvasa)	3+900-4+000	0.0708	Non-Signi	Upendra Prasad Yadav	51.04	75-100	Temp	House	BPL
73	Tapka (Sarvasa)	3+900-4+000	0.0366	Significant	Ajit Yadav	8.1	75-100	Temp	House	BPL
74	Tapka (Sarvasa)	3+900-4+000	0.0096	Non-Signi	Abha Devi					BPL
75	Tapka (Sarvasa)	3+900-4+000	0.061	Significant	Not Found	10.56	75-100	Temp	House	
76	Tapka (Sarvasa)	4+300-4+400	0.0088	Significant	Bheem Rishi	11.9	50-75	Temp	House	ST
77	Tapka (Sarvasa)	4+300-4+400	0.0088	Significant	Arjun Rishi	3.42	0-25	Permanent	House	ST
78	Tapka (Sarvasa)	4+300-4+400	0.0092	Non-Signi	Ramu Rishi					SC
79	Tapka (Pothiya Ghat)	4+300-4+400	0.0025	Non-Signi	Chhabi Lal Rishi	18	50-75	Temp	House	SC
80	Tapka (Pothiya Ghat)	4+300-4+400	0.0023	Non-Signi	Sunil Rishi	10.73	75-100	Temp	House	SC
81	Tapka (Pothiya Ghat)	4+300-4+400	0.0023	Non-Signi	Jhallu Rishi	5.28	25-50	Temp	House	SC

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
82	Tapka (Pothiya Ghat)	4+300-4+400	0.0032	Non-Signi	Sivaram Rishi					SC
83	Tapka (Pothiya Ghat)	4+300-4+400	0.0031	Non-Signi	Basudev Rishi					SC
84	Tapka (Pothiya Ghat)	4+300-4+400	0.0131	Non-Signi	Kaili Mosmat	13.33	75-100	Semi Perma	House	SC
85	Tapka (Pothiya Ghat)	4+300-4+400	0.0111	Non-Signi	Mithun Rai	2.1	50-75	Semi Perma	Godown	BPL
86	Tapka (Pothiya Ghat)	4+400-4+500	0.0054	Non-Signi	Sita Devi (Renu Devi)					BPL
87	Tapka (Pothiya Ghat)	4+400-4+500	0.0054	Non-Signi	Aayudhi Rai					SC
88	Tapka (Pothiya Ghat)	4+400-4+500	0.0054	Non-Signi	Uran Rai	4.55	75-100	Temp	Shop	SC
89	Tapka (Pothiya Ghat)	4+400-4+500	0.2901	Non-Signi	Prakash Yadav					
90	Tapka (Pothiya Ghat)	4+600-4+700	0.1487	Significant	Pardeep Rai	18.33	75-100	Temp	Hut	SC
91	Tapka (Pothiya Ghat)	4+600-4+700	0.1486	Significant	Sita Devi					BPL
92	Tapka (Pothiya Ghat)	4+800-4+900	0.0313	Non-Signi	Maniya Devi	3	75-100	Temp	Kiosk	BPL
93	Tapka (Pothiya Ghat)	4+800-4+900	0.0653	Non-Signi	Shambhu Nath Singh	39.56+32BW	50-75	Semi Perma	House	WHH
94	Tapka (Pothiya Ghat)	4+900-5+000	0.1138	Non-Signi	Abhishek Kumar Tanti					
95	Tapka (Pothiya Ghat)	4+900-5+000	0.0769	Significant	Niraj Kumar					
96	Tapka (Pothiya Ghat)	4+900-5+000	0.04	Significant	Santosh Kumar Sah					
97	Tapka (Pothiya Ghat)	4+900-5+000	0.0769	Significant	Pragati Kumari					
98	Belwa	5+000-5+100	0.0386	Non-Signi	Naresh Parihar	51.1	75-100	Temp	Small Eatery	BPL
99	Belwa	5+000-5+100	0.0384	Significant	Suresh Parihar					BPL
100	Belwa	5+000-5+100	0.02	Non-Signi	Mantosh Kumar Singh					
101	Belwa	5+100-5+200	0.0332	Non-Signi	Shivanad Prasad					BPL
102	Belwa	5+200-5+300	0.3768	Non-Signi	Arvind Kumar (Aeadh Kumar)	1.35	0-25	Temp	Shop	BPL
103	Belwa	5+300-5+400	0.0648	Non-Signi	Mritunjay Kumar	8.28	25-50	Permanent	Shop	BPL
104	Belwa	5+300-5+400	0.008	Non-Signi	Dhananjay Kumar Ambast	8.7+9.5BW	50-75	Permanent	Shop	
105	Belwa	5+300-5+400	0.008	Non-Signi	Sanjay Kumar Ambast	3.6	0-25	Permanent	Shop	
106	Belwa	5+300-5+400	0.008	Significant	Not Found	27.4BW			Boundry Wall	
107	Belwa	5+300-5+400	0.008	Non-Signi	Reshmi Devi (Bandish Parihar)					BPL
108	Belwa	5+300-5+400	0.008	Non-Signi	Partibha Sinha					BPL
109	Belwa	5+300-5+400	0.008	Non-Signi	Ranjit Singh					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
110	Belwa	5+300-5+400	0.008	Significant	Not Found	25.2BW	75-100	Semi Perma	Boundry Wall	
111	Belwa	5+400-5+500	0.008	Non-Signi	Sawitri Lal	6.93	75-100	Permanent	Shop	
112	Belwa	5+400-5+500	0.1321	Non-Signi	Shardanad Singh	3.5BW	75-100	Semi Perma	Boundry Wall	
113	Belwa	5+400-5+500	0.008	Non-Signi	Dinanath Parihar					BPL
114	Belwa	5+600-5+700	0.0297	Significant	Mangal Mandal (Ashuna Devi)					BPL
115	Belwa	5+600-5+700	0.0241	Non-Signi	Manmohan Mandal					BPL
116	Belwa	5+600-5+700	0.0124	Non-Signi	Radha Prasad Lal	29.89	75-100	Temp	Hut	BPL
117	Belwa	5+600-5+700	0.0229	Non-Signi	Jitendra Mandal					BPL
118	Belwa	5+700-5+800	0.0229	Non-Signi	Vimal Devi					BPL
119	Belwa	5+700-5+800	0.0229	Non-Signi	Vimal Devi					
120	Belwa	5+700-5+800	0.03	Non-Signi	Chand Muni Das	11.6	75-100	Temp	House	
121	Belwa	5+700-5+800	0.0229	Non-Signi	Brajendra Prasad Mandal	11.89	75-100	Temp	House	
122	Belwa	5+700-5+800	0.0229	Non-Signi	Akhilesh Kumar	3.42	0-25	Temp	House	BPL
123	Belwa	5+900-6+000	0.0086	Non-Signi	Turangi Mandal	3	75-100	Temp	Kiosk	BPL
124	Belwa	5+900-6+000	0.0086	Significant	Mangal Mandal (Anju Devi)					BPL
125	Belwa	5+900-6+000	0.0122	Significant	Anil Mandal	10.8	75-100	Temp	Kitchen	BPL
126	Belwa	5+900-6+000	0.0121	Significant	Doman Mandal	11.7	75-100	Temp	Cattleshed	BPL
127	Belwa	5+900-6+000	0.0118	Non-Signi	Raj Kumar Thakur	12.88	75-100	Temp	Shop	BPL
128	Belwa	5+900-6+000	0.0117	Non-Signi	Dhuri Thakur	9.52	75-100	Permanent	Shop	BPL
129	Belwa	5+900-6+000	0.0023	Non-Signi	Prakash Prasad Mandal					
130	Belwa	5+900-6+000	0.0213	Non-Signi	Shivam Mandal	11.1	75-100	Semi Perma	Under Cons	BPL
131	Belwa	6+000-6+100	0.0007	Non-Signi	Hari Shankar Mandal					BPL
132	Belwa	6+000-6+100	0.0356	Non-Signi	Shivnanad Mandal					
133	Belwa	6+000-6+100	0.0009	Non-Signi	Vikas Mandal					BPL
134	Belwa	6+100-6+200	0.0784	Non-Signi	Bhola Shankar Mandal					
135	Belwa	6+100-6+200	0.0784	Non-Signi	Ram Prasad Mandal	60.32+25BW	50-75	Permanent	Resi+Com	BPL
136	Belwa	6+100-6+200	0.05	Non-Signi	Gada Ram Mandal	32.3	75-100	Semi Perma	Under Cons	BPL
137	Belwa	6+100-6+200	0.0497	Non-Signi	Samri Devi					BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
138	Belwa	6+200-6+300	0.1317	Non-Signi	Mosagi Mandal	89.57	75-100	Temp	House	BPL
139	Belwa	6+400-6+500	0.1	Significant	Bablu Qureshi					
140	Belwa	6+400-6+500	0.09	Significant	Kaushaliya Devi	20.13	75-100	Temp	House	BPL
141	Belwa	6+500-6+600	0.1302	Significant	Sitiya Devi	27.04	75-100	Temp	House	BPL
142	Belwa	6+500-6+600	0.1101	Significant	Anandi Mahto					BPL
143	Belwa	6+500-6+600	0.1012	Non-Signi	Gopal Mahto	75.6	75-100	Semi Perma	House	BPL
144	Belwa	6+600-6+700	0.03	Non-Signi	Surendra Mahto	10.5	75-100	Temp	House	BPL
145	Belwa	6+600-6+700	0.0355	Non-Signi	Sita Ram Mahto	17.76	75-100	Temp	Cattleshed	BPL
146	Belwa (Pokhar Tola)	6+600-6+700	0.0327	Significant	Khageshwar Mahto	27.01	75-100	Permanent	House	BPL
147	Belwa (Pokhar Tola)	6+600-6+700	0.0327	Significant	Bahadur Mahto	28.8	75-100	Permanent	House	BPL
148	Belwa (Pokhar Tola)	6+600-6+700	0.442	Significant	Manju Devi	20.14	75-100	Temp	House	SC
149	Belwa	6+600-6+700	0.15	Significant	Gulo Devi	21.28	75-100	Temp	House	SC
150	Belwa	6+700-6+800	0.1347	Significant	Dhiraj Mahto					
151	Belwa	6+700-6+800	0.1605	Significant	Raju Kumar					SC
152	Belwa	6+600-6+700	0.3328	Significant	Shiv Narayan Mahto					BPL
153	Borni Gorgawan	7+000-7+100	0.0953	Non-Signi	Muskan Mandal					BPL
154	Borni Gorgawan(Shaharpura Govind Chowk)	7+000-7+100	0.0527	Significant	Mosmat Dulale Devi					BPL
155	Borni Gorgawan (Shaharpura)	7+100-7+200	0.0736	Non-Signi	Sarbadanand Prasad					BPL
156	Borni Gorgawan (Shaharpura)	7+100-7+200	0.1001	Non-Signi	Jagdish Mahto (Ramesh Kumar)					
157	Borni Gorgawan (Shaharpura)	7+200-7+300	0.2325	Non-Signi	Rajendra Mahto					
158	Borni Gorgawan (Shaharpura)	7+200-7+300	0.0145	Non-Signi	Rambati Devi					BPL
159	Borni Gorgawan (Shaharpura)	7+200-7+300	0.0895	Non-Signi	Suraybali Singh					
160	Borni Gorgawan (Shaharpura)	7+300-7+400	0.1447	Significant	Chamman Mahto					
161	Borni Gorgawan (Shaharpura)	7+400-7+500	0.1946	Non-Signi	Basuki Mahto					Poor
162	Borni Gorgawan (Shaharpura)	7+400-7+500	0.1945	Non-Signi	Bechan Mahto					BPL
163	Borni Gorgawan (Shaharpura)	7+600-7+700	0.0835	Non-Signi	Kishori Mahto					
164	Borni Gorgawan (Shaharpura)	7+600-7+700	0.0835	Non-Signi	Tara Devi					
165	Borni Gorgawan	7+900-8+000	0.0266	Non-Signi	Vidyanand Mahto					BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
166	Borni Gorgawan (Shaharpura)	8+000-8+100	0.0062	Non-Signi	Jawan Kumar Yadav					
167	Borni Gorgawan (Shaharpura)	8+000-8+100	0.0063	Non-Signi	Md Izwar Alam					
168	Borni Gorgawan (Shaharpura)	8+100-8+200	0.0026	Non-Signi	Sita Ram Mahto					BPL
169	Borni Gorgawan (Shaharpura)	8+100-8+200	0.0026	Non-Signi	Radhiya Devi	15.4	75-100	Temp	House	
170	Borni Gorgawan (Shaharpura)	8+100-8+200	0.0026	Non-Signi	Bheri Lal Mahto	4.25	50-75	Temp	Cattleshed	
171	Borni Gorgawan (Shaharpura)	8+300-8+400	0.0109	Non-Signi	Ahilya Devi					
172	Borni Gorgawan	8+300-8+400	0.0109	Non-Signi	Ratni Devi					BPL
173	Borni Gorgawan	8+300-8+400	0.0109	Non-Signi	Kanhaiya Mahto					
174	Borni Gorgawan	8+300-8+400	0.0109	Non-Signi	Nathuram Mahto					BPL
175	Borni Gorgawan	8+300-8+400	0.0109	Non-Signi	Lakhiram Mahto					
176	Borni Gorgawan	8+300-8+400	0.0109	Non-Signi	Fuleshwar Mahto					
177	Borni Gorgawan	8+300-8+400	0.0115	Non-Signi	Siweshwar Mahto					BPL
178	Borni Gorgawan (Barwa Tola)	8+400-8+500	0.1036	Significant	Jageshwar Mahto					Poor
179	Borni Gorgawan (Barwa Tola)	8+500-8+600	0.0269	Non-Signi	Chandra Dev Mahto					BPL
180	Borni Gorgawan (Barwa Tola)	8+500-8+700	0.0095	Non-Signi	Dhanmanti Devi					BPL
181	Borni Gorgawan (Barwa Tola)	8+600-8+700	0.0095	Non-Signi	Murari Mahto	10.08	75-100	Temp	House	
182	Borni Gorgawan (Barwa Tola)	8+600-8+700	0.0097	Non-Signi	Baleshwar Mahto	26	75-100	Temp	Hut	BPL
183	Borni Gorgawan (Barwa Tola)	8+700-8+800	0.0145	Non-Signi	Avdesh Mahto					
184	Borni Gorgawan (Barwa Tola)	8+700-8+800	0.013	Non-Signi	Raju Mahto (Dukh Narayan Mahto)	12	75-100	Temp	Shop	
185	Borni Gorgawan (Barwa Tola)	8+700-8+800	0.1307	Non-Signi	Govind Mahto					BPL
186	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.044	Non-Signi	Aakali Mahto	18.4	50-75	Temp	House	
187	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.044	Non-Signi	Narayan Mahto	40.74	25-50	Semi Perma	House	
188	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.044	Non-Signi	Shiv Prasad Mahto					
189	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.044	Non-Signi	Prabhakar Mahto					BPL
190	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.044	Significant	Diraj Mahto	9.61	75-100	Semi Perma	Cattleshed	BPL
191	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.044	Non-Signi	Urmila Devi					
192	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.044	Significant	Anita Devi	37.6	0-25	Permanent	House	BPL
193	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.2272	Significant	Asha Devi					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
194	Borni Gorgawan (Barwa Tola)	9+200-9+300	0.025	Non-Signi	Shiv Kishor Mallick					SC
195	Borni Gorgawan (Barwa Tola)	9+200-9+300	0.3493	Significant	Mohan Paswan	18.6	25-50	Temp	House	SC
196	Borni Gorgawan	9+200-9+300	0.0304	Significant	Sudha Devi					SC
197	Borni Gorgawan	9+200-9+300	0.0941	Non-Signi	Pramod Kumar Mallick	9.52+20BW	75-100	Temp	House	SC
198	Borni Gorgawan	9+200-9+300	0.0933	Non-Signi	Premrata Devi	11.7	0-25	Semi Perma	House	SC
199	Borni Gorgawan	9+200-9+300	0.0958	Non-Signi	Kamal Kumar Paswan	39.48	75-100	Permanent	House	SC
200	Borni Gorgawan	9+200-9+300	0.0051	Non-Signi	Bholiya Devi	17.85	75-100	Temp	House	
201	Borni Gorgawan	9+200-9+300	0.0051	Non-Signi	Hiraman Parihar					BPL
202	Borni Gorgawan	9+300-9+400	0.0051	Non-Signi	Raj Kumari Devi	6.75	0-25	Temp	House	BPL
203	Borni Gorgawan	9+300-9+400	0.0051	Non-Signi	Bhutni Parihar					BPL
204	Borni Gorgawan	9+300-9+400	0.0053	Non-Signi	Gita Devi (Shiv Kishor Mallick)					SC
205	Borni Gorgawan	9+300-9+400	0.01	Non-Signi	Satya Narayan Yadav	9.9	50-75	Temp	House	BPL
206	Borni Gorgawan	9+300-9+400	0.0119	Non-Signi	Vindeshwari Yadav	6	50-75	Temp	House	BPL
207	Borni Gorgawan	9+300-9+400	0.0019	Non-Signi	Moti Yadav					BPL
208	Borni Gorgawan	9+400-9+500	0.0009	Non-Signi	Shyamdev Poddar					BPL
209	Borni Gorgawan	9+400-9+500	0.0442	Significant	Tara Devi					Poor
210	Borni Gorgawan	9+400-9+500	0.0249	Non-Signi	Lakho Devi	7.4	0-25	Permanent	House	SC
211	Borni Gorgawan	9+400-9+500	0.0364	Non-Signi	Chaudhary Pairhar	4.8	0-25	Permanent	House	BPL
212	Borni Gorgawan	9+400-9+500	0.0364	Non-Signi	Musai Parihar	7.68	25-50	Semi Perma	Shop	BPL
213	Borni Gorgawan	9+400-9+500	0.0364	Non-Signi	Sri Lal Parihar	1.86	0-25	Permanent	House	BPL
214	Borni Gorgawan	9+400-9+500	0.0367	Non-Signi	Raja Ram Parihar	3.15	0-25	Temp	House	
215	Borni Gorgawan	9+400-9+500	0.0947	Non-Signi	Ratan Lal Poddar	17	75-100	Temp	Abandoned	
216	Borni Gorgawan	9+500-9+600	0.1845	Non-Signi	Yogesh Poddar	1.98+3.6BW	0-25	Semi Perma	Shed	
217	Borni Gorgawan	9+500-9+600	0.1845	Non-Signi	Madhav Poddar					
218	Borni Gorgawan	9+500-9+600	0.1842	Non-Signi	Rakesh Poddar	35.4	75-100	Temp	Shed	
219	Borni Gorgawan	9+500-9+600	0.1855	Non-Signi	Ghanshyam Poddar					
220	Bhatauria	9+700-9+800	0.0399	Non-Signi	Saurabh Kumar Agarwal	43BW	75-100	Semi Perma	Boundary	
221	Bhatauria	9+900-10+000	0.3401	Non-Signi	Abha Devi	32	75-100	Temp	Shop	



S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
222	Bhatauria	9+900-10+000	0.064	Non-Signi	Giya Mosmat	21.32	75-100	Temp	Shop	
223	Souria	10+200-10+300	0.0369	Non-Signi	Meraj Alam/Afroz Alam	8BW	75-100	Semi Perma	Boundary	
224	Souria	10+200-10+300	0.0369	Non-Signi	Md Ajmal - Md Akmal					BPL
225	Souria	10+200-10+300	0.129	Non-Signi	Sajid Ahmad					
226	Souria	10+200-10+300	0.1291	Non-Signi	Dr. Wakar Hasnat					
227	Souria	10+300-10+400	0.0426	Non-Signi	Sanjay Soren	10.4	75-100	Temp	Shed	ST
228	Souria	10+300-10+400	0.0088	Non-Signi	Sivlal Soren	3	0-25	Temp	Shop	
229	Souria	10+700-10+800	0.0208	Non-Signi	Shafiq Khan	19.2	75-100	Temp	House	
230	Souria	10+700-10+800	0.0208	Non-Signi	Akval Khan	7.47	25-50	Temp	House	BPL
231	Souria	10+700-10+800	0.0424	Significant	Mehbool Khan					BPL
232	Souria	10+800-10+900	0.0105	Non-Signi	Md Najrul	13.2	0-25	Temp	House	
233	Souria	10+800-10+900	0.0105	Significant	Sadik Khan	6.29	50-75	Semi Perma	Shed	
234	Souria	10+800-10+900	0.0105	Non-Signi	Malik Khan	7.56	75-100	Temp	Shed	
235	Souria	10+800-10+900	0.0105	Non-Signi	Khalik Khan	7.56	75-100	Temp	Shed	
236	Souria	10+800-10+900	0.0107	Non-Signi	Md Zahir Khan					BPL
237	Souria	10+900-11+000	0.02	Non-Signi	Md Nasir Alam	31.68	50-75	Temp	Shed	BPL
238	Souria	11+100-11+200	0.037	Non-Signi	Md Taurab Ali Khan	2.03	0-25	Semi Perma	Shop	
239	Souria	11+100-11+200	0.0269	Non-Signi	Santosh Kumar Thakur					BPL
240	Souria	11+100-11+200	0.0049	Non-Signi	Nandan Mandal	3.15	50-75	Temp	Shed	
241	Souria	11+100-11+200	0.0049	Non-Signi	Chandan Kumar					
242	Souria	11+100-11+200	0.0049	Non-Signi	Manoranjnan Mandal	2.94	50-75	Temp	Shed	WHH
243	Souria	11+100-11+200	0.0049	Non-Signi	Kundan Mandal	2.94	50-75	Temp	Shed	
244	Souria	11+100-11+200	0.0049	Non-Signi	Niranjnan Mandal	3.06	0-25	Temp	Shed	
245	Souria	11+100-11+200	0.0049	Non-Signi	Arun Kumar Mandal					
246	Souria	11+200-11+300	0.0051	Non-Signi	Dharnidhar Pathak	17.82	75-100	Temp	Shop	BPL
247	Souria	11+200-11+300	0.0645	Non-Signi	Arjun Prasad Sharma	13.69	75-100	Permanent	Shop	
248	Souria	11+200-11+300	0.0646	Non-Signi	Jawahar Lal Sharma	45.5	75-100	Temp	Cattle Shed	
249	Souria	11+200-11+300	0.0019	Non-Signi	Upendra Mandal					BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
250	Souria	11+200-11+300	0.2125	Significant	Rakeshwar Mandal					BPL
251	Souria	11+300-11+400	0.2472	Non-Signi	Jai Prakash Mandal					
252	Souria	11+300-11+400	0.6316	Significant	Domni Devi	47.12	75-100	Semi Perma	Under Cons	SC
253	Souria	11+500-11+600	0.0997	Non-Signi	Sohan Lal Soren					ST
254	Souria	11+500-11+600	0.0269	Non-Signi	Akhlesh Kr Kewat					BPL
255	Souria	11+600-11+700	0.0269	Non-Signi	Shivdhari Kewat					
256	Souria	11+600-11+700	0.0269	Non-Signi	Pradeep Kewat					BPL
257	Souria	11+600-11+700	0.0269	Non-Signi	Sarvan Kewat					BPL
258	Souria	11+500-11+600	0.0269	Non-Signi	Kailash Kewat	8.7	75-100	Temp	Shop	BPL
259	Souria	11+600-11+700	0.1151	Non-Signi	Ghanshiyam Mandal(Hitesh)					WHH
260	Souria	11+700-11+800	0.1151	Non-Signi	Shukur Dev Kewat	129.6	75-100	Temp	House	BPL
261	Souria	17+000-17+100	0.1349	Significant	Sudhir Mandal					BPL
262	Souria	11+800-11+900	0.078	Significant	Amar Kumar Arya					
263	Souria	11+800-11+900	0.078	Significant	Ajay Kumar Arya					
264	Souria	11+800-11+900	0.078	Non-Signi	Bipin Chaudhari					WHH
265	Souria	11+500-11+600	0.078	Non-Signi	Jay Prakash Kewat					
266	Souria	11+900-12+000	0.544	Significant	Jweli Roy (Rakesh Kumar Roy)	22.94	75-100	Semi Perma	Shop	
267	Ankhor (Janakpur)	12+000-12+100	0.0733	Significant	Kishore Kewat	33.6	75-100	Semi Perma	Shop	BPL
268	Ankhor (Janakpur)	12+000-12+100	0.0733	Significant	Besru Kewat					
269	Ankhor (Janakpur)	12+000-12+100	0.0733	Non-Signi	Jageswar Kewat					
270	Ankhor (Janakpur)	12+000-12+100	0.0516	Significant	Jageswar Kewat					BPL
271	Ankhor (Janakpur)	12+000-12+100	0.0516	Significant	Moti Kewat					BPL
272	Ankhor (Janakpur)	12+100-12+200	0.0153	Non-Signi	Tala Hemram					ST
273	Ankhor (Janakpur)	12+100-12+200	0.1204	Non-Signi	Bindeshwar Dev					
274	Ankhor (Janakpur)	12+100-12+200	0.0266	Non-Signi	Badruddin Ansari	12.92	50-75	Temp	House	BPL
275	Ankhor (Janakpur)	12+100-12+200	0.052	Non-Signi	Israil Ansari	4.62+6.2BW	75-100	Temp	Kitchen	BPL
276	Ankhor (Janakpur)	12+100-12+200	0.0267	Non-Signi	Noor Ansari	13	25-50	Temp	Resi+Com	WHH
277	Ankhor (Janakpur)	12+200-12+300	0.0047	Non-Signi	Akhtar Ansari					BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
278	Ankhor (Janakpur)	12+200-12+300	0.0224	Non-Signi	Pulnuni Hemram					ST
279	Ankhor (Janakpur)	12+300-12+400	0.0433	Significant	Munsi Murmu					ST
280	Ankhor (Janakpur)	12+300-12+400	0.006	Non-Signi	Radhe Shyam Kewat					ST
281	Ankhor (Janakpur)	12+400-12+500	0.0223	Significant	Karmu Bisra	12.96	75-100	Temp	House	ST
282	Ankhor (Janakpur)	12+400-12+500	0.0223	Significant	Lakhan Bisar	5.94	0-25	Semi Perma	House	ST
283	Ankhor (Janakpur)	12+400-12+500	0.3145	Non-Signi	Babulal Hemran					ST
284	Ankhor (Janakpur)	12+600-12+700	0.0248	Significant	Shaikh Mahi Uddin					BPL
285	Ankhor (Janakpur)	12+600-12+700	0.0248	Significant	Sweety Khatun					BPL
286	Ankhor (Janakpur)	12+800-12+900	0.3438	Significant	Md Nausad Alam					
287	Hamsaili	12+900-13+00	0.0052	Non-Signi	Md Salahuddin Khan					
288	Bhamraili	13+100-13+200	0.0115	Non-Signi	Sheikh Alam					BPL
289	Bhamraili	13+100-13+200	0.0115	Significant	Sheikh Dabbalu					BPL
290	Bhamraili	13+100-13+200	0.0115	Non-Signi	Sheikh Islam					BPL
291	Bhamraili	13+100-13+200	0.0115	Non-Signi	Shaikh Jalil					BPL
292	Bhamraili	13+100-13+200	0.0115	Significant	Shaikh Saurabh	9.68	50-75	Temp	House	BPL
293	Bhamraili	13+100-13+200	0.0115	Non-Signi	Begam Khatoon	10.66	25-50	Temp	Workshop	
294	Bhamraili	13+100-13+200	0.0115	Non-Signi	Shaikh Faiyaz Alam	16.72	25-50	Semi Perma	House	BPL
295	Bhamraili	13+200-13+300	0.0385	Non-Signi	Nurjahan Khatun	17.48	50-75	Temp	House	BPL
296	Bhamraili	13+200-13+300	0.0115	Non-Signi	Shaikh Hafizuddin					Poor
297	Bhamraili	13+300-13+400	0.0115	Non-Signi	Mohammad Islamuddin					BPL
298	Bhamraili	13+300-13+400	0.0116	Significant	Mairun Nisha	24.6	25-50	Temp	House	BPL
299	Bhamraili	13+300-13+400	0.0199	Non-Signi	Mohammad Mokhtar Alam	10.6	25-50	Temp	Flour Mill	
300	Bhamraili	13+300-13+400	0.0262	Non-Signi	Viren Das					SC
301	Bhamraili	13+300-13+400	0.0261	Non-Signi	Parmanand Das					SC
302	Bhamraili	13+300-13+400	0.0802	Non-Signi	Raj Kumar Das	21.28	50-75	Temp	House	SC
303	Bhamraili	13+300-13+400	0.022	Non-Signi	Md Nehal Khan					BPL
304	Bhamraili	13+400-13+500	0.2895	Significant	Kamni Devi					
305	Bhamraili	13+500-13+600	0.0145	Non-Signi	Rupesh Kumar					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
306	Bhamraili	13+500-13+600	0.0145	Non-Signi	Latish Alam /Md Sajid					
307	Bhamraili	13+500-13+600	0.0012	Non-Signi	Raj Kumar Singh					
308	Bhamraili	13+600-13+700	0.0073	Non-Signi	Md . Suleman Khan					
309	Bhamraili(Jogla Tola)	13+600-13+700	0.0073	Non-Signi	Deepak Kr Bhagat(Prakash Kr)					BPL
310	Bhamraili	13+600-13+700	0.0102	Non-Signi	Kamnu Das					BPL
311	Bhamraili	13+600-13+700	0.0029	Non-Signi	Shankar Sharma					BPL
312	Bhamraili	13+600-13+700	0.0029	Non-Signi	Dev Narayan Sharma					BPL
313	Bhamraili	13+600-13+700	0.0029	Non-Signi	Subodh Mandal(Bhola Biswas)					
314	Bhamraili	13+600-13+700	0.0029	Non-Signi	Santosh Sah					WHH
315	Bhamraili	13+600-13+700	0.0029	Non-Signi	Anil Kr Yadav					BPL
316	Bhamraili	13+600-13+700	0.003	Non-Signi	Sunil Kr Yadav					BPL
317	Bhamraili	13+600-13+700	0.003	Non-Signi	Deepak Bhagat	19.8	25-50	Temp	House	
318	Bhamraili	13+700-13+800	0.003	Non-Signi	Ashok Pofdar	2.9	25-50	Temp	Shop	
319	Bhamraili	13+700-13+700	0.003	Non-Signi	Bhagwan Sharma	3.36	50-75	Temp	Temple	BPL
320	Bhamraili	13+700-13+800	0.003	Non-Signi	Virendra Sharma	7	25-50	Temp	House	BPL
321	Bhamraili	13+700-13+800	0.003	Non-Signi	Ghenghru Sharma	11.52	50-75	Temp	House	BPL
322	Bhamraili	13+700-13+800	0.0048	Non-Signi	Pradeep Kumar Poddar	6.24+1.3BW	0-25	Permanent	Shop	
323	Bhamraili	13+700-13+800	0.003	Significant	Not Found	20BW	75-100	Semi Perma	Boundary Wall	
324	Bhamraili	13+700-13+800	0.003	Non-Signi	Arjun Shah					
325	Bhamraili	13+800-13+900	0.019	Non-Signi	Abdul Razzaque Khan					
326	Bhamraili	13+800-13+900	0.0187	Non-Signi	Gulam Mohiuddin					
327	Bhamraili	13+800-13+900	0.0187	Non-Signi	Md. Avid Khan					
328	Bhamraili	13+800-13+900	0.0187	Non-Signi	Maulana Jamal Khan					
329	Bhamraili	13+800-13+900	0.0188	Non-Signi	Mohammad Rauf Khan					
330	Bhamraili	13+800-13+900	0.0019	Non-Signi	Abdul Mazid Khan					
331	Bhamraili	13+800-13+900	0.0019	Non-Signi	Pachiya Devi	2	25-50	Permanent	Temple	BPL
332	Bhamraili	13+800-13+900	0.0092	Non-Signi	Bijli Devi	3.2	25-50	Temp	Shed	BPL
333	Bhamraili	14+300-14+400	0.2251	Non-Signi	Radhe Shyam Kewat					Poor

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
334	Bhamraili	14+300-14+400	0.0222	Significant	Gujay Sharma	31.68	75-100	Semi Perma	House	BPL
335	Bhamraili	14+400-14+500	0.0222	Significant	Parsadi Sharma	28	75-100	Temp	House	BPL
336	Bhamraili(Jogla Tola)	14+400-14+500	0.0223	Non-Signi	Kannu Sharma	36.9	75-100	Temp	House	BPL
337	Bhamraili	14+400-14+500	0.0223	Significant	Prakash Kewat	31.72	50-75	Permanent	House	BPL
338	Bhamraili(Jogla Tola)	14+400-14+500	0.0223	Significant	Singheshar Sharma	11.7	75-100	Temp	Cattleshed	
339	Bhamraili	14+400-14+500	0.0223	Significant	Hemant Kewat	15.2	75-100	Temp	House	BPL
340	Bhamraili(Jogla Tola)	14+400-14+500	0.0223	Significant	Suresh Kewat	17.5	75-100	Temp	House	BPL
341	Bhamraili	14+400-14+500	0.0223	Significant	Budhan Kewat	11.88	75-100	Temp	Cattleshed	BPL
342	Bhamraili	14+400-14+500	0.0223	Significant	Vikram Kewat	39.6	75-100	Permanent	House	BPL
343	Bhamraili	14+400-14+500	0.0223	Significant	Bablu Kewat	16.8	75-100	Temp	Cattleshed	BPL
344	Bhamraili	14+500-14+600	0.0527	Non-Signi	Shakila Khatun					
345	Bhamraili	14+500-14+600	0.0395	Non-Signi	Aasha Devi	27.55	0-25	Permanent	House	
346	Bhamraili	14+500-14+600	0.0396	Non-Signi	Anup Lal Kewat	22.8	75-100	Temp	Cattleshed	
347	Bhamraili	14+500-14+600	0.1026	Non-Signi	Shaikh Abbas					BPL
348	Bhamraili	14+600-14+700	0.0695	Significant	Bhism Pitamah					
349	Bhamraili	14+700-14+800	0.0695	Non-Signi	Mosmat Shukri Devi	13.3+8BW	0-25	Permanent	House	WHH
350	Bhamraili	14+700-14+800	0.0695	Non-Signi	Ajab Lal Kewat	37.83	75-100	Temp	House	
351	Bhamraili(Jogla Tola)	14+700-14+800	0.0695	Non-Signi	Mohan Kewat					BPL
352	Bhamraili	14+700-14+800	0.1363	Non-Signi	Sheikh Tahir (Kaushar Alam)	32	50-75	Semi Perma	Pvt. Office	Poor
353	Bhamraili	14+800-14+900	0.1427	Non-Signi	Md. Raish	186.3	50-75	Temp	Shed	
354	Bhamraili	14+900-15+000	0.4317	Non-Signi	Chedi Kewat					
355	Bhamraili	15+000-16+100	0.0331	Non-Signi	Gujayi Mandal					
356	Bhamraili	15+000-15+100	0.1797	Significant	Manoj Mandal					BPL
357	Bhamraili	15+200-15+300	0.1606	Significant	Vishwanath Mandal	62.1	75-100	Temp	Small Eatery	BPL
358	Bhamraili	15+400-15+500	0.4744	Significant	Anup Kr Jha, Anuj Kr Jha					
359	Bhamraili	15+500-15+600		Significant	Ashok Jha	10.88	75-100	Permanent	Shed	BPL
360	Bhamraili	15+500-15+600	0.356	Non-Signi	Anant Kr Jha					BPL
361	Bhamraili	15+500-15+600	0.0424	Non-Signi	Ranjit Mandal	5.2	75-100	Temp	Cattleshed	

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
362	Bhamraili	15+600-15+700	0.193	Non-Signi	Ajay Mohan Jha					
363	Bhamraili	15+600-15+700	0.033	Non-Signi	Subodh Chandra Jha					
364	Bhamraili	15+600-15+700	0.0702	Non-Signi	Ugranand Jha					
365	Bhamraili	15+700-15+800	0.0882	Non-Signi	Gulab Narayan Jha	9.9	75-100	Temp	Shop	BPL
366	Bhamraili	15+700-15+800	0.0738	Significant	Malti Devi	12.9	75-100	Temp	Shed	BPL
367	Bhamraili	15+700-15+800	0.0227	Non-Signi	Nirpu Mandal	7.7	75-100	Temp	House	
368	Bhamraili	15+700-15+800	0.1073	Non-Signi	Harikant Jha	59.85	25-50	Permanent	House	
369	Bhamraili	15+800-15+900	0.0731	Non-Signi	Tala Murmu					ST
370	Bhamraili	15+900-16+000	1.0163	Non-Signi	Nagendra Nath Jha (Saroj Kumar)					BPL
371	Bhamraili(Ragheli)	16+300-16+400	0.1508	Significant	Ajay Kumar					BPL
372	Bhamraili	16+300-16+400	0.1508	Non-Signi	Kanhaiya Lal Poddar					WHH
373	Bhamraili	16+300-16+400	0.1508	Non-Signi	Shankar Kumar Poddar					
374	Vilahi Araj	16+300-16+400	0.0102	Significant	Happa Muramu	38.07	75-100	Temp	House	ST
375	Vilahi Araj	16+300-16+400	0.0102	Significant	Sanjla Murmu	5.72	75-100	Temp	Hut	ST
376	Vilahi Araj	16+400-16+500	0.0102	Significant	Prem Murmu	29.4	75-100	Temp	House	ST
377	Vilahi Araj	16+400-16+500	0.0095	Significant	Fatka Murmu	36.8	75-100	Permanent	House	ST
378	Vilahi Araj	16+400-16+500		Significant	Fatka Murmu	24	75-100	Temp	Cattleshed	
379	Vilahi Araj	16+400-16+500	0.0197	Non-Signi	Barka Murmu	25.5	75-100	Semi Perma	Shed	ST
380	Vilahi Araj	16+400-16+500	0.0098	Non-Signi	Chhota Tala Soren	36.4	75-100	Temp	House	ST
381	Vilahi Araj	16+400-16+500	0.0965	Non-Signi	Guru Sauren	53.04	75-100	Permanent	House	ST
382	Vilahi Araj	16+500-16+600	0.046	Non-Signi	Saroj Kumari					
383	Vilahi Araj	16+500-16+600	0.046	Non-Signi	Kanhaiya Lal Poddar	11.6+36BW	75-100	Permanent	Godown	
384	Vilahi Araj	16+600-16+700	0.046	Non-Signi	Suniti Devi					
385	Vilahi Araj	16+600-16+700	0.0437	Non-Signi	Vasudev Ram	22	75-100	Temp	House	SC
386	Vilahi Araj	16+600-16+700	0.0437	Non-Signi	Raghunandan Poddar					
387	Vilahi Araj	16+600-16+700	0.0437	Non-Signi	Subash Chandra Poddar					
388	Vilahi Araj	16+600-16+700	0.044	Non-Signi	Chandra Dev Kumar Poddar					
389	Vilahi Araj	16+600-16+700	0.0206	Non-Signi	Ganori Lal Poddar	28.38	25-50	Semi Perma	House	

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
390	Vilahi Araj	16+700-16+800	0.0205	Non-Signi	akash Kumar Das					SC
391	Vilahi Araj	16+700-16+800	0.0205	Non-Signi	Nikhil Kumar					
392	Vilahi Araj	16+700-16+800	0.0205	Non-Signi	Parmanand Poddar	18.9	75-100	Temp	Shed	WHH
393	Vilahi Araj	16+700-16+800	0.0205	Non-Signi	Pushpa Devi					
394	Vilahi Araj	16+700-16+800	0.0205	Non-Signi	Kiran Kumar Poddar					BPL
395	Vilahi Araj	16+800-16+900	0.0071	Non-Signi	Ruby Devi (Raushan Kumar)					WHH
396	Vilahi Araj	16+800-16+900	0.016	Non-Signi	Pawan Kumar Das	6.24	0-25	Temp	Shed	
397	Vilahi Araj	16+800-16+900	0.0858	Non-Signi	Niranjan Prasad Mandal					
398	Vilahi Araj	16+800-16+900	0.0854	Non-Signi	Upendra Prasad Mandal					
399	Vilahi Araj	16+800-16+900	0.0766	Non-Signi	Bhuwan Prasad Mandal					
400	Vilahi Araj	16+800-16+900	0.0877	Non-Signi	Musaheb Lal Mandal					
401	Vilahi Araj	17+000-17+100	0.0042	Non-Signi	Manoj Kr Poddar	3.96	25-50	Semi Perma	Shed	
402	Vilahi Araj	17+000-17+100	0.0116	Significant	Shyam Sharma	15.96	75-100	Temp	Shop	BPL
403	Vilahi Araj	17+000-17+100	0.0116	Significant	Bokayi Sharma	4.55	50-75	Temp	House	BPL
404	Vilahi Araj	17+000-17+100	0.0116	Non-Signi	Naresh Sharma	4.29	0-25	Temp	House	
405	Vilahi Araj	17+000-17+100	0.0146	Significant	Sahdev Sharma					BPL
406	Vilahi Araj	17+000-17+100	0.0146	Non-Signi	Shanti Devi	15.08	75-100	Temp	House	
407	Vilahi Araj	17+100-17+200	0.0237	Non-Signi	Vishnu Dev Poddar					
408	Vilahi Araj	17+100-17+200	0.0168	Non-Signi	Ghanshyam Sharma	7	75-100	Temp	Kitchen	BPL
409	Vilahi Araj	17+100-17+200	0.0166	Non-Signi	Sanjay Kr Mandal					
410	Vilahi Araj	17+100-17+200	0.0111	Non-Signi	Pradip Kr Poddar					
411	Vilahi Araj	17+100-17+200	0.0263	Non-Signi	Sunup Lal Poddar	26BW	75-100	Semi Perma	Boundry Wall	
412	Vilahi Araj	17+100-17+000	0.6115	Non-Signi	Lalit Kumar Poddar	5.5+2.6BW	0-25	Temp	Dalan	
413	Vilahi Araj	17+100-17+200	0.015	Non-Signi	Raghunandan Poddar					
414	Vilahi Araj	17+200-17+300	0.0155	Significant	Sulekha Devi	1.41	0-25	Temp	House	BPL
415	Vilahi Araj	17+200-17+300	0.0154	Non-Signi	Parmila Devi	10.12	50-75	Temp	House	
416	Vilahi Araj	17+200-17+300	0.0154	Non-Signi	Kaushalya Devi	6.66	75-100	Temp	House	
417	Vilahi Araj	17+200-17+300	0.0304	Non-Signi	Avdesh Kr Mandal					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
418	Vilahi Araj	17+600-17+700	0.0379	Non-Signi	Ranchanand Mandal	3.6	75-100	Temp	Kiosk	
419	Vilahi Araj	17+600-17+700	0.2108	Non-Signi	Avdhesh Kumar	16.5	75-100	Temp	Shop	WHH
420	Vilahi Araj	17+800-17+900	0.0647	Non-Signi	Jogenard Parshad Mandal					BPL
421	Vilahi Araj	17+900+18+000	0.0727	Significant	Pappu Kumar Mandal					BPL
422	Vilahi Araj	17+900-18+000	0.017	Non-Signi	Pawan Thakur					BPL
423	Jelas (Tilas)	17+800-17+900	0.0556	Non-Signi	Laxmi Narayan Sharma	19.25	75-100	Temp	Garage	
424	Jelas (Tilas)	17+800-17+900	0.0556	Significant	Basudeo Parihar					ST
425	Jelas (Tilas)	17+800-17+900	0.0254	Significant	Rina Devi	27.38	75-100	Temp	House	BPL
426	Jelas (Tilas)	17+800-17+900	0.0254	Significant	Ramesh Poddar	19.5	75-100	Temp	Kitchen	BPL
427	Jelas (Tilas)	17+800-17+900	0.0254	Significant	Jyotish Chandra Poddar	6.9	75-100	Permanent	Shed	BPL
428	Jelas (Tilas)	17+800-17+900	0.0254	Non-Signi	Sant Lal Thakur	18	25-50	Temp	House	
429	Jelas (Tilas)	17+800-17+900	0.0257	Significant	Ajay Kr Poddar					BPL
430	Nijhra	17+750-17+800	0.0246	Non-Signi	Priyanka Kumari					WHH
431	Nijhra	17+800-17+900	0.00243	Non-Signi	Ram Prasad Sharma	21.6	75-100	Permanent	House	
432	Nijhra	17+800-17+900	0.0243	Significant	Babita Devi					
433	Nijhra	17+800-17+900	0.0678	Significant	Sudhansu Kumar Thakur					BPL
434	Nijhra	17+900-18+000	0.0977	Significant	Madhusudan Mahto	17.85	75-100	Permanent	Shop	BPL
435	Nijhra	17+900-18+000	0.0977	Non-Signi	Baneshwar Pandit	3	75-100	Permanent	Toilet	BPL
436	Nijhra	18+000-18+100	0.02	Non-Signi	Alka Devi					
437	Nijhra	18+000-18+100	0.1607	Significant	Jalim Mahto	41.89+2.3BW	75-100	Semi Perma	House	BPL
438	Nijhra	18+000-18+100	0.2179	Significant	Ram Bahadur Mahto	30.09	50-75	Temp	House	
439	Nijhra	18+100-18+200	0.0897	Non-Signi	Vijay Kr Kuswaha	11.55+16.5BW	75-100	Permanent	House	
440	Nijhra	18+100-18+200	0.0896	Non-Signi	Ramdev Mahto	35.75	25-50	Temp	House	
441	Nijhra	18+100-18+200	0.0528	Significant	Ramakant Thakur	48.96	25-50	Semi Perma	Under Cons	
442	Nijhra	18+100-18+200	0.0528	Significant	Rina Devi	10.08	75-100	Temp	Cattleshed	BPL
443	Nijhra	18+200-18+300	0.0047	Non-Signi	Suresh Mahto	15.6	50-75	Temp	Cattleshed	
444	Nijhra	18+200-18+300	0.031	Non-Signi	Shree Ram Chandra Mahto	16.24	25-50	Semi Perma	House	BPL
445	Nijhra	18+300-18+400	0.3291	Significant	Rani Devi	26.88	25-50	Permanent	Resi+Com	WHH



S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
446	Nijhra	18+400-18+500	0.024	Non-Signi	Shukru Das					SC
447	Diari	22+900-23+000	0.0306	Non-Signi	Gul Mohmmad					
448	Diari	23+000-23+100	0.2266	Significant	Gumani	180.48	75-100	Semi Perma	Under Cons	WHH
449	Diari	23+000-23+100	0.1407	Non-Signi	Mahbub Alam					
450	Diari	23+000-23+100	0.3296	Significant	Md Khokha	117.12	50-75	Temp	Workshop	
451	Diari (Singlepura)	23+100-23+200	0.0588	Non-Signi	Md Baharuddin					
452	Diari (Singlepura)	23+100-23+200	0.0588	Non-Signi	Md Riyaz					
453	Diari	23+100-23+200	0.1189	Significant	Sabaruddin					
454	Diari	23+100-23+200	0.0303	Non-Signi	Abdul Jalil					BPL
455	Diari(Harda)	23+100-23+200	0.0599	Non-Signi	Md Jamaluddin					
456	Diari (Singlepura)	23+200-23+300	0.0303	Non-Signi	Md Asauddin	26.13	25-50	Permanent	Under Cons	
457	Diari	23+100-23+200	0.0305	Non-Signi	Umar Ali	104.96	50-75	Permanent	House	
458	Diari (Singlepura)	23+200-23+300	0.1097	Significant	Abdul Rasid					BPL
459	Diari (Singlepura)	23+200-23+300	0.1098	Significant	Bharti Devi	6.76	75-100	Semi Perma	Foundation	
460	Diari (Singlepura)	23+300-23+400	0.3184	Non-Signi	Shyma Nand Singh					
461	Bijuhar	23+600-23+700	0.4398	Significant	Ashok Kumar Singh					
462	Bijuhar	23+800-23+900	0.0061	Non-Signi	Amit Kumar Singh	14.3+2.2BW	25-50	Semi Perma	House	
463	Bijuhar	23+900-24+000	0.0215	Non-Signi	Manranjan Kumar Singh					WHH
464	Bijuhar	24+200-24+300	0.079	Significant	Hem Lal Das	37.44	75-100	Temp	House	SC
465	Bijuhar	24+200-24+300	0.0444	Significant	Subhash Kumar Das					SC
466	Bijuhar	24+400-24+500	0.5324	Significant	Narayan Das					SC
467	Bijuhar	24+500-24+600	0.3661	Non-Signi	Shiv Prasad Singh					BPL
468	Bijuhar	24+500-24+600	0.2205	Significant	Chichiya Devi					SC
469	Bijuhar	24+900-25+000	0.4639	Significant	Mohan Sharma					BPL
470	Bijuhar	25+000-25+100	0.1488	Significant	Ajabul Haque	14.4	50-75	Temp	House	
471	Bijuhar	25+000-25+100	0.1488	Significant	Amiruddin	27.2	75-100	Temp	House	
472	Bijuhar	24+100-25+200	0.0163	Non-Signi	Md. Anarul Haque	45.92	75-100	Temp	Shop	Poor
473	Bijuhar	24+100-25+200	0.0163	Non-Signi	Mainul Haque					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
474	Bijuhar	24+100-25+200	0.0163	Non-Signi	Md. Minarul Haque					BPL
475	Bijuhar	25+100-25+200	0.0164	Non-Signi	Md. Jainul Haque					BPL
476	Bijuhar	25+100-25+200	0.0164	Non-Signi	Mahboob Alam	11.6	0-25	Temp	House	BPL
477	Bijuhar	25+100-25+200	0.0164	Non-Signi	Md. Enamul					BPL
478	Bijuhar	25+100-25+200	0.0164	Non-Signi	Husan Ara Khatoon	10.75	75-100	Temp	Hut	WHH
479	Rupaili	25+300-25+400	0.0962	Significant	Balram Kewat					
480	Rupaili	25+300-25+400	0.0169	Significant	Ganga Kewat					BPL
481	Maniknagar	25+400-25+500	0.755	Significant	Shri Shivand Ray					
482	Maniknagar	25+500-25+600	0.3544	Non-Signi	Brijlal Rabidas					SC
483	Maniknagar	25+600-25+700	0.0947	Significant	Jamun Kewat					BPL
484	Maniknagar	25+600-25+700	0.0947	Significant	Fulchandra Kewet					BPL
485	Maniknagar	25+600-25+700	0.095	Significant	Tulsi Kewat					Poor
486	Maniknagar	25+900-26+000	0.1029	Significant	Jamuni Devi					
487	Maniknagar	25+900-26+000	0.103	Significant	Raj Kumar Mandal					
488	Maniknagar	25+700-25+800	0.2294	Significant	Sudam Kebat					BPL
489	Maniknagar	25+800-25+900	0.2474	Significant	Panchulal Kebat					BPL
490	Maniknagar	26+000-26+100	0.4053	Significant	Brijlal Rabidas					SC
491	Maniknagar	26+000-26+100	0.1096	Significant	Prince Kumar Mandal					BPL
492	Maniknagar	26+000-26+100	0.1096	Significant	Preetam Kumar Mandal					
493	Maniknagar	26+000-26+100	0.1096	Significant	Parmod Kumar Mandal					
494	Maniknagar	26+000-26+100	0.1096	Significant	Ajay Kumar Mandal					
495	Maniknagar	26+000-26+100	0.1096	Significant	Saitaru Mandal					WHH
496	Maniknagar	26+400-26+500	0.1083	Significant	Mangan Mandal					BPL
497	Maniknagar	26+400-26+500	0.1083	Significant	Raj Kumar Mandal					BPL
498	Maniknagar	26+400-26+500	0.1083	Significant	Pradip Kumar Sah					
499	Maniknagar	26+400-26+500	0.1086	Significant	Likhai Mandal					
500	Gothaila	26+500-26+600	0.1324	Non-Signi	Manodrori Devi					Poor
501	Gothaila	26+700-26+800	0.2628	Non-Signi	Rajesh Kumar Mandal					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
502	Gothaila	26+700-26+800	0.269	Non-Signi	Bajnath Mandal					
503	Gothaila	26+700-26+800	0.0024	Non-Signi	Khokhae Mandal					
504	Gothaila	27+200-27+300	0.0758	Non-Signi	Chamru Yadav					WHH
505	Gothaila	27+200-27+300	0.038	Non-Signi	Bijay Kumar Mandal					BPL
506	Gothaila	27+300-27+400	0.2207	Significant	Anil Mandal					
507	Gothaila	26+800-26+900	0.0542	Non-Signi	Rajender Mandal					
508	Gothaila	26+900-27+000	0.0693	Significant	David Kumar Mandal					BPL
509	Gothaila	26+900-27+000	0.0692	Significant	Bajnath Mandal					Poor
510	Gothaila	27+200-27+300	0.0003	Non-Signi	Niranjana Kumar Mandal					BPL
511	Gothaila	27+200-27+300	0.0003	Non-Signi	Ramakant Mandal					BPL
512	Gothaila	27+300-27+400	0.01	Non-Signi	Salaya Devi					BPL
513	Gothaila	27+400-27+500	0.0278	Non-Signi	Naresh Yadav					BPL
514	Gothaila	27+700-27+800	0.0647	Non-Signi	Niranjana Mistri					BPL
515	Gothaila	27+900-28+000	0.0078	Significant	Ram Prasad Rai	3.74	75-100	Temp	Kiosk	SC
516	Gothaila	27+900-28+000	0.0078	Significant	Bhinu Rai					SC
517	Gothaila	27+900-28+000	0.0078	Significant	Madan Rai	29.16	75-100	Temp	Cattleshed	SC
518	Gothaila	27+900-28+000	0.0078	Significant	Niranjana Rai					SC
519	Gothaila	27+900-28+000	0.0078	Non-Signi	Savitri Devi	36.4	75-100	Temp	House	SC
520	Gothaila	27+900-28+000	0.0078	Non-Signi	Sudhir Roy	18	75-100	Temp	Shop	SC
521	Gothaila	28+000-28+100	0.0077	Non-Signi	Sataru Ray					ST
522	Gothaila	28+000-28+100	0.0077	Non-Signi	Tetli Devi					SC
523	Meenapur	31+600-31+700	0.0431	Non-Signi	Md Shahid					BPL
524	Meenapur	31+600-31+700	0.0332	Non-Signi	Md Asif (Md Manzoor Alam)					
525	Meenapur	31+600-31+700	0.3542	Significant	Bibi Raviza Khatun (Md Farooque )					
526	Meenapur	31+700-31+800	0.0294	Non-Signi	Jeevan Roy/Sanjeev Roy					SC
527	Meenapur	31+700-31+800	0.1027	Non-Signi	Bibi Roba Khatun					BPL
528	Meenapur	31+700-31+800	0.4118	Non-Signi	Md Noor Alam					
529	Meenapur	31+700-31+800	0.3848	Significant	Md Jakir Hussain					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
530	Meenapur	31+700-31+800	0.3848	Significant	Md Shiblee Alam					BPL
531	Meenapur	31+900-32+000	0.28012	Significant	Bibi Masuban					BPL
532	Meenapur	32+000-32+100	0.17892	Significant	Md Husam					
533	Meenapur	32+000-32+100	0.28932	Significant	Bibi Sahada Khatun					WHH
534	Meenapur	32+000-32+100	0.21642	Significant	Md Sajid Alam					BPL
535	Meenapur	32+000-32+100	0.0526	Significant	Md Shakil					BPL
536	Meenapur	32+000-32+100	0.0526	Significant	Md Zakir Hussain					
537	Meenapur	32+000-32+100	0.0527	Significant	Md Haroon Rashid					
538	Meenapur	31+800-31+900	0.0742	Non-Signi	Habibur Rahman					
539	Janakpur	31+600-31+700	0.5178	Significant	Md Dilawar Hussain					
540	Unaso Pachgachhi	31+100-32+200	0.5652	Significant	Bibi Sabina Begam					BPL
541	Unaso Pachgachhi	32+100-32+200	0.1755	Significant	Bibi Shadeka Khatun					BPL
542	Unaso Pachgachhi	32+100-32+200	0.1755	Significant	Md Yunus					BPL
543	Unaso Pachgachhi	32+200-32+300	0.0876	Significant	Noor Mohammad					BPL
544	Unaso Pachgachhi	32+200-32+300	0.0877	Significant	Bibi Tarannum Khatun					BPL
545	Unaso Pachgachhi	32+300-32+400	0.3323	Significant	Akhtar Hussain					BPL
546	Unaso Pachgachhi	32+300-32+400	0.8247	Significant	Md Dastagir Alam					
547	Unaso Pachgachhi	32+400-32+500	0.2845	Significant	Dilip Kumar Sah					WHH
548	Unaso Pachgachhi	32+400-32+500	0.3289	Significant	Md Zafar					BPL
549	Unaso Pachgachhi	32+500-32+600	0.0492	Non-Signi	Md Firazuddin					
550	Unaso Pachgachhi	32+500-32+600	0.2288	Significant	Md Juned Alam					BPL
551	Unaso Pachgachhi	32+500-32+600	0.2288	Significant	Bibi Manowara Begam					
552	Unaso Pachgachhi	32+600-32+700	0.231	Significant	Md Ilesh (Ilikyas)					BPL
553	Unaso Pachgachhi	32+600-32+700	0.8853	Significant	Sadika Khatun					BPL
554	Unaso Pachgachhi	32+800-32+900	0.9128	Significant	Khurshida Begam					
555	Unaso Pachgachhi	32+900-33+000	0.0899	Non-Signi	Anwar Alam					BPL
556	Unaso Pachgachhi	32+900-33+000	0.0899	Non-Signi	Md Hashane Alam					BPL
557	Unaso Pachgachhi	32+900-33+000	0.09	Significant	Md Nauman Alam					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
558	Unaso Pachgachhi	32+900-33+000	0.09	Non-Signi	Amna Khatun					BPL
559	Unaso Pachgachhi	32+900-33+000	0.0043	Non-Signi	Bibi Arta Khatun					BPL
560	Unaso Pachgachhi	32+900-33+000	0.0414	Significant	Md Harun Rashid					
561	Unaso Pachgachhi	32+900-33+000	0.0043	Non-Signi	Md Anis (Rifiqa Khatun )					
562	Unaso Pachgachhi	32+900-33+000	0.0043	Non-Signi	Md Hasnain					
563	Unaso Pachgachhi	32+900-33+000	0.3574	Significant	Bibi Sanera Khatun					
564	Unaso Pachgachhi	32+700-32+800	0.0161	Non-Signi	Abdul Samad					BPL
565	Bathan Kheti	33+000-33+100	1.62502	Significant	Md Reja					
566	Bathan Kheti	33+100-33+200	0.1363	Significant	Md Kasafil					
567	Bathan Kheti	33+100-33+200	0.1363	Significant	Bibi Husne Hena					
568	Bathan Kheti	33+100-33+200	0.1363	Significant	Nur Alam					BPL
569	Bathan Kheti	33+100-33+200	0.2664	Significant	Md Abdul Rahman					BPL
570	Bathan Kheti	33+200-33+300	0.0215	Non-Signi	Bibi Jakara Khatun					BPL
571	Bathan Kheti	33+200-33+300	0.0608	Non-Signi	Md Siddik					
572	Bathan Kheti	33+200-33+300	0.6054	Significant	Md Kazim Akhtar					BPL
573	Bathan Kheti	33+300-33+400	0.4134	Significant	Md Farooque Azam					
574	Bathan Kheti	33+300-33+400	0.4867	Significant	Md Abdul Rahman					BPL
575	Bathan Kheti	33+400-33+500	0.2473	Significant	Md Firoa Alam / Wasim Akram					
576	Bathan Kheti	33+500-33+600	0.368	Significant	Md Mazharu Haque					WHH
577	Bathan Kheti	33+500-33+600	0.20491	Significant	Bibi Musrefa Khatun					Poor
578	Bathan Kheti	33+500-33+600	0.205	Significant	Mushda Khatun					BPL
579	Bathan Kheti	33+500-33+600	0.2051	Significant	Md Shoyeb Alam					
580	Bathan Kheti	33+500-33+600	0.2988	Significant	Md Majibur Rahman / Simmi Khatun					
581	Bathan Kheti	33+600-33+700	0.3191	Non-Signi	Md Shakil					
582	Bathan Kheti	33+600-33+700	0.0719	Significant	Md Ashraf					BPL
583	Bathan Kheti	33+600-33+700	0.0719	Non-Signi	Md Jawed Akhtar					BPL
584	Bathan Kheti	33+600-33+700	0.0719	Significant	Md Mamoon Rashid					
585	Benijalpur	33+800-33+900	0.3358	Significant	Nejamuddin					BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
586	Benijalalpur	33+700-33+800	0.3153	Significant	Musya Devi					
587	Benijalalpur	33+700-33+800	0.2771	Non-Signi	Md Hasim					
588	Tahirpur	33+300-33+400	0.1571	Significant	Nafis Akhtar					
589	Tahirpur	33+300-33+400	0.5366	Significant	Abdur Raza					
590	Tahirpur	33+900-34+000	0.773	Significant	Bibi Nazifun Nisha					BPL
591	Tahirpur	33+900-34+000	0.7751	Significant	Bibi Halun Nisha					BPL
592	Tahirpur	34+100-34+200	1.6085	Significant	Anika Khatun					BPL
593	Tahirpur	34+200-34+300	0.5192	Significant	Azijubur Rahman					
594	Tahirpur	34+300-34+400	0.0243	Non-Signi	Md Alam					
595	Tahirpur	34+400-34+500	0.1105	Non-Signi	Biplab Mukhrajji					
596	Tahirpur	34+500-34+600	0.7358	Significant	Md Tauhid Kazmi					BPL
597	Tahirpur	34+500-34+600	0.0211	Non-Signi	Md Moiz (Tahir Hussain)					
598	Tahirpur	34+600-34+700	0.6437	Significant	Md Taigul					BPL
599	Tahirpur	34+600-34+700	0.1457	Significant	Md Majharul Haque					BPL
600	Tahirpur	34+600-34+700	0.1457	Significant	Md Kaiser Raja					
601	Tahirpur	34+600-34+700	0.1457	Significant	Kashmeri Khatun					BPL
602	Tahirpur	34+600-34+700	0.1457	Non-Signi	Md Altafur Rahman					
603	Tahirpur	34+800-34+900	0.8683	Significant	Hari Prasad Agrawal					
604	Tahirpur	34+800-34+900	0.2496	Significant	Heymant Kumar Agrawal					
605	Tahirpur	35+100-35+200	0.0061	Non-Signi	Jafar Alam	33	75-100	Permanent	Shop	
606	Teghra	39+700-39+800	0.0173	Non-Signi	Md Shahnawaz					
607	Teghra	39+700-39+800	0.002	Non-Signi	Md Anzar Alam					
608	Teghra	39+700-39+800	0.002	Non-Signi	Md Ashraf					
609	Teghra	39+700-39+800	0.002	Non-Signi	Md Aslam					
610	Teghra	39+900-40+000	0.0193	Non-Signi	Unknown	37BW	75-100	Semi Perma	Boundry Wall	
611	Mukuria (Narayanpur)	39+900-40+000	0.0088	Non-Signi	Dr Firoj					
612	Mukuria (Narayanpur)	39+900-40+000	0.0088	Non-Signi	Umer Faruq					
613	Mukuria (Narayanpur)	39+900-40+000	0.0087	Non-Signi	Md Shah Alam					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
614	Mukuria (Narayanpur)	39+900-40+000	0.0044	Non-Signi	Md Zaful Alam					
615	Mukuria (Narayanpur)	40+000-40+100	0.0094	Non-Signi	Mujib					WHH
616	Mukuria (Narayanpur)	40+000-40+100	0.0095	Non-Signi	Majeed					BPL
617	Mukuria (Narayanpur)	40+000-40+100	0.0095	Non-Signi	Manjur Alam					
618	Mukuria (Narayanpur)	40+000-40+100	0.0095	Non-Signi	Afsar Alam					BPL
619	Mukuria (Narayanpur)	40+000-40+100	0.0095	Non-Signi	Md Asrar Alam					Poor
620	Mukuria (Narayanpur)	40+000-40+100	0.0095	Non-Signi	Md Asraf					BPL
621	Mukuria (Narayanpur)	40+000-40+100	0.0162	Non-Signi	Md Mustak Ali	6.6	75-100	Temp	Kiosk	Poor
622	Mukuria (Narayanpur)	40+000-40+100	0.0163	Non-Signi	Tetli Khatoon					BPL
623	Mukuria (Narayanpur)	40+000-40+100	0.0199	Non-Signi	Md Kamruddin	28.5	0-25	Permanent	House	
624	Mukuria (Narayanpur)	40+100-40+200	0.0063	Non-Signi	Abdul Kadir	5	25-50	Temp	Hut	
625	Mukuria (Narayanpur)	40+100-40+200	0.0088	Non-Signi	Md Siddik Husain					
626	Mukuria (Narayanpur)	40+100-40+200	0.0063	Non-Signi	Md Mojahid					BPL
627	Mukuria (Narayanpur)	40+100-40+200	0.0051	Non-Signi	Ajmeri Khatun	12.74	0-25	Permanent	Under Cons	
628	Mukuria (Narayanpur)	40+100-40+200	0.0051	Non-Signi	Md Gulam Husain	31.96	25-50	Semi Perma	House	
629	Mukuria (Narayanpur)	40+100-40+200	0.0051	Non-Signi	Abdul Razak					Poor
630	Mukuria (Narayanpur)	40+100-40+200	0.0133	Significant	Md Raijuddin	16.83	25-50	Permanent	House	WHH
631	Mukuria (Narayanpur)	40+100-40+200	0.0133	Significant	Hazra Khatoon	9	75-100	Temp	Hut	BPL
632	Mukuria (Narayanpur)	40+100-40+200	0.0082	Non-Signi	Soni Devi	26.1	25-50	Semi Perma	House	SC
633	Mukuria (Narayanpur)	40+100-40+200	0.0082	Non-Signi	Najrul Haq					Poor
634	Mukuria (Narayanpur)	40+100-40+200	0.0183	Non-Signi	Md Kadir Alam					
635	Mukuria (Narayanpur)	40+100-40+200	0.0051	Non-Signi	Md Saiduil Rahman					BPL
636	Mukuria (Narayanpur)	40+100-40+200	0.005	Non-Signi	Md Ataur Rahman					BPL
637	Mukuria (Narayanpur)	40+100-40+200	0.005	Significant	Md Alam					BPL
638	Mukuria (Narayanpur)	40+100-40+200	0.005	Non-Signi	Md Rayujuddin					Poor
639	Mukuria (Narayanpur)	40+200-40+300	0.005	Non-Signi	Md Sabbir					
640	Mukuria (Narayanpur)	40+200-40+300	0.005	Non-Signi	Md Majibul					
641	Mukuria (Narayanpur)	40+200-40+300	0.005	Non-Signi	Abdul Rashid					BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
642	Mukuria (Narayanpur)	40+200-40+300	0.005	Non-Signi	Md Dilbar	4	75-100	Temp	Kiosk	
643	Mukuria (Narayanpur)	40+200-40+200	0.005	Non-Signi	Md Akbar	3.6	75-100	Temp	Kiosk	
644	Mukuria (Narayanpur)	40+200-40+300	0.005	Non-Signi	Md Rajibul					WHH
645	Mukuria (Narayanpur)	40+200-40+300	0.005	Non-Signi	Md Maijuddin					
646	Mukuria (Narayanpur)	40+300-40+400	0.0543	Non-Signi	Anil Yadav					
647	Mukuria (Narayanpur)	40+300-40+400	0.0143	Non-Signi	Shyam Nath Yadav					
648	Mukuria (Narayanpur)	40+300-40+400	0.0143	Non-Signi	Madu Yadav(Anil Yadav)					
649	Mukuria (Narayanpur)	40+300-40+400	0.0143	Non-Signi	Munna Devi					BPL
650	Mukuria (Narayanpur)	40+300-40+400	0.0142	Non-Signi	Satnarayan Yadav					
651	Mukuria (Narayanpur)	40+300-40+400	0.0056	Non-Signi	Ravindra Nath Das	8	75-100	Semi Perma	Shop	
652	Mukuria (Narayanpur)	40+300-40+400	0.0025	Non-Signi	Arun Jain					
653	Mukuria (Narayanpur)	40+300-40+400	0.0025	Non-Signi	Md Firoj(Samim Akhtar)					
654	Mukuria (Narayanpur)	40+300-40+400	0.0026	Non-Signi	Md Samshad Alam (Samim Akhtar)					BPL
655	Mukuria (Narayanpur)	40+300-40+400	0.0026	Non-Signi	Nejamuddin					
656	Mukuria (Narayanpur)	40+300-40+400	0.0026	Non-Signi	Md Mannovar Alam					WHH
657	Mukuria (Narayanpur)	40+300-40+400	0.0026	Non-Signi	Md Sabir (Samim Akhtar)					
658	Mukuria (Narayanpur)	40+300-40+400	0.0047	Non-Signi	Md Quddus	18	75-100	Semi Perma	Shed	
659	Mukuria (Narayanpur)	40+300-40+400	0.0048	Non-Signi	Ram Dayal Bosak					SC
660	Mukuria (Narayanpur)	40+300-40+400	0.0048	Non-Signi	Rajendra Bosak					SC
661	Mukuria (Narayanpur)	40+300-40+400	0.0074	Non-Signi	Saimuddin					
662	Mukuria (Narayanpur)	40+300-40+400	0.0075	Non-Signi	Md Shahwas Ashraf	61.6	75-100	Permanent	House	
663	Mukuria (Narayanpur)	40+400-40+500	0.0075	Non-Signi	Abdul Mannan					BPL
664	Mukuria (Narayanpur)	40+500-40+600	0.0372	Non-Signi	Pappu Kumar Yadav	105	75-100	Semi Perma	Small Eatery	WHH
665	Mukuria (Narayanpur)	40+300-40+400	0.0373	Non-Signi	Manoj Yadav	3.8	75-100	Temp	Kiosk	
666	Mukuria (Narayanpur)	40+600-40+700	0.0041	Non-Signi	Chandan Kumar Yadav	12.5BW	75-100	Semi Perma	Boundry Wall	
667	Mukuria (Narayanpur)	40+600-40+700	0.0041	Non-Signi	Shankar Bosak					SC
668	Mukuria (Narayanpur)	40+600-40+700	0.0041	Non-Signi	Naresh Kumar Yadav	10.8	75-100	Temp	Shop	BPL
669	Mukuria (Narayanpur)	40+600-40+700	0.0041	Non-Signi	Bittu Kr Yadav( Sanjay Yadav)	48.75	75-100	Semi Perma	Small Eatery	



S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
670	Mukuria (Narayanpur)	40+600-40+700	0.0042	Non-Signi	Sonu Kr Yadav	18.29	75-100	Semi Perma	Workshop	
671	Mukuria (Narayanpur)	40+700-40+800	0.0042	Non-Signi	Chotu Kumar					Poor
672	Mukuria (Narayanpur)	40+700-40+800	0.0042	Non-Signi	Pawan Sharma					Poor
673	Mukuria (Narayanpur)	40+700-40+800	0.0043	Non-Signi	Ramchandra Sharma					
674	Mukuria (Narayanpur)	40+700-40+800	0.0043	Non-Signi	Virat Yadav (Premlal Yadav)					
675	Mukuria (Narayanpur)	40+700-40+800	0.0043	Non-Signi	Md Naiyar Alam / Qumrun Nisa					
676	Mukuria (Narayanpur)	40+700-40+800	0.0043	Non-Signi	Abhishek Kr Yadav(Dipak Kr Yadav)					BPL
677	Mukuria (Narayanpur)	40+700-40+800	0.0043	Non-Signi	Kusum Lal Yadav					BPL
678	Sultanpur (Barosi)	46+800-46+900	0.0023	Non-Signi	Firoj Alam					
679	Sultanpur (Barosi)	46+800-46+900	0.0024	Non-Signi	Hasan Raza					
680	Raghunathpur	49+900-50+000	0.017	Non-Signi	Biwi Khursid Nusrat (Md Abdul Mokit Advocate)					
681	Raghunathpur	49+900-50+000	0.0067	Non-Signi	Md Chirag Alam	3BW	75-100	Semi Perma	Boundry Wall	WHH
682	Raghunathpur	49+900-50+000	0.0067	Non-Signi	Md Moquit Alam	15.81	75-100	Semi Perma	Shop	
683	Raghunathpur	50+000-50+100	0.0025	Non-Signi	Saroj Kumar Saha					
684	Raghunathpur	50+000-50+100	0.0025	Non-Signi	Sanjay Kr Saha					
685	Raghunathpur	50+000-50+100	0.0092	Non-Signi	Rajkumar Saha					WHH
686	Raghunathpur	50+000-50+100	0.0025	Non-Signi	Manoj Kumar Saha					
687	Raghunathpur	50+000-50+100	0.0092	Non-Signi	Jay Prakash Prasad					BPL
688	Raghunathpur	50+000-50+100	0.0101	Non-Signi	Md Shamim Alam	58.5	25-50	Temp	Shed	
689	Raghunathpur	50+000-50+100	0.0135	Non-Signi	Roshan Kumar Sah					
690	Raghunathpur	50+000-50+100	0.0135	Non-Signi	Archna Devi					BPL
691	Raghunathpur	50+000-50+100	0.0025	Non-Signi	Md Mozahir Hussain					
692	Raghunathpur	50+000-50+100	0.0025	Non-Signi	Md Manazir Alam					
693	Raghunathpur	50+000-50+100	0.0025	Non-Signi	Md Jamil Akhtar					
694	Raghunathpur	50+000-50+100	0.0104	Non-Signi	Abdul Mughni					BPL
695	Raghunathpur	50+000-50+100	0.0063	Non-Signi	Abdul Wali	12BW	75-100	Semi Perma	Boundry Wall	
696	Raghunathpur	50+000-50+100	0.0063	Non-Signi	Aftab Ahmad					
697	Raghunathpur	50+000-50+100	0.0074	Non-Signi	Afaque Ahmad					BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
698	Raghunathpur	50+100-50+200	0.0783	Significant	Abhimanjay Prasad	8.9	0-25	Temp	Shop	SC
699	Raghunathpur	50+200-50+300	0.0065	Non-Signi	Md Mahabul					BPL
700	Raghunathpur	50+200-50+300	0.0065	Non-Signi	Parmeshwar Parsad	11.8	0-25	Permanent	House	
701	Raghunathpur	52+200-52+300	0.0149	Non-Signi	Shiv Charan Pandit	11.1	0-25	Permanent	Resi+Com	BPL
702	Raghunathpur	50+200-50+300	0.0837	Significant	Nagina Prasad Yadav	22+6BW	25-50	Permanent	House	
703	Raghunathpur	50+200-50+300	0.0837	Non-Signi	Kamal Chandra Chanda	13.8	0-25	Semi Perma	Cattleshed	
704	Raghunathpur	50+200-50+300	0.0062	Non-Signi	Shankar Prasad Sah	11	0-25	Permanent	Resi+Com	
705	Raghunathpur	50+200-50+300	0.0062	Non-Signi	Badri Prasad Sah	12	25-50	Permanent	Shop	
706	Raghunathpur	50+200-52+300	0.0062	Non-Signi	Ashish Kr Das					
707	Raghunathpur	50+200-50+300	0.0188	Significant	Manoj Kumar Gupta	32+8BW	50-75	Permanent	House	
708	Raghunathpur	50+300-50+400	0.0123	Non-Signi	Jitender Kumar Mandal	14.5	75-100	Permanent	Shop	
709	Raghunathpur	50+300-50+400	0.0123	Non-Signi	Pawan Kapoor	3.5BW	75-100	Temp	Under Cons	
710	Raghunathpur	50+300-50+400	0.0123	Non-Signi	Madan Mondal	67.5	75-100	Semi Perma	Resi+Com	BPL
711	Raghunathpur	50+300-50+400	0.009	Non-Signi	Jitendra Prasad	14	25-50	Permanent	Resi+Com	WHH
712	Raghunathpur	50+300-50+400	0.0012	Non-Signi	Shankar Kumar Varma	17	50-75	Permanent	House	
713	Raghunathpur	50+300-50+400	0.0055	Non-Signi	Parmeshwar Thakur	29.5	25-50	Permanent	House	
714	Raghunathpur	50+300-50+400	0.0055	Non-Signi	Devendra Thakur	30.8	25-50	Permanent	Resi+Com	
715	Raghunathpur	50+400-50+500	0.0053	Significant	Jagdesb Sah	25.92	75-100	Permanent	House	
716	Raghunathpur	50+400-50+500	0.0106	Non-Signi	Surendra Prasad Shah	29.25	50-75	Permanent	House	
717	Raghunathpur	50+400-50+500	0.0107	Significant	Chandan Saha	24.2	50-75	Permanent	House	
718	Raghunathpur	50+400-50+500	0.009	Non-Signi	Ram Awadh Chauhan	33.28	75-100	Temp	House	BPL
719	Raghunathpur	50+400-50+500	0.0094	Non-Signi	Tapan Kumar Das	29.9	75-100	Permanent	Shop	BPL
720	Raghunathpur	50+400-50+500	0.0048	Non-Signi	Ram Prasad Saha	12.6	75-100	Temp	Shop	BPL
721	Raghunathpur	50+400-50+500	0.0049	Non-Signi	Bambam Kumar Shah	8.4	50-75	Temp	Hut	
722	Raghunathpur	50+400-50+500	0.0349	Significant	Arun Kumar Tiwary	14.25+8BW	25-50	Semi Perma	Shop	
723	Raghunathpur	50+400-50+500	0.0028	Non-Signi	Madan Mohan Mishra	56.55	75-100	Semi Perma	Shop	
724	Raghunathpur	50+400-50+500	0.0042	Non-Signi	Sanjeet Kr Sah	25.2	75-100	Semi Perma	Godown	
725	Raghunathpur	50+400-50+500	0.0042	Non-Signi	Manoj Sah	23.1	75-100	Semi Perma	Shop	

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
726	Raghunathpur	50+400-50+500	0.0042	Non-Signi	Arabhu Prasad Shah	23.1	75-100	Semi Perma	Shop	
727	Raghunathpur	51+000-51+100	0.0256	Non-Signi	Md Firoz Shiekh					
728	Raghunathpur	51+000-51+100	0.0007	Non-Signi	Md Tanveer					
729	Raghunathpur	51+100-51+200	0.0008	Non-Signi	Md Anwar Hosin					
730	Raghunathpur	51+000-51+100	0.0257	Non-Signi	Kisan Prasad					
731	Raghunathpur	51+100-51+200	0.015	Non-Signi	Md Sarfraaz Ahmad					
732	Raghunathpur	51+200-51+300	0.0109	Non-Signi	Md Istiyak Alam					BPL
733	Raghunathpur	51+200-51+300	0.011	Non-Signi	Md Farhad Alam					
734	Raghunathpur	51+900-52+000	0.0289	Significant	Md Akhlal					
735	Raghunathpur	51+900-52+000	0.029	Non-Signi	Md Matin (Md Ashraful)					WHH
736	Raghunathpur	51+900-52+000	0.0243	Significant	Santosh Sah					
737	Raghunathpur	52+100-52+200	0.0552	Non-Signi	Md Zulfaquar					
738	Raghunathpur	52+100-52+200	0.0308	Non-Signi	Mahalam					BPL
739	Raghunathpur	52+200-52+300	0.0238	Non-Signi	Md Ahtasham					
740	Raghunathpur	52+200-52+300	0.0238	Significant	Md Atikur Rahman	26.98	75-100	Semi Perma	Under Cons	
741	Raghunathpur	52+200-52+300	0.0238	Non-Signi	Eram Shatshed Babri					WHH
742	Raghunathpur	52+200-52+300	0.0237	Non-Signi	Md Jafar Alam					
743	Daula	55+600-55+700	0.0305	Non-Signi	Mohan Lal Yadav					
744	Daula	55+600-55+700	0.0306	Non-Signi	Shankar Yadav					
745	Daula	55+700-55+800	0.0131	Non-Signi	Narayan Yadav					
746	Daula	55+700-55+800	0.0131	Non-Signi	Sandhiya Devi					
747	Daula	55+700-55+800	0.0131	Non-Signi	Lakhi Devi					
748	Daula	55+700-55+800	0.0131	Non-Signi	Dhan Lal Yadav (Doli Devi)					
749	Daula	55+700-55+800	0.0131	Non-Signi	Iswar Chandar Yadav					
750	Dalan	0+400-0+500	0.0503	Significant	Not Found					
751	Dalan	0+400-0+500	0.0028	Significant	Not Found					
752	Dalan	0+500-0+600	0.0769	Significant	Not Found					
753	Dalan	0+600-0+700	0.0565	Significant	Not Found					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
754	Dalan	0+600-0+700	0.0467	Significant	Not Found					
755	Dalan	0+900-1+000	0.0669	Significant	Not Found					
756	Dalan	1+500-1+600	0.0413	Significant	Not Found					
757	Dalan	2+400-2+500	0.0221	Significant	Not Found					
758	Dalan	2+800-2+900	0.1077	Significant	Not Found					
759	Dalan	2+900-3+000	0.0122	Significant	Not Found					
760	Tapka	3+500-3+600	0.0056	Significant	Not Found					
761	Tapka	4+600-4+700	0.0042	Significant	Not Found					
762	Tapka	4+600-4+700	0.0024	Significant	Not Found					
763	Tapka	4+800-4+900	0.1605	Significant	Not Found					
764	Belwa	5+600-5+700	0.0008	Significant	Not Found					
765	Belwa	6+600-6+700	0.0403	Significant	Not Found					
766	Belwa	6+800-6+900	0.0105	Significant	Not Found					
767	Belwa	6+900-7+000	0.1871	Significant	Not Found					
768	Borni Gorgawan	8+300-8+400	0.0129	Significant	Not Found					
769	Borni Gorgawan	8+400-8+500	0.0752	Significant	Not Found					
770	Borni Gorgawan	9+000-9+100	0.0642	Significant	Not Found					
771	Borni Gorgawan	9+300-9+400	0.0047	Significant	Not Found					
772	Ankhor	12+700-12+800	0.0163	Significant	Not Found					
773	Bhamraili	15+300-15+400	0.0843	Significant	Not Found					
774	Nijhra	18+200-18+300	0.0855	Significant	Not Found					
775	Nijhra	18+200-18+300	0.0293	Significant	Not Found					
776	Nijhura	19+300-19+400	0.2342	Significant	Not Found					
777	Nijhura	19+400-19+500	0.2097	Significant	Not Found					
778	Porni	20+000-20+100	0.0515	Significant	Not Found					
779	Bathan Kheti	33+100-33+200	0.0481	Significant	Not Found					
780	Raghunathpur	50+900-51+000	0.0165	Significant	Not Found					
781	Dalan (Samshero Ganj)	0+600-0+700	0.5533	Significant	Abdul Mannan	20.5	75-100	Semi Perma	Workshop	BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
782	Dalan (Mongra)	0+700-0+800	0.1981	Significant	Shayesta Ahsan Khanam					
783	Dalan (Mongra)	0+800-0+900	0.0319	Non-Signi	Meera Khatun	2.28	75-100	Temp	Kiosk	WHH
784	Dalan (Mongra)	0+800-0+900	0.0319	Non-Signi	Hasina Khatun (Md Lal)	17.5	75-100	Temp	House	BPL
785	Dalan (Mongra)	0+900-1+000	0.0864	Non-Signi	Suresh Prasad Yadav	36.72+29.4BW	25-50	Permanent	House	
786	Dalan (Mongra)	0+900-1+000	0.0315	Significant	Not Found	13BW	75-100	Semi Perma	Boundary Wall	
787	Dalan (Mongra)	0+900-1+000	0.2484	Non-Signi	Md Zahurul Haque	142.8+34BW	75-100	Semi Perma	Under Cons	WHH
788	Dalan (Mongra)	1+000-1+100	0.195	Significant	Md Jabbar Khan (Imtiyaz Khan)	16.43	75-100	Semi Perma	Shop	
789	Dalan (Mongra)	1+000-1+100	0.3946	Non-Signi	Hasibur Rahman Khan					
790	Dalan (Mongra)	1+100-1+200	0.0739	Significant	Not Found	5.2BW	75-100	Semi Perma	Boundary Wall	
791	Dalan (Mongra)	1+100-1+200	0.0272	Non-Signi	Bibi Shami Khatun (Nasim Khan )	23.92	50-75	Semi Perma	Shop	
792	Dalan (Mongra)	1+100-1+200	0.0272	Non-Signi	Baldev Sah	6.4	75-100	Temp	Hut	BPL
793	Dalan (Mongra)	1+100-1+200	0.0272	Non-Signi	Shahani Begam					
794	Dalan (Mongra)	1+100-1+200	0.0272	Non-Signi	Bibi Bashra Khatun (Nasir Khan )					BPL
795	Dalan (Mongra)	1+100-1+200	0.0272	Non-Signi	Md Kalam Ansari					
796	Dalan (Mongra)	1+100-1+200	0.0272	Non-Signi	Md Saiiad Alam Ansari					
797	Dalan (Mongra)	1+100-1+200	0.0272	Non-Signi	Tabassum Parvin	18BW	75-100	Semi Perma	Boundary Wall	
798	Dalan (Mongra)	1+200-1+300	0.0666	Significant	Madhuri Rai	27.04	75-100	Temp	House	
799	Dalan (Mongra)	1+200-1+300	0.0394	Significant	Paro Mosmat	11.97	75-100	Temp	House	BPL
800	Dalan (Mongra)	1+200-1+300	0.0394	Non-Signi	Chandra Shekhar Ram	19.08	75-100	Temp	House	SC
801	Dalan (Mongra)	1+200-1+300	0.0396	Non-Signi	Dhaneshwar Sah	51.48	50-75	Semi Perma	House	BPL
802	Dalan (Mongra)	1+200-1+300	0.0394	Non-Signi	Urmila Devi	23.43	75-100	Semi Perma	Cattleshed	BPL
803	Dalan (Mongra)	1+300-1+400	0.3795	Significant	Shenaz Gajala Khanam	24.96	75-100	Temp	Pvt. Office	BPL
804	Dalan (Mongra)	1+400-1+500	0.101	Non-Signi	Sheikh Jalil	19.14	75-100	Temp	Store Room	
805	Dalan (Mongra)	1+400-1+500	0.1011	Significant	Noor Jahan Khatun	7.8	0-25	Temp	House	
806	Dalan (Mongra)	1+500-1+600	0.0868	Significant	Not Found	56.5BW	75-100	Semi Perma	Boundary Wall	
807	Dalan (Mongra)	1+600-1+700	0.0833	Non-Signi	Abdul Qaiyum	5.4	75-100	Temp	Kiosk	
808	Dalan (Mongra)	1+600-1+700	0.0833	Non-Signi	Md Belal Hussian					
809	Dalan (Mongra)	1+700-1+800	0.104	Non-Signi	Bibi Najma Khatun					BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
810	Dalan (Mongra)	1+700-1+800	0.0833	Non-Signi	Abul Qaiyum					
811	Dalan (Mongra)	1+700-1+800	0.0833	Significant	Abul Kalam Azad					BPL
812	Dalan (Mongra)	1+700-1+800	0.1395	Significant	Jiyaul Haque					BPL
813	Dalan (Mongra)	1+700-1+800	0.0562	Significant	Md Tajamul	25.5	25-50	Semi Perma	House	Poor
814	Dalan (Mongra)	1+700-1+800	0.0562	Non-Signi	Shamshul Haque					BPL
815	Dalan (Mongra)	1+700-1+800	0.1395	Significant	Tanjara Khatun	51.15	75-100	Permanent	House	WHH
816	Dalan (Mongra)	1+700-1+800	0.0562	Significant	Md Mujibur Rahman	99	75-100	Temp	House	BPL
817	Dalan (Mongra)	1+700-1+800	0.0565	Non-Signi	Naima Khatun (Md Nasiruddin)	17.2	75-100	Temp	House	BPL
818	Dalan (Mongra)	2+100-2+200	0.0101	Non-Signi	Geeta Prasad Das	9.6	25-50	Temp	House	SC
819	Dalan (Mongra)	2+000-2+100	0.0101	Non-Signi	Dhrup Lal Das					Poor
820	Dalan (Mongra)	2+100-2+200	0.0102	Non-Signi	Rukmani Devi	3.23	75-100	Temp	Kiosk	SC
821	Dalan (Mongra)	2+100-2+200	0.0009	Non-Signi	Md Iliyas (Shaikh Aziz)	63.28	75-100	Temp	House	BPL
822	Dalan (Mongra)	2+200-2+300	0.008	Non-Signi	Dauli Rani					
823	Dalan (Chandrama)	2+200-2+300	0.0011	Non-Signi	Lakshmi Mahto					
824	Dalan (Chandrama)	2+200-2+300	0.027	Non-Signi	Amna Khatun	4.84	0-25	Temp	House	WHH
825	Dalan (Chandrama)	2+200-2+300	0.0012	Non-Signi	Kamli Devi					WHH
826	Dalan (Chandrama)	2+200-2+300	0.0011	Non-Signi	Akali Mahto (Nitish Kumar Mahto)	2.48	25-50	Temp	Shop	BPL
827	Dalan (Chandrama)	2+200-2+300	0.0012	Non-Signi	Anil Mahto (Nitish Kumar Mahto)					BPL
828	Dalan (Chandrama)	2+300-2+400	0.0079	Non-Signi	Manoj Kumar Mahto					
829	Dalan (Chandrama)	2+300-2+400	0.0836	Non-Signi	Bibi Hasina Khatun					
830	Dalan (Chandrama)	2+400-2+500	0.0738	Non-Signi	Md Abbas (Md Mitthu)	40.8	25-50	Temp	House	BPL
831	Dalan (Chandrama)	2+400-2+500	0.0833	Non-Signi	Md Sadruddin Khan					
832	Dalan (Chandrama Chowk)	2+500-2+600	0.0739	Non-Signi	Sheikh Akbar (Sheikh Nasim)	35.96	75-100	Semi Perma	Shed	
833	Dalan (Chandrama Chowk)	2+500-2+600	0.0599	Non-Signi	Arvind Kumar Sah	16.24	75-100	Semi Perma	Shed	WHH
834	Dalan (Chandrama Chowk)	2+500-2+600	0.1262	Non-Signi	Md Akhtar Hussain					Poor
835	Dalan (Chandrama Chowk)	2+500-2+600	0.0027	Non-Signi	Shehnawaz Alam	15.91	75-100	Permanent	Shop	
836	Dalan (Mongra)	2+500-2+600	0.0247	Non-Signi	Mosmat Meera Devi	17	75-100	Temp	Shop	WHH
837	Dalan (Chandrama Chowk)	2+500-2+600	0.0247	Non-Signi	Sehdev Mahto	15.98	75-100	Semi Perma	Small Eatery	

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
838	Dalan (Chandrama Chowk)	2+600-2+700	0.0247	Non-Signi	Suresh Prasad Sah	13.57	75-100	Temp	Shop	BPL
839	Dalan (Chandrama Chowk)	2+600-2+700	0.4273	Non-Signi	Murali Manohar Singh (Shiv Rma Kimkar)					
840	Dalan (Sarvasa)	2+900-3+000	0.0476	Non-Signi	Anita Devi	16.33+28.2B W	75-100	Semi Perma	Shed	PHH
841	Dalan (Sarvasa)	3+000-3+100	0.0337	Non-Signi	Mahesh Bhagat					
842	Dalan (Sarvasa)	3+000-3+100	0.0337	Non-Signi	Prem Sagar Bhagat	33.6	25-50	Semi Perma	House	
843	Dalan (Sarvasa)	3+100-3+200	0.0125	Non-Signi	Sanjay Kumar Sanjeev					
844	Dalan (Sarvasa)	3+100-3+200	0.0125	Non-Signi	Satya Narayan Yadav					
845	Dalan (Sarvasa)	3+200-3+300	0.0143	Non-Signi	Ranmbha Devi					WHH
846	Tapka (Sarvasa)	3+400-3+500	0.0472	Non-Signi	Thakur Prasad Yadav					
847	Tapka (Sarvasa)	3+400-3+500	0.0438	Non-Signi	Pankaj Lochan Yadav	4.76	75-100	Temp	House	
848	Tapka (Sarvasa)	3+500-3+600	0.013	Non-Signi	Pankaj Kumar Yadav	4.37	75-100	Temp	House	
849	Tapka (Sarvasa)	3+500-3+600	0.0258	Non-Signi	Bhola Prasad Yadav	11.36	0-25	Permanent	House	
850	Tapka (Sarvasa)	3+500-3+600	0.0257	Non-Signi	Suresh Prasad Yadav	24.78	75-100	Semi Perma	House	Poor
851	Tapka (Sarvasa)	3+500-3+600	0.0282	Non-Signi	Subhash Chandra Yadav	8.1	75-100	Temp	House	
852	Tapka (Sarvasa)	3+500-3+600	0.0282	Non-Signi	Manjula Devi					BPL
853	Tapka (Sarvasa)	3+600-3+700	0.0616	Non-Signi	Parmanand Yadav (Mirtunjay Lumar)					WHH
854	Tapka (Sarvasa)	3+900-4+000	0.0024	Non-Signi	Sarita Kumari (Suraj Kumar)					
855	Tapka (Sarvasa)	3+900-4+000	0.0024	Non-Signi	Mukesh Kumar Sah					
856	Tapka (Sarvasa)	4+000-4+100	0.0082	Non-Signi	Mukti Prasad Yadav					
857	Tapka (Sarvasa)	4+000-4+100	0.0025	Non-Signi	Musafir Yadav	37.24	75-100	Temp	Hut	
858	Tapka (Sarvasa)	3+900-4+000	0.0025	Non-Signi	Sarita Devi	6	75-100	Temp	Shop	
859	Tapka (Sarvasa)	4+000-4+100	0.021	Non-Signi	Milendra Yadav	20.79	25-50	Temp	Small Eatery	BPL
860	Tapka (Sarvasa)	4+000-4+100	0.0206	Non-Signi	Umesh Lal Yadav					
861	Tapka (Sarvasa)	4+000-4+100	0.0206	Non-Signi	Punam Devi					
862	Tapka (Sarvasa)	4+000-4+100	0.0206	Non-Signi	Ramanand Yadav					Poor
863	Tapka (Sarvasa)	4+000-4+100	0.0206	Non-Signi	Kanak Lal Yadav					
864	Tapka (Sarvasa)	4+000-4+100	0.0206	Non-Signi	Sujit Kumar Yadav					WHH
865	Tapka (Sarvasa)	4+100-4+200	0.023	Non-Signi	Aarti Sharma					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
866	Tapka (Sarvasa)	4+100-4+200	0.207	Non-Signi	Kumari Neelima					
867	Tapka (Sarvasa)	4+100-4+200	0.0122	Non-Signi	Basudev Yadav					Poor
868	Tapka (Sarvasa)	4+100-4+200	0.0122	Non-Signi	Parmod Yadav					
869	Tapka (Sarvasa)	4+100-4+200	0.0122	Non-Signi	Manju Devi					BPL
870	Tapka (Sarvasa)	4+100-4+200	0.0122	Non-Signi	Bal Mukumd Kumar					
871	Tapka (Sarvasa)	4+100-4+200	0.0122	Non-Signi	Tarini Thakur	47.3	75-100	Temp	House	BPL
872	Tapka (Sarvasa)	4+200-4+300	0.0122	Non-Signi	Bhivas Kumar Yadav	12.4	75-100	Temp	Shop	Poor
873	Tapka (Sarvasa)	4+200-4+300	0.0122	Non-Signi	Ashok Kumar Yadav					BPL
874	Tapka (Sarvasa)	4+200-4+300	0.0099	Non-Signi	Bhola Prasad Yadav					BPL
875	Tapka (Sarvasa)	4+200-4+300	0.0096	Non-Signi	Sulekha Devi (Rakesh Kumar)					SC
876	Tapka (Sarvasa)	4+200-4+300	0.0096	Non-Signi	Shiv Narayan Yadav					
877	Tapka (Sarvasa)	4+200-4+300	0.0096	Non-Signi	Pawan Kumar Yadav					
878	Tapka (Pothia Ghat)	4+400-4+500	0.0555	Non-Signi	Basisht Narayan Yadav					WHH
879	Tapka (Pothia Ghat)	4+400-4+500	0.0555	Non-Signi	Sony Devi					
880	Tapka (Pothia Ghat)	4+400-4+500	0.0555	Non-Signi	Dr Milan Kumar					
881	Tapka (Pothia Ghat)	4+500-4+600	0.0555	Significant	Not Found	21BW	75-100	Semi Perma	Boundary Wall	
882	Tapka (Pothia Ghat)	4+600-4+700	0.0255	Non-Signi	Jugal Kishor Yadav	31.08	75-100	Temp	House	
883	Tapka (Pothia Ghat)	4+700-4+800	0.0252	Non-Signi	Vibha Devi					WHH
884	Tapka (Pothia Ghat)	4+700-4+800	0.0252	Non-Signi	Jugal Kishor Yadav					Poor
885	Tapka (Pothia Ghat)	4+600-4+700	0.0252	Non-Signi	Manohar Yadav (Arvid Yadav)					BPL
886	Tapka (Pothia Ghat)	4+700-4+800	0.0043	Non-Signi	Ranjeet Mandal					BPL
887	Tapka (Pothia Ghat)	4+700-4+800	0.0197	Non-Signi	Bhola Prasad Yadav					
888	Tapka (Pothia Ghat)	4+700-4+800	0.0193	Non-Signi	Dinesh Yadav					
889	Tapka (Pothia Ghat)	4+700-4+800	0.0193	Non-Signi	Pirthvi Prasad Yadav					
890	Tapka (Pothia Ghat)	4+700-4+800	0.0193	Non-Signi	Suresh Yadav					
891	Tapka (Pothia Ghat)	4+700-4+800	0.0193	Non-Signi	Bali Ram Yadav					
892	Belwa	4+800-4+900	0.0372	Non-Signi	Parmod Kumar Saha					
893	Belwa	4+800-4+900	0.1997	Non-Signi	Venu Sinha					



S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
894	Belwa	5+000-5+100	0.1801	Non-Signi	Raj Kishor Mandal					
895	Belwa	5+100-5+200	0.1781	Non-Signi	Phulchand Mandal					
896	Belwa	5+100-5+200	0.0652	Non-Signi	Rajendra Mandal					
897	Belwa	5+100-5+200	0.0653	Non-Signi	Sudama Prasad Mandal					
898	Belwa	5+300-5+400	0.0157	Non-Signi	Chandralekha Kumari (Kalani Prasad Das)					WHH
899	Belwa	5+400-5+500	0.0288	Non-Signi	Bindu Bhushan Mandal	15.84	75-100	Temp	House	BPL
900	Belwa	5+400-5+500	0.0288	Significant	Murlidhar Mandal					
901	Belwa	5+400-5+500	0.0288	Non-Signi	Hari Mohan Mandal (Deepak Kumar)					
902	Belwa	5+500-5+600	0.0276	Non-Signi	Hari Sundar Prasad Lal	13BW	75-100	Semi Perma	Boundary Wall	
903	Belwa	5+500-5+600	0.0275	Non-Signi	Doman Mandal	14.3	75-100	Temp	House	Poor
904	Belwa	5+500-5+600	0.0479	Non-Signi	Bobby Devi	15.2+16.8	75-100	Semi Perma	Shop	
905	Belwa	5+500-5+600	0.0994	Non-Signi	Sunil Kumar Mandal					WHH
906	Belwa	5+600-5+700	0.6942	Significant	Shanti Devi (Samrendra Kumar)					
907	Belwa	5+700-5+800	0.0091	Non-Signi	Rajendra Prasad Mandal	11.7	75-100	Semi Perma	House	
908	Belwa	5+700-5+800	0.009	Non-Signi	Shayam Kumar Mandal					
909	Belwa	5+900-6+000	0.0028	Non-Signi	Sawita Devi					BPL
910	Belwa	5+900-6+000	0.0027	Non-Signi	Sri Stayanarayan Mandal					BPL
911	Belwa	5+900-6+000	0.0027	Non-Signi	Shyam Mandal					
912	Belwa	5+900-6+000	0.0139	Non-Signi	Ram Prasad Mandal					
913	Belwa	6+000-6+100	0.0955	Non-Signi	Santosh Kumar Mandal					
914	Belwa	5+900-6+000	0.0883	Non-Signi	Binay Kumar Mandal					
915	Belwa	6+000-6+100	0.0914	Significant	Kamal Mandal					
916	Belwa	6+100-6+200	0.406	Significant	Radha Mandal					BPL
917	Belwa (Pokhar Tola)	6+300-6+400	0.1789	Non-Signi	Ramprit Singh	23BW	75-100	Semi Perma	Boundary Wall	
918	Belwa (Pokhar Tola)	6+500-6+600	0.002	Non-Signi	Rajesh Kumar Agrawal	12.6+27.2BW	75-100	Semi Perma	Cattleshed	
919	Belwa (Pokhar Tola)	6+500-6+600	0.1101	Significant	Suhsila Devi	10.08	50-75	Temp	House	WHH
920	Belwa (Pokhar Tola)	6+600-6+700	0.0072	Non-Signi	Budhani Devi	19.04	0-25	Semi Perma	House	
921	Belwa (Pokhar Tola)	6+600-6+700		Significant	Budhani Devi	38.69	50-75	Permanent	House	

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
922	Belwa (Pokhar Tola)	6+600-6+700	0.0056	Non-Signi	Prityanand Mahto	30.25	75-100	Temp	House	WHH
923	Belwa (Pokhar Tola)	6+600-6+700	0.0055	Non-Signi	Sabo Devi	12.22+7BW	75-100	Semi Perma	Cattleshed	
924	Belwa (Pokhar Tola)	6+600-6+700	0.0071	Non-Signi	Ganesh Bhagat	23.4	75-100	Temp	House	
925	Belwa (Pokhar Tola)	6+700-6+800	0.1171	Non-Signi	Upendra Narayan Pandit					
926	Belwa (Pokhar Tola)	6+800-6+900	0.0812	Non-Signi	Pachu Murmur					ST
927	Borni Gorgawan	7+000-7+100	0.3104	Non-Signi	Jitendra Narayan Pandit					
928	Borni Gorgawan(Govind,Shaharpura)	7+400-7+500	0.4102	Significant	Bina Devi (Vishwa Motra Mahto)					WHH
929	Borni Gorgawan (Shaharpura)	7+500-7+600	0.1093	Significant	Mahesh Kumar Mahto					Poor
930	Borni Gorgawan (Shaharpura)	7+500-7+600	0.1093	Significant	Nathan Mahto					BPL
931	Borni Gorgawan (Shaharpura)	7+500-7+600	0.1093	Non-Signi	Baleshwar Mahto					WHH
932	Borni Gorgawan (Shaharpura)	7+600-7+700	0.1095	Significant	Puja Kumari (Mithilesh Kumar Sah)					
933	Borni Gorgawan (Shaharpura)	7+600-7+700	0.0836	Significant	Masudan Mahto					
934	Borni Gorgawan (Shaharpura)	7+700-7+800	0.0084	Non-Signi	Mannan Ansari	36.92	75-100	Temp	House	BPL
935	Borni Gorgawan (Shaharpura)	7+700-7+800	0.0989	Significant	Mustakim Ansari (Sahera Khatun)	16.25	75-100	Temp	Cattleshed	BPL
936	Borni Gorgawan (Shaharpura)	7+800-7+900	0.0111	Non-Signi	Rameshwar Mahto					
937	Borni Gorgawan (Shaharpura)	7+800-7+900	0.0111	Non-Signi	Makbul Ansari	5.52	25-50	Temp	House	WHH
938	Borni Gorgawan (Shaharpura)	7+900-8+000	0.0049	Non-Signi	Md Mansur					
939	Borni Gorgawan (Shaharpura)	7+900-8+000	0.0049	Non-Signi	Sukheshar Mahto	6.49	25-50	Temp	Shop	BPL
940	Borni Gorgawan (Shaharpura)	7+900-8+000	0.0049	Non-Signi	Abdul Jabbar					BPL
941	Borni Gorgawan (Shaharpura)	7+900-8+000	0.0051	Non-Signi	Md Wakeel					
942	Borni Gorgawan (Shaharpura)	7+900-8+000	0.0477	Non-Signi	Mangan Mahto (Ravikant Mahto)	26.1	75-100	Temp	House	WHH
943	Borni Gorgawan (Shaharpura)	8+000-8+100	0.0009	Non-Signi	Karmi Devi					
944	Borni Gorgawan (Shaharpura)	8+000-8+100	0.2789	Non-Signi	Anandi Mahto	4.2	0-25	Permanent	House	BPL
945	Borni Gorgawan (Shaharpura)	8+000-8+100	0.0009	Non-Signi	Budheshwar Mahto	6	75-100	Temp	Shop	WHH
946	Borni Gorgawan (Shaharpura)	8+000-8+100	0.0009	Non-Signi	Basati Devi					
947	Borni Gorgawan (Shaharpura)	8+000-8+100	0.0304	Non-Signi	Savitri Devi					BPL
948	Borni Gorgawan	8+100-8+200	0.033	Non-Signi	Prasist Mahto					
949	Borni Gorgawan	8+200-8+300	0.2838	Non-Signi	Jay Prakash Mahto					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
950	Borni Gorgawan	8+200-8+300	0.2241	Non-Signi	Jayasang Mahto					
951	Borni Gorgawan(Barwa Tola)	8+400-8+500	0.0678	Non-Signi	Ram Prasad Mahto					
952	Borni Gorgawan (Barwa Tola)	8+400-8+500	0.0389	Non-Signi	Jay Govind Mahto					BPL
953	Borni Gorgawan (Barwa Tola)	8+500-8+600	0.0389	Non-Signi	Mangli Devi					
954	Borni Gorgawan (Barwa Tola)	8+500-8+600	0.0556	Significant	Takeshwar Mahto					
955	Borni Gorgawan (Barwa Tola)	8+600-8+700	0.0013	Non-Signi	Shankar Mahto					
956	Borni Gorgawan (Barwa Tola)	8+600-8+700	0.0092	Non-Signi	Dev Narayan Mahto (Sankar Mahto)					WHH
957	Borni Gorgawan (Barwa Tola)	8+600-8+700	0.0292	Significant	Shakhi Chandra Mahto	14.72	75-100	Semi Perma	Shop	
958	Borni Gorgawan (Barwa Tola)	8+700-8+800	0.0292	Significant	Dinesh Mandal (Ravani Devi)					
959	Borni Gorgawan (Barwa Tola)	8+700-8+800	0.0292	Significant	Vishu Lal Mandal					ST
960	Borni Gorgawan (Barwa Tola)	8+700-8+800	0.0292	Significant	Samar Mandal					
961	Borni Gorgawan (Barwa Tola)	8+700-8+800	0.0292	Non-Signi	Ramchandra Paswan					SC
962	Borni Gorgawan (Barwa Tola)	8+700-8+800	0.0292	Non-Signi	Jay Narayan Mahto					
963	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.0298	Significant	Duryodhan Mandal					
964	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.1088	Non-Signi	Dinesh Parihar	11.52	50-75	Temp	House	SC
965	Borni Gorgawan (Barwa Tola)	8+800-8+900	0.0638	Non-Signi	Prem Nath Prasad					
966	Borni Gorgawan	8+900-9+000	0.0923	Significant	Bindu Singh					
967	Borni Gorgawan	8+900-9+000	0.0579	Non-Signi	Amit Sharma	35BW	75-100	Semi Perma	Boundary Wall	
968	Borni Gorgawan	9+300-9+400	0.0065	Non-Signi	Manoj Paswan	11	75-100	Temp	House	SC
969	Borni Gorgawan	9+300-9+400	0.0029	Non-Signi	Mosmat Domani					WHH
970	Borni Gorgawan	9+300-9+400	0.0029	Non-Signi	Paran Thakur	6.6	75-100	Temp	Shop	
971	Borni Gorgawan	9+300-9+400	0.0031	Non-Signi	Chaya Devi					Poor
972	Borni Gorgawan	9+300-9+400	0.0097	Non-Signi	Kamli Devi	20.25	75-100	Semi Perma	Shop	
973	Borni Gorgawan	9+300-9+400	0.0098	Non-Signi	Janki Devi (Vijay Parihar)					
974	Borni Gorgawan	9+300-9+400	0.0268	Non-Signi	Kanhai Parihar	22.8	75-100	Semi Perma	Shop	
975	Borni Gorgawan	9+400-9+500	0.0269	Non-Signi	Narayan Parihar	7.8	25-50	Semi Perma	House	
976	Borni Gorgawan	9+500-9+600	0.0102	Non-Signi	Praksah Kumar Poddar	2.88	0-25	Temp	Shop	
977	Borni Gorgawan	9+500-9+600	0.0102	Non-Signi	Radha Poddar	13.14	50-75	Temp	House	BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
978	Borni Gorgawan	9+500-9+600	0.0124	Non-Signi	Niranjan Poddar	11	50-75	Temp	Cattleshed	
979	Borni Gorgawan	9+500-9+600	0.0073	Non-Signi	Ashok Poddar	24	75-100	Temp	House	
980	Borni Gorgawan	9+500-9+600	0.0109	Non-Signi	Ashok Poddar, Damodar Poddar					
981	Borni Gorgawan	9+600-9+700	0.1298	Non-Signi	Birendra Poddar					
982	Borni Gorgawan	9+700-9+800	0.2143	Significant	Manoj Poddar					
983	Devkhand (Borni Gorgawan)	9+700-9+800	0.0363	Significant	Subodh Poddar					SC
984	Devkhand (Borni Gorgawan)	9+700-9+800	0.0363	Significant	Shiyam Dev Poddar					WHH
985	Devkhand (Borni Gorgawan)	9+700-9+800	0.0367	Non-Signi	Tej Narayan Poddar					Poor
986	Devkhand (Borni Gorgawan)	9+800-9+900	0.0875	Significant	Janki Devi					
987	Devkhand (Borni Gorgawan)	9+800-9+900	0.0983	Non-Signi	Kamli Devo					
988	Souria	10+000-10+100	0.0266	Non-Signi	Pankaj Kumar Aarya					
989	Souria	10+000-10+100	0.2975	Significant	Himanshu Shekhar Jha					
990	Souria	10+100-10+200	0.0523	Non-Signi	Sitam Marandi					ST
991	Souria	10+100-10+200	0.0368	Non-Signi	Sheikh Hakim					
992	Souria	10+200-10+300	0.2813	Non-Signi	Rinchu Hasdah					SC
993	Souria	10+300-10+400	0.1268	Non-Signi	Pitambar Mahto	50.4	50-75	Permanent	House	
994	Souria	10+500-10+600	0.0248	Non-Signi	Samad Khan					
995	Souria	10+500-10+600	0.0188	Non-Signi	Kuldip Sah	1.6	0-25	Temp	House	
996	Souria	10+600-10+700	0.0188	Significant	Md Sadique Alam					
997	Souria	10+500-10+600	0.0394	Non-Signi	Sahanwar Alam					WHH
998	Souria	10+500-10+600	0.0204	Significant	Shaikh Hasan					
999	Souria	10+600-10+700	0.0267	Non-Signi	Syeed Akhtar					
1000	Souria	10+600-10+700	0.0109	Non-Signi	Nilam Devi					
1001	Souria	10+600-10+700	0.011	Non-Signi	Shaikh Shafique	1.5	0-25	Temp	House	
1002	Souria	10+600-10+700	0.0109	Significant	Saikh Rafik Alam	3.71	0-25	Semi Perma	Under Cons	BPL
1003	Souria	10+600-10+700	0.011	Non-Signi	Md. Taslim					
1004	Souria	10+600-10+700	0.011	Non-Signi	Bibi Nargis Khatoon					BPL
1005	Souria	10+600-10+700	0.011	Non-Signi	Roohi Khatoon					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1006	Souria	10+600-10+700	0.0213	Non-Signi	Md. Shafiq	10.92	25-50	Temp	House	
1007	Souria	10+600-10+700	0.011	Non-Signi	Sugni Bahri					WHH
1008	Souria	10+700-10+800	0.0114	Non-Signi	Md Safik					
1009	Souria	10+700-10+800	0.0022	Non-Signi	Israfil Khan					BPL
1010	Souria	10+700-10+800	0.0022	Non-Signi	Shaikh Samfu	14	50-75	Temp	House	BPL
1011	Souria	10+700-10+800	0.0022	Non-Signi	Md. Makavul	16	75-100	Temp	Shop	BPL
1012	Souria	10+700-10+800	0.0308	Non-Signi	Nazamuddin	14.74	75-100	Temp	Shop	
1013	Souria	10+800-10+900		Significant	Nazamuddin	28.35	75-100	Permanent	Shop	
1014	Souria	10+800-10+900	0.0104	Non-Signi	Shaikh Nazir	5.15	0-25	Temp	Shed	
1015	Souria	10+800-10+900	0.0104	Non-Signi	Md. Aslam	10.6	25-50	Temp	Shed	WHH
1016	Souria	10+900-11+000	0.0283	Non-Signi	Md Nasir Alam	4BW	75-100	Semi Perma	Boundary Wall	
1017	Souria	10+900-11+000	0.0214	Non-Signi	Perwez Alam					
1018	Souria	10+900-11+000	0.0049	Non-Signi	Sattar Khan (Rasid Khan)					
1019	Souria	11+000-11+100	0.0049	Non-Signi	Moiy Raquim Anwar	5.58	25-50	Temp	Shed	
1020	Souria	11+000-11+100	0.0049	Non-Signi	Sita Ram Sah	9.44	50-75	Temp	Shed	BPL
1021	Souria	11+000-11+100	0.0049	Non-Signi	Uday Kumar Arya	3.2	0-25	Temp	Shop	
1022	Souria	11+000-11+100	0.005	Non-Signi	Yaspal Kumar Arya	9.24	25-50	Permanent	House	
1023	Souria	11+600-11+700	0.0772	Non-Signi	Gulab Kewat					
1024	Souria	11+500-11+600	0.2483	Significant	Ram Kumari Devi	24.75	50-75	Temp	Shed	BPL
1025	Souria	11+700-11+800	0.1912	Significant	Ram Prasad Mahto					
1026	Souria	11+600-11+700	0.0773	Non-Signi	Ram Prasad Kewat					ST
1027	Souria	11+700-11+800	0.1513	Non-Signi	Sukhsen Mahto					
1028	Souria	11+700-11+800	0.0396	Non-Signi	Piru Soren					ST
1029	Souria	11+700-11+800	0.0396	Non-Signi	Arvind Kumar	15.08+20BW	0-25	Permanent	House	
1030	Souria	11+700-11+800	0.0398	Non-Signi	Sunita Devi (Arvind Kumar)					
1031	Souria	11+700-11+800	0.0398	Non-Signi	Satyamita					
1032	Souria	11+800-11+900	0.037	Non-Signi	Pramod Mahto	2.25+26BW	75-100	Permanent	Temple	BPL
1033	Souria(Sihla)	11+800-11+900	0.037	Non-Signi	Vishwanath Mahto ( Pramod Mahto)					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1034	Souria	11+800-11+900	0.0661	Non-Signi	Tablu Himran					ST
1035	Souria	11+900-12+000	0.0694	Non-Signi	Jagdish Kewat					BPL
1036	Souria	11+900-12+000	0.0694	Non-Signi	Subhan Soren					ST
1037	Ankhor (Janakpur)	12+00-12+100	0.0305	Non-Signi	Jetha Soren	12.78	50-75	Temp	House	ST
1038	Ankhor (Janakpur)	12+000-12+100	0.0305	Non-Signi	Gullu Soren					ST
1039	Ankhor (Janakpur)	12+000-12+100	0.0305	Non-Signi	Shyam Lal Soren					ST
1040	Ankhor (Janakpur)	12+000-12+100	0.0305	Non-Signi	Machchhu Soren					ST
1041	Ankhor	12+000-12+100	0.0324	Non-Signi	Shyam Lal Soren	5.88	75-100	Semi Perma	Temple	ST
1042	Ankhor	12+300-12+400	0.0089	Non-Signi	Subhan Soren	12.47	75-100	Semi Perma	Under Cons	ST
1043	Ankhor	12+300-12+400	0.0232	Non-Signi	Vikram Soren	5.28	25-50	Temp	House	ST
1044	Ankhor (Janakpur)	12+400-12+500	0.006	Non-Signi	Bengali Marandi	7.7	25-50	Semi Perma	House	ST
1045	Ankhor (Janakpur)	12+400-12+500	0.006	Non-Signi	Ram Chandra Poddar	4.94	50-75	Semi Perma	House	BPL
1046	Ankhor (Janakpur)	12+400-12+500	0.006	Non-Signi	Bijli Devi	9.44	25-50	Temp	House	WHH
1047	Ankhor (Janakpur)	12+400-12+500	0.0063	Non-Signi	Tallu Murmu (Kanta Lal Murmu)	14.44	25-50	Temp	House	ST
1048	Ankhor	12+400-12+500	0.0871	Non-Signi	Md Niushad Alam					
1049	Ankhor	12+600-12+700	0.137	Non-Signi	Md Jalil					
1050	Ankhor	12+600-12+700	0.026	Significant	Md Ishaq Mastan	2.25	75-100	Semi Perma	Toilet	Poor
1051	Ankhor (Janakpur)	12+600-12+700	0.0261	Significant	Md Mojahir					BPL
1052	Ankhor (Janakpur)	12+600-12+700	0.0333	Non-Signi	Kamal Ansari					
1053	Ankhor (Janakpur)	12+600-12+700	0.0333	Non-Signi	Jamal Ansari	15.75	75-100	Temp	House	BPL
1054	Ankhor (Janakpur)	12+600-12+700	0.0838	Significant	Sheikh Hafiz					BPL
1055	Ankhor (Janakpur)	12+600-12+700	0.0839	Non-Signi	Shaikh Fakeer Mohammad	4.48	0-25	Permanent	House	
1056	Ankhor (Janakpur)	12+700-12+800	0.0506	Non-Signi	Md Maqbul					
1057	Ankhor (Janakpur)	12+700-12+800	0.0506	Significant	Bibi Akhtaari Khatun	2.7	75-100	Semi Perma	Toilet	
1058	Ankhor (Janakpur)	12+700-12+800	0.3206	Significant	Anup Lal Sah	109.52	75-100	Semi Perma	Godown	
1059	Ankhor	12+700-12+800	0.5381	Significant	Ahmad Sultan Khan					BPL
1060	Hamsaili	13+000-13+100	0.1528	Significant	Md Hafiz Khan					
1061	Hamsaili	13+000-13+100	0.1039	Non-Signi	Iftekhar Ahmad					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1062	Hamsaili	12+900-13+000	0.0299	Non-Signi	Md. Tanweerul Quadri					BPL
1063	Hamsaili	12+900-13+000	0.0414	Non-Signi	Md Masadiq Khan	2.32	0-25	Temp	Pvt. Office	
1064	Hamsaili	13+100-13+200	0.0299	Non-Signi	Nand Lal Das					SC
1065	Hamsaili	13+100-13+200	0.0346	Non-Signi	Ajrul Khatun	2.3BW	75-100	Semi Perma	Boundary Wall	
1066	Hamsaili	12+900-13+000	0.0215	Non-Signi	Abdul Mannan	1.2BW	75-100	Semi Perma	Boundary Wall	
1067	Hamsaili	13+200-13+300	0.0463	Non-Signi	Md Jabbar Ansari					
1068	Hamsaili	13+300-13+400	0.0168	Non-Signi	Md. Sklain					
1069	Hamsaili	13+300-13+400	0.0083	Non-Signi	Sahira Khatun	8	75-100	Temp	House	
1070	Hamsaili	13+300-13+400	0.0029	Non-Signi	Kanti Devi					BPL
1071	Hamsaili	13+300-13+400	0.0054	Non-Signi	Mosmat Sulochna					
1072	Hamsaili	13+400-13+500	0.008	Non-Signi	Madho Prasad Bishwas					
1073	Hamsaili	13+400-13+500	0.0145	Non-Signi	Vidyanand Das	22.8	75-100	Temp	Shed	SC
1074	Bhamraili	13+500-13+600	0.0087	Non-Signi	Sharmila Verma					
1075	Bhamraili	13+700-13+800	0.0053	Non-Signi	Suman Kumar Verma	5.17	0-25	Permanent	House	
1076	Bhamraili	13+700-13+800	0.0053	Non-Signi	Niranjan Sharma					BPL
1077	Bhamraili	13+800-13+900	0.0086	Non-Signi	Pannu Sharma					
1078	Bhamraili	13+800-13+900	0.0086	Non-Signi	Domai Sharma					
1079	Bhamraili	13+800-13+900	0.0184	Non-Signi	Kamlu Sharma					
1080	Bhamraili	13+800-13+900	0.0185	Non-Signi	Baidhnath Sharma					WHH
1081	Bhamraili	13+800-13+900	0.0018	Non-Signi	Kamida Devi	18.98	50-75	Semi Perma	House	BPL
1082	Bhamraili	13+800-13+900	0.0018	Non-Signi	Vikash Kumar	7.82	25-50	Permanent	Shop	
1083	Bhamraili	13+800-13+900	0.0018	Non-Signi	Bhawani Devi	5.4	0-25	Permanent	Complex	BPL
1084	Bhamraili	13+900-14+000	0.1263	Non-Signi	Nirmal Biswas	3.36	25-50	Temp	Shed	BPL
1085	Bhamraili	13+900-14+000	0.0018	Non-Signi	Manoj Bishwas	3.36	25-50	Temp	Shed	ST
1086	Bhamraili	13+900-14+000	0.0018	Non-Signi	Pramod Poddar	3.24	0-25	Temp	Shed	
1087	Bhamraili	13+900-14+000	0.0019	Non-Signi	Murli Poddar	8.64	50-75	Permanent	Shop	
1088	Bhamraili	13+900-14+000	0.0019	Non-Signi	Champa Devi	3.24	0-25	Temp	Shed	BPL
1089	Bhamraili	13+900-14+000	0.0019	Non-Signi	Hakru Sharma	5.64	0-25	Semi Perma	Shop	

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1090	Bhamraili	13+900-14+000	0.0019	Non-Signi	Manoj Poddar	5.76	0-25	Semi Perma	Shop	BPL
1091	Bhamraili	13+900-14+000	0.0019	Non-Signi	Kanhaiya Kumar Viswas	4.68	0-25	Permanent	Shop	
1092	Bhamraili	14+000-14+100	0.0385	Non-Signi	Firoz Alam	7.77	0-25	Temp	Godown	
1093	Bhamraili	14+000-14+100	0.0299	Non-Signi	Md. Kausar Alam					
1094	Bhamraili	14+200-14+300	0.0109	Non-Signi	Ramanand Yadav					
1095	Bhamraili	14+400-14+500	0.1245	Non-Signi	Shekh Jagiruddin	25	75-100	Temp	House	WHH
1096	Bhamraili	14+400-14+500	0.1245	Non-Signi	Lukia Tuddu					ST
1097	Bhamraili	14+500-14+600	0.1245	Non-Signi	Baleshwar Kewat					
1098	Bhamraili	14+500-14+600	0.1273	Significant	Hullas Kewat	55.8	75-100	Permanent	House	
1099	Bhamraili(Jogla Tola)	14+600-14+700	0.0575	Significant	Meena Devi	10.5	75-100	Temp	Hut	WHH
1100	Bhamraili	14+600-14+700	0.0575	Significant	Ganesh Kewat	10	75-100	Temp	House	BPL
1101	Bhamraili	14+600-14+700	0.0575	Significant	Pulo Devi	25.38	75-100	Temp	House	SC
1102	Bhamraili	14+600-14+700	0.0575	Significant	Bhikari Kewat	34.85	75-100	Temp	House	
1103	Bhamraili	14+600-14+700	0.0298	Significant	Munna Kewat	6.72	75-100	Temp	Kitchen	BPL
1104	Bhamraili	14+600-14+700	0.0298	Significant	Bablu Kewat	9.8	75-100	Temp	Cattleshed	
1105	Bhamraili	14+600-14+700	0.0298	Significant	Barsatiya Devi					BPL
1106	Bhamraili	14+700-14+800	0.0298	Significant	Bechan Kewat	6.76	75-100	Temp	House	
1107	Bhamraili	14+700-14+800	0.0299	Non-Signi	Visheshwar Kewat	6.24	75-100	Semi Perma	Temple	
1108	Bhamraili	14+700-14+800		Significant	Visheshwar Kewat	41.76	75-100	Semi Perma	House	
1109	Bhamraili	14+700-14+800	0.0299	Significant	Hari Lal Kewat	48	75-100	Temp	House	BPL
1110	Bhamraili	14+700-14+800	0.0299	Non-Signi	Ganesh Kewat	11.97	0-25	Semi Perma	Under Cons	BPL
1111	Bhamraili	14+700-14+800	0.0299	Non-Signi	Pooran Kewat	11.2	75-100	Semi Perma	Shop	
1112	Bhamraili	14+700-14+800	0.0299	Significant	Shravan Kewat					Poor
1113	Bhamraili	14+700-14+800	0.101	Non-Signi	Hemant Kewat	45.99	75-100	Temp	Workshop	
1114	Bhamraili	14+700-14+800	0.0299	Non-Signi	Mohan Kewat					
1115	Bhamraili	14+800-14+900	0.0299	Non-Signi	Piru Kewat	10	75-100	Temp	Cattleshed	BPL
1116	Bhamraili	14+800-14+900	0.0299	Non-Signi	Ram Ratan Kewat	6.6	0-25	Permanent	House	
1117	Bhamraili(Jogla Tola)	14+800-14+900	0.0299	Non-Signi	Mirtunjay Kr Gupta					



S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1118	Bhamraili	14+800-14+900	0.0299	Non-Signi	Kangali Kewat					
1119	Bhamraili	14+900-15+000	0.6149	Non-Signi	Nagendra Jha					
1120	Bhamraili	15+100-15+200	0.1365	Non-Signi	Rama Kant Jha					
1121	Bhamraili	15+200-15+300	0.0284	Non-Signi	Jugal Kishore Sah					
1122	Bhamraili	15+200-15+300	0.0284	Non-Signi	Laxmi Sah					
1123	Bhamraili	15+200-15+300	0.0284	Non-Signi	Asha Devi					Poor
1124	Bhamraili	15+200-15+300	0.0284	Non-Signi	Fulo Devi					
1125	Bhamraili	15+200-15+300	0.0284	Non-Signi	Suma Devi					WHH
1126	Bhamraili	15+200-15+300	0.2866	Significant	Prabhakar Jha (Sudhakar Jha)					
1127	Ragheli	15+600-15+700	0.3556	Significant	Bhramanand Jha					
1128	Ragheli	15+600-15+700	0.3039	Significant	Kumod Ranjan Mishra	18.9+10BW	75-100	Semi Perma	Toilet	
1129	Ragheli	15+800-15+900	0.0532	Significant	Kamdev Jha	2.25	75-100	Temp	Kiosk	
1130	Ragheli	15+800-15+900	0.0245	Significant	Anmol Pathak	12.6	75-100	Temp	Shop	
1131	Ragheli	15+800-15+900	0.0138	Non-Signi	Nandan Pathak	40BW	75-100	Semi Perma	Boundary Wall	
1132	Ragheli	15+800-15+900	0.1731	Non-Signi	Ramakant Jha (Girakant Jha)					
1133	Ragheli	16+100-16+200	0.027	Non-Signi	Sudhir Kewat	61.75	75-100	Temp	Shop	WHH
1134	Ragheli	16+100-16+200	0.0567	Non-Signi	Dhaneshwar Kewat	4.2	75-100	Temp	Kiosk	BPL
1135	Ragheli	16+100-16+200	0.0297	Significant	Deepak Kumar Kewat	27.2	75-100	Semi Perma	Under Cons	PHH
1136	Vilahi Araj (Pipar Jon)	16+400-16+500	0.1116	Significant	Dinanath Shah (Shanti Murmu)	38.48	75-100	Temp	House	BPL
1137	Vilahi Araj	16+400-16+500	0.018	Significant	Vikash Murmu	8.16	75-100	Temp	Shop	ST
1138	Vilahi Araj	16+400-16+500	0.0178	Significant	Hupna Murmu	42.25	75-100	Permanent	House	ST
1139	Vilahi Araj	16+400-16+500	0.0178	Significant	Jasmin Hasda					ST
1140	Vilahi Araj	16+400-16+500	0.1128	Non-Signi	Jetha Soren	29.97	75-100	Permanent	Shop	ST
1141	Vilahi Araj	16+400-16+500	0.0116	Significant	Sanjay Soren	13.65	0-25	Permanent	House	ST
1142	Vilahi Araj	16+400-16+500	0.0216	Significant	Bittu Soren	63.63	75-100	Semi Perma	House	ST
1143	Vilahi Araj	16+400-16+500	0.0109	Significant	Tallu Marandi	13.5	75-100	Temp	House	ST
1144	Vilahi Araj	16+400-16+500	0.0107	Significant	Talamav Tuddu	29.76	50-75	Temp	House	ST
1145	Vilahi Araj	16+400-16+500	0.0226	Non-Signi	Sudama Prasad Thakur	22.5	25-50	Semi Perma	House	ST

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1146	Vilahi Araj	16+500-16+600	0.0224	Non-Signi	Tetra Devi					
1147	Vilahi Araj	16+500-16+600	0.0209	Significant	Karan Lal Soren	37.62	50-75	Permanent	House	ST
1148	Vilahi Araj	16+600-16+700	0.028	Non-Signi	Rajendra Poddar	45.14	75-100	Temp	Shop	
1149	Vilahi Araj	16+600-16+700	0.3655	Non-Signi	Naresh Kr Poddar	28.7	50-75	Temp	Shop	
1150	Vilahi Araj	16+600-16+700	0.0226	Significant	Sanjukta Devi	10.36	75-100	Temp	House	WHH
1151	Vilahi Araj	16+900-17+000	0.007	Non-Signi	Tika Ram Nath					BPL
1152	Vilahi Araj	16+900-17+000	0.0067	Non-Signi	Divakar Kumar Das					SC
1153	Vilahi Araj	16+900-17+000	0.0067	Non-Signi	Keshav Kumar Das					SC
1154	Vilahi Araj	16+900-17+000	0.0067	Non-Signi	Anil Kr Mandal	7.28	25-50	Temp	Flour Mill	BPL
1155	Vilahi Araj	16+900-17+000	0.0067	Non-Signi	Yogendra Prasad Das					
1156	Vilahi Araj	17+000-17+100	0.01	Non-Signi	Subodh Prasad Mandal					
1157	Vilahi Araj	17+000-17+100	0.019	Non-Signi	Mahendra Prasad Mandal					WHH
1158	Vilahi Araj	17+100-17+200	0.0038	Non-Signi	Vishvanath Poddar					
1159	Vilahi Araj	17+100-17+200	0.0056	Non-Signi	Sudhir Lal Poddar	6.4	0-25	Temp	Flour Mill	
1160	Vilahi Araj	17+100-17+200	0.0214	Non-Signi	Tara Devi	31.6	75-100	Semi Perma	Shed	
1161	Vilahi Araj	17+100-17+200	0.0018	Non-Signi	Lakhan Lal Mandal					
1162	Vilahi Araj	17+400-17+500	0.0466	Non-Signi	Raghuv	12.1+10.5BW	0-25	Permanent	40	
1163	Vilahi Araj	17+500-17+600	0.0467	Non-Signi	Ful Kr Poddar					
1164	Vilahi Araj	17+600-17+700	0.0377	Significant	Neeraj Kumar	90.3	75-100	Temp	Shop	
1165	Vilahi Araj	17+600-17+700	0.0377	Significant	Tetri Devi					
1166	Vilahi Araj	17+600-17+700	0.1422	Non-Signi	Ashok Kumar Mandal					
1167	Vilahi Araj	17+600-17+700	0.1419	Significant	Deepak Kr Mandal					
1168	Vilahi Araj	17+600-17+700	0.142	Non-Signi	Suman Kumar					
1169	Vilahi Araj	17+600-17+700	0.0402	Non-Signi	Salkho					
1170	Vilahi Araj	17+700-17+800	0.0601	Non-Signi	Lakshmi Narayan Das					
1171	Vilahi Araj	17+700-17+800	0.0934	Non-Signi	Awadhesh Kumar	30	75-100	Temp	House	BPL
1172	Vilahi Araj	17+800-17+900	0.0263	Non-Signi	Rohit Kumar Mandal					
1173	Vilahi Araj	18+000-18+100	0.0571	Non-Signi	Moti Sharma					BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1174	Jelas (Tilas)	14+700-14+800	0.0188	Non-Signi	Surman Kr Poddar					
1175	Jelas (Tilas)	14+700-14+800	0.0188	Non-Signi	Subodh Mandal	26.66	75-100	Temp	House	BPL
1176	Jelas (Tilas)	17+800-17+900	0.0188	Non-Signi	Bhola Sharma	21	75-100	Semi Perma	Cattleshed	BPL
1177	Jelas (Tilas)	17+800-17+900	0.0189	Non-Signi	Manimohan Sharma	4	75-100	Temp	Kiosk	BPL
1178	Jelas (Tilas)	17+800-17+900	0.3012	Significant	Rekha Devi	33.8	75-100	Temp	House	
1179	Nijhra	18+100-18+147	0.2303	Non-Signi	Kamal Kr Poddar					
1180	Nijhra	17+750-17+800	0.3303	Significant	Reshmi Banka					
1181	Nijhra	17+800-17+900	0.1619	Significant	Sandeep Kr Dokaniya					
1182	Nijhra	17+800-17+900	0.0471	Non-Signi	Pradeep Kr Poddar					
1183	Nijhra	18+000-18+100	0.2043	Significant	Umesh Mahto	20.8	75-100	Temp	Cattleshed	Poor
1184	Nijhra	18+100-18+200	0.0032	Non-Signi	Suresh Mahto					BPL
1185	Nijhra	18+100-18+200	0.0033	Non-Signi	Naresh Mahto					BPL
1186	Nijhra	18+100-18+200	0.0033	Non-Signi	Nitu Kumari					
1187	Nijhra	18+100-18+200	0.0033	Non-Signi	Rama Shish Mahto					
1188	Nijhra	18+100-18+200	0.0065	Non-Signi	Ram Balihari Mahto					
1189	Nijhra	18+100-18+200	0.0063	Non-Signi	Ram Binay Mahto	14+4.6BW	75-100	Temp	House	BPL
1190	Nijhra	18+200-18+300	0.0063	Non-Signi	Siya Ram Mahto	26.4	75-100	Semi Perma	House	BPL
1191	Nijhra	18+200-18+300	0.0063	Non-Signi	Sita Ram Mahto	31.2	50-75	Semi Perma	House	BPL
1192	Nijhra	18+200-18+300	0.0033	Non-Signi	Savitri Mosmat	22	25-50	Temp	House	BPL
1193	Nijhra	18+200-18+300	0.0033	Non-Signi	Mosmat Phoolo	5.28	75-100	Temp	Shop	SC
1194	Nijhra	18+200-18+300	0.0015	Non-Signi	Bisheshwar Das	25.2	75-100	Temp	Cattleshed	SC
1195	Nijhra	18+300-18+400	0.1115	Significant	Nandev Das	75.44	25-50	Permanent	Resi+Com	SC
1196	Nijhra	18+400-18+500	0.1316	Significant	Hiralal Das ,Shivam Punjabi(Lobin Kumar Das)					SC
1197	Nijhra	18+400-18+500	0.1231	Significant	Sri Sankar Prasad Das					SC
1198	Nijhra	18+400-18+500	0.1391	Non-Signi	Darogi Das					SC
1199	Nijhra	18+400-18+500	0.7066	Significant	Vibhas Kumar Bishwas					WHH
1200	Nijhra	18+500-18+600	0.1661	Non-Signi	Bhupendra Nath Thakur					
1201	Nijhura	18+600-18+700	0.2175	Significant	Ram Narayan Das					SC

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1202	Nijhura	18+600-18+700	0.0891	Non-Signi	Ashok Biswas					
1203	Nijhura	18+600-18+700	0.6296	Significant	Jay Prakash Bishwas					
1204	Nijhura	18+600-18+700	0.1964	Non-Signi	Sawita Devi					
1205	Nijhura	18+700-18+800	0.1741	Significant	Pankaj Kumar Sah					
1206	Nijhura	18+700-18+800	0.1741	Significant	Sanjay Kumar Sah					BPL
1207	Nijhura	18+800-18+900	0.1634	Significant	Akahi Sah (Parshu Ram Sah)					BPL
1208	Nijhura	18+800-18+900	0.1632	Non-Signi	Sundar Lal Sah					
1209	Nijhura	18+800-18+900	0.1632	Non-Signi	Mahesh Kumar Sah					BPL
1210	Nijhura	18+900-19+000	0.3803	Significant	Sundar Prasad Vishwas					BPL
1211	Nijhura	18+900-19+000	0.2875	Significant	Sheela Devi					WHH
1212	Nijhura	18+900-19+000	0.5783	Significant	Pramod Kumar Viswas					
1213	Nijhura	19+000-19+100	0.1755	Significant	Satyanayaran Prasad Mandal					
1214	Nijhura	19+000-19+100	0.4652	Non-Signi	Kirpanand Mandal					BPL
1215	Nijhura	19+200-19+300	0.4478	Significant	Prince Kumar Bishwas Rocky Kumar Bishwas					WHH
1216	Nijhura	19+200-19+300	0.4581	Non-Signi	Shashi Kumar Bishwas					
1217	Nijhura	19+200-19+300	0.2199	Significant	Ram Dev Rajak					SC
1218	Nijhura	19+200-19+300	0.2198	Significant	Jaiprakash Rajak					SC
1219	Nijhura	19+300-19+400	0.0861	Non-Signi	Binod Bishwas					
1220	Nijhura	19+300-19+400	0.0597	Significant	Rajeev Kumar Rajak					SC
1221	Nijhura	19+300-19+400	0.0597	Non-Signi	Sajan Kumar Rajak					SC
1222	Nijhura	19+400-19+500	0.317	Non-Signi	Baijnath Yadav					BPL
1223	Nijhura	19+400-19+500	0.4874	Non-Signi	Gajanand Jha / Vijay Narayan Jha					WHH
1224	Nijhura	19+600-19+700	0.9461	Significant	Jagtarni Devi					
1225	Nijhura	19+600-19+700	0.0174	Non-Signi	Bhagwati Devi					BPL
1226	Nijhura	19+600-19+700	0.0174	Non-Signi	Madan Lal Thakur					BPL
1227	Nijhura	19+700-19+800	0.511	Non-Signi	Gajanand Jha					WHH
1228	Nijhura	19+700-19+800	0.0244	Non-Signi	Tara Devi					SC
1229	Pothi	19+700-19+800	0.0311	Non-Signi	Lalan Kumar Sah					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1230	Pothi	19+800-19+900	0.0402	Non-Signi	Manorandana Kumari					WHH
1231	Pothi	19+800-19+900	0.5894	Non-Signi	Subhash Chandra Kldas					BPL
1232	Pothi	19+900-20+000	0.1174	Non-Signi	Parmanand Ghos					
1233	Pothi	20+000-20+100	1.1008	Significant	Sushmita Kundu					
1234	Pothi	20+000-20+100	0.0586	Non-Signi	Malti Devi					
1235	Pothi (Pothiya)	20+100-20+200	0.3802	Non-Signi	Mitthu Kumar Yadav					
1236	Pothi (Pothiya)	20+200-20+300	0.507	Significant	Hathura Prasad Singh (Bharat Lal Singh)					
1237	Pothi	20+400-20+500	1.0489	Significant	Chndana Devi					
1238	Pothi	20+400-20+500	0.3893	Non-Signi	Krishna Kr Singh					
1239	Pothi	20+500-20+600	0.6259	Significant	Gautam Kr Singh					
1240	Pothi	20+500-20+600	0.4919	Significant	Rishi Kumar Singh					
1241	Pothi	20+500-20+600	1.8331	Significant	Shila Singh (Jitendra Kr. Singh)					
1242	Pelagor	20+800-20+900	0.1996	Significant	Bipin Kr. Singh					BPL
1243	Pelagor	20+800-20+900	0.1996	Significant	Sadanand Mandal	78.81	75-100	Semi Perma	House	BPL
1244	Pelagor (Pahlagarh)	20+800-20+900	0.1996	Significant	Navin Kumar Singh					
1245	Pelagor (Pothi Colony)	20+800-20+900	0.1998	Non-Signi	Manohar Kumar Singh					
1246	Pelagor (Pahlagarh)	20+900-21+000	2.2098	Significant	Shailwala Devi					
1247	Pelagor (Pahlagarh)	21+100-21+200	0.5225	Significant	Rakesh Kumar Singh					
1248	Pelagor	21+200-21+300	0.2947	Significant	Sanjay Agarwal	69.3	75-100	Permanent	Dharmkanta	
1249	Pelagor (Pahlagarh)	21+300-21+400	0.4982	Significant	Rakesh Kumar Singh					
1250	Pelagor (Pahlagarh)	21+400-21+500	0.796	Non-Signi	Yamini Devi					
1251	Pelagor (Pahlagarh)	21+400-21+500	0.5065	Significant	Lakshmi Kant Singh					
1252	Pelagor (Pahlagarh)	21+500-21+600	0.61911	Significant	Geeta Devi					
1253	Pelagor	21+500-21+600	0.1959	Non-Signi	Dulali Devi					WHH
1254	Pelagor	21+600-21+700	0.4711	Significant	Shiv Shankar Singh					
1255	Pelagor	21+600-21+700	0.369	Significant	Durga Devi					
1256	Pelagor (Pahlagarh)	21+600-21+700	0.369	Significant	Vimal Kumar Singh					
1257	Pelagor	21+700-21+800	0.6285	Non-Signi	Rina Singh					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1258	Pelagor	21+700-21+800	0.1066	Non-Signi	Harjit Kumar Singh					
1259	Pelagor (Pahlagarh)	21+800-21+900	0.7591	Significant	Malti Devi					
1260	Pelagor	21+900-22+000	0.0022	Non-Signi	Sharvan Kumar Singh					
1261	Pelagor (Pahlagarh)	22+000-22+100	0.5261	Non-Signi	Gautam Kumar / Vikram Kumar Singh					
1262	Pelagor	22+000-22+100	0.1958	Non-Signi	Gautam Kr Singh					
1263	Pelagor	22+000-22+100	0.1287	Significant	Jitendra Kumar Singh					
1264	Pelagor	22+000-22+100	0.1287	Significant	Arvind Kumar					BPL
1265	Pelagor	22+100-22+200	0.1779	Non-Signi	Saroj Kumar Singh					WHH
1266	Pelagor	22+200-22+300	0.4206	Non-Signi	Anita Devi					
1267	Pelagor	22+200-22+300	0.5336	Significant	Sarla Devi					
1268	Pelagor	22+200-22+300	0.1838	Non-Signi	Baidyanath Prasad Singh					
1269	Pelagor	22+200-22+300	0.0499	Non-Signi	Rubi Singh					WHH
1270	Pelagor	22+300-22+400	0.1583	Significant	Md Ibrahim					
1271	Pelagor (Pahlagarh)	22+300-22+400	0.1584	Significant	Mainool Hak					
1272	Pelagor (Pahlagarh)	22+400-22+500	0.2425	Non-Signi	Md Umar Ali					
1273	Pelagor	22+600-22+700	0.1759	Non-Signi	Md Kadir					BPL
1274	Pelagor	22+700-33+800	0.2767	Significant	Md Naim Uddin					
1275	Pelagor	22+700-22+900	0.2769	Significant	Abul Kalam Azad					
1276	Pelagor	22+800-22+900	0.7325	Significant	Arshad Ali					
1277	Pelagor	22+900-23+000	0.151	Non-Signi	Jalal Uddain					
1278	Pelagor	22+900-23+000	0.1511	Significant	Sawaruddin					
1279	Pelagor	22+900-23+000	0.1645	Significant	Bibi Jhahanoor					
1280	Harda	22+600-22+700	0.125	Non-Signi	Hd. Mustaque					
1281	Harda	23+000-23+100	0.0277	Non-Signi	Pawan Kumar Singh					
1282	Harda	23+000-23+100	0.0277	Non-Signi	Md. Khurshid Alam	5.5	25-50	Permanent	Resi+Com	
1283	Harda	23+000-23+100	0.0277	Non-Signi	Md Barik					
1284	Harda	23+000-23+100	0.0277	Non-Signi	Md. Immajuddin					
1285	Harda	23+000-23+100	0.0277	Non-Signi	Md. Bablu (Mehboob Alam)					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1286	Harda	23+000-23+100	0.0277	Non-Signi	Md. Rohak Ali	20BW	75-100	Semi Perma	Boundary Wall	
1287	Harda	23+000-23+100	0.0278	Significant	Md. Afzal Hussain					
1288	Harda	23+000-23+100	0.2247	Non-Signi	Afsar Ali					
1289	Harda	23+100-23+100	0.0682	Significant	Latifa Khatoon					BPL
1290	Harda	23+100-23+200	0.0683	Significant	Tahajuddin					BPL
1291	Harda	23+200-23+300	0.0537	Significant	Md. Jamirul					
1292	Harda	23+200-23+300	0.0537	Significant	Md. Mohiuddin					WHH
1293	Harda	23+200-23+400	0.0986	Non-Signi	Kruna Devi	8.64	75-100	Temp	Shop	SC
1294	Bijuhar	23+300-23+400	0.0499	Non-Signi	Bhajan Parsad Yadav					BPL
1295	Bijuhar	23+300-23+400	0.1971	Significant	Rajkumar Yadav	24.05	25-50	Temp	Godown	
1296	Bijuhar	23+300-23+400	0.1971	Non-Signi	Manoj Kumar Yadav	63.18	50-75	Semi Perma	Godown	BPL
1297	Bijuhar	23+300-23+400	0.1474	Significant	Benod Kumar Yadav					
1298	Bijuhar	23+400-23+500	0.6287	Significant	Mahendra Kumar Singh					
1299	Bijuhar	23+400-23+500	0.6287	Significant	Sushil Kumar Singh					
1300	Bijuhar	23+600-23+700	0.1963	Non-Signi	Kiran Devi	28.52	75-100	Temp	Small Eatery	
1301	Bijuhar	23+700-23+800	0.1013	Non-Signi	Rakesh Kumar Anand					
1302	Bijuhar	23+700-23+800	0.0136	Non-Signi	Md. Hakim					
1303	Bijuhar	23+700-23+800	0.0136	Non-Signi	Manohar Kumar Singh					WHH
1304	Bijuhar	23+800-23+900	0.1999	Non-Signi	Rakesh Kumar Singh					
1305	Bijuhar	23+800-23+900	0.1998	Significant	Avinash Kumar Singh					
1306	Bijuhar	23+900-24+000	0.0313	Non-Signi	Binod Sah	29.82	75-100	Temp	Small Eatery	BPL
1307	Bijuhar	23+900-24+000	0.031	Significant	Chote Lal Das					SC
1308	Bijuhar	23+900-24+000	0.031	Non-Signi	Nutan Singh					
1309	Bijuhar	23+900-24+000	0.1215	Significant	Tuntun Das	19.2	75-100	Temp	Hut	
1310	Bijuhar	23+900-24+000	0.031	Significant	Bisheswasher Das (Rabindra Das)	54.52	75-100	Semi Perma	Under Cons	SC
1311	Bijuhar	23+900-24+000	0.031	Non-Signi	Rabindra Das	50.84	75-100	Semi Perma	Resi+Com	SC
1312	Bijuhar	23+900-24+000	0.0385	Significant	Savita Devi (Jager Nath Sah )					BPL
1313	Bijuhar	23+900-24+100	0.0635	Significant	Manoj Kumar Sah ( Pankaj Kumar Sah)	42.75	75-100	Semi Perma	Shop	

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1314	Bijuhar	23+900-24+000	0.0384	Significant	Madendra Das	20.24	75-100	Semi Perma	House	SC
1315	Bijuhar	23+900-24+000	0.0384	Non-Signi	Gita Devi	25.2	75-100	Semi Perma	Shop	BPL
1316	Bijuhar	23+900-24+000	0.0592	Significant	Sharda Devi					WHH
1317	Bijuhar	24+000-24+100	0.0207	Non-Signi	Tara Devo					WHH
1318	Bijuhar	24+000-24+100	0.0207	Non-Signi	Amit Kumar Shah					
1319	Bijuhar	24+000-24+100	0.0162	Non-Signi	Ankita Kumari					
1320	Bijuhar	24+000-24+100	0.0	Non-Signi	Chhotu Das					SC
1321	Bijuhar	24+000-24+100	0.01	Non-Signi	Subol Kumar Singh					
1322	Bijuhar	24+000-24+100	0.01	Non-Signi	Futtu Das					SC
1323	Bijuhar	24+000-24+100	0.01	Non-Signi	Sadam Das					SC
1324	Bijuhar	24+000-24+100	0.01	Non-Signi	Vidyanand Das					SC
1325	Bijuhar	24+000-24+100	0.01	Non-Signi	Sadanand Das					SC
1326	Bijuhar	24+000-24+100	0.01	Non-Signi	Ram Lal Sharma					
1327	Bijuhar	24+000-24+100	0.01	Non-Signi	Naval Sharma					
1328	Bijuhar	24+000-24+100	0.01	Non-Signi	Radha Devi					SC
1329	Bijuhar	24+000-24+100	0.01	Non-Signi	Rajesh Ravi Das					SC
1330	Bijuhar	24+000-24+100	0.0249	Non-Signi	Ketu Sharma					WHH
1331	Bijuhar	24+100-24+200	0.0249	Non-Signi	Bhado Devi					SC
1332	Bijuhar	24+100-24+200	0.0249	Non-Signi	Rupesh Kumar Singh					
1333	Bijuhar	24+100-24+200	0.0249	Significant	Renu Devi					SC
1334	Bijuhar	24+100-24+200	0.0249	Significant	Bishwnath Das	8.6+24BW	75-100	Temp	Hut	SC
1335	Bijuhar	24+100-24+200	0.0249	Non-Signi	Sanjay Sah					
1336	Bijuhar	24+100-24+200	0.2082	Non-Signi	Ganesh Kr Singh					WHH
1337	Bijuhar	24+100-24+200	0.0904	Significant	Chandhar Das	27.3	75-100	Temp	House	SC
1338	Bijuhar	24+000-24+100	0.1004	Significant	Khudia Devi	40	75-100	Temp	House	SC
1339	Bijuhar	24+200-24+300	0.0904	Significant	Ramu Das					SC
1340	Bijuhar	24+200-24+300	0.0904	Significant	Ganga Das					SC
1341	Bijuhar	24+200-24+300	0.0789	Non-Signi	Guru Charam	55	75-100	Permanent	Under Cons	SC



S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1342	Bijuhar	24+200-24+300	0.0789	Significant	Santosh Das	55	75-100	Permanent	Under Cons	SC
1343	Bijuhar	24+300-24+400	0.1816	Significant	Tara Devi					BPL
1344	Bijuhar	24+700-24+800	0.8155	Significant	Gobardhan Prasad Bubna					WHH
1345	Bijuhar	24+700-24+800	0.0266	Non-Signi	Bhato Das					SC
1346	Bijuhar	24+800-24+900	0.242	Significant	Anamika Singh					
1347	Bijuhar	24+800-24+900	0.4054	Significant	Baldev Singh					
1348	Bijuhar	24+800-24+900	0.2119	Significant	Anirud Das					SC
1349	Bijuhar	25+000-25+100	0.0182	Non-Signi	Md. Wazir					WHH
1350	Bijuhar	25+100-25+200	0.0183	Non-Signi	Abdul Malik	54.4	75-100	Semi Perma	House	
1351	Bijuhar	25+000-25+100	0.0183	Non-Signi	Aenul Haq					BPL
1352	Bijuhar	25+000-25+100	0.0183	Non-Signi	Jahan Ara					
1353	Bijuhar	25+000-25+100	0.0183	Non-Signi	Md. Mojibur Rahman					Poor
1354	Bijuhar	25+000-25+100	0.0183	Non-Signi	Md. Samed					BPL
1355	Bijuhar	25+100-25+200	0.0779	Non-Signi	Md. Habib					WHH
1356	Bijuhar	25+100-25+200	0.0799	Non-Signi	Jimrun Nisha					BPL
1357	Bijuhar	25+000-25+100	0.078	Significant	Rajiv Ranjan					
1358	Bijuhar	25+000-25+100	0.078	Significant	Sujeet Kumar Singh					
1359	Bijuhar	25+100-25+200	0.0944	Non-Signi	Gumani					
1360	Bijuhar	25+000-25+100	0.078	Significant	Md. Manarul					
1361	Bijuhar	25+100-25+200	0.0779	Significant	Md. Ruhuz	34.72	75-100	Temp	House	
1362	Bijuhar	25+000-25+100	0.0779	Significant	Saedour Rahman	37.26	75-100	Temp	House	
1363	Bijuhar	25+000-25+000	0.1577	Significant	Mehen Nigar Khatoon	5.94	0-25	Temp	House	BPL
1364	Maniknagar	25+300-25+400	0.126	Non-Signi	Indarjeet Kr Kewat					
1365	Maniknagar	25+400-25+500	0.4225	Non-Signi	Sampuranand Ray					
1366	Maniknagar	25+500-25+600	0.3826	Significant	Vujaykant Jha					
1367	Maniknagar	25+500-25+600	0.0042	Non-Signi	Nirmal Mandal					PHH
1368	Maniknagar(Airahana)	25+500-25+600	0.0043	Non-Signi	Bijili Sharma					BPL
1369	Maniknagar	25+500-25+600	0.0251	Non-Signi	Dropati Devi					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1370	Maniknagar	25+600-25+700	0.0398	Significant	Anant Lal Kawat					BPL
1371	Maniknagar	25+600-25+700	0.0398	Significant	Ghyahi Devi					BPL
1372	Maniknagar	25+600-25+700	0.0399	Non-Signi	Masomat Marnee					
1373	Maniknagar	25+600-25+700	0.1658	Significant	Jageshwar Tatma					
1374	Maniknagar	25+700-25+800	0.0055	Non-Signi	Lilawati Devi ( Rajesh Kumar Keat)					
1375	Maniknagar	25+700-25+800	0.2052	Significant	Chaitu Kewat					
1376	Maniknagar	25+700-25+800	0.2093	Significant	Manoj Kumar Kewat					WHH
1377	Maniknagar	25+700-25+800	0.1696	Non-Signi	Suresh Kewat`					BPL
1378	Maniknagar	25+900-26+000	0.1139	Significant	Badleshwar Kewat					
1379	Maniknagar	25+900-26+000	0.1139	Significant	Jhuniya Devi					WHH
1380	Maniknagar	25+900-26+000	0.1139	Significant	Mangal Kewat					
1381	Maniknagar	25+900-26+000	0.1139	Significant	Rajesh Kr Kewat					
1382	Maniknagar	25+900-26+000	0.1139	Significant	Raj Kr Kewat					
1383	Maniknagar	25+900-26+000	0.1139	Non-Signi	Sanay Kumar Kewat					WHH
1384	Maniknagar	26+100-26+200	0.2444	Significant	Krishna Nand Ray					
1385	Maniknagar	26+200-26+300	0.2292	Significant	Vivekanand Rai					
1386	Maniknagar	26+300-26+400	0.134	Significant	Vidhya Nand Ray					
1387	Maniknagar	26+300-26+400	0.1228	Significant	Viplav Kumar					
1388	Maniknagar	26+300-26+400	0.1229	Significant	Kanhaiya Kr Kewat					
1389	Gothaila	26+500-26+600	0.142	Significant	Goutum Kumar Mandal					
1390	Gothaila	26+500-26+600	0.019	Non-Signi	Utam Kumar Mandal					
1391	Gothaila(Maniknagar)	26+600-26+700	0.1576	Non-Signi	Naksharta Mandal	24.96	0-25	Semi Perma	Resi+Com	
1392	Gothaila(Maniknagar)	26+600-26+700	0.3483	Non-Signi	Pradip Kr Mandal	8.36	25-50	Temp	Shop	
1393	Gothaila	26+700-26+800	0.031	Non-Signi	Ramu Mandal					Poor
1394	Gothaila	26+700-26+800	0.031	Non-Signi	Chandan Devi					
1395	Gothaila	26+700-26+800	0.0172	Non-Signi	Bimal Mandal					
1396	Gothaila	26+700-26+800	0.0156	Non-Signi	Sivnandan Mondal	50.37	75-100	Semi Perma	House	BPL
1397	Gothaila	26+700-26+800	0.0172	Non-Signi	Gopal Mandal					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1398	Gothaila	26+700-26+800	0.0172	Non-Signi	Sharwan Kumar Mandal					
1399	Gothaila	26+700-26+800	0.0172	Non-Signi	Dhiren Mondal	26.32	75-100	Semi Perma	House	BPL
1400	Gothaila	26+700-26+800	0.0156	Non-Signi	Rukmi Devi	6.25	75-100	Temp	Shop	Poor
1401	Gothaila	26+700-26+800	0.0156	Non-Signi	Suman Kumar					WHH
1402	Gothaila	26+700-26+800	0.0173	Non-Signi	Akhilesh Mandal	20.65	25-50	Temp	House	BPL
1403	Gothaila	26+900-27+000	0.0417	Significant	Pabani Devi	2.7	75-100	Temp	Kiosk	WHH
1404	Gothaila	26+900-27+000	0.0417	Significant	Lukhai Mandal	3.2	25-50	Temp	Kitchen	
1405	Gothaila	26+400-26+500	0.0419	Significant	Hira Lal Mandal	8.1	75-100	Temp	Cattleshed	BPL
1406	Gothaila	26+900-27+000	0.0417	Significant	Dhira Mandal					
1407	Gothaila	26+900-27+000	0.0417	Significant	Bablu Kr Mondal	19.2	75-100	Permanent	Shop	
1408	Gothaila	27+000-27+100	0.0816	Significant	Lalu Prasad Mandal	29.75	75-100	Temp	House	
1409	Gothaila	27+000-27+100	0.0817	Significant	Binod Kumar Mandal	59.16	75-100	Semi Perma	House	BPL
1410	Gothaila	27+000-27+100	0.0817	Significant	Darogi Mandal	70.15	75-100	Permanent	House	WHH
1411	Gothaila	27+000-27+100	0.007	Significant	Budhan Ravi Das	17	75-100	Semi Perma	Under Cons	
1412	Gothaila	27+000-27+100	0.0071	Significant	Shamblau Ravi Das	38.08	75-100	Permanent	House	SC
1413	Gothaila	27+100-27+200	0.0359	Significant	Radhe Mandal					
1414	Gothaila	27+100-27+200	0.0545	Non-Signi	Sudhiya Devi					
1415	Gothaila	27+100-27+200	0.0544	Significant	Rakesh Kr Mondal					
1416	Gothaila	27+100-27+200	0.0544	Non-Signi	Khedu Mondal					BPL
1417	Gothaila	27+100-27+200	0.0544	Non-Signi	Radhe Mandal					BPL
1418	Gothaila	27+100-27+200	0.162	Significant	Deepak Kr Mondal	38.5	75-100	Temp	Study Centre	BPL
1419	Gothaila	27+100-27+200	0.2219	Non-Signi	Surya Narayan Mandal					
1420	Gothaila	27+100-27+200	0.1619	Significant	Dilip Kr Mondal					WHH
1421	Gothaila	27+200-27+300	0.1251	Non-Signi	Ganesh Parsad Mondal					
1422	Gothaila	27+300-27+400	0.06	Non-Signi	Gouri Shankar Mandal					BPL
1423	Gothaila	27+400-27+500	0.0149	Non-Signi	Sachin Kumar Singh					
1424	Gothaila	27+400-27+500	0.0149	Non-Signi	Rohit Kumar Singh					
1425	Gothaila	27+400-27+500	0.0249	Non-Signi	Pano Devi					BPL

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1426	Gothaila	27+400-27+500	0.1064	Non-Signi	Bablu Yadav	8	75-100	Semi Perma	Shed	BPL
1427	Gothaila	27+400-27+500	0.0149	Significant	Shukh Dev Yadav	15.9	25-50	Temp	House	BPL
1428	Gothaila	27+400-27+500	0.0149	Significant	Gurudev Yadav	10.5	25-50	Temp	House	BPL
1429	Gothaila	27+500-27+600	0.0149	Significant	Babu Lal Kumar	15	25-50	Permanent	House	BPL
1430	Gothaila	27+600-27+700	0.2003	Significant	Kailash Mondal					
1431	Gothaila	27+700-27+800	0.0657	Non-Signi	Klanand Ray					SC
1432	Gothaila	27+700-27+800	0.0581	Significant	Vijay Kumar Sah					WHH
1433	Gothaila	27+700-27+800	0.0581	Significant	Dhurni Devi					SC
1434	Gothaila	27+800-27+900	0.0582	Significant	Manoj Rai					SC
1435	Gothaila	27+700-27-800	0.0581	Significant	Madhu Sudhan Roy					SC
1436	Gothaila	27+800-27+900	0.057	Non-Signi	Truveni Shah	116.48	75-100	Permanent	House	
1437	Gothaila	27+800-27+900	0.057	Non-Signi	Pankaj Kumar Sah	25.76	75-100	Semi Perma	House	
1438	Gothaila	27+800-27+900	0.4008	Non-Signi	Parbhu Biswas	29.14	75-100	Semi Perma	House	ST
1439	Gothaila	27+600-27+700	0.0836	Non-Signi	Dipak Kumar Mistri	23.45	75-100	Semi Perma	Shop	
1440	Gothaila	27+800-27+900	0.0401	Non-Signi	Rama Nand Thakur	11.84	75-100	Semi Perma	Shop	
1441	Gothaila	27+800-27+900	0.0401	Non-Signi	Bikesh Thakur	16	75-100	Temp	Shop	WHH
1442	Gothaila	27+700-27+800	0.057	Non-Signi	Mandvi Devi					PHH
1443	Gothaila	27+800-27+900	0.0402	Significant	Suman Thakur	8.84	25-50	Temp	Shop	
1444	Teghra	39+700-39-800	0.0074	Non-Signi	Md Zuber Alam					
1445	Teghra	39+700-39+800	0.0074	Non-Signi	Asgar					
1446	Teghra	39+700-39+800	0.0074	Non-Signi	Md Anwar					
1447	Teghra	39+800-39+000	0.0032	Non-Signi	Md Jubair Alam					
1448	Teghra	39+800-39+000	0.0032	Non-Signi	Md Jubair Alam					
1449	Teghra	39+800-39+000	0.0032	Non-Signi	Md Shahabuddin					BPL
1450	Teghra	39+800-39+000	0.0032	Non-Signi	Asgari Khatoon					WHH
1451	Teghra	39+800-39+000	0.0032	Non-Signi	Saddiq					
1452	Teghra	39+800-39+000	0.0032	Non-Signi	Md Saukhat					BPL
1453	Teghra	39+800-39+000	0.0032	Non-Signi	Jamshed					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1454	Teghra	39+800-39+000	0.0032	Non-Signi	Mawshad					
1455	Mukuria (Narayanpur)	39+900-40+000	0.0033	Non-Signi	Md Kakhtar					
1456	Mukuria (Narayanpur)	39+900-40+000	0.0033	Non-Signi	Md Sakir					PHH
1457	Mukuria (Narayanpur)	39+900-40+000	0.0059	Non-Signi	Md Ibtahim	8.58	75-100	Temp	Shop	
1458	Mukuria (Narayanpur)	39+900-40+000	0.0059	Non-Signi	Md Yasin					BPL
1459	Mukuria (Narayanpur)	39+900-40+000	0.0059	Non-Signi	Dhanula	24	75-100	Temp	Workshop	BPL
1460	Mukuria (Narayanpur)	39+900-40+000	0.006	Non-Signi	Md Juber	9.2	25-50	Semi Perma	Shop	
1461	Mukuria (Narayanpur)	39+900-40+000	0.0102	Non-Signi	Nur Alam					Poor
1462	Mukuria (Narayanpur)	39+900-40+000	0.0061	Non-Signi	Md Islam					
1463	Mukuria (Narayanpur)	39+900-40+000	0.0061	Non-Signi	Budhara					PHH
1464	Mukuria (Narayanpur)	39+900-40+000	0.0061	Non-Signi	Samrul Hak					Poor
1465	Mukuria (Narayanpur)	40+000-40+100	0.0061	Non-Signi	Jalisha Khatoon					WHH
1466	Mukuria (Narayanpur)	40+000-40+100	0.0061	Non-Signi	Md Sahid	24	75-100	Semi Perma	Shop	
1467	Mukuria (Narayanpur)	40+000-40+100	0.0034	Non-Signi	Md Sabir					Poor
1468	Mukuria (Narayanpur)	40+000-40+100	0.0022	Non-Signi	Md Juber Alam	11.88	75-100	Temp	Store Room	
1469	Mukuria (Narayanpur)	40+000-40+100	0.0023	Non-Signi	Md Zafar Alam	19.6	50-75	Semi Perma	Under Cons	BPL
1470	Mukuria (Narayanpur)	40+000-40+100	0.0023	Non-Signi	Md Shahabuddin	30.25	50-75	Permanent	House	PHH
1471	Mukuria (Narayanpur)	40+000-40+100	0.0023	Non-Signi	Md Alauddin	9.5	25-50	Semi Perma	House	
1472	Mukuria (Narayanpur)	40+000-40+100	0.0075	Non-Signi	Md Mujeeb	48.4	50-75	Semi Perma	House	
1473	Mukuria (Narayanpur)	40+000-40+100	0.0075	Significant	Nahera Khatun					WHH
1474	Mukuria (Narayanpur)	40+000-40+100	0.0075	Non-Signi	Mukhtar Alam					PHH
1475	Mukuria (Narayanpur)	40+100-40+200	0.0128	Significant	Md Abdul Hoque	26	25-50	Semi Perma	Under Cons	
1476	Mukuria (Narayanpur)	40+100-40+200	0.0129	Non-Signi	Aruind Kr Choudhary					SC
1477	Mukuria (Narayanpur)	40+100-40+200	0.0129	Significant	Md Amir Uddin	29.44+6.4BW	25-50	Semi Perma	House	BPL
1478	Mukuria (Narayanpur)	40+100-40+200	0.0078	Non-Signi	Md Taiyeb Alam	4.6	0-25	Temp	House	Poor
1479	Mukuria (Narayanpur)	40+100-40+200	0.0102	Non-Signi	Md Rustam Alam					BPL
1480	Mukuria (Narayanpur)	40+200-40+300	0.0078	Significant	Taramani Khatun					BPL
1481	Mukuria (Narayanpur)	40+200-40+300	0.0078	Non-Signi	Meherjun Khatun					Poor

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1482	Mukuria (Narayanpur)	40+200-40+300	0.0078	Non-Signi	Neheda Khatoon					Poor
1483	Mukuria (Narayanpur)	40+200-40+300	0.006	Non-Signi	Rahat Iqubal					
1484	Mukuria (Narayanpur)	40+200-40+300	0.006	Non-Signi	Gulber Darakhshan					
1485	Mukuria (Narayanpur)	40+200-40+300	0.0027	Non-Signi	Raju Chaudhari					SC
1486	Mukuria (Narayanpur)	40+200-40+300	0.0027	Non-Signi	Bhuttu Chaudhary					SC
1487	Mukuria (Narayanpur)	40+300-40+400	0.0052	Non-Signi	Bivi Mahabadi Khatoon	20.4	75-100	Temp	Small Eatery	
1488	Mukuria (Narayanpur)	40+300-40+400	0.0051	Non-Signi	Putli Devi	2.66	75-100	Temp	Shop	SC
1489	Mukuria (Narayanpur)	40+300-40+400	0.0051	Non-Signi	Md Aawed Alam					WHH
1490	Mukuria (Narayanpur)	40+400-40+500	0.0392	Non-Signi	Mahender Yadav					Poor
1491	Mukuria (Narayanpur)	40+400-40+500	0.019	Non-Signi	Bipul Kr Yadav	33.54	75-100	Temp	Shop	BPL
1492	Mukuria (Narayanpur)	40+400-40+500	0.0189	Non-Signi	Ashok Yadav	1.95	75-100	Semi Perma	Toilet	
1493	Mukuria (Narayanpur)	40+400-40+500	0.0189	Non-Signi	Ranjit Yadav					WHH
1494	Mukuria (Narayanpur)	40+400-40+500	0.0048	Non-Signi	Satya Narayan Yadav	29.6	75-100	Temp	Workshop	Poor
1495	Mukuria (Narayanpur)	40+400-40+500	0.0048	Non-Signi	Shyam Kr Yadav					
1496	Mukuria (Narayanpur)	40+400-40+500	0.0048	Non-Signi	Rakhal Kr Yadav					WHH
1497	Mukuria (Narayanpur)	40+400-40+500	0.0049	Non-Signi	Krishna Yadav					Poor
1498	Mukuria (Narayanpur)	40+400-40+500	0.0049	Non-Signi	Shiv Shambhu Yadav					
1499	Mukuria (Narayanpur)	40+400-40+500	0.0049	Non-Signi	Usha Devi					BPL
1500	Mukuria (Narayanpur)	40+500-40+600	0.0292	Non-Signi	Basant Lal Yadav	4.4	75-100	Temp	Kiosk	
1501	Mukuria (Narayanpur)	40+500-40+600	0.0448	Non-Signi	Hemant Lal Yadav					
1502	Mukuria (Narayanpur)	40+600-40+700		Significant	Bhagwan Yadav	8.68	75-100	Permanent	Shop	
1503	Mukuria (Narayanpur)	40+600-40+700	0.0127	Non-Signi	Arun Kr Singhanian	24.7BW	75-100	Semi Perma	Boundary Wall	
1504	Mukuria (Narayanpur)	40+600-40+700	0.0272	Non-Signi	Mahmoda Khatoon					Poor
1505	Mukuria (Narayanpur)	40+88-40+900	0.0217	Non-Signi	Ramanand Yadav (Chandan Yadav)					
1506	Sultanpur (Barsoi)	46+800-46+900	0.0444	Non-Signi	Raj Kumar Shah					
1507	Sultanpur (Barsoi)	46+800-46+900	0.0516	Non-Signi	Neelofar Shama	21.12	0-25	Semi Perma	Shop	
1508	Sultanpur (Barsoi)	46+800-46+900	0.0683	Significant	Shekh Abdur Rouf	9.9	75-100	Temp	Workshop	
1509	Sultanpur (Barsoi)	46+800-46+900	0.0239	Non-Signi	Md Ansar	14	25-50	Permanent	Shop	

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1510	Sultanpur (Barsoi)	46+800-46+900	0.024	Non-Signi	Mam Husain	11.55	25-50	Temp	Workshop	
1511	Raghunathpur	49+800-50+000	0.0107	Non-Signi	Nilamber Mishra (Sanjay Kumar)	2.56	0-25	Semi Perma	Shop	BPL
1512	Raghunathpur	49+900-50+000	0.0143	Non-Signi	Md Kalimuddin					
1513	Raghunathpur	49+900-50+000	0.0106	Non-Signi	Hasibur Rahman (Sanjay Kumar)	35.2	25-50	Permanent	Shop	
1514	Raghunathpur	49+900-50+000	0.0106	Non-Signi	Md Mamah Rashid	18.7	50-75	Permanent	House	
1515	Raghunathpur	50+000-50+100	0.0024	Non-Signi	Md Soheb					
1516	Raghunathpur	50+000-50+100	0.0024	Non-Signi	Saklu Mahto	10.2	0-25	Permanent	House	BPL
1517	Raghunathpur	50+000-50+100	0.0024	Non-Signi	Babita Devi	8.75	75-100	Temp	Shop	WHH
1518	Raghunathpur	50+000-50+100	0.0024	Non-Signi	Ganesh Prasad Sah	12.6	75-100	Semi Perma	Shop	BPL
1519	Raghunathpur	50+000-50+100	0.0024	Non-Signi	Sarvan Mandal	4.44	25-50	Permanent	House	
1520	Raghunathpur	50+000-50+100	0.0023	Non-Signi	Shanti Devi	13	25-50	Permanent	House	
1521	Raghunathpur	50+000-50+100	0.0169	Non-Signi	Ekhlaque Ahmad					
1522	Raghunathpur	50+000-50+100	0.0169	Non-Signi	Abdul Hadi					
1523	Raghunathpur	50+000-50+100	0.0461	Non-Signi	Md Abul Hasan	37.8	25-50	Temp	House	BPL
1524	Raghunathpur	50+100-50+200	0.0029	Non-Signi	Md Arshad Hussain Ansari					
1525	Raghunathpur	50+100-50+200	0.0029	Non-Signi	Md Ajibur Rahman Ansari	14BW	75-100	Semi Perma	Boundary Wall	WHH
1526	Raghunathpur	50+100-50+200	0.0029	Non-Signi	Md Sahabuddin					
1527	Raghunathpur	50+100-50+200	0.0029	Non-Signi	Md Mahtab Alam					WHH
1528	Raghunathpur	50+100-50+200	0.0029	Non-Signi	Md Muslim					BPL
1529	Raghunathpur	50+100-50+200	0.052	Non-Signi	Md Kaium					BPL
1530	Raghunathpur	50+100-50+200	0.0187	Non-Signi	Md Iftekhar Alam	7	75-100	Permanent	Shop	
1531	Raghunathpur	50+100-50+200	0.004	Non-Signi	Soumitra Paul	25.84	25-50	Permanent	Resi+Com	WHH
1532	Raghunathpur	50+100-50+200	0.0022	Non-Signi	Sanjay Kumar Pal					
1533	Raghunathpur	50+100-50+200	0.0012	Non-Signi	Sandip Saha	26.4	75-100	Temp	Shop	BPL
1534	Raghunathpur	50+200-50+300	0.0012	Non-Signi	Niteshwar Parshad Sah	16.1	75-100	Temp	House	
1535	Raghunathpur	50+200-50+300	0.0012	Non-Signi	Jayanti Ghos					
1536	Raghunathpur	50+200-50+300	0.0012	Non-Signi	Bhola Mandal					BPL
1537	Raghunathpur	50+200-50+300	0.0012	Non-Signi	Sundar Mandal					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1538	Raghunathpur	50+200-50+300	0.0012	Non-Signi	Arun Nath Mandal					WHH
1539	Raghunathpur	50+200-50+300	0.0021	Non-Signi	Shabana Khatoon					
1540	Raghunathpur	50+200-50+300	0.0023	Non-Signi	Mhjabi Khatoon					
1541	Raghunathpur	50+200-50+300	0.0009	Non-Signi	Kali Charan Mondal					
1542	Raghunathpur	50+200-50+300	0.0009	Non-Signi	Ashok Kumar Das					
1543	Raghunathpur	50+200-50+300	0.0056	Non-Signi	Bishwajit Das	9.59	0-25	Semi Perma	Shop	
1544	Raghunathpur	50+600-50+700	0.0042	Non-Signi	Sushil Kr Gupta	7.5	75-100	Temp	Shop	BPL
1545	Raghunathpur	50+600-50+700	0.0042	Non-Signi	Sanjay Kumar Rajak	14.8	75-100	Temp	Shop	SC
1546	Raghunathpur	50+600-50+700	0.0042	Non-Signi	Suresh Yadav	23.1	75-100	Temp	Shop	BPL
1547	Raghunathpur	50+600-50+700	0.0042	Non-Signi	Sarkar Yadav	14.52	75-100	Temp	Shop	BPL
1548	Raghunathpur	50+600-50+700	0.004	Non-Signi	Arun Kumar Yadav	15.9	75-100	Temp	Shop	
1549	Raghunathpur	50+600-50+700	0.0075	Non-Signi	Kailash Kumar Mondal	16.08	25-50	Permanent	Shop	BPL
1550	Raghunathpur	50+600-50+700	0.0145	Non-Signi	Pankaj Kumar Tripathi	13.92	25-50	Permanent	Shop	
1551	Raghunathpur	50+700-50+800	0.0075	Non-Signi	Ramni Prasad Yadav					
1552	Raghunathpur	50+700-50+800	0.0074	Non-Signi	Md Kaiser Alam	4.5	0-25	Temp	Workshop	BPL
1553	Raghunathpur	50+800-50+900	0.0041	Non-Signi	Md Mubashshir Husain					
1554	Raghunathpur	50+800-50+900	0.0041	Non-Signi	Sanjay Gupta					
1555	Raghunathpur	50+800-50+900	0.0041	Non-Signi	Chandra Moha Poddar	9.5BW	75-100	Semi Perma	Boundary Wall	
1556	Raghunathpur	50+800-50+900	0.0041	Non-Signi	Bishw Biplo Boss					
1557	Raghunathpur	50+800-50+900	0.015	Non-Signi	Md Sabab Alam					
1558	Raghunathpur	50+800-50+900	0.004	Non-Signi	Ashwariya Anand, Isika Anand					WHH
1559	Raghunathpur	50+800-50+900	0.015	Non-Signi	Md Ghulam Sarwar					
1560	Raghunathpur	50+800-50+900	0.0041	Non-Signi	Md Iftekhar Alam					
1561	Raghunathpur	50+800-50+900	0.004	Non-Signi	Rehan Akhtar/ Inayat Akhtar (Shahnaz)					
1562	Raghunathpur	50+900-51+000	0.0073	Non-Signi	Abul Hasan					
1563	Raghunathpur	51+100-51+200	0.0073	Non-Signi	Bibi Rabida Khatoon					
1564	Raghunathpur	51+100-51+200	0.0073	Non-Signi	Laxmi Chouhan					
1565	Raghunathpur	51+000-51+100	0.0073	Non-Signi	Naresh Chadra Shah					BPL



S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1566	Raghunathpur	51+100-51+200	0.0073	Non-Signi	Not Found					
1567	Raghunathpur	50+100-50+200	0.0109	Non-Signi	Sajda Khatoon	2.5BW	75-100	Semi Perma	Boundary Wall	
1568	Raghunathpur	51+100-51+200	0.0073	Non-Signi	Anjum Ara					BPL
1569	Raghunathpur	51+100-51+200	0.0073	Non-Signi	Md Akhtar Alam					
1570	Raghunathpur	51+100-51+200	0.0073	Non-Signi	Mumtaj Khatun					
1571	Raghunathpur	52+200-52+300	0.0022	Non-Signi	Sabera Khatun					
1572	Raghunathpur	52+200-52+300	0.0022	Non-Signi	Rifat Khatun (Sadik)					
1573	Raghunathpur	52+200-52+300	0.022	Non-Signi	Nasera Khatun (Sadik Hussain)					
1574	Manman	52+600-52+700	0.0022	Non-Signi	Md. Mohtsim Ansari					
1575	Manman	52+600-52+700	0.0022	Non-Signi	Md. Samsul Arfeen					
1576	Manman	52+600-52+700	0.0074	Non-Signi	Md. Zunel Akhatar Ansari					
1577	Manman	52+700-52+800	0.0076	Non-Signi	Matiur Rahman					PHH
1578	Daula	55+600-55+700	0.0263	Significant	Sannu Rai	4	0-25	Temp	House	SC
1579	Daula	55+600-55+700	0.0063	Non-Signi	Semol Rai					SC
1580	Daula	55+600-55+700	0.0151	Significant	Deenanath Rai					SC
1581	Daula	55+600-55+700	0.020	Significant	Shyma Rai (Sahkantala Devi)	24	75-100	Temp	House	SC
1582	Rajaul	55+700-55+800	0.032	Significant	Savitri Devi					SC
1583	Rajaul	55+700-55+800	0.0321	Significant	Bispkha Devi	23.36	75-100	Semi Perma	House	SC
1584	Rajaul	55+700-55+800	0.0321	Significant	Kankhi Devi	36.8	75-100	Temp	House	SC
1585	Rajaul	55+700-55+800	0.0696	Non-Signi	Md Sarfuddin Ansari					
1586	Dalan	0+400-0+500	0.1676	Significant	Not Found					
1587	Dalan	0+400-0+500	0.052	Significant	Not Found					
1588	Dalan	0+500-0+600	0.0328	Significant	Not Found					
1589	Dalan	0+600-0+700	0.2869	Significant	Not Found					
1590	Dalan	0+900-1+000	0.0268	Significant	Not Found					
1591	Dalan	1+900-2+000	0.0034	Significant	Not Found					
1592	Dalan	3+100-3+200	0.1156	Significant	Not Found					
1593	Tapka	3+700-3+800	0.0871	Significant	Not Found					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1594	Tapka	3+700-3+800	0.0663	Significant	Not Found					
1595	Tapka	3+700-3+800	0.1115	Significant	Not Found					
1596	Tapka	3+700-3+800	0.0963	Significant	Not Found					
1597	Tapka	3+700-3+800	0.05	Significant	Not Found					
1598	Tapka	4+500-4+600	0.0782	Significant	Not Found					
1599	Tapka	4+600-4+700	0.0167	Significant	Not Found					
1600	Tapka	4+600-4+700	0.1086	Significant	Not Found					
1601	Tapka	4+600-4+700	0.0394	Significant	Not Found					
1602	Tapka	4+600-4+700	0.0737	Significant	Not Found					
1603	Belwa	6+200-6+300	0.0044	Significant	Not Found					
1604	Belwa	6+300-6+400	0.1447	Significant	Not Found					
1605	Belwa	6+500-6+600	0.0018	Significant	Not Found					
1606	Belwa	6+600-6+700	0.0058	Significant	Not Found					
1607	Borni Gorgawan	7+500-7+600	0.0541	Significant	Not Found					
1608	Borni Gorgawan	7+300-7+900	0.0053	Significant	Not Found					
1609	Borni Gorgawan	8+100-8+200	0.0013	Significant	Not Found					
1610	Borni Gorgawan	8+100-8+200	0.0228	Significant	Not Found					
1611	Borni Gorgawan	9+100-9+200	0.0502	Significant	Not Found					
1612	Borni Gorgawan	9+100-9+200	0.133	Significant	Not Found					
1613	Borni Gorgawan	9+200-9+300	0.0552	Significant	Not Found					
1614	Borni Gorgawan	9+200-9+300	0.0422	Significant	Not Found					
1615	Borni Gorgawan	9+200-9+300	0.0031	Significant	Not Found					
1616	Borni Gorgawan	9+200-9+300	0.0942	Significant	Not Found					
1617	Borni Gorgawan	9+300-9+400	0.0033	Significant	Not Found					
1618	Bhamraili	15+400-15+500	0.0086	Significant	Not Found					
1619	Vilahi Araj	16+500-16+600	0.0165	Significant	Not Found					
1620	Vilahi Araj	16+500-16+600	0.0417	Significant	Not Found					
1621	Pothi	19+800-19+900	0.3092	Significant	Not Found					

S.N.	Name of the Village	Chainage Kilometer	Affected Area (in Acre)	Impact due to LA	Name of the Owner	Area of Affected Structure (Sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability
1622	Unaso Pachgachhi	32+900-33+000	0.0506	Significant	Not Found					
1623	Mukuria	40+800-40+900	0.0008	Significant	Not Found					

## LIST OF DISPLACED PERSONS (NON-TITLEHOLDERS)

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
1	Dalan (Monga)	0+800-0+900	Bindu Devi	3.2	Significant	Temp	Kiosk	SC
2	Dalan (Monga)	0+900-1+000	Patho Manjhi	32.76	Significant	Semi Perma	House	
3	Dalan (Monga)	0+900-1+000	Md Ainul	21.09	Significant	Permanent	House	
4	Dalan (Monga)	0+900-1+000	Md Ainul	6.96	Significant	Temp	House	
5	Dalan (Monga)	0+900-1+000	Md Jahan	21	Significant	Semi Perma	House	
6	Dalan (Monga)	0+900-1+000	Md Jahan	8.64	Significant	Temp	House	
7	Dalan (Monga)	0+900-1+000	Md Jainul Khan	8.96	Significant	Temp	House	
8	Dalan (Monga)	1+100-1+200	Farog Ahmad Khan	26.46	Significant	Temp	House	
9	Dalan (Monga)	1+200-1+300	Bibi Zahida Khanam	22.56	Non-Signi	Semi Perma	Godown	
10	Dalan (Monga)	1+700-1+800	Anisur Rahman	12.8	Significant	Temp	Shop	NTH
11	Dalan (Monga)	1+700-1+800	Jullu Rahman	17	Significant	Temp	House	BPL
12	Dalan (Monga)	1+700-1+800	Jullu Rahman	26	Significant	Temp	House	NTH
13	Dalan (Monga)	1+700-1+800	Jullu Rahman	11.75	Significant	Temp	House	NTH
14	Dalan (Monga)	1+900-2+000	Gulesha Khatun	13.2	Significant	Temp	House	BPL
15	Dalan (Monga)	1+900-2+000	Md Kalam	15	Significant	Temp	House	BPL
16	Dalan (Monga)	1+900-2+000	Md Hakib	17.86	Significant	Temp	House	BPL
17	Dalan (Monga)	1+900-2+000	Md Sakir	20.68	Significant	Temp	House	BPL
18	Dalan (Monga)	2+200-2+300	Mannu Ram	1.8	Significant	Temp	Shop	
19	Dalan (Chadrama Chowk)	2+500-2+600	Tohid Ansari	12	Significant	Temp	Small Eatery	BPL
20	Dalan (Chadrama Chowk)	2+500-2+600	Ahmad Ali	17.85	Significant	Temp	Workshop	
21	Dalan (Chadrama Chowk)	2+500-2+600	Ahmad Ali	18.69	Significant	Semi Perma	Shop	
22	Dalan (Chadrama Chowk)	2+500-2+600	Haji Maqbal Hussain	14	Significant	Temp	Shop	
23	Dalan (Chadrama Chowk)	2+500-2+600	Haji Maqbal Hussain	7.22	Significant	Temp	Shop	
24	Dalan (Chadrama Chowk)	2+500-2+600	Haji Maqbal Hussain	12.73	Non-Signi	Semi Perma	Shop	
25	Dalan (Chadrama Chowk)	2+500-2+600	Mahesh Rajak	8.1	Significant	Temp	Shop	SC
26	Dalan (Chadrama Chowk)	2+700-2+800	Shanti Devi (Manoj Kumar)	70.4	Significant	Temp	Shed	
27	Dalan (Chadrama Chowk)	2+800-2+900	Virendra Sharma	37.63	Significant	Temp	Shop	BPL
28	Tapka (Sarvasa)	3+700-3+800	Ramesh Kumar Yadav	22.04	Significant	Temp	House	
29	Tapka (Sarvasa)	3+900-4+000	Upendra Prasad Yadav	31.2	Significant	Temp	House	
30	Tapka (Sarvasa)	3+900-4+000	Upendra Prasad Yadav	79.52	Significant	Temp	House	
31	Tapka (Sarvasa)	3+900-4+000	Upendra Prasad Yadav	2.25	Significant	Semi Perma	Toilet	
32	Tapka (Sarvasa)	3+900-4+000	Ajit Yadav	32.2	Significant	Temp	House	
33	Tapka (Sarvasa)	3+900-4+000	Arjun Kumar Yadav	15.18	Significant	Temp	Garage	BPL

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
34	Tapka (Sarvasa)	3+900-4+000	Manomanjan Yadav	11.7	Significant	Temp	Shed	BPL
35	Tapka (Sarvasa)	4+000-4+100	Balram Yadav	7.5	Non-Signi	Temp	Shop	Poor
36	Tapka (Sarvasa)	4+300-4+400	Shankar Paswan	8.68	Significant	Temp	House	SC
37	Tapka (Sarvasa)	4+300-4+400	Shankar Paswan	15.4	Significant	Temp	House	NTH
38	Tapka (Sarvasa)	4+300-4+400	Bhola Paswan	6.27	Significant	Temp	House	SC
39	Tapka (Sarvasa)	4+300-4+400	Reena Devi (Deepak Kumar)	13.33	Significant	Temp	House	SC
40	Tapka (Sarvasa)	4+300-4+400	Sachin Rishi	3	Non-Signi	Temp	House	SC
41	Tapka (Sarvasa)	4+300-4+400	Ajay Rishi	16.34	Significant	Temp	House	SC
42	Tapka (Sarvasa)	4+300-4+400	Bheem Rishi	9.62	Non-Signi	Semi Perma	House	NTH
43	Tapka (Sarvasa)	4+300-4+400	Etawari Rishi	10.5	Significant	Temp	House	BPL
44	Tapka (Sarvasa)	4+300-4+400	Etawari Rishi	15	Significant	Temp	House	NTH
45	Tapka (Pothiya Ghat)	4+300-4+400	Jhallu Rishi	4.55	Non-Signi	Permanent	House	
46	Tapka (Pothiya Ghat)	4+300-4+400	Jhallu Rishi	12	Significant	Temp	House	
47	Tapka (Pothiya Ghat)	4+300-4+400	Parwar Rishi	9.1	Significant	Temp	Shop	SC
48	Tapka (Pothiya Ghat)	4+300-4+400	Parwati Mosmat	25.2	Significant	Temp	House	SC
49	Tapka (Pothiya Ghat)	4+300-4+400	Parwati Mosmat	22.42	Significant	Temp	House	NTH
50	Tapka (Pothiya Ghat)	4+400-4+500	Parwati Mosmat	8.99	Non-Signi	Temp	Shop	NTH
51	Tapka (Pothiya Ghat)	4+400-4+500	Raju Rai	18.9	Significant	Temp	House	BPL
52	Tapka (Pothiya Ghat)	4+400-4+500	Raju Rai	6.75	Significant	Temp	House	NTH
53	Tapka (Pothiya Ghat)	4+400-4+500	Raju Rai	8.75	Significant	Temp	House	NTH
54	Tapka (Pothiya Ghat)	4+400-4+500	Susma Devi	22	Significant	Semi Perma	Shop	SC
55	Tapka (Pothiya Ghat)	4+600-4+700	Pardeep Rai	16.64	Significant	Temp	House	
56	Tapka (Pothiya Ghat)	4+600-4+700	Bhola Rai	37.44	Significant	Temp	House	BPL
57	Belwa	5+200-5+300	Arvind Kumar (Aeadh Kumar)	79.12	Significant	Temp	Workshop	
58	Belwa	5+200-5+300	Arvind Kumar (Aeadh Kumar)	61.5	Significant	Permanent	Shop	
59	Belwa	5+400-5+500	Sawitri Lal	27.45	Significant	Permanent	House	
60	Belwa	5+600-5+700	Kundan Prasad Lal	27.52	Significant	Semi Perma	Shop	BPL
61	Belwa	5+600-5+700	Kundan Prasad Lal	55.8	Significant	Permanent	House	
62	Belwa	5+700-5+800	Akhilesh Kumar	8.1	Significant	Permanent	Shop	
63	Belwa	5+900-6+000	Turangi Mandal	11.76	Significant	Temp	House	
64	Belwa	5+900-6+000	Turangi Mandal	11	Non-Signi	Temp	Cattleshed	NTH
65	Belwa	5+900-6+000	Turangi Mandal	7.59	Significant	Temp	Cattleshed	NTH
66	Belwa	5+900-6+000	Shivam Mandal	18.4	Non-Signi	Permanent	House	
67	Belwa	6+400-6+500	Pushpa Chakraborty	22.08	Significant	Temp	House	BPL
68	Belwa	6+400-6+500	Pushpa Chakraborty	38.5	Significant	Temp	House	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
69	Belwa	6+400-6+500	Dashrath Mandal	11.52	Significant	Temp	House	BPL
70	Belwa	6+400-6+500	Bhola Mandal	7	Significant	Temp	House	BPL
71	Belwa	6+400-6+500	Nilam Devi	23.1	Significant	Temp	House	BPL
72	Belwa	6+400-6+500	Nilam Devi	12.88	Significant	Temp	House	NTH
73	Belwa	6+500-6+600	Buchia Devi	29.52	Significant	Temp	House	SC
74	Belwa	6+500-6+600	Buchia Devi	32	Significant	Temp	House	NTH
75	Belwa	6+500-6+600	Sitiya Devi	28.35	Non-Signi	Permanent	House	
76	Belwa	6+600-6+700	Surendra Mahto	12.15	Significant	Temp	House	
77	Belwa	6+600-6+700	Sita Ram Mahto	40.6	Significant	Permanent	House	
78	Belwa	6+600-6+700	Manju Devi	6.25	Significant	Temp	Shop	
79	Belwa	6+600-6+700	Manju Devi	11.1	Significant	Semi Perma	House	
80	Belwa	6+600-6+700	Manju Devi	48.75	Significant	Permanent	House	
81	Belwa	6+600-6+700	Gulo Devi	11.7	Significant	Permanent	House	
82	Borni Gorgawan (Shaharpura)	7+700-7+800	Alauddin Ansari	8.64	Significant	Temp	Shop	NTH
83	Borni Gorgawan (Shaharpura)	7+700-7+800	Alauddin Ansari	26.25	Significant	Semi Perma	Under Cons	
84	Borni Gorgawan (Shaharpura)	7+700-7+800	Alauddin Ansari	16.64	Significant	Temp	House	
85	Borni Gorgawan	7+700-7+800	Jahanara Khatun	8.06	Significant	Temp	Shop	BPL
86	Borni Gorgawan	7+800-7+900	Mannan Ansari	27	Significant	Temp	House	BPL
87	Borni Gorgawan	7+800-7+900	Mannan Ansari	15.66	Significant	Temp	House	
88	Borni Gorgawan	7+800-7+900	Mannan Ansari	9.8	Significant	Temp	House	
89	Borni Gorgawan	7+800-7+900	Shaukat Ansari	9.24	Significant	Temp	House	BPL
90	Borni Gorgawan	7+800-7+900	Shaukat Ansari	7.5	Significant	Temp	House	
91	Borni Gorgawan	7+800-7+900	Kalimuddin Ansari	8.16	Non-Signi	Temp	House	BPL
92	Borni Gorgawan	7+800-7+900	Kalimuddin Ansari	17.94	Significant	Semi Perma	House	
93	Borni Gorgawan	7+800-7+900	Kalimuddin Ansari	7.36	Non-Signi	Temp	Cattleshed	
94	Borni Gorgawan	7+900-8+000	Vinod Mahto	2.4	Non-Signi	Temp	Small Eatery	
95	Borni Gorgawan	8+000-8+100	Deepak Kumar Mahto	11.88	Significant	Temp	Shop	NTH
96	Borni Gorgawan	8+000-8+100	Parbhakar Mahto	21.15	Significant	Temp	Shop	NTH
97	Borni Gorgawan	8+000-8+100	Dukhnarayan Mahto	14.04	Significant	Temp	Shop	NTH
98	Borni Gorgawan	8+000-8+100	Dharmendra Mahto	9.3	Significant	Temp	Shop	NTH
99	Borni Gorgawan (Shaharpura)	8+000-8+100	Jitendra Mahto	9.3	Significant	Temp	Shop	BPL
100	Borni Gorgawan (Shaharpura)	8+000-8+100	Dhaneswar Mahto	12	Significant	Temp	Shop	BPL
101	Borni Gorgawan (Shaharpura)	8+000-8+100	Hirendra Kumar Mahto	10.5+3.5BW	Significant	Temp	Shop	NTH
102	Borni Gorgawan (Shaharpura)	8+000-8+100	Kapildev Mahto	4.8	Significant	Temp	Shop	NTH
103	Borni Gorgawan (Shaharpura)	8+000-8+100	Gayatri Devi	10.88	Significant	Temp	Shop	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
104	Borni Gorgawan (Shaharpura)	8+000-8+100	Birendra Mahto	6.84	Significant	Temp	Shop	BPL
105	Borni Gorgawan (Shaharpura)	8+000-8+100	Vina Devi	7.2	Non-Signi	Temp	Shop	BPL
106	Borni Gorgawan (Shaharpura)	8+000-8+100	Sunil Kumar Mahto	7.2	Non-Signi	Temp	Shop	BPL
107	Borni Gorgawan (Shaharpura)	8+000-8+100	Manish Mahto	8.1	Non-Signi	Temp	Shop	BPL
108	Borni Gorgawan (Shaharpura)	8+000-8+100	Chandra Shankar Mahto	4.68	Non-Signi	Temp	Hotel	BPL
109	Borni Gorgawan (Shaharpura)	8+000-8+100	Dukh Narayan Mahto	4.68	Non-Signi	Temp	Shop	NTH
110	Borni Gorgawan (Shaharpura)	8+000-8+100	Mohit Chand Mahto	4.16	Non-Signi	Temp	Shop	NTH
111	Borni Gorgawan (Shaharpura)	8+000-8+100	Khushi Lal Mahto	6.88	Non-Signi	Temp	Shop	NTH
112	Borni Gorgawan (Shaharpura)	8+100-8+200	Vivek Kumar Mahto	1.25	Non-Signi	Temp	Shop	BPL
113	Borni Gorgawan (Shaharpura)	8+100-8+200	Sunil Kumar Mahto	1.44	Non-Signi	Temp	Shop	WHH
114	Borni Gorgawan (Shaharpura)	8+100-8+200	Janardhan Mahto	1.98	Non-Signi	Temp	Small Eatery	BPL
115	Borni Gorgawan (Shaharpura)	8+100-8+200	Atwari Mahto (Pralad Kumar)	1.8	Non-Signi	Temp	Shop	NTH
116	Borni Gorgawan (Shaharpura)	8+100-8+200	Shiv Shankar Mahto	2.31	Non-Signi	Temp	Shop	
117	Borni Gorgawan (Shaharpura)	8+100-8+200	Shiv Shankar Mahto	4.5	Non-Signi	Permanent	House	
118	Borni Gorgawan (Shaharpura)	8+100-8+200	Ashok Mahto	4.6	Significant	Temp	Kitchen	NTH
119	Borni Gorgawan (Shaharpura)	8+100-8+200	Radhiya Devi	3.9	Non-Signi	Permanent	House	
120	Borni Gorgawan (Barwa Tola)	8+500-8+600	Nathan Mahto	11.2	Significant	Temp	Cattleshed	BPL
121	Borni Gorgawan (Barwa Tola)	8+500-8+600	Nathan Mahto	13.2	Non-Signi	Permanent	House	
122	Borni Gorgawan (Barwa Tola)	8+500-8+600	Nathan Mahto	4.62	Non-Signi	Semi Perma	Cattleshed	
123	Borni Gorgawan (Barwa Tola)	8+800-8+900	Aakali Mahto	5.58	Significant	Permanent	House	
124	Borni Gorgawan	9+300-9+400	Satya Narayan Yadav	6.3	Non-Signi	Temp	House	
125	Borni Gorgawan	9+300-9+400	Satya Narayan Yadav	3.2	Non-Signi	Temp	House	
126	Borni Gorgawan	9+400-9+500	Damodar Lal Poddar	11.56	Significant	Temp	House	NTH
127	Souria	10+500-10+600	Haidar Ali	6.3	Significant	Temp	Kitchen	BPL
128	Souria	10+500-10+600	Sheikh Nazur	5.7	Non-Signi	Temp	House	
129	Souria	10+500-10+600	Shamina Khatoon	7.2	Significant	Temp	House	BPL
130	Souria	10+500-10+600	Mustafa Khan	6.39	Non-Signi	Temp	Hut	
131	Souria	10+500-10+600	Anwar	4.55	Non-Signi	Temp	House	BPL
132	Souria	10+500-10+600	Ashmira Khatoon	10.56	Significant	Temp	House	BPL
133	Souria	11+000-11+100	Dinesh Rajak	3.25	Non-Signi	Temp	Shop	SC
134	Souria	11+000-11+100	Damodar Rajak	5.75	Non-Signi	Temp	Shop	SC
135	Souria	11+000-11+100	Mukesh Kumar Rai	3.72	Non-Signi	Temp	Shop	BPL
136	Souria	11+000-11+100	Sanjay Mishra	15.75	Significant	Temp	Shop	BPL
137	Souria	11+000-11+100	Md Tasim	11.04	Significant	Temp	Shop	BPL
138	Souria	11+000-11+100	Arsalan Sajid	5.33	Non-Signi	Temp	Shop	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
139	Souria	11+000-11+100	Shaikh Shamim	3.7	Non-Signi	Temp	Shop	BPL
140	Souria	11+000-11+100	Sheikh Nasim	5.92	Non-Signi	Temp	Shop	NTH
141	Souria	11+000-11+100	Md. Samsad Alam	5.31	Non-Signi	Temp	Shop	BPL
142	Souria	11+100-11+200	Gopal Prasad Sinha(Sumit Kr Sinha)	3.64	Non-Signi	Semi Perma	Shed	NTH
143	Souria	11+100-11+200	Sitaram Mahto	1.8	Non-Signi	Temp	Small Eatery	NTH
144	Souria	11+100-11+200	Kanhaiya Lal Thakur	1.32	Non-Signi	Temp	Shed	BPL
145	Souria	11+100-11+200	Somari Maraiya	3.64	Non-Signi	Temp	Shop	ST
146	Souria	11+100-11+200	Sheikh Nazir	3.45	Significant	Temp	Shed	BPL
147	Souria	11+100-11+200	Sheikh Nazir	1.84	Non-Signi	Semi Perma	Shop	NTH
148	Souria	11+100-11+200	Pankaj Kumar Arya	1.92	Non-Signi	Semi Perma	Shop	NTH
149	Souria	11+100-11+200	Ajay Kr Arya	13.14	Significant	Semi Perma	Shed	NTH
150	Souria	11+100-11+200	Ramchandra Maholi	1.95	Non-Signi	Semi Perma	Shop	ST
151	Souria	11+100-11+200	Sanjoy Kumar	6.48	Significant	Temp	Small Eatery	NTH
152	Souria	11+100-11+200	Manoj Shah	7.14	Significant	Temp	Shed	NTH
153	Souria	11+100-11+200	Mohan Shah	3.78	Significant	Temp	Shop	NTH
154	Souria	11+100-11+200	Rinki Devi	5.55	Significant	Temp	Shed	NTH
155	Souria	11+100-11+200	Kundan Mandal	15.08	Significant	Temp	Small Eatery	NTH
156	Souria	11+200-11+300	Dharmidhar Pathak	8.64	Significant	Temp	Shop	
157	Souria	11+200-11+300	Arjun Prasad Sharma	61	Significant	Temp	House	
158	Souria	11+200-11+300	Jawahar Lal Sharma	2.25	Significant	Permanent	Toilet	
159	Souria	11+300-11+400	Indra Roy	39.9	Significant	Temp	House	BPL
160	Souria	11+300-11+400	Indra Roy	26.1	Significant	Semi Perma	House	NTH
161	Souria	11+300-11+400	Indra Roy	19	Significant	Semi Perma	House	NTH
162	Souria	11+300-11+400	Indra Roy	18	Significant	Temp	Cattleshed	NTH
163	Souria	11+300-11+400	Indra Roy	12	Significant	Temp	Kitchen	NTH
164	Souria	11+300-11+400	Domni Devi	15.08	Significant	Temp	House	
165	Souria	11+300-11+400	Domni Devi	16.34	Significant	Temp	House	
166	Souria	11+400-11+500	Vishwanath Malakar	35.91	Significant	Permanent	Resi+Com	BPL
167	Souria	11+400-11+500	Rajesh Malakar	34.65	Significant	Permanent	Community Centre	NTH
168	Souria	11+400-11+500	Rita Devi	14.44	Significant	Temp	House	SC
169	Souria	11+400-11+500	Budhan Kewat	15.54	Significant	Temp	Shop	SC
170	Souria	11+400-11+500	Panne Kewat	33.6	Significant	Temp	House	NTH
171	Souria	11+400-11+500	Panne Kewat	27.93	Significant	Temp	House	NTH
172	Souria	11+700-11+800	Shukur Dev Kewat	10.8	Significant	Permanent	Temple	



S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
173	Souria	11+900-12+000	Jweli Roy (Rakesh Kumar Roy)	31	Significant	Semi Perma	House	
174	Souria	11+900-12+000	Jweli Roy (Rakesh Kumar Roy)	12.65	Significant	Temp	Shed	
175	Souria	13+900-14+100	Jweli Roy (Rakesh Kumar Roy)	16.8	Significant	Temp	Shed	
176	Souria	13+900-14+000	Jweli Roy (Rakesh Kumar Roy)	6.75	Significant	Semi Perma	Toilet	
177	Ankhor (Janakpur)	12+100-12+200	Israil Ansari	4.5	Non-Signi	Temp	House	
178	Ankhor (Janakpur)	12+200-12+300	Tallu Hambram	10.14	Non-Signi	Temp	House	ST
179	Ankhor (Janakpur)	12+400-12+500	Dayanand Poddar	10.53	Non-Signi	Temp	House	
180	Bhamraili	13+600-13+700	Chunna Sha	4.2	Non-Signi	Temp	Mill	NTH
181	Bhamraili	13+900-14+000	Pradeep Kumar Poddar	7.68	Significant	Permanent	Shop	
182	Bhamraili	13+800-13+900	Bheem Sharma	1.4BW	Significant	Semi Perma	Boundary	
183	Bhamraili	13+900-14+000	Manish Kumar	4	Significant	Temp	Shop	SC
184	Bhamraili	13+900-14+000	Ashok Viswas	3.48	Non-Signi	Temp	Shop	NTH
185	Bhamraili	13+900-14+000	Not Found	3.6	Significant	Temp	Kiosk	NTH
186	Bhamraili	13+900-14+000	Sita Ram Bishwas	1.68	Non-Signi	Temp	Kiosk	NTH
187	Bhamraili	14+300-14+400	Vijay Sharma	17.05	Non-Signi	Temp	House	
188	Bhamraili	14+300-14+400	Vijay Sharma	21.6	Significant	Temp	House	
189	Bhamraili	14+400-14+500	Prasadi Sharma	15.4	Significant	Temp	House	
190	Bhamraili	14+400-14+500	Prasadi Sharma	30.74	Significant	Temp	Cattleshed	
191	Bhamraili	14+400-14+500	Hemant Kewat	20.7	Significant	Temp	House	
192	Bhamraili	14+400-14+500	Budhan Kewat	25.08	Significant	Semi Perma	House	
193	Bhamraili	14+400-14+500	Budhan Kewat	5.72	Significant	Temp	House	
194	Bhamraili	14+400-14+500	Vikram Kewat	13.8	Significant	Temp	House	
195	Bhamraili	14+400-14+500	Bablu Kewat	42	Significant	Temp	House	
196	Bhamraili	14+400-14+500	Bablu Kewat	37.8	Significant	Semi Perma	Under Cons	
197	Bhamraili	14+700-14+800	Mosmat Shukri Devi	12	Significant	Permanent	Temple	
198	Bhamraili	14+700-14+800	Mosmat Shukri Devi	23.22	Significant	Temp	House	
199	Bhamraili	14+700-14+800	Mosmat Shukri Devi	11.4	Non-Signi	Permanent	House	
200	Bhamraili	14+700-14+800	Mosmat Shukri Devi	24	Significant	Semi Perma	Shop	
201	Bhamraili (Jogla Tola)	14+700-14+800	Ajab Lal Kewat	6.38	Significant	Temp	House	
202	Bhamraili	15+200-15+300	Vishwanath Mandal	3.24	Significant	Temp	Kiosk	
203	Bhamraili	15+200-15+300	Vishwanath Mandal	19.8	Significant	Temp	House	
204	Bhamraili	15+700-15+800	Gulab Narayan Jha	2.25	Significant	Semi Perma	Toilet	
205	Bhamraili	15+700-15+800	Gulab Narayan Jha	46.98	Significant	Semi Perma	House	
206	Bhamraili	15+700-15+800	Malti Devi	9.86	Significant	Semi Perma	Kitchen	
207	Bhamraili	15+700-15+800	Malti Devi	32.34	Significant	Permanent	House	

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
208	Bhamraili	15+700-15+800	Malti Devi	19.44+5.8BW	Significant	Permanent	Temple	
209	Bhamraili	16+200-16+300	Ghughli Kewat	21.7	Significant	Temp	House	BPL
210	Bhamraili	16+200-16+300	Ghughli Kewat	12.71	Significant	Temp	House	NTH
211	Bhamraili	16+300-16+400	Rupesh Kumar Das	11.84	Significant	Temp	Shop	SC
212	Vilahi Araji	16+300-16+400	Sanjla Murmu	20.13	Significant	Temp	House	
213	Vilahi Araji	16+300-16+400	Sanjla Murmu	15.18	Significant	Temp	House	
214	Vilahi Araji	16+400-16+500	Chhota Tala Soren	8	Significant	Temp	House	
215	Vilahi Araji	16+400-16+500	Guru Soren	35.4	Significant	Temp	House	
216	Vilahi Araji	16+400-16+500	Guru Soren	13.6	Significant	Temp	Shed	
217	Vilahi Araji	16+800-16+900	Sri Lekha Devi	8.84	Non-Signi	Temp	House	BPL
218	Vilahi Araji	17+000-17+100	Shanti Devi	9.89	Significant	Temp	House	
219	Vilahi Araji	17+200-17+300	Kaushalya Devi	1.32	Non-Signi	Temp	Shop	
220	Vilahi Araji	17+300-17+400	Bhagwat Lal Poddar	2	Non-Signi	Temp	Kiosk	PHH
221	Vilahi Araji	17+400-17+500	Abin Mandal	56.8	Significant	Semi Perma	Shop	BPL
222	Vilahi Araji	17+400-17+500	Mithun Roy	28	Significant	Temp	House	BPL
223	Vilahi Araji	17+500-17+600	Not Found	14	Significant	Temp	Cattleshed	NTH
224	Vilahi Araji	17+500-17+600	Dinesh Mandal	19.53	Significant	Temp	House	BPL
225	Vilahi Araji	17+500-17+600	Dinesh Mandal	10.5	Significant	Temp	Kitchen	NTH
226	Vilahi Araji	17+600-17+700	Sunil Kumar Mandal	8.36	Significant	Temp	Shed	NTH
227	Vilahi Araji	17+600-17+700	Sunil Kumar Mandal	2	Significant	Semi Perma	Toilet	NTH
228	Vilahi Araji	17+600-17+700	Sunil Kumar Mandal	33	Significant	Temp	House	NTH
229	Vilahi Araji	17+600-17+700	Sunil Kumar Mandal	30	Significant	Temp	House	NTH
230	Vilahi Araji	17+600-17+700	Sunil Kumar Mandal	16.82	Significant	Temp	House	NTH
231	Vilahi Araji	17+600-17+700	Mayanand Yadav	15	Significant	Temp	House	BPL
232	Vilahi Araji	17+600-17+700	Mayanand Yadav	8.75	Significant	Temp	Kitchen	NTH
233	Vilahi Araji	17+600-17+700	Mayanand Yadav	19.8	Significant	Temp	House	NTH
234	Vilahi Araji	17+600-17+700	Kishandev Sharma	44.64	Significant	Temp	Shop	BPL
235	Vilahi Araji	17+600-17+700	Avdhesh Kumar	20	Significant	Temp	Shop	
236	Vilahi Araji	17+700-17+800	Avdhesh Kumar	19.17	Significant	Temp	Workshop	NTH
237	Jelas (Tilas)	17+800-17+900	Laxmi Narayan Sharma	25.9	Significant	Semi Perma	Foundation	
238	Jelas (Tilas)	17+800-17+900	Laxmi Narayan Sharma	14	Significant	Semi Perma	House	
239	Jelas (Tilas)	17+800-17+900	Ramesh Poddar	11.7	Non-Signi	Permanent	House	
240	Jelas (Tilas)	17+800-17+900	Jyotish Chandra Poddar	8	Significant	Semi Perma	Stairs	
241	Nijhra	17+800-17+900	Ram Prasad Sharma	7.2	Significant	Temp	Kiosk	
242	Nijhra	17+900-18+000	Baneshwar Pandit	27.04	Significant	Temp	Cattleshed	

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
243	Nijhra	17+900-18+000	Baneshwar Pandit	10.08	Significant	Temp	Cattleshed	
244	Nijhra	17+900-18+00	Baneshwar Pandit	17.6	Significant	Semi Perma	House	
245	Nijhra	17+900-18+000	Baneshwar Pandit	13.2	Significant	Temp	Cattleshed	
246	Nijhra	17+900-18+000	Baneshwar Pandit	7.04	Significant	Temp	Kitchen	
247	Nijhra	18+000-18+100	Jalim Mahto	7.75	Significant	Semi Perma	Kitchen	
248	Nijhra	18+000-18+100	Jalim Mahto	34.98	Significant	Semi Perma	House	
249	Nijhra	18+000-18+100	Jalim Mahto	8.7	Significant	Semi Perma	Temple	
250	Nijhra	18+000-18+100	Ram Bahadur Mahto	42.12	Significant	Temp	Cattleshed	
251	Nijhra	18+000-18+100	Ram Bahadur Mahto	13.52	Non-Signi	Temp	House	
252	Nijhra	18+100-18+200	Ramakant Thakur	9.8	Significant	Temp	Cattleshed	
253	Nijhra	18+100-18+200	Rina Devi	35.51	Significant	Temp	House	
254	Nijhra	18+200-18+300	Suresh Mahto	42.64	Significant	Semi Perma	House	
255	Nijhra	18+200-18+300	Ramlas Mahto	39.78	Significant	Semi Perma	House	BPL
256	Nijhra	18+200-18+300	Ramlas Mahto	31.74	Non-Signi	Temp	House	
257	Nijhra	18+200-18+300	Shree Ram Chandra Mahto	63.7	Significant	Temp	House	
258	Nijhra	18+200-18+300	Mahesh Lal Das	33.66	Significant	Temp	House	BPL
259	Nijhra	18+200-18+300	Mahesh Lal Das	12.6	Significant	Temp	House	NTH
260	Nijhra	18+200-18+300	Mahesh Lal Das	31	Significant	Temp	House	NTH
261	Nijhra	18+300-18+400	Sunil Das	37.44	Significant	Temp	House	SC
262	Nijhra	18+300-18+400	Kutai Das	44.22	Significant	Temp	House	SC
263	Nijhra	18+300-18+400	Kutai Das	15.2	Significant	Temp	House	NTH
264	Nijhra	18+300-18+400	Diven Kumar Das	21.93	Significant	Temp	House	SC
265	Nijhra	18+300-18+400	Diven Kumar Das	3.6	Significant	Temp	Kitchen	NTH
266	Nijhra	18+300-18+400	Rani Devi	19.84	Significant	Semi Perma	House	
267	Diari	23+000-23+100	Gumani	191.1	Significant	Semi Perma	Under Cons	
268	Diari (Singlepr)	23+200-23+300	Md Allauddin	14.7	Significant	Temp	Hut	
269	Bijuhar	23+800-23+900	Sury Narayan Singh	2.47	Significant	Temp	Kiosk	BPL
270	Bijuhar	23+800-23+900	Anil Kumar Das	3	Significant	Temp	Kiosk	SC
271	Bijuhar	23+900-24+000	Direan Ravidas	7.92	Significant	Temp	House	SC
272	Bijuhar	23+900-24+000	Sankar Ravidas	13.95	Significant	Temp	House	SC
273	Bijuhar	23+900-24+000	Sikandar Das	26.4	Significant	Temp	House	SC
274	Bijuhar	23+900-24+000	Sikandar Das	21.5	Significant	Temp	House	NTH
275	Bijuhar	24+000-24+100	Tuntun Sah	10.8	Significant	Temp	Hut	BPL
276	Bijuhar	24+000-24+100	Tuntun Sah	11.4	Significant	Temp	Hut	NTH
277	Bijuhar	24+000-24+100	Tuntun Sah	13.5	Significant	Temp	Hut	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
278	Bijuhar	24+000-24+100	Satish Sharma	14.72	Significant	Temp	Cattleshed	NTH
279	Bijuhar	24+000-24+100	Satish Sharma	21.42	Significant	Temp	House	NTH
280	Bijuhar	24+000-24+100	Tarni Sharma	12.18	Significant	Temp	Cattleshed	BPL
281	Bijuhar	24+000-24+100	Tarni Sharma	10.15	Significant	Temp	House	NTH
282	Bijuhar	24+000-24+100	Raju Sharma	41.34	Significant	Temp	House	BPL
283	Bijuhar	24+000-24+100	Raju Sharma	8.46	Significant	Temp	Cattleshed	
284	Bijuhar	24+000-24+100	Shyam Sharma	9.89	Significant	Temp	Cattleshed	BPL
285	Bijuhar	24+000-24+100	Sarwan Kumar Sharma	33.48	Significant	Temp	House	NTH
286	Bijuhar	24+100-24+200	Jagdish Sharma	17.08	Significant	Temp	Cattleshed	BPL
287	Bijuhar	24+100-24+200	Jagdish Sharma	14.7	Significant	Temp	House	NTH
288	Bijuhar	24+100-24+200	Biru Sharma	16.74	Significant	Temp	Hut	BPL
289	Bijuhar	24+200-24+300	Hem Lal Das	7.83	Significant	Temp	House	
290	Bijuhar	25+000-25+100	Ajabul Haque	29	Significant	Temp	House	
291	Bijuhar	25+000-25+100	Ajabul Haque	22.62	Significant	Temp	House	
292	Bijuhar	25+000-25+100	Md. Amirudin	25.08	Significant	Temp	House	
293	Gothaila	27+400-27+500	Arjun Yadav	28	Significant	Semi Perma	House	BPL
294	Gothaila	27+500-27+600	Jaiparkash Yadav	16.8	Significant	Temp	House	BPL
295	Gothaila	27+500-27+600	Rajesh Paswan	0.66	Non-Signi	Semi Perma	House	SC
296	Gothaila	27+500-27+600	Rajesh Paswan	5.44	Non-Signi	Temp	Kitchen	NTH
297	Gothaila	27+500-27+700	Sukhdev Ram	3.96	Non-Signi	Permanent	House	SC
298	Gothaila	27+500-27+600	Sukhdev Ram	3.6	Non-Signi	Temp	Cattleshed	NTH
299	Gothaila	27+500-27+600	Ashok Ravi Das	5.7	Non-Signi	Permanent	House	SC
300	Gothaila	27+500-27+600	Shambhu Roy	6.65	Non-Signi	Permanent	House	SC
301	Gothaila	27+600-27+700	Montu Roy	3.9	Significant	Temp	House	SC
302	Gothaila	27+600-27+700	Hari Lal Rai	4.16	Non-Signi	Temp	House	SC
303	Gothaila	27+500-27+600	Ramnath Roy	10.4	Significant	Temp	Hut	SC
304	Gothaila	27+500-27+600	Ramnath Roy	6.6	Non-Signi	Semi Perma	House	NTH
305	Gothaila	27+700-27+800	Guddu Rai	10.5	Significant	Temp	House	SC
306	Gothaila	27+700-27+800	Ladu Rai	12.4	Significant	Temp	House	SC
307	Gothaila	27+700-27+800	Nishi Kant Rai	8+3.8BW	Significant	Temp	Study Centre	SC
308	Gothaila	27+800-27+900	Chaman Lal Sah	20.16	Significant	Temp	Workshop	BPL
309	Gothaila	27+800-27+900	Chaman Lal Sah	4.62	Significant	Permanent	Temple	NTH
310	Gothaila	27+800-27+900	Durga Nand Biswas	7.5	Significant	Temp	Shop	NTH
311	Gothaila	27+900-28+000	Madan Rai	6.44	Non-Signi	Temp	House	

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
312	Gothaila	27+600-27+700	Mahendra Biswas	15.12	Significant	Temp	Shop	NTH
313	Gothaila	27+900-28+000	Niranjan Mandal	19.8	Significant	Temp	Small Eatery	NTH
314	Gothaila	27+900-28+000	Niranjan Mandal	9.8	Significant	Temp	Godown	NTH
315	Gothaila (Jhaua)	27+900-28+000	Sunil Prasad Mondal	2.21	Significant	Temp	Kiosk	NTH
316	Gothaila	27+900-28+000	Sunil Prasad Mondal	2.04	Significant	Temp	Kiosk	NTH
317	Gothaila	27+900-28+000	Sunil Prasad Mondal	12.48	Significant	Temp	Shop	NTH
318	Gothaila (Jhua)	27+900-28+000	Rakesh Kumar Raj	11.52	Significant	Temp	Shop	NTH
319	Gothaila	28+000-28+100	Nabhu Ray	15	Significant	Temp	Hut	SC
320	Gothaila (Jhaua)	28+000-28+100	Sarju Ray	29.05	Significant	Temp	House	SC
321	Gothaila (Jhaua)	28+000-28+100	Santosh Ray	14.4	Significant	Temp	Shop	SC
322	Gothaila (Jhaua)	28+000-28+100	Santosh Ray	21	Significant	Temp	Shop	NTH
323	Gothaila (Jhaua)	28+000-28+100	Santosh Ray	9.36	Significant	Semi Perma	House	
324	Gothaila (Jhaua)	28+000-28+100	Ajay Rai	28	Significant	Temp	House	SC
325	Gothaila (Jhaua)	28+000-28+100	Ajay Rai	7.92	Significant	Temp	Cattleshed	NTH
326	Gothaila	25+100-28+200	Bhramdev Rai	14.57	Significant	Temp	Hut	SC
327	Gothaila (Jhaua)	28+100-28+200	Aghu Ray	12	Significant	Temp	Shop	SC
328	Gothaila (Jhaua)	28+100-28+200	Aghu Ray	10.08	Non-Signi	Temp	House	NTH
329	Gothaila (Jhaua)	28+100-28+200	Vishnu Dev Ray	15.19	Significant	Temp	Hut	SC
330	Gothaila (Jhaua)	28+200-28+300	Rajesh Rai	12	Significant	Temp	House	SC
331	Gothaila	28+200-28+300	Rajesh Rai	3.3	Significant	Temp	Kiosk	NTH
332	Gothaila	28+200-28+300	Rajesh Rai	16.8	Significant	Temp	Shop	NTH
333	Gothaila (Jhaua)	28+200-28+300	Pardeep Ray	14	Significant	Temp	Shop	SC
334	Gothaila (Jhaua)	28+200-28+300	Santoni Ray	36	Significant	Temp	House	SC
335	Gothaila (Jhaua)	28+200-28+300	Nurul Hoda	27.56	Significant	Temp	House	NTH
336	Gothaila (Jhaua)	28+200-28+300	Nurul Hoda	20.3	Significant	Temp	House	NTH
337	Gothaila (Jhaua)	28+200-28+300	Jahangir Shekh	36.4	Significant	Temp	House	
338	Gothaila (Jhaua)	28+200-28+300	Jahangir Shekh	7.48	Significant	Temp	Hut	NTH
339	Gothaila (Jhaua)	28+200-28+300	Mosim	65.8	Significant	Permanent	House	BPL
340	Gothaila (Jhaua)	28+200-28+300	Mosim	14.1	Significant	Temp	Cattleshed	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
341	Gothaila (Jhaua)	28+300-28+400	Md Anwar	8.25	Significant	Temp	Hut	NTH
342	Gothaila (Jhaua)	28+300-28+400	Md Anwar	21.56	Non-Signi	Permanent	House	
343	Gothaila (Jhaua)	28+300-28+400	Md Ayub Alam	38.5	Significant	Temp	House	BPL
344	Gothaila (Jhaua)	28+300-28+400	Hamid Raza	16.43	Significant	Temp	Shop	NTH
345	Gothaila (Jhaua)	28+400-28+500	Md Mujhafar Hussain	36	Significant	Temp	House	BPL
346	Gothaila (Jhaua)	28+400-28+500	Md Mujhafar Hussain	13.75	Significant	Temp	Kitchen	NTH
347	Gothaila (Jhaua)	28+500-28+600	Md Bajoowl	24	Significant	Temp	House	BPL
348	Gothaila (Jhaua)	28+500-28+600	Md Bajoowl	18	Significant	Temp	House	NTH
349	Gothaila (Jhaua)	28+500-28+600	Md Sarif	11.7	Significant	Temp	Cattleshed	NTH
350	Gothaila (Jhaua)	28+500-28+600	Md Sarif	27.5	Significant	Temp	House	NTH
351	Gothaila (Jhaua)	28+500-28+600	Md Habib	52.36	Significant	Temp	House	NTH
352	Gothaila (Jhaua)	28+500-28+600	Md Habib	10.15	Significant	Temp	House	NTH
353	Gothaila (Jhaua)	28+500-28+600	Md Habib	12.5	Significant	Temp	Cattleshed	NTH
354	Gothaila (Jhaua)	28+500-28+600	Md Kurban	12.09	Significant	Temp	Cattleshed	NTH
355	Gothaila (Jhaua)	28+500-28+600	Mohd Maksud	30	Significant	Temp	House	BPL
356	Gothaila (Jhaua)	28+500-28+600	Mohd Maksud	4	Significant	Temp	Kitchen	NTH
357	Gothaila (Jhaua)	28+500-28+600	Shabina Khatoon	22	Significant	Temp	House	BPL
358	Gothaila (Jhaua)	28+500-28+600	Shabina Khatoon	10	Significant	Temp	Cattleshed	NTH
359	Gothaila (Jhaua)	28+500-28+600	Mohd Mustak	11.5	Significant	Temp	Kitchen	NTH
360	Gothaila (Jhaua)	28+500-28+600	Mohd Mustak	13.2	Non-Signi	Permanent	House	
361	Gothaila (Jhaua)	28+500-28+600	Md Arif	27	Significant	Temp	House	NTH
362	Gothaila (Jhaua)	28+500-28+600	Md Arif	2.25	Significant	Semi Perma	Toilet	NTH
363	Gothaila (Jhaua)	28+500-28+600	Md Sajjad Haji	20	Non-Signi	Permanent	House	
364	Gothaila (Jhaua)	28+500-28+600	Md Sajjad Haji	16.32	Significant	Temp	Cattleshed	NTH
365	Gothaila (Jhaua)	28+500-28+600	Md Sajjad Haji	12.8	Significant	Temp	Cattleshed	NTH
366	Gothaila (Jhaua)	28+500-28+600	Sambir	23.25	Significant	Temp	Cattleshed	NTH
367	Gothaila (Jhaua)	28+500-28+600	Md Atabul	17.5	Significant	Temp	Cattleshed	BPL
368	Gothaila (Jhaua)	28+500-28+600	Md Majibul	46.2	Significant	Permanent	House	BPL
369	Gothaila (Jhaua)	28+500-28+600	Md Mazibul	17.05	Significant	Temp	House	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
370	Gothaila (Jhaua)	28+500-28+600	Md Alam	13.5	Significant	Temp	Cattleshed	NTH
371	Gothaila (Jhaua)	28+500-28+600	Md Alam	17.5	Significant	Temp	House	NTH
372	Gothaila (Jhaua)	28+700-28+800	Md Yunush	45.1	Significant	Permanent	House	
373	Gothaila (Jhaua)	28+700-28+800	Md Yunush	17.55	Significant	Temp	Cattleshed	NTH
374	Gothaila (Jhaua)	28+600-28+700	Shekh Samiul	14.4	Significant	Temp	Cattleshed	NTH
375	Gothaila (Jhaua)	28+700-28+800	Md Kaiser	38.54	Significant	Temp	House	
376	Jhaua	28+700-28+800	Md Ibrahim	14	Significant	Temp	Cattleshed	NTH
377	Jhaua	28+700-28+800	Md Alauddin	39.6	Significant	Permanent	House	
378	Jhaua	28+700-28+800	Abdul Gaffar	12.4	Significant	Temp	Cattleshed	BPL
379	Jhaua	28+700-28+800	Md Alam	138.96	Significant	Permanent	House	
380	Jhaua	28+700-28+800	Md Alam	24.5	Significant	Temp	Cattleshed	NTH
381	Jhaua	28+700-28+800	Md Alam	30	Significant	Temp	Hut	NTH
382	Jhaua	28+700-28+800	Akbar Ali	21.06	Non-Signi	Permanent	House	BPL
383	Jhaua	28+700-28+800	Nadir Jaha	14.8	Significant	Temp	House	BPL
384	Jhaua	28+700-28+800	Md Rashid Alam	15	Significant	Temp	House	BPL
385	Jhaua	28+800-28+900	Md Safikul	52	Significant	Permanent	House	BPL
386	Jhaua	28+800-28+900	Md Safikul	7.04	Significant	Temp	Cattleshed	NTH
387	Jhaua	28+800-28+900	Md Safikul	9.99	Significant	Temp	Hut	NTH
388	Jhaua	28+800-28+900	Mohd Nohid	13.12	Significant	Temp	Hut	NTH
389	Jhaua	28+800-28+900	Md Nurul Hoda	7.44	Significant	Temp	Shop	BPL
390	Jhaua	28+800-28+900	Md Nurul Hoda	43.2	Significant	Temp	House	NTH
391	Jhaua	28+800-28+900	Md Toheed	11.9	Significant	Temp	Cattleshed	NTH
392	Jhaua	28+800-28+900	Md Toheed	2.25	Significant	Permanent	Toilet	NTH
393	Jhaua	28+800-28+900	Mister	24.9	Significant	Temp	Cattleshed	BPL
394	Jhaua	28+800-28+900	Makimuddin	2.25	Significant	Permanent	Toilet	BPL
395	Jhaua	28+800-28+900	Ayub	6.72	Significant	Temp	Hut	NTH
396	Jhaua	28+800-28+900	Md Anishur	32.64	Significant	Temp	Shop	BPL
397	Jhaua	28+800-28+900	Mukhtar	19.5	Significant	Temp	Workshop	NTH
398	Kaldehi(Jhaua)	28+900-29+000	Titli Devi	14.25	Significant	Temp	House	SC

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
399	Gothaila (Jhaua)	28+900-29+000	Mahendar Ravi Das	3	Significant	Temp	Kiosk	SC
400	Gothaila (Jhaua)	28+900-29+000	Mahendar Ravi Das	19.8	Significant	Temp	House	NTH
401	Jhaua	28+900-29+000	Bishnu Dev Rabi Das	7.8	Non-Signi	Temp	House	SC
402	Jhaua	28+900-29+000	Bishnu Dev Rabi Das	6.75	Non-Signi	Temp	House	NTH
403	Jhaua	28+900-29+000	Bishnu Dev Rabi Das	3	Significant	Semi Perma	Toilet	NTH
404	Jhaua	28+900-29+000	Shekh Hafijuddin	40	Significant	Temp	Shop	NTH
405	Jhaua	28+900-28+100	Md Sazid	37	Significant	Temp	House	NTH
406	Kaldehi (Jhaua)	28+900-29+000	Mozahir	26.52	Significant	Temp	Shop	BPL
407	Kavamari (Jhaua)	28+900-29+100	Mozahir	3.23	Significant	Temp	Kiosk	NTH
408	Kavamari (Jhaua)	28+900-29+100	Md Mozahir	40	Significant	Temp	House	NTH
409	Kavamari (Jhaua)	28+900-29+000	Md Mostakim	35	Significant	Temp	House	NTH
410	Jhaua	29+000-29+100	Md Jabir	20	Significant	Temp	House	NTH
411	Jhaua	29+000-29+100	Md Jabir	6	Significant	Temp	Kitchen	NTH
412	Jhaua	29+000-29+100	Majuna	21	Significant	Temp	House	WHH
413	Jhaua	29+000-29+100	Md Naiyar	21.09	Significant	Temp	House	NTH
414	Jhaua	29+000-29+100	Naiyar	10.89	Significant	Temp	Kitchen	NTH
415	Jhaua	29+000-29+100	Md Sabir	31.92	Significant	Temp	House	BPL
416	Jhaua	29+000-29+100	Md Sabir	4.4	Significant	Temp	Kitchen	NTH
417	Kaldehi (Sonapur)	29+000-29+100	Md Guffar	12.96	Significant	Temp	Hut	BPL
418	Kaldehi (Sonapur)	29+000-29+100	Panaullah	9.2	Significant	Temp	Cattleshed	BPL
419	Kaldehi (Sonapur)	29+000-29+100	Md Ahmad Hussain	8.25	Non-Signi	Temp	House	NTH
420	Kavamari (Jhaua)	28+000-28+100	Manouwar Alam	13.3	Non-Signi	Temp	House	BPL
421	Kaldehi	29+000-29+100	Manauwar Alam	12.42	Significant	Temp	House	NTH
422	Kaldehi	29+000-29+100	Mhjibul Alam	49.02	Significant	Semi Perma	House	BPL
423	Kaldehi	29+000-29+100	Majibul Alam	10.26	Significant	Temp	Cattleshed	NTH
424	Kaldehi	29+000-29+100	Sultan	29.75	Significant	Temp	House	NTH
425	Kaldehi	29+000-29+100	Sultan	20	Significant	Temp	Cattleshed	NTH
426	Kaldehi	29+000-29+100	Sultan	15.54	Significant	Temp	Cattleshed	NTH
427	Kaldehi	29+100-29+200	Md Raiful, Md Samil	16.5	Significant	Temp	Cattleshed	BPL



S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
428	Kaldehi	29+100-29+200	Md Salim	55	Significant	Temp	House	BPL
429	Kaldehi	29+100-29+200	Md Salim	19.5	Significant	Temp	Cattleshed	NTH
430	Kaldehi	29+100-29+200	Yusuf Shekh	13.5	Significant	Temp	Hut	NTH
431	Kaldehi	29+100-29+200	Gulam Mustafa	36.75	Non-Signi	Permanent	House	BPL
432	Kaldehi	29+100-29+200	Gulam Mustafa	17.4	Significant	Temp	Cattleshed	NTH
433	Kaldehi	29+100-29+200	Md Sahrul	20	Significant	Temp	House	BPL
434	Kaldehi	29+100-29+200	Md Sahrul	7.5	Significant	Temp	Kitchen	NTH
435	Kaldehi	29+100-29+200	Janhara Khatun	13.5	Significant	Temp	Hut	BPL
436	Kaldehi	29+100-29+200	Md Mujhmir	30.25	Significant	Temp	House	BPL
437	Kaldehi	29+100-29+200	Md Mujhmir	8.75	Significant	Temp	Kitchen	NTH
438	Kaldehi	29+100-29+200	Md Mehraj	24.75	Significant	Temp	House	NTH
439	Kaldehi	29+200-29+300	Md Alam	20	Significant	Temp	Cattleshed	NTH
440	Kaldehi	29+300-29+400	Md Alam	30.8	Significant	Temp	House	NTH
441	Kaldehi	29+300-29+400	Md Alam	19.95	Significant	Temp	House	NTH
442	Kaldehi	29+200-29+300	Kairun Nisha	15	Significant	Temp	House	BPL
443	Kaldehi	29+200-29+300	Md Salauddin	19.22	Significant	Temp	House	BPL
444	Kaldehi	29+300-29+400	Md Mojahid	10.5	Significant	Temp	Cattleshed	NTH
445	Kaldehi	29+300-29+400	Md Mojahid	35	Significant	Temp	House	NTH
446	Kaldehi	29+300-29+400	Md Azabul	10.5	Significant	Temp	Hut	BPL
447	Kaldehi	29+300-29+400	Md Azabul	12	Significant	Temp	Cattleshed	NTH
448	Kaldehi	29+300-29+400	Md Ajabool	19.2	Significant	Temp	House	NTH
449	Kaldehi	29+300-29+400	Md Hasibul	20	Significant	Temp	House	BPL
450	Kaldehi	29+300-29+400	Md Hasibul	9	Significant	Temp	Kitchen	NTH
451	Kaldehi	29+300-29+400	Sarful Husain	15.75	Significant	Temp	House	BPL
452	Kaldehi	29+300-29+400	Sarful Husain	9.6	Significant	Temp	Cattleshed	NTH
453	Kaldehi	29+300-29+400	Sarful Husain	8.75	Significant	Temp	Hut	NTH
454	Kaldehi	29+300-29+400	Mashibul	12.25	Significant	Temp	House	BPL
455	Kaldehi	29+300-29+400	Mashibul	11.25	Significant	Temp	Kitchen	NTH
456	Kaldehi	29+300-29+400	Md Manjar	45	Significant	Temp	House	NTH
457	Kaldehi	29+300-29+400	Md Siddik	12	Significant	Temp	Hut	WHH
458	Kaldehi	29+300-29+400	Md Siddik	33.75	Significant	Temp	House	NTH
459	Kaldehi	29+300-29+400	Md Anwar	34	Significant	Temp	House	
460	Kaldehi	29+300-29+400	Md Anjar	20	Significant	Semi Perma	House	BPL

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
461	Kaldehi	29+300-29+400	Jahrana Khatoon	18	Significant	Temp	Shop	WHH
462	Kaldehi	29+400-29+500	Jahrana Khatoon	42	Significant	Temp	House	NTH
463	Kaldehi	29+400-29+500	Md Rijwan	12	Significant	Temp	House	BPL
464	Kaldehi	29+400-29+500	Md Faruk	35	Significant	Temp	House	NTH
465	Kaldehi	29+400-29+500	Md Ainul	42	Significant	Temp	House	NTH
466	Kaldehi	29+400-29+500	Md Sohib	4	Significant	Temp	Kiosk	WHH
467	Kaldehi	29+400-29+500	Haji Anamul Haque	37.5	Significant	Semi Perma	Shop	NTH
468	Kaldehi	29+400-29+500	Haji Anamul Haque	5	Significant	Temp	Kiosk	NTH
469	Kaldehi	29+400-29+500	Md Jalil	8	Significant	Temp	Shop	
470	Kaldehi	29+400-29+500	Md Jalil	9	Non-Signi	Semi Perma	Shop	
471	Kaldehi (Jhaua)	29+400-29+500	Sheikh Kasim	8.4	Non-Signi	Semi Perma	Shop	
472	Kaldehi (Sonapur)	29+400-29+500	Sheikh Kasim	12	Non-Signi	Semi Perma	Shop	
473	Kaldehi	29+400-29+500	Md Azad Ali	4.05	Non-Signi	Semi Perma	Shop	BPL
474	Kaldehi	29+400-29+500	Md Azad Ali	6	Non-Signi	Semi Perma	Shop	
475	Kaldehi	29+400-29+500	Md Masrur Alam	6.6	Non-Signi	Semi Perma	Shop	
476	Kaldehi	29+400-29+500	Md Masrur Alam	12	Non-Signi	Semi Perma	Workshop	
477	Kaldehi	29+400-29+500	Abdul Hamid	6.45	Non-Signi	Semi Perma	Shop	
478	Kaldehi	29+400-29+500	Abdul Hamid	12	Non-Signi	Semi Perma	Shop	
479	Kaldehi	29+400-29+500	Md Nadeem Akhtar	3.3	Non-Signi	Semi Perma	Workshop	
480	Kaldehi	29+400-29+500	Md Nawed Akhtar	3.3	Non-Signi	Semi Perma	Workshop	
481	Kaldehi	29+500-29+600	Sulaiman	12.6	Non-Signi	Semi Perma	Shed	
482	Kaldehi	29+500-29+600	Manoj Karmakar	33.6	Significant	Temp	Hut	BPL
483	Kaldehi	29+600-29+700	Md Jamshed Alam	8.2	Significant	Temp	Cattleshed	NTH
484	Kaldehi	29+700-29+800	Md Akhtar Reza	21	Significant	Temp	House	WHH
485	Kaldehi	29+700-29+800	Vijay Singh	13.75	Non-Signi	Semi Perma	Workshop	
486	Kaldehi	29+800-29+900	Majnu	24.8	Significant	Temp	House	NTH
487	Kaldehi	29+800-29+900	Abdul Quddus	13.2	Significant	Temp	Shop	BPL
488	Kaldehi	29+800-29+900	Amna Khatoon	64.35	Significant	Semi Perma	Shop	WHH
489	Kaldehi	29+800-29+900	Dukhri Khatoon	21	Non-Signi	Semi Perma	House	BPL
490	Kaldehi	30+000-30+100	Mithelesh Chaudhri	6.5	Significant	Semi Perma	Shop	NTH
491	Kaldehi (Sonapur)	30+000-30+100	Md Rashid Alam	32.2	Significant	Temp	Shop	NTH
492	Kaldehi	30+100-30+200	Aanandi Chowdhary	22.4	Non-Signi	Permanent	Shop	BPL
493	Kaldehi	30+000-30+200	Khabari Chowdhary	25.2	Non-Signi	Semi Perma	Small Eatery	
494	Kaldehi	30+100-30+200	Md Aniyul	12	Significant	Temp	Cattleshed	NTH
495	Meenapur	31+500-31+600	Rajender Rai	26	Significant	Temp	Small Eatery	SC

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
496	Meenapur	31+500-31+600	Md Arman	6	Significant	Temp	Kiosk	NTH
497	Meenapur	31+500-31+600	Sankar Yadav	13.5	Significant	Temp	Small Eatery	BPL
498	Meenapur	31+500-31+600	Md Mehraaz	27.5	Significant	Temp	Workshop	BPL
499	Meenapur	31+500-31+600	Kaiser Alam	67.5	Significant	Temp	Workshop	NTH
500	Tahirpur (Salmari)	34+900-35+000	Md Kuddush	24	Significant	Temp	Cattleshed	BPL
501	Tahirpur (Salmari)	35+100-35+200	Md Julkar Nain	17.98	Significant	Temp	Shop	NTH
502	Tahirpur(Salmari)	35+300-35+400	Md Nadeem Anwar	3.2	Significant	Temp	Kiosk	NTH
503	Tahirpur(Salmari)	35+300-35+400	Md Mashood Anwar	3.4	Significant	Temp	Kiosk	NTH
504	Tahirpur(Salmari)	35+300-35+400	Master Ahad	1.5	Non-Signi	Temp	Store Room	
505	Tahirpur(Salmari)	35+400-35+500	Md Zunaid Alam	2.21	Significant	Temp	Kiosk	NTH
506	Tahirpur(Salmari)	35+500-35+600	Md Samad	2.25	Significant	Temp	Kiosk	BPL
507	Tahirpur(Salmari)	35+800-35+900	Md Miste Alam	4.25+12.5BW	Non-Signi	Permanent	Toilet	NTH
508	Pindhal (Shoragachhi)	35+800-35-900	Md Galam Haider	2.89	Significant	Semi Perma	Toilet	NTH
509	Pindhal(Dhandkhora)	37+000-37+100	Rajinath Mojumdar	13BW	Significant	Semi Perma	Boundary	NTH
510	Pindhal (Dholmara)	37+300-37-400	Ashok Kumar Agarwal	6.4+38BW	Non-Signi	Semi Perma	Farm House	NTH
511	Tengri	38+700-38+800	Md Tarik	44BW	Significant	Temp	Boundary	NTH
512	Tengri(Govindpur)	38+800-38+900	Md Yusub	9	Significant	Temp	Cattleshed	BPL
513	Tengri(Govindpur)	38+800-38+900	Md Aslam	18BW	Significant	Semi Perma	Boundary	NTH
514	Tengri(Govindpur)	38+800-38+900	Jaberul Khatun	9.75	Non-Signi	Temp	Cattleshed	BPL
515	Tengri(Govindpur)	38+900-38+900	Kalimuddin	3	Non-Signi	Semi Perma	House	BPL
516	Tengri(Govindpur)	38+900-39+000	Vijay Kumar	12BW	Significant	Semi Perma	Boundary	NTH
517	Tengri(Govindpur)	39+000-39+100	Md Muslim Ahmad	2.25	Non-Signi	Temp	Cattleshed	
518	Tengri(Govindpur)	39+000-39+100	Marjana Khatun	3	Non-Signi	Temp	Hut	BPL
519	Tengri(Govindpur)	39+400-39+500	Gulam Mustafa	1.25	Non-Signi	Semi Perma	Shop	NTH
520	Tengri(Govindpur)	39+600-39+700	Md Anzar Alam	3.45+24BW	Non-Signi	Temp	Shop	
521	Teghra	39+600-39+700	Arun Jain (Chotu)	42BW	Significant	Temp	Boundary	
522	Teghra	39+600-39+700	Md Jamil Akhtar	3.7BW	Significant	Temp	Boundary	BPL
523	Teghra	39+600-39+700	Md Raesh	5.6	Significant	Temp	Kiosk	NTH
524	Mukuria (Narayanpur)	40+100-40+200	Abdul Kadir	6.72	Significant	Temp	Hut	
525	Mukuria (Narayanpur)	40+100-40+200	Soni Devi	10.25	Significant	Semi Perma	Hut	NTH
526	Mukuria (Narayanpur)	40+200-40+300	Md Ashamuddin	12	Significant	Temp	Cattleshed	BPL
527	Mukuria (Narayanpur)	40+300-40+400	Dulal Sharma	4.37	Significant	Temp	Kiosk	NTH
528	Mukuria (Narayanpur)	40+600-40+700	Bhusheshwar Yadav	31.02	Significant	Temp	Small Eatery	WHH
529	Mukuria (Narayanpur)	40+600-40+700	Arjun Sharma	16.28	Significant	Temp	Small Eatery	NTH
530	Mukuria (Narayanpur)	40+600-40+700	Rajender Yadav	5.5	Significant	Temp	Kiosk	BPL

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
531	Mukuria (Narayanpur)	40+600-40+700	Dev Narayan Yadav	3.74	Significant	Temp	Kiosk	BPL
532	Mukuria (Narayanpur)	40+600-40+700	Subhas Ghosh	4.2	Significant	Temp	Kiosk	NTH
533	Mukuria (Narayanpur)	40+600-40+700	Ratan Kumar Yadav	18.7	Significant	Semi Perma	Shop	BPL
534	Mukuria (Narayanpur)	40+600-40+700	Nakul Kumar Yadav	18.7	Significant	Permanent	Shop	NTH
535	Mukuria (Narayanpur)	40+600-40+700	Ramdev Yadav	27.73	Significant	Semi Perma	Workshop	BPL
536	Mukuria	42+400-42+500	Imasuddin	10.44	Non-Signi	Semi Perma	Shop	NTH
537	Nauranga	43+600-43+700	Md Zafar	6.8	Non-Signi	Temp	Workshop	
538	Jitawarpur	44+200-44+300	Indara Mohan Sah	2	Non-Signi	Temp	Clinic	NTH
539	Jitawarpur	44+900-44+400	Md Mustak Ali	6.75	Significant	Temp	Store Room	NTH
540	Jitawarpur	44+300-44+400	Hajari	10BW	Significant	Semi Perma	Boundary	
541	Jitawarpur	44+300-44+400	Md Shabir	5.44	Non-Signi	Temp	Store Room	BPL
542	Jitawarpur	44+300-44+400	Md Jayed Alam	6.6	Non-Signi	Temp	Store Room	NTH
543	Jitawarpur	44+300-44+400	Md Alwar	10.6	Significant	Temp	Store Room	NTH
544	Jitawarpur	44+300-44+400	Md Naresh	4.2	Non-Signi	Temp	Store Room	BPL
545	Sultanpur	44+800-44+900	Ramdev Saha	3.5	Non-Signi	Temp	Cattleshed	BPL
546	Sultanpur	45+200-45+300	Malika Khatoon	13.5	Significant	Temp	Poultry Farm	NTH
547	Sultanpur	45+200-45+300	Malika Khatoon	15.95	Non-Signi	Temp	Workshop	
548	Sultanpur	45+200-45+300	Malika Khatoon	17	Non-Signi	Temp	Workshop	NTH
549	Sultanpur (Mahendra Chowk)	45+300-45+400	Md Yunus	7.75	Non-Signi	Semi Perma	Shop	NTH
550	Sultanpur	45+300-45+400	Abdul Rahman	10.65	Non-Signi	Temp	Petrol Pump	NTH
551	Sultanpur(Barsoi)	45+300-45+400	Sakabar	2.55	Significant	Temp	Kiosk	BPL
552	Sultanpur(Barsoi)	45+300-45+400	Rajesh Kr Mandal	15.6	Significant	Temp	Small Eatery	BPL
553	Sultanpur (Mahendra Chowk)	45+300-45+400	Tinku Mandal	13.8	Non-Signi	Temp	Small Eatery	BPL
554	Sultanpur (Barosi)	45+700-45+800	Sanjay Kr Basak	15.05	Significant	Temp	Shop	
555	Sultanpur (Barosi)	45+700-45+800	Achut Nandan Basak	12	Significant	Temp	Shed	NTH
556	Sultanpur (Barosi)	45+700-45+800	Abhi Bhusan Basak	12	Significant	Temp	Store Room	BPL
557	Sultanpur (Barosi)	45+800-45+900	Bichitra Basak	8.1	Significant	Temp	Cattleshed	SC
558	Sultanpur (Barosi)	45+800-45+900	Prashant Kr Basak	14	Non-Signi	Temp	Garage	SC
559	Sultanpur (Barosi)	45+800-45+900	Pardip Basak	12.75	Non-Signi	Permanent	House	SC
560	Sultanpur (Barosi)	45+900-46+000	Pawan Maldar	7	Significant	Temp	Workshop	WHH
561	Sultanpur (Barosi)	45+900-46+000	Abhijeet Kar	8.7	Non-Signi	Temp	Shop	
562	Sultanpur (Barosi)	45+900-46+000	Abhijeet Kar	19	Non-Signi	Permanent	Shop	NTH
563	Sultanpur (Barosi)	45+900-46+000	Sapan Mandal	10.2	Non-Signi	Temp	Workshop	
564	Sultanpur (Barosi)	46+000-46+100	Shraban Kumar Das	38.18	Significant	Permanent	Shop	NTH
565	Sultanpur (Barosi)	46+000-46+100	Chandana Saha	38.25	Significant	Permanent	Shop	WHH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
566	Sultanpur (Barosi)	46+000-46+100	Prabhas Chandra Das	28	Significant	Permanent	Shop	NTH
567	Sultanpur (Barosi)	46+000-46+100	Savitri Dutta	29.25	Significant	Permanent	Shop	SC
568	Sultanpur (Barosi)	46+000-46+100	Jyotindra Kumar Dutta	16.8	Significant	Semi Perma	Shop	SC
569	Sultanpur (Barosi)	46+100-46+200	Nity Ranjan Das	22.23	Significant	Temp	Shop	BPL
570	Sultanpur (Barosi)	46+100-46+200	Malay Kumar Basak	17.2	Significant	Temp	Shop	SC
571	Sultanpur (Barosi)	46+100-46+200	Shibnath Das	10	Significant	Temp	Small Eatery	SC
572	Sultanpur (Barosi)	46+200-46+300	Praveer Goswami	5.55	Non-Signi	Temp	Small Eatery	SC
573	Sultanpur (Barosi)	46+300-46+400	Md Nasim	43.93	Significant	Temp	Shed	SC
574	Sultanpur (Barosi)	46+800-46+900	Md Ahsan	15.3	Significant	Temp	Shop	NTH
575	Sultanpur (Barosi)	46+800-46+900	A Azad	7BW	Significant	Semi Perma	Boundary	NTH
576	Sultanpur (Barosi)	46+900-47+000	Saha Farid	1.68	Significant	Semi Perma	Toilet	BPL
577	Sultanpur (Barosi)	47+00-47+100	Salma Khatoon	27.9	Significant	Temp	Shop	BPL
578	Sultanpur (Barosi)	46+900-47+000	Md Naimuddin	15.37	Significant	Semi Perma	Small Eatery	BPL
579	Sultanpur (Barosi)	47+000-47+100	Ramuwala Saha	6	Non-Signi	Semi Perma	Shed	NTH
580	Sultanpur (Barosi)	47+000-47+100	Lalo Khatoon	4.4	Significant	Temp	House	NTH
581	Sultanpur (Barosi)	47+000-47+100	Lalo Khatoon	30.8	Significant	Temp	House	NTH
582	Sultanpur (Barosi)	47+000-47+100	Md Munna	1.8	Significant	Temp	Kiosk	NTH
583	Sultanpur (Barosi)	47+00-47+100	Fazlur Rahman	5.7	Significant	Semi Perma	Shop	WHH
584	Sultanpur (Barosi)	47+000-47+100	Md Majrul	16.5	Significant	Semi Perma	Shop	BPL
585	Sultanpur (Barosi)	47+000-47+100	Md Kshamrool	2.55	Significant	Temp	Kiosk	BPL
586	Sultanpur (Barosi)	47+000-47+200	Md Mir Husain	3.6	Significant	Temp	Kiosk	BPL
587	Sultanpur (Barosi)	47+00-47+100	Md Mojammlil	27.6	Non-Signi	Temp	Shop	BPL
588	Sultanpur (Barosi)	47+000-47+100	Md Haroon	18	Significant	Temp	Store Room	NTH
589	Sultanpur (Barosi)	47+000-47+100	Ramjan Ali	5.44+7BW	Significant	Permanent	Toilet	NTH
590	Sultanpur (Barosi)	47+000-47+100	Ramjan Ali	9.92	Significant	Temp	Shop	NTH
591	Sultanpur (Barosi)	47+000-47+100	Ramjan Ali	18.8	Significant	Temp	Shop	NTH
592	Sultanpur (Barosi)	47+000-47+100	Samsad Alam	8.51	Significant	Temp	Shop	NTH
593	Sultanpur (Barosi)	47+100-47+200	Bahadur Ray	1.7	Significant	Temp	Kiosk	SC
594	Sultanpur (Barosi)	47+100-47+200	Sunil Saha	7	Significant	Semi Perma	Shed	
595	Sultanpur (Barosi)	47+100-47+200	Joshna Devi	5.2	Significant	Temp	Small Eatery	WHH
596	Sultanpur (Barosi)	47+100-47+200	Rohit Kr Bhagat	6.25	Significant	Temp	Small Eatery	
597	Sultanpur (Barosi)	47+100-47+200	Rohit Kr Bhagat	2.9	Non-Signi	Semi Perma	Shop	
598	Sultanpur (Barosi)	47+200-47+300	Mohammad Iftekhar Alam	8.8	Non-Signi	Permanent	Shop	
599	Sultanpur (Barosi)	47+200-47+300	Manik Goshwami	21.5	Significant	Temp	Shed	NTH
600	Sultanpur (Barosi)	47+200-47+300	Bablu	4	Significant	Temp	Kiosk	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
601	Molanapur	48+000-48+100	Jaweda Equbal	12BW	Significant	Semi Perma	Boundary	NTH
602	Raghunathpur	49+200-49+300	Shankar Goswami	3.04	Non-Signi	Temp	Small Eatery	NTH
603	Raghunathpur	49+300-49+400	Md Samim Akhtar	12.25	Significant	Temp	Cattleshed	BPL
604	Raghunathpur	49+700-49+800	Md Usman Gani	6.25	Significant	Temp	Shop	BPL
605	Raghunathpur	49+400-49+500	Rajendra Chand Yadav	10.5	Significant	Temp	Cattleshed	NTH
606	Raghunathpur	49+800-49+900	Md Shamrul	3.51	Significant	Semi Perma	Cattleshed	NTH
607	Raghunathpur	49+800-49+900	Md Ali Hasan	8.36	Non-Signi	Temp	Workshop	
608	Raghunathpur	49+800-49-900	Pratap Thakur	5.06	Significant	Temp	Kiosk	BPL
609	Raghunathpur	49+900-50+000	Umesh Mahto	2.7	Significant	Temp	Kiosk	NTH
610	Raghunathpur	49+900-50+000	Md Alsam	2.89	Significant	Temp	Kiosk	NTH
611	Raghunathpur	50+000-50+100	Rina Devi	20	Significant	Temp	Shop	SC
612	Raghunathpur	50+100-50+200	Md Firoz Alam	3.24	Significant	Temp	Kiosk	NTH
613	Raghunathpur	50+100-50+200	Shankar Rajek	19.47	Significant	Semi Perma	Generator Room	SC
614	Raghunathpur	50+300-50+400	Shankar Kumar Varma	8.36	Significant	Temp	Shop	NTH
615	Raghunathpur	50+300-50+400	Devendra Thakur	9.3	Significant	Temp	Hut	NTH
616	Raghunathpur	50+400-50+500	Vikram Kumar Sah	14.88	Significant	Permanent	Shop	NTH
617	Raghunathpur	50+300-50+400	Chandan Saha	4.94	Significant	Temp	Kiosk	NTH
618	Raghunathpur	50+300-50+400	Chandan Saha	5.6	Significant	Temp	Shop	NTH
619	Raghunathpur	50+400-50+500	Madan Mohan Mishra	93.6	Significant	Semi Perma	Shop	NTH
620	Raghunathpur	50+400-50+500	Kishan Prasad Sah	23.1	Significant	Semi Perma	Shop	NTH
621	Raghunathpur	50+400-50+500	Pappu Shah	1.6	Significant	Temp	Kiosk	BPL
622	Raghunathpur	50+400-50+500	Khetish Mandal	2.76	Significant	Temp	Kiosk	NTH
623	Raghunathpur	50+400-50+500	Md Shakil Ahmad	18	Significant	Semi Perma	Shop	NTH
624	Raghunathpur	50+400-50+500	Md Hazarat	11.7	Significant	Temp	Small Eatery	NTH
625	Raghunathpur	50+400-50+500	Sita Ram Shah	4.48	Non-Signi	Semi Perma	Shop	BPL
626	Raghunathpur	50+400-50+500	Shankar Prasad Sah	14.84	Significant	Semi Perma	Shop	NTH
627	Raghunathpur	50+400-50+500	Rohit Kumar Gupta	9.24	Significant	Temp	Shop	NTH
628	Raghunathpur	50+500-50+600	Suman Paswan	3.61	Significant	Temp	Kiosk	SC
629	Raghunathpur	50+500-50+600	Raj Kumar Sah	12.95	Significant	Temp	Shop	NTH
630	Raghunathpur	50+500-50+600	Raj Kumar Sah	2.89	Significant	Temp	Kiosk	NTH
631	Raghunathpur	50+500-50+600	Munnilal Sah	40	Significant	Temp	Resi+Com	BPL
632	Raghunathpur	50+500-50+600	Munnilal Sah	4.18	Significant	Temp	Kiosk	NTH
633	Raghunathpur	50+500-50+600	Sonu Bhagat	7.5	Significant	Temp	Shop	NTH
634	Raghunathpur	50+500-50+600	Santi Devi	19.68	Significant	Temp	Shop	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
635	Raghunathpur	50+500-50+600	Santi Devi	5.25	Significant	Temp	House	NTH
636	Raghunathpur	50+500-50+600	Shiv Nandan Rajak	57.12	Significant	Semi Perma	House	SC
637	Raghunathpur	50+500-50+600	Shiv Nandan Rajak	15.3	Significant	Temp	House	NTH
638	Raghunathpur	50+500-50+600	Shiv Nandan Rajak	15.6	Significant	Temp	Store Room	NTH
639	Raghunathpur	50+500-50+600	Md Hasmat	3.8	Significant	Temp	Kiosk	NTH
640	Raghunathpur	50+500-50+600	Md Hasmat	5.2	Non-Signi	Temp	Kiosk	NTH
641	Raghunathpur	50+500-50+600	Kushmi Devi	4.41	Significant	Semi Perma	Temple	SC
642	Raghunathpur	50+600-50+700	Sayad Md Ali	12.9	Significant	Temp	Small Eatery	NTH
643	Raghunathpur	50+600-50+700	Sayad Md Ali	9.46	Non-Signi	Temp	House	
644	Raghunathpur	50+600-50+700	Ashok Manda	16.96	Significant	Temp	House	BPL
645	Raghunathpur	50+600-50+700	Md Jamshed	31.9	Significant	Temp	House	
646	Raghunathpur	50+600-50+700	Narayan Paswan	19.44	Significant	Temp	Resi+Com	SC
647	Raghunathpur	50+600-50+700	Md Kamal	19.61	Non-Signi	Temp	Resi+Com	
648	Raghunathpur	50+600-50+700	Shahida Khatoon	8.1	Non-Signi	Temp	House	BPL
649	Raghunathpur	50+700-50+800	Shahida Khatoon	12.96	Significant	Temp	Shop	NTH
650	Raghunathpur	50+700-50+800	Shahida Khatoon	6.3	Non-Signi	Temp	House	
651	Raghunathpur	50+600-50+700	Abdul Jabbar	9.8	Significant	Temp	House	BPL
652	Raghunathpur	50+600-50+700	Md Azad	40.47	Significant	Temp	House	BPL
653	Raghunathpur	50+600-50+700	Md Abdul Hassim	10.35	Significant	Temp	House	BPL
654	Raghunathpur	50+700-50+800	Bappi Shekh	41.4	Significant	Temp	Resi+Com	BPL
655	Raghunathpur	50+700-50+800	Md Kalu	11.1	Non-Signi	Temp	House	BPL
656	Raghunathpur	50+700-50+800	Teku Maldar	17.63	Significant	Temp	Hut	SC
657	Raghunathpur	50+800-50+900	Shobha Devi	13.2	Significant	Temp	Resi+Com	SC
658	Raghunathpur	50+800-50+900	Shobha Devi	3.24	Significant	Temp	Hut	NTH
659	Raghunathpur	50+800-50+900	Md Mukhtar	11	Significant	Temp	Poultry Farm	BPL
660	Raghunathpur	50+800-50+900	Md Mukhtar	10.85	Significant	Temp	Small Eatery	NTH
661	Raghunathpur	51+800-51+900	Najim	7.2+9BW	Significant	Temp	Store Room	NTH
662	Raghunathpur	52+100-52+200	Ranjeet	29.44	Significant	Temp	House	NTH
663	Manman	52+900-53+000	Md Tajuddin (Md Nahid S/O Tajuddin)	1.45	Non-Signi	Semi Perma	Shop	
664	Manman	53+000-53+100	Abid Ansari (Wahida Khatun W/O Abid Ansari)	4.64	Non-Signi	Temp	Garage	NTH
665	Manman	53+000-53+100	Zaibu Miya	3.9	Non-Signi	Temp	Cattleshed	NTH
666	Manman	53+200-53+300	Muslim Ansari	8.1	Significant	Temp	Shop	NTH
667	Manman	53+200-53+300	Md Mazar Ansari (Md Abdul Kuddis Ansari)	9.54	Non-Signi	Temp	Shop	WHH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
668	Manman	53+500-53+600	Md Rasid Ansari	5.98	Non-Signi	Temp	Shop	NTH
669	Manman	53+500-53+600	Md Muskat Sekh	13.5	Significant	Temp	Shop	BPL
670	Manman	53+800-53+900	Md Tanveer	3.74	Non-Signi	Temp	Shop	BPL
671	Lahgaria	53+900-54+000	Ijibul	23.4	Significant	Temp	Shop	NTH
672	Lahgaria	53+900-54+000	Md Sakib Alam	2.4	Significant	Temp	Kiosk	BPL
673	Lahgaria	53+900-54+000	Turshed Alam	2.52	Non-Signi	Temp	Kiosk	BPL
674	Lahgaria	54+100-54+200	Md Israil	10.12	Significant	Temp	Clinic	NTH
675	Lahgaria	54+100-54+200	Md Israil	4.9	Significant	Temp	Small Eatery	NTH
676	Lahgaria	54+000-54+100	Md Rustum Alam Ansari	6.9	Non-Signi	Temp	Shop	WHH
677	Lahgaria	54+100-54+200	Md Abdus Salam Ansari	6.8	Significant	Temp	Shop	NTH
678	Lahgaria	54+100-54+200	Malbi Majbur Rahman	3.1	Non-Signi	Semi Perma	Shop	NTH
679	Lahgaria	54+200-54+300	Shah Alam	10.65	Non-Signi	Temp	Shop	BPL
680	Lahgaria	54+200-54+300	Padma Devi	10.2	Significant	Temp	Cattleshed	NTH
681	Lahgaria	54+300-54+400	Paidep Yadav	1.4	Non-Signi	Semi Perma	Shop	
682	Lahgaria	54+300-54+400	Kabul Yadav	25.2+4BW	Non-Signi	Permanent	House	
683	Lahgaria	54+400-54+500	Md Hasim Ansari	3.57	Significant	Temp	Shop	BPL
684	Lahgaria	54+500-54+600	Pappu Thakur	6.6	Significant	Temp	Shop	BPL
685	Lahgaria	54+500-54+600	Md Njim Ansari	9.75	Non-Signi	Temp	Shop	WHH
686	Lahgaria	54+500-54+600	Swapan Kumar Yadav	5.4	Non-Signi	Temp	Small Eatery	NTH
687	Lahgaria	54+500-54+600	Dipak Thakur	5.6	Significant	Temp	Kiosk	NTH
688	Lahgaria	54+500-54+600	Md Arfat Alam	3	Significant	Temp	Shop	WHH
689	Lahgaria	54+500-54+600	Md Abul Quasim	15	Significant	Temp	Shop	BPL
690	Lahgaria	54+500-54+600	Sabul Thakur	13	Significant	Temp	Shop	BPL
691	Lahgaria	54+500-54+600	Md Niyaz Ansari	3.2	Significant	Temp	Shop	BPL
692	Lahgaria	54+500-54+600	Md Aawes Ansari	9.46	Significant	Temp	Shop	BPL
693	Lahgaria	54+500-54+600	Jainul Ansari	6.08	Non-Signi	Temp	Shop	BPL
694	Lahgaria	54+500-54+600	Md Mujahid Ansari	6.4	Non-Signi	Temp	Shop	NTH
695	Lahgaria	54+600-54+700	Md Abdul Barik Ansari	4	Significant	Temp	Shop	BPL
696	Lahgaria	54+600-54+700	Md Tayab	11.2	Significant	Temp	Shop	BPL
697	Lahgaria	54+600-54+700	Md Kamruddin Ansari	2.38	Significant	Temp	Kiosk	NTH
698	Lahgaria	54+600-54+700	Md Chirag Alam (Md Muslim)	4.5	Significant	Temp	Shop	NTH
699	Daula	54+900-55+000	Ganesh Rai	32.55	Significant	Temp	House	SC
700	Daula	54+900-55+000	Rajiv Rai	30.71	Significant	Temp	House	SC
701	Daula	54+900-55+000	Suren Rai	18.4	Significant	Temp	House	SC
702	Daula	54+900-55+000	Dhreen Rai	16	Significant	Temp	House	SC



S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
703	Daula(Lahgaria)	54+900-55+000	Virendar Rai	12.8	Significant	Temp	House	SC
704	Daula	54+900-55+000	Prem Lal Rai	31.2	Significant	Temp	House	SC
705	Daula	55+000-55+100	Rambha Devi	13.2	Significant	Temp	Cattleshed	ST
706	Daula	55+000-55+100	Silmohan Rai	24.75	Significant	Temp	House	ST
707	Daula	55+000-55+100	Lila Devi	10.5	Significant	Temp	Cattleshed	SC
708	Daula	55+000-55+100	Sabul Rai	13.44	Significant	Temp	House	SC
709	Daula	55+000-55+100	Sabul Rai	9	Significant	Temp	Kitchen	NTH
710	Daula	55+000-55+100	Kishan Rai	9.9	Non-Signi	Temp	House	ST
711	Daula	55+100+55+200	Jalisha Khatun	11.25	Significant	Temp	Kitchen	NTH
712	Daula	55+100+55+200	Nihari Khatun	5.5	Non-Signi	Temp	House	BPL
713	Daula	55+200-55+300	Kokila Devi	17.5	Significant	Temp	House	ST
714	Daula	55+300-55+400	Jori Lal Rai	1.5	Significant	Temp	Kiosk	SC
715	Daula	55+300-55+400	Arijun Rai	1.28	Non-Signi	Temp	Shop	SC
716	Daula	55+300-55+400	Rajan Rai	5.6+19BW	Significant	Semi Perma	Shop	SC
717	Daula	55+300-55+400	Khushrule Rai	7.44	Significant	Permanent	House	SC
718	Daula	55+300-55+400	Chamni Devi	2.59	Non-Signi	Temp	House	SC
719	Daula	55+400-55+500	Kusum Lal Rai	7.5	Non-Signi	Temp	House	SC
720	Daula	55+500-55+600	Minti Devi	4.42	Non-Signi	Temp	Shop	SC
721	Daula	55+500-55+600	Sarray Rai	4.95	Non-Signi	Temp	House	SC
722	Daula	55+500-55+600	Durpati Devi	7.48	Non-Signi	Temp	House	SC
723	Daula	55+500-55+600	Menuka Devi	17	Significant	Temp	Kitchen	SC
724	Daula	55+500-55+600	Rohit Rai	4.8	Non-Signi	Semi Perma	House	SC
725	Daula	55+500-55+600	Rajesh Rai	6	Non-Signi	Temp	House	SC
726	Daula	55+600-55+700	Dilip Yadav	6	Non-Signi	Temp	Cattleshed	SC
727	Daula	55+600-55+700	Rita Devi	7.68	Significant	Temp	House	BPL
728	Daula	55+600-55+700	Rajendar Yadav	1.2	Significant	Semi Perma	Toilet	NTH
729	Daula	55+600-55+700	Nageshwar Yadav	1.95	Significant	Permanent	Toilet	BPL
730	Daula	55+600-55+700	Gopal Jadav	1.2	Significant	Semi Perma	Toilet	BPL
731	Daula	55+600-55+700	Anish Rai	6.16	Non-Signi	Temp	Cattleshed	SC
732	Daula	55+600-55+700	Semol Rai	1.3	Significant	Semi Perma	Toilet	SC
733	Pachra	55+800-55+900	Md Kaisher Ansari	5.2	Non-Signi	Temp	House	BPL
734	Pachra	55+800-55+900	Md Kaisher Ansari	6.8	Significant	Temp	House	NTH
735	Pachra	55+800-55+900	Md Mojum Sah	7.28	Non-Signi	Temp	House	BPL
736	Pachra	55+800-55+900	Md Mojum Sah	7.8	Significant	Temp	Kitchen	NTH
737	Pachra	55+900-56+000	Md Intakhab Alam	5.9	Non-Signi	Temp	Shop	BPL

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
738	Pachra	55+900-56+000	Md Majlu (Rashan Kahtun W/O Md Majlu	6	Non-Signi	Temp	Shop	BPL
739	Pachra	55+900-56+000	Md Sajjim (Md Sahu Alam)	3.2	Significant	Temp	Shop	BPL
740	Pachra	55+900-56+000	Dinesh Yadav (Mina Devi)	2.7	Significant	Temp	Shop	BPL
741	Pachra	55+900-56+000	Md Saidul	9.4	Significant	Temp	Shop	BPL
742	Pachra	55+900-56+000	Shah Alam Ansari	10.5	Significant	Temp	Shop	BPL
743	Pachra	56+000-56+100	Rajan Rai	16	Significant	Temp	Shop	SC
744	Pachra	57+000-57+100	Reyaz Alam	32.5	Significant	Temp	Study Centre	
745	Pachra	57+200-57+300	Antam Singh	2.08	Significant	Temp	Shop	BPL
746	Parwa	57+700-57+800	Bashu Kumar Singh	2.15	Non-Signi	Semi Perma	Shop	NTH
747	Parwa	57+900-58+000	Ashok Singh	2.16	Significant	Temp	Shop	NTH
748	Parwa	57+900-58+000	Haren Chandra Singh	1.26	Non-Signi	Temp	Shop	BPL
749	Parwa	57+900-58+000	Haren Chandra Singh	9	Non-Signi	Temp	Shop	NTH
750	Parwa	58+000-58+100	Haren Chandra Singh	3.96	Non-Signi	Temp	Shop	NTH
751	Parwa(Belwa)	58+100-58+200	Md Noushad Alam (Masood Alam)	2.88	Non-Signi	Temp	Shop	
752	Parwa(Belwa)	58+200+58+300	Izhar Alam	19BW	Significant	Semi Perma	Boundary	NTH
753	Mirangpur	59+100-59+200	Bharat Thakur	1.05	Non-Signi	Temp	Shop	NTH
754	Mirangpur	59+100-59+200	Md Musharaf	5.46	Non-Signi	Temp	Shop	BPL
755	Ibrahimpur	60+100-60+200	Md Alauddin	2.04	Significant	Temp	Kiosk	BPL
756	Ibrahimpur	60+500-60+600	Md Quamruzzaman	15	Non-Signi	Temp	Shop	WHH
757	Ibrahimpur	60+500-60+600	Md Quamruzzaman	22	Significant	Temp	Cattleshed	NTH
758	Ibrahimpur	60+900-61+000	Baldev Das	7.48	Significant	Temp	Shop	BPL
759	Ibrahimpur	60+900-61+000	Md Azad Alam	3.9	Non-Signi	Temp	Shop	BPL
760	Ibrahimpur	60+900-61+000	Md Muzaffar Hussain	3.8	Non-Signi	Temp	Workshop	NTH
761	Ibrahimpur	60+900-61+000	Uddir Rai	9.25	Non-Signi	Temp	Small Eatery	SC
762	Ibrahimpur	60+900-61+000	Sominath Singh	12.19	Significant	Temp	Shop	BPL
763	Balrampur	61+100-61+200	Md Asraf	6.4	Significant	Semi Perma	Shop	BPL
764	Balrampur	61+100-61+200	Raj Kumar Bhagat	4.42	Non-Signi	Semi Perma	House	
765	Balrampur	61+100-61+200	Raj Kumar Bhagat	6.25	Significant	Temp	Shop	NTH
766	Balrampur	61+200-61+300	Sushil Goswami (Pappu Malik)	4.2	Non-Signi	Temp	Shop	
767	Balrampur	61+300-61+400	Lila Devi	10.23	Significant	Temp	Shop	BPL
768	Balrampur	61+500-61+600	Ranjit Mahto	9	Significant	Temp	Shop	BPL
769	Balrampur	61+700-61+800	Julfekar Ansari	3	Non-Signi	Temp	Shop	NTH
770	Balrampur	61+800-61+900	Manoj Singh	3BW	Significant	Semi Perma	Boundary	BPL
771	Balrampur	62+200-62+300	Dinesh Singh	6.21	Significant	Temp	Cattleshed	BPL

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
772	Balrampur	62+200-62+300	Md Sahabuddin	15.12	Non-Signi	Temp	Mill	NTH
773	Balrampur	62+300-62+400	Rajesh Kumar Das	1.4	Significant	Semi Perma	Shop	NTH
774	Dalan (Samshero Ganj)	0+600-0+700	Abdul Mannan	24.42	Significant	Semi Perma	Workshop	
775	Dalan (Mongra)	0+800-0+900	Hasina Khatun (Md Lal)	10.71	Non-Signi	Temp	House	
776	Dalan (Mongra)	0+800-0+900	Kalim Khan	1.6	Significant	Temp	Kiosk	NTH
777	Dalan (Mongra)	0+900-1+000	Pintu Kumar Yadav	3.6	Significant	Temp	Kiosk	NTH
778	Dalan (Mongra)	0+900-1+000	Suresh Prasad Yadav	7.03	Significant	Semi Perma	Under Cons	
779	Dalan (Mongra)	1+100-1+200	Md Zahurul Haque	36.8BW	Significant	Semi Perma	Boundary	
780	Dalan (Mongra)	1+100-1+200	Baldev Sah	20.16	Significant	Temp	House	
781	Dalan (Mongra)	1+100-1+200	Baldev Sah	33.06	Significant	Temp	House	
782	Dalan (Mongra)	1+100-1+200	Baldev Sah	2.38	Significant	Temp	House	
783	Dalan (Mongra)	1+200-1+300	Madhuri Rai	41.76	Significant	Semi Perma	House	
784	Dalan (Mongra)	1+200-1+300	Madhuri Rai	3.04	Significant	Temp	Shop	
785	Dalan (Mongra)	1+200-1+300	Madhuri Rai	11	Non-Signi	Temp	House	
786	Dalan (Mongra)	1+100-1+200	Madhuri Rai	34.68	Significant	Permanent	Community Centre	
787	Dalan (Mongra)	1+200-1+300	Paro Mosmat	34.32	Significant	Semi Perma	House	
788	Dalan (Mongra)	1+200-1+300	Paro Mosmat	14.06	Significant	Semi Perma	House	
789	Dalan (Mongra)	1+200-1+300	Dhaneshwar Sah	6.3	Significant	Temp	House	
790	Dalan (Mongra)	1+200-1+300	Dhaneshwar Sah	2.64	Non-Signi	Temp	House	
791	Dalan (Mongra)	1+200-1+300	Urmila Devi	42.6	Significant	Permanent	House	
792	Dalan (Mongra)	1+200-1+300	Urmila Devi	4	Non-Signi	Permanent	Stairs	
793	Dalan (Mongra)	1+200-1+300	Mosmat Mamta	20.46	Significant	Temp	House	WHH
794	Dalan (Mongra)	1+400-1+500	Sheikh Jalil	66	Non-Signi	Temp	House	
795	Dalan (Mongra)	1+400-1+500	Sheikh Jalil	2.7	Significant	Semi Perma	Toilet	
796	Dalan (Mongra)	1+400-1+500	Sheikh Jalil	12.6	Significant	Temp	Hut	
797	Dalan (Mongra)	1+400-1+500	Sheikh Jalil	10.08	Significant	Temp	Kitchen	
798	Dalan (Mongra)	1+400-1+500	Sheikh Jalil	18	Significant	Temp	House	
799	Dalan (Mongra)	1+400-1+500	Sheikh Jalil	20.52	Significant	Temp	House	
800	Dalan (Mongra)	1+400-1+500	Sheikh Jalil	2.25	Significant	Semi Perma	Toilet	
801	Dalan (Mongra)	1+400-1+500	Sheikh Jalil	25.37	Significant	Semi Perma	House	
802	Dalan (Mongra)	1+400-1+500	Sheikh Jalil	10	Significant	Temp	Cattleshed	
803	Dalan (Mongra)	1+400-1+500	Noor Jahan Khatun	5.7	Non-Signi	Temp	House	
804	Dalan (Mongra)	1+700-1+800	Tanjara Khatun	18.88	Significant	Temp	House	
805	Dalan (Mongra)	1+700-1+800	Tanjara Khatun	13.75	Significant	Temp	House	

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
806	Dalan (Mongra)	1+700-1+800	Naima Khatun	9.75	Significant	Temp	House	
807	Dalan (Mongra)	1+700-1+800	Naima Khatun	32.68	Significant	Permanent	House	
808	Dalan (Mongra)	1+700-1+800	Naima Khatun	19.78	Significant	Temp	Shed	
809	Dalan (Mongra)	1+700-1+800	Naima Khatun	17.64	Significant	Temp	House	
810	Dalan (Mongra)	1+700-1+800	Naima Khatun	33.3	Significant	Temp	House	
811	Dalan (Mongra)	2+100-2+200	Geeta Prasad Das	11.1	Significant	Semi Perma	Shop	
812	Dalan (Mongra)	2+100-2+200	Geeta Prasad Das	10.5	Significant	Temp	Cattleshed	
813	Dalan (Mongra)	2+500-2+600	Md Iliyas (Shaikh Aziz)	36	Significant	Temp	Shop	NTH
814	Dalan (Chandrama)	2+400-2+500	Md Abbas	40.95	Significant	Temp	Shed	
815	Dalan (Chandrama)	2+400-2+500	Md Abbas	11.7	Non-Signi	Permanent	Shop	
816	Dalan (Chandrama Chowk)	2+500-2+600	Sheikh Akbar	20.06	Non-Signi	Permanent	Complex	
817	Dalan (Chandrama Chowk)	2+500-2+600	Arvind Kumar Sah	20.3	Non-Signi	Semi Perma	Shop	
818	Dalan (Mongra)	2+500-2+600	Sheikh Younis	2.52	Significant	Temp	Kiosk	NTH
819	Dalan (Chandrama Chowk)	2+500-2+600	Sheikh Naseem	4.96	Significant	Temp	Shop	NTH
820	Dalan (Chandrama Chowk)	2+500-2+600	Sheikh Naseem	14.57	Significant	Permanent	Shop	NTH
821	Dalan (Mongra)	2+500-2+600	Md Islam	22.5	Significant	Permanent	Shop	WHH
822	Dalan (Mongra)	2+500-2+600	Md Ibrshim (Md Sonu)	1.6	Significant	Temp	Kiosk	BPL
823	Dalan (Mongra)	2+500-2+600	Mosmat Meera Devi	15	Significant	Permanent	Small Eatery	
824	Dalan (Chandrama Chowk)	2+500-2+600	Sehdev Mahto	11.75	Non-Signi	Permanent	Shop	
825	Dalan (Chandrama Chowk)	2+600-2+700	Narayan Thakur	15.04	Significant	Temp	Shop	BPL
826	Dalan (Chandrama Chowk)	2+600-2+700	Md Intashar	10.56	Significant	Temp	Shop	NTH
827	Dalan (Chandrama Chowk)	2+600-2+700	Raja Ansari	3.2	Significant	Temp	Kiosk	BPL
828	Dalan (Chandrama Chowk)	2+600-2+700	Raja Ansari	5.06	Significant	Temp	Shop	NTH
829	Dalan (Chandrama Chowk)	2+600-2+700	Jagdish Mandal	3.2	Significant	Temp	Shop	BPL
830	Dalan (Chandrama Chowk)	2+600-2+700	Tillu Rai	10.15	Significant	Temp	Shop	SC
831	Dalan (Chandrama Chowk)	2+600-2+700	Ranjana Devi	26.68	Significant	Temp	House	WHH
832	Dalan (Chandrama Chowk)	2+600-2+700	Ranjana Devi	6.76	Significant	Temp	Kitchen	NTH
833	Dalan (Chandrama Chowk)	2+600-2+700	Naresh Singh	17.98	Significant	Temp	House	NTH
834	Dalan (Chandrama Chowk)	2+600-2+700	Naresh Singh	22.55	Significant	Temp	House	NTH
835	Dalan (Chandrama Chowk)	2+700-2+800	Gopal Saw Laheri	45.75	Significant	Temp	House	BPL
836	Dalan (Chandrama Chowk)	2+700-2+800	Chamru Mahaldar	39.2	Significant	Temp	Hut	NTH
837	Dalan (Chandrama Chowk)	2+700-2+800	Chamru Mahaldar	40.88	Significant	Temp	Hut	NTH
838	Dalan (Chandrama Chowk)	2+700-2+800	Dhunpatiya Devi	7.7	Significant	Temp	Shop	NTH
839	Dalan (Chandrama Chowk)	2+800-2+900	Rajpati Mosmat	12.6	Significant	Temp	House	SC
840	Dalan (Sarvasa)	2+800-2+900	Dilip Thakur	52.65	Significant	Temp	Shop	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
841	Dalan (Sarvasa)	2+900-3+000	Anita Devi	23.31	Significant	Semi Perma	Shop	
842	Dalan (Sarvasa)	3+000-3+100	Shrikant Mahto	40.05	Significant	Temp	Shop	NTH
843	Tapka (Sarvasa)	3+500-3+600	Pankaj Lochan Yadav	17.1+21BW	Non-Signi	Temp	Shed	
844	Tapka (Sarvasa)	3+500-3+600	Pankaj Kumar Yadav	18.72	Significant	Temp	House	
845	Tapka (Sarvasa)	3+500-3+600	Subhash Chandra Yadav	7.59	Significant	Temp	Cattleshed	
846	Tapka (Pothia Ghat)	4+300-4+400	Hari Rishi	9.9	Significant	Temp	Hut	SC
847	Tapka (Pothia Ghat)	4+300-4+400	Bachuri Rishi	16.32	Significant	Temp	House	SC
848	Tapka (Pothia Ghat)	4+300-4+400	Bachuri Rishi	8.64	Significant	Temp	House	NTH
849	Tapka (Pothia Ghat)	4+300-4+400	Bachuri Rishi	16.5	Significant	Temp	House	NTH
850	Tapka (Pothia Ghat)	4+300-4+400	Anil Rishi	9.23	Non-Signi	Temp	House	SC
851	Tapka (Pothia Ghat)	4+300-4+400	Anil Rishi	5.3	Non-Signi	Temp	House	NTH
852	Tapka (Pothia Ghat)	4+300-4+400	Anil Rishi	20.44	Significant	Temp	House	NTH
853	Tapka (Pothia Ghat)	4+300-4+400	Indradev Rishi	9.6	Non-Signi	Temp	House	SC
854	Tapka (Pothia Ghat)	4+300-4+400	Indradev Rishi	6.6	Significant	Temp	House	NTH
855	Tapka (Pothia Ghat)	4+400-4+500	Gopal Roy	1.44	Non-Signi	Temp	House	SC
856	Tapka (Pothia Ghat)	4+400-4+500	Gopal Roy	0.75	Non-Signi	Temp	House	NTH
857	Tapka (Pothia Ghat)	4+400-4+500	Manka Mosmat	1.16	Non-Signi	Temp	House	SC
858	Tapka (Pothia Ghat)	4+400-4+500	Manka Mosmat	2.15	Non-Signi	Temp	House	NTH
859	Tapka (Pothia Ghat)	4+600-4+700	Kapil Mallick	23.6	Significant	Temp	House	SC
860	Belwa	5+400-5+500	Bindu Bhushan Mandal	7.2	Significant	Permanent	Toilet	
861	Belwa	5+500-5+600	Bobby Devi	8.3	Non-Signi	Permanent	House	
862	Belwa	5+500-5+600	Bobby Devi	4.32	Non-Signi	Temp	Cattleshed	
863	Belwa	5+500-5+600	Chandra Shekhar Prasad Mandal	12	Significant	Temp	House	NTH
864	Belwa	5+500-5+600	Sulekha Devi	30.08	Significant	Temp	House	NTH
865	Belwa	5+700-5+800	Vipula Devi	10.35+14.8BW	Non-Signi	Semi Perma	House	
866	Belwa	5+700-5+800	Vipula Devi	14	Significant	Temp	Hut	
867	Belwa	5+700-5+800	Vipula Devi	4.9	Non-Signi	Semi Perma	Shed	
868	Belwa	5+700-5+800	Bhim Mandal	17.36	Significant	Temp	House	BPL
869	Belwa	5+700-5+800	Raj Kishor Yadav	14.84	Significant	Semi Perma	House	WHH
870	Belwa	5+700-5+800	Shankar Mandal	10	Significant	Temp	Shop	NTH
871	Belwa	5+800-5+900	Rajendra Parihar	10.08	Significant	Temp	Shop	NTH
872	Belwa	5+800-5+900	Anju Devi	14.3	Significant	Temp	Small Eatery	BPL
873	Belwa (Pokhar Tola)	6+400-6+500	Harilal Ravidas	11.4	Significant	Temp	Shed	SC
874	Belwa (Pokhar Tola)	6+400-6+500	Harilal Ravidas	16.12	Significant	Temp	House	NTH
875	Belwa (Pokhar Tola)	6+400-6+500	Raju Ravidas	15	Significant	Temp	House	SC

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
876	Belwa (Pokhar Tola)	6+500-6+600	Suhsila Devi	17.64	Significant	Temp	House	
877	Belwa (Pokhar Tola)	6+500-6+600	Ram Diyal Sah	34.5	Significant	Permanent	House	NTH
878	Belwa (Pokhar Tola)	6+500-6+600	Ram Diyal Sah	21.28	Significant	Temp	Cattleshed	
879	Belwa (Pokhar Tola)	6+500-6+600	Hena Devi	17.05	Significant	Temp	Cattleshed	BPL
880	Belwa (Pokhar Tola)	6+600-6+700	Sabo Devi	4.07	Non-Signi	Permanent	House	
881	Belwa (Pokhar Tola)	6+600-6+700	Ganesh Bhagat	37.6	Significant	Semi Perma	House	
882	Borni Gorgawan (Shaharpura)	7+700-7+800	Quddus Ansari	2.25	Significant	Semi Perma	Toilet	NTH
883	Borni Gorgawan (Shaharpura)	7+700-7+800	Quddus Ansari	2.25	Significant	Semi Perma	Toilet	NTH
884	Borni Gorgawan (Shaharpura)	7+800-7+900	Mohammad Ansari (Ainul Ansari)	1.9	Non-Signi	Temp	Cattleshed	BPL
885	Borni Gorgawan (Shaharpura)	7+800-7+900	Mohammad Ansari (Ainul Ansari)	2.35	Non-Signi	Temp	Cattleshed	
886	Borni Gorgawan (Shaharpura)	7+800-7+900	Lal Mohammad Ansari (Muzffar Ansari)	8.8	Significant	Temp	Cattleshed	BPL
887	Borni Gorgawan	9+200-9+300	Om Prakash Mallick	10BW	Significant	Semi Perma	Boundary	SC
888	Borni Gorgawan	9+300-9+400	Munoo Paswan	6.25	Significant	Temp	House	
889	Borni Gorgawan	9+400-9+500	Narayan Parihar	8.36	Non-Signi	Temp	House	
890	Borni Gorgawan	9+400-9+500	Narayan Parihar	5.76	Non-Signi	Permanent	House	
891	Borni Gorgawan	9+400-9+500	Narayan Parihar	7.92	Significant	Semi Perma	House	
892	Souria	10+500-10+600	Not Found	6.6	Non-Signi	Temp	Study Centre	NTH
893	Souria	10+000-11+100	Laxmi Devi	4	Non-Signi	Temp	Shop	WHH
894	Souria	11+000-11+100	Ahilya Devi	5.8	Non-Signi	Temp	Small Eatery	BPL
895	Souria	11+000-11+100	Sheaikh Istihak	2.16	Non-Signi	Temp	Shop	NTH
896	Souria	11+000-11+100	Suren Parihar	2.34	Significant	Temp	Shop	NTH
897	Souria	11+000-11+100	Suren Parihar	6.82	Significant	Semi Perma	Shop	NTH
898	Souria	11+000-11+100	Rajeev Prasad Mandal	9.4	Non-Signi	Semi Perma	Shop	NTH
899	Souria	11+000-11+100	Soni Devi	3.5	Significant	Temp	Shop	SC
900	Souria	11+100-11+200	Pankaj Kumar	9.88	Significant	Temp	Shed	NTH
901	Souria	11+000-11+100	Shaikh Rashid	18.2	Non-Signi	Semi Perma	Shop	NTH
902	Souria	11+100-11+200	Kamal Dev Sah	8.61	Significant	Temp	Shed	NTH
903	Souria	11+100-11+200	Rakesh Parihar	7.79	Significant	Temp	Shed	WHH
904	Souria	11+100-11+200	Raghunandan Parihar	1.8	Significant	Temp	Kiosk	NTH
905	Souria	11+100-11+200	Raghunandan Parihar	2.1	Non-Signi	Temp	Shed	NTH
906	Souria	11+100-11+200	Bablu Parihar	3.3	Significant	Temp	Shed	NTH
907	Souria	11+100-11+200	Sushil Mandal	6.9	Non-Signi	Temp	Small Eatery	BPL
908	Souria	11+100-11+200	Baleshwar Mandal (Arun Mandal)	4.2	Significant	Temp	Shop	
909	Souria	11+100-11+200	Not Found	3.61	Significant	Temp	Shop	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
910	Souria	11+100-11+200	Raju Ray	4.5	Significant	Temp	Shop	NTH
911	Souria	11+100-11+200	Prakash Kr Mahto	6.76	Significant	Temp	Shop	WHH
912	Souria	11+100-11+200	Gulab Chand Shah	8.8	Significant	Temp	Shed	BPL
913	Souria	11+100-11+200	Suraj Kumar Sah	5.06	Significant	Temp	Shed	NTH
914	Souria	11+100-11+200	Suraj Kumar Sah	0.88	Non-Signi	Permanent	Shop	NTH
915	Souria	11+000-11+100	Arun Mandal	6.8	Significant	Temp	Shed	NTH
916	Souria	11+100-11+200	Manoj Mandal	10.35	Significant	Temp	Small Eatery	BPL
917	Souria	11+100-11+200	Jawahar Lal Sharma	9.4	Significant	Temp	Shop	NTH
918	Souria	11+100-11+200	Raso Devi	5.64	Non-Signi	Temp	Shop	ST
919	Souria	11+400-11+500	Dhannu Kewat	5.5	Significant	Temp	House	WHH
920	Souria	11+500-11+600	Ram Kumari Devi	54.45	Non-Signi	Permanent	House	
921	Souria	11+800-11+900	Pramod Mahto	41.4	Significant	Semi Perma	Mill	
922	Souria	11+800-11+900	Pramod Mahto	23	Significant	Temp	Cattleshed	
923	Ankhor	12+300-12+400	Subhan Soren	8.84	Non-Signi	Semi Perma	House	
924	Ankhor	12+300-12+400	Subhan Soren	8.84	Non-Signi	Temp	House	
925	Ankhor (Janakpur)	12+600-12+700	Md Ishaq Mastan	24.48	Significant	Temp	House	
926	Ankhor (Janakpur)	12+600-12+700	Shaikh Fakeer Mohammad	2.25	Significant	Permanent	Toilet	
927	Ankhor (Janakpur)	12+600-12+700	Shaikh Fakeer Mohammad	3.6	Significant	Temp	Cattleshed	
928	Ankhor (Janakpur)	12+600-12+700	Shaikh Fakeer Mohammad	5.1	Non-Signi	Temp	House	
929	Ankhor (Janakpur)	12+600-12+700	Shaikh Fakeer Mohammad	3	Significant	Temp	Kiosk	
930	Ankhor (Janakpur)	12+700-12+800	Bibi Akhtaari Khatun	9.1	Significant	Temp	House	
931	Ankhor (Janakpur)	12+700-12+800	Bibi Akhtaari Khatun	25.76	Significant	Temp	House	
932	Ankhor (Janakpur)	12+700-12+800	Bibi Akhtaari Khatun	17.5	Significant	Temp	House	
933	Ankhor (Janakpur)	12+700-12+800	Anup Lal Sah	56.25+3BW	Significant	Semi Perma	Godown	
934	Hamsaili	13-100-13+200	Shabana Khatun	8.4	Significant	Temp	Shop	NTH
935	Hamsaili	13+400-13+500	Vidyanand Das	6.38	Significant	Temp	House	
936	Hamsaili	13+400-13+500	Vidyanand Das	19.2	Non-Signi	Permanent	House	
937	Hamsaili	13+400-13+500	Vidyanand Das	8.88	Non-Signi	Temp	House	
938	Bhamraili	13+800-13+900	Bhawani Devi	4.8	Non-Signi	Permanent	Shop	
939	Bhamraili	14+500-14+600	Hullas Kewat	3	Significant	Temp	Kiosk	
940	Bhamraili	14+600-14+700	Ganesh Kewat	18.48	Non-Signi	Temp	House	
941	Bhamraili	14+600-14+700	Ganesh Kewat	26.4	Non-Signi	Temp	House	
942	Bhamraili	14+600-14+700	Bhikari Kewat	15.93	Non-Signi	Temp	House	
943	Bhamraili	14+600-14+700	Munna Kewat	3.24	Significant	Temp	Temple	
944	Bhamraili	14+600-14+700	Munna Kewat	29.4	Significant	Permanent	House	

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
945	Bhamraili	14+600-14+700	Bablu Kewat	35.88	Significant	Temp	House	
946	Bhamraili	14+700-14+800	Hari Lal Kewat	4.2	Non-Signi	Temp	House	
947	Bhamraili	14+700-14+800	Ganesh Kewat	33.48	Significant	Temp	Cattleshed	
948	Bhamraili	14+700-14+800	Ganesh Kewat	15.5	Significant	Temp	House	
949	Bhamraili	14+700-14+800	Ganesh Kewat	5.6	Non-Signi	Temp	House	
950	Bhamraili	14+700-14+800	Pooran Kewat	4.2	Non-Signi	Permanent	House	
951	Bhamraili	14+700-14+800	Pooran Kewat	22.4	Significant	Temp	House	
952	Bhamraili	14+700-14+800	Hemant Kewat	94.64	Significant	Temp	Workshop	
953	Bhamraili	14+700-14+800	Hemant Kewat	44.8	Significant	Temp	Workshop	
954	Bhamraili	14+900-15+000	Hemant Kewat	29.12	Significant	Temp	Cattleshed	
955	Bhamraili	14+900-15+000	Hemant Kewat	52.5	Significant	Temp	House	
956	Bhamraili	14+800-14+900	Piru Kewat	43.2	Significant	Semi Perma	House	
957	Bhamraili	14+800-14+900	Piru Kewat	9.24	Significant	Temp	Temple	
958	Ragheli	15+600-15+700	Kumod Ranjan Mishra	44.46	Significant	Permanent	House	
959	Ragheli	15+600-15+700	Kumod Ranjan Mishra	3.6	Significant	Temp	Kiosk	
960	Ragheli	15+600-15+700	Kumod Ranjan Mishra	8.2	Significant	Temp	Kiosk	
961	Ragheli	15+800-15+900	Kamdev Jha	19.2	Significant	Temp	House	
962	Ragheli	15+800-15+900	Kamdev Jha	21	Significant	Temp	House	
963	Ragheli	15+800-15+900	Anmol Pathak	38.16	Significant	Semi Perma	Under Cons	
964	Ragheli(Bhamraili )	16+100-16+200	Pappu Kewat	29	Significant	Temp	Shop	BPL
965	Ragheli	16+100-16+200	Dhaneshwar Kewat	12	Significant	Temp	House	
966	Ragheli	16+100-16+200	Dhaneshwar Kewat	29.97	Significant	Semi Perma	Under Cons	
967	Ragheli	16+100-16+200	Dhaneshwar Kewat	18.4	Significant	Temp	House	
968	Ragheli	16+100-16+200	Deepak Kumar Kewat	29.7	Significant	Temp	House	
969	Ragheli	16+100-16+200	Deepak Kumar Kewat	2.08	Non-Signi	Temp	House	
970	Ragheli	16+100-16+200	Deepak Kumar Kewat	30.55	Significant	Temp	House	
971	Vilahi Araji	16+300-16+400	Munni Kisku	23.52	Significant	Semi Perma	House	ST
972	Vilahi Araji	16+300-16+400	Munni Kisku	4.8	Non-Signi	Temp	House	NTH
973	Vilahi Araji	16+300-16+400	Sanjali Murmu	33	Significant	Temp	House	ST
974	Vilahi Araji (Pipar Joni)	16+300-16+400	Sanjali Murmu	8.1	Non-Signi	Semi Perma	House	NTH
975	Vilahi Araji (Pipar Joni)	16+300-16+400	Sanjali Murmu	8.75	Significant	Temp	Kitchen	NTH
976	Vilahi Araji (Pipar Joni)	16+400-16+500	Dinanath Sah	17.63	Significant	Temp	House	
977	Vilahi Araji	16+400-16+500	Vikash Murmu	19.2	Significant	Semi Perma	House	
978	Vilahi Araji	16+400-16+500	Jetha Soren	17.6	Significant	Semi Perma	House	
979	Vilahi Araji	16+400-16+500	Jetha Soren	6.38	Significant	Semi Perma	House	



S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
980	Vilahi Araji	16+400-16+500	Tallu Marandi	17.7	Significant	Semi Perma	Under Cons	
981	Vilahi Araji	16+500-16+600	Karan Lal Soren	17.46	Significant	Temp	Cattleshed	
982	Vilahi Araji	18+000-18+100	Naresh Kr Poddar	10.85	Significant	Temp	Store Room	
983	Vilahi Araji	16+600-16+700	Sanjukta Devi	40.59	Significant	Temp	House	
984	Vilahi Araji	17+000-17+100	Bibha Kumari	0.8BW	Significant	Semi Perma	Boundary	
985	Vilahi Araji	17+000-17+100	Prabhakar Kumar	13	Significant	Temp	Shed	
986	Vilahi Araji	17+200-17+300	Nagendra Prasad Das	15.2	Non-Signi	Temp	Shed	BPL
987	Vilahi Araji	17+200-17+300	Vinod Kr Mandal	1.2	Non-Signi	Temp	Shed	
988	Vilahi Araji	17+200-17+300	Vinod Kr Mandal	2.5	Non-Signi	Temp	Shed	NTH
989	Vilahi Araji	17+300-17+400	Karan Ray	11.34	Significant	Temp	Shed	SC
990	Vilahi Araji	17+300-17+400	Kari Devi	9.1	Significant	Temp	House	NTH
991	Vilahi Araji	17+300-17+400	Kari Devi	2.25	Significant	Semi Perma	Toilet	NTH
992	Vilahi Araji	17+400-17+500	Hari Prasad Ray	10.08	Non-Signi	Temp	Cattleshed	SC
993	Vilahi Araji	17+400-17+500	Awadh Ray	7.04	Non-Signi	Temp	House	SC
994	Vilahi Araji	17+500-17+500	Aruma Devi	23.46	Significant	Temp	House	BPL
995	Vilahi Araji	17+500-17+600	Arjun Kr	29.58	Significant	Temp	House	
996	Vilahi Araji	17+500-17+600	Md. Bablu	15.3	Significant	Temp	Shop	NTH
997	Vilahi Araji	17+600-17+700	Neeraj Kumar	4.8	Non-Signi	Temp	House	
998	Vilahi Araji	17+700-17+800	Radhe Thakur	14.7	Significant	Temp	Shop	NTH
999	Vilahi Araji	17+700-17+800	Niranjan Mandal	25.2	Significant	Temp	Shop	NTH
1000	Vilahi Araji	17+700-17+800	Subodh Thakur	3.96	Significant	Temp	Kiosk	NTH
1001	Vilahi Araji	17+700-17+800	Ram Kishore Mahto	10.2	Significant	Temp	Kiosk	BPL
1002	Vilahi Araji	17+700-17+800	Awadhesh Kumar	3.24	Significant	Temp	Kiosk	NTH
1003	Vilahi Araji	17+800-17+900	Awadhesh Kumar	28.8	Significant	Temp	Hut	
1004	Vilahi Araji	17+700-17+800	Baidnath Sharma	16.32	Significant	Temp	Shop	BPL
1005	Nijhra	18+000-18+100	Umesh Mahto	32.64	Significant	Permanent	House	
1006	Nijhra	18+200-18+300	Savitri Mosmat	53.36	Significant	Semi Perma	House	
1007	Nijhra	18+200-18+300	Mosmat Phoolo	11	Non-Signi	Semi Perma	House	
1008	Nijhra	18+200-18+300	Mosmat Phoolo	6	Significant	Temp	Temple	
1009	Nijhra	18+200-18+300	Mosmat Phoolo	19.32	Significant	Temp	House	
1010	Nijhra	18+200-18+300	Mosmat Phoolo	8.1	Non-Signi	Temp	House	
1011	Nijhra	18+200-18+300	Bisheshwar Das	4.32	Non-Signi	Temp	House	
1012	Nijhra	18+200-18+300	Bisheshwar Das	4	Non-Signi	Temp	House	
1013	Nijhra	18+200-18+300	Bisheshwar Das	6.66	Significant	Temp	House	
1014	Nijhra	18+300-18+400	Tuntun Das	12.47	Significant	Temp	House	SC

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
1015	Nijhra	18+300-18+400	Tuntun Das	11.76	Significant	Temp	House	NTH
1016	Nijhra	18+300-18+400	Ram Prasad Das	25	Significant	Temp	House	SC
1017	Nijhra	18+300-18+400	Ram Prasad Das	6.25	Significant	Temp	Temple	NTH
1018	Nijhra	18+300-18+400	Ram Prasad Das	1.25	Non-Signi	Temp	Kitchen	NTH
1019	Nijhra	18+300-18+400	Laxmi Das	23.4	Significant	Temp	Shop	SC
1020	Nijhra	18+300-18+400	Nandev Das	18.2	Significant	Temp	Cattleshed	
1021	Pelagor	21+200-21+300	Sanjay Agarwal	910	Non-Signi	Semi Perma	Godown	
1022	Bijuhar	23+900-24+000	Manoj Kumar Sah ( Parkaj Kumar Sah)	49.4+5.2BW	Significant	Temp	Shop	
1023	Bijuhar	25+000-25+100	Mehen Nigar Khatoon	21.46	Significant	Temp	House	
1024	Bijuhar	25+000-25+100	Mehen Nigar Khatoon	27.36	Significant	Temp	House	
1025	Gothaila(Maniknagar)	26+600-26+700	Pradip Kr Mandal	16.74	Significant	Temp	Cattleshed	NTH
1026	Gothaila(Maniknagar)	26+700-26+800	Pradip Kr Mandal	27.04	Significant	Temp	Cattleshed	NTH
1027	Gothaila	26+700-26+800	Akhilesh Mandal	6.51	Significant	Temp	Cattleshed	
1028	Gothaila	26+900-27+000	Pabani Devi	24+4BW	Significant	Semi Perma	House	
1029	Gothaila	26+900-27+000	Pabani Devi	9.8	Non-Signi	Semi Perma	Kitchen	
1030	Gothaila	26+900-27+000	Panbi Devi	1.25+7.5BW	Non-Signi	Permanent	Toilet	NTH
1031	Gothaila	26+900-27+000	Bablu Kr Mondal	41.25	Significant	Permanent	House	
1032	Gothaila	27+000-27+100	Lalu Prasad Mandal	8.4	Significant	Temp	Kitchen	
1033	Gothaila	27+000-27+100	Lalu Prasad Mandal	2.38	Significant	Permanent	Toilet	
1034	Gothaila	27+000-27+100	Lalu Prasad Mandal	10.5	Significant	Temp	Kitchen	
1035	Gothaila	27+000-27+100	Binod Kumar Mandal	15.75	Significant	Temp	Hut	
1036	Gothaila	27+000-27+100	Binod Kumar Mandal	10.5	Significant	Temp	Cattleshed	
1037	Gothaila	27+000-27+100	Dorogi Mandal	8.1	Significant	Temp	Kitchen	
1038	Gothaila	27+000-27+100	Dorogi Mandal	11	Significant	Temp	Hut	
1039	Gothaila	27+000-27+100	Shamblau Ravi Das	1.69	Significant	Semi Perma	Toilet	
1040	Gothaila	27+000-27+100	Shamblau Ravi Das	16.5	Significant	Temp	House	
1041	Gothaila	27+000-27+100	Shamblau Ravi Das	4.8	Significant	Temp	Cattleshed	
1042	Gothaila	27+100-27+200	Chhonagri Mondal	12.5	Significant	Temp	Shop	NTH
1043	Gothaila	27+500-27+600	Tarni Mandal	10.35	Significant	Temp	Cattleshed	BPL
1044	Gothaila	27+500-27+600	Anuj Yadav	10.6	Significant	Temp	Shop	BPL
1045	Gothaila	27+500-27+600	Kanchan Kumar Mistri	14	Significant	Semi Perma	Shop	BPL
1046	Gothaila	27+600-27+700	Pappu Mistri	10.62	Significant	Semi Perma	Shop	BPL
1047	Gothaila	27+600-27+700	Rinku Kumar	5.1	Non-Signi	Temp	Shop	
1048	Gothaila	27+600-27+700	Baleshwar Mistri	14	Significant	Semi Perma	Shop	BPL
1049	Gothaila	27+600-27+700	Arun Kumar Mandal	2	Significant	Temp	Kiosk	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
1050	Gothaila	27+600-27+700	Ram Prasad	1.55	Non-Signi	Temp	Hut	NTH
1051	Gothaila	27+800-27+900	Truveni Shah	55.2	Significant	Semi Perma	Study Centre	
1052	Gothaila	27+800-27+900	Pankaj Kumar Sah	56.4	Significant	Semi Perma	Shop	
1053	Gothaila	27+600-27+700	Dipak Kumar Mistri	2.25	Significant	Semi Perma	Toilet	
1054	Gothaila	27+600-27+700	Dipak Kumar Mistri	23.1	Significant	Temp	Hut	NTH
1055	Gothaila	27+800-27+900	Rama Nand Thakur	19.24	Significant	Semi Perma	Shop	
1056	Gothaila	27+800-27+900	Rama Nand Thakur	3.2	Significant	Temp	Shop	
1057	Gothaila	27+800-27+900	Bikesh Thakur	4	Significant	Temp	Shop	
1058	Gothaila	27+800-27+900	Bikesh Thakur	19.36	Significant	Temp	Shop	
1059	Gothaila	27+800-27+900	Suman Thakur	10.4	Significant	Temp	Shop	NTH
1060	Gothaila	27+800-27+900	Suman Thakur	19.44	Significant	Semi Perma	Shop	
1061	Gothaila	27+900-27+000	Gunanand Biswash	2.16	Significant	Temp	Kiosk	BPL
1062	Gothaila	27+900-27+000	Kuber Rai	11.52	Significant	Temp	Shop	SC
1063	Gothaila (Jhaua)	27+900-27+000	Rajendra Ray	8.8	Non-Signi	Temp	Small Eatery	SC
1064	Gothaila (Jhaua)	27+900-27+000	Rajendra Ray	8.8	Non-Signi	Temp	Workshop	SC
1065	Gothaila (Jhaua)	29+400-29+500	Md Sokat	2.08	Significant	Temp	Kiosk	NTH
1066	Gothaila (Jhaua)	29+400-29+500	Md Najir Alam	14	Significant	Semi Perma	Shop	NTH
1067	Gothaila (Jhaua)	29+400-29+500	Md Mujafeir	15.75	Significant	Semi Perma	Workshop	NTH
1068	Gothaila (Jhaua)	29+400-29+500	Md Hasib (Md Nadeem Akhtar)	2.25	Significant	Temp	Kiosk	NTH
1069	Jhaua	29+800-29+900	Nareish Chaudhari	8.25	Significant	Semi Perma	Shop	SC
1070	Jhaua	29+800-29+900	Mudhshir Ali (Md Abdul Manan)	16.8	Significant	Temp	Workshop	NTH
1071	Kaldehi	29+800-29+900	Modasir Alam	60.75	Significant	Semi Perma	Shop	NTH
1072	Kaldehi	29+800-29+900	Md Haider	19.6	Significant	Temp	Workshop	
1073	Jhaua	29+900-30+000	Md Jamsed	44.2+8BW	Significant	Semi Perma	Shop	NTH
1074		29+900-30+000	MD JAMSED	4.5+22BW	Significant	Permanent	Toilet	
1075	Kaldehi	30+000-30+100	Faiyaaz	4.65+11BW	Significant	Permanent	Toilet	BPL
1076	Kaldehi	30+100-30+200	Kalu Yadav	25.65	Significant	Temp	Small Eatery	NTH
1077	Kaldehi	30+100-30+200	Hiralal Choudhary	24	Significant	Temp	Small Eatery	BPL
1078	Meenapur	31+500-31+600	Md Jakir Saha	19.25	Significant	Temp	Hut	WHH
1079	Meenapur	31+500-31+600	Pardip Sharma	1.8	Significant	Temp	Kiosk	NTH
1080	Meenapur	31+500-31+600	Dhurup Sharma	5	Significant	Temp	Kiosk	BPL
1081	Meenapur	31+500-31+600	Bhola Chaudhri	4.8	Significant	Temp	Kiosk	SC
1082	Meenapur	31+500-31+600	Kapil Kumar Ray	6.44	Significant	Temp	Shop	SC
1083	Meenapur	31+500-31+600	Parash Chaudhri	27	Significant	Temp	Shop	NTH
1084	Meenapur	31+500-31+600	Santosh Yadav	8	Significant	Temp	Kiosk	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
1085	Tahirpur (Salmari)	35+000-35+100	Md Azam (Quddus)	12BW	Significant	Semi Perma	Boundary	NTH
1086	Tahirpur (Salmari)	35+100-35+200	Abdul Samad	3.74	Significant	Temp	Shop	PHH
1087	Tahirpur (Salmari)	35+100-35+200	Md Rasid	5.06	Significant	Temp	Kiosk	BPL
1088	Tahirpur (Salmari)	35+100-35+200	Raja Kumar Singh	5.12	Significant	Temp	Shop	NTH
1089	Tahirpur (Salmari)	35+100-35+200	Munhas (Sarful)	2.2	Significant	Temp	Kiosk	NTH
1090	Tahirpur (Salmari)	35+100-35+200	Md Sarful	3.2	Significant	Temp	Kiosk	NTH
1091	Tahirpur (Salmari)	35+200-35+300	Ishaque Ansari	12.2	Non-Signi	Permanent	Resi+Com	PHH
1092	Tahirpur (Salmari)	35+200-35+300	Md Mahboob Alam	19.25	Significant	Semi Perma	Shed	NTH
1093	Tahirpur (Salmari)	35+200-35+300	Musfiq Alam	22.5	Significant	Temp	Shop	NTH
1094	Tahirpur (Salmari)	35+200-35+300	Md Baharuddin	13.5	Non-Signi	Temp	Shop	
1095	Tahirpur (Salmari)	35+200-35+300	Md Baharuddin	4	Significant	Temp	Kiosk	NTH
1096	Tahirpur (Salmari)	35+200-35+300	Md Kaunain Alam	4.05	Significant	Permanent	Shop	NTH
1097	Tahirpur (Salmari)	35+300-35+400	Saddam	3	Non-Signi	Temp	Kiosk	NTH
1098	Tahirpur	35+400-35+500	Kanchan Aftab	11.2	Non-Signi	Temp	Shop	SC
1099	Tahirpur	35+400-35+500	Kanchan Aftab	2.4	Non-Signi	Temp	Workshop	
1100	Tahirpur (Salmari)	35+400+35-500	Asarfi Hotel	4	Non-Signi	Temp	Small Eatery	
1101	Tahirpur	35+500-35+600	Waheed Reza	57.75	Non-Signi	Temp	Workshop	WHH
1102	Tahirpur	35+500-35+600	Waheed Raza	29.75+18BW	Non-Signi	Temp	Workshop	NTH
1103	Tahirpur (Salmari)	35+600-35+700	Arshad Sheikh	2.2	Non-Signi	Semi Perma	Shop	NTH
1104	Pindhal (Damdampura)	36+500-36+600	Md Javed	2.55	Significant	Semi Perma	Toilet	BPL
1105	Pindhal (Damdampura)	36+500-36+600	Md Aasif Alam	13BW	Significant	Semi Perma	Boundary	NTH
1106	Pindhal (Damdampura)	36+600-36+700	Md Sahid	10.75	Significant	Temp	Cattleshed	NTH
1107	Pindhal (Damdampura)	36+600-36+700	Md Aazam Shah	3.3	Significant	Temp	Shop	NTH
1108	Pindhal (Damdampura)	36+600-36+700	Md Tafjeel Shah	5.5	Significant	Semi Perma	Shop	NTH
1109	Pindhal (Damdampura)	36+600-36+700	Jahangir	12.47	Significant	Temp	Shop	NTH
1110	Pindhal (Damdampura)	36+600-36+700	Md Mustaqueem Shah	4.4	Significant	Temp	Kiosk	NTH
1111	Pindhal (Damdampura)	36+700-36+800	Khajetun Nisha	6.4	Significant	Temp	Shop	WHH
1112	Gajna (Dholmara)	37+000-37+100	Reena Devi	4	Non-Signi	Temp	Shop	BPL
1113	Gajna (Dholmara)	37+000-37+100	Bindeshri Tatma	2.6	Non-Signi	Temp	House	NTH
1114	Gajna (Dholmara)	37+000-37+100	Bindeshri Tatma	2	Non-Signi	Temp	Hut	
1115	Gajna	37+000-37+100	Santosh Tatma	3	Non-Signi	Temp	Shop	SC
1116	Gajna (Dumdumpura)	37+000-37+100	Gautam Rajak	3.75	Non-Signi	Temp	Shop	SC
1117	Gajna (Dumdumpura)	37+000-37+100	Madan Rajak	9.9	Non-Signi	Temp	Shop	SC
1118	Gajna	37+300-37+400	Syed Fazole Rasool	17.4	Significant	Temp	Shop	WHH
1119	Govindpur (Sihpur)	38+200-38+300	Arjun Thakur	3.45	Significant	Temp	Shop	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
1120	Tengri	39+300-39+400	Roshan Ara	8.6BW	Significant	Semi Perma	Boundary	WHH
1121	Teghra	39+600-39+700	Rabbani	24BW	Significant	Semi Perma	Boundary	
1122	Teghra	39+700-39+800	Md Jabir Husain	18+12BW	Significant	Semi Perma	Toilet	
1123	Teghra	39+700-39+800	Md Jabir Husain	12	Significant	Semi Perma	Shed	NTH
1124	Teghra	39+800-39+000	Khuazagareey Nawaz					
1125	Mukuria (Narayanpur)	40+000-40+100	Md Juber Alam	13.25	Significant	Semi Perma	House	
1126	Mukuria (Narayanpur)	40+000-40+100	Md Juber Alam	2.25	Significant	Temp	Toilet	
1127	Mukuria (Narayanpur)	40+000-40+100	Md Alauddin	5.04	Significant	Temp	Hut	NTH
1128	Mukuria (Narayanpur)	40+000-40+100	Md Alauddin	16.94	Significant	Temp	House	NTH
1129	Mukuria (Narayanpur)	40+000-40+100	Md Alauddin	9.6	Significant	Temp	Hut	NTH
1130	Mukuria (Narayanpur)	40+000-40+100	Md Alauddin	11.88	Significant	Temp	Hut	NTH
1131	Mukuria (Narayanpur)	40+000-40+100	Md Alauddin	13.02	Significant	Temp	Hut	NTH
1132	Mukuria (Narayanpur)	40+000-40+100	Md Mujeeb	25.9	Significant	Temp	House	
1133	Mukuria (Narayanpur)	40+000-40+100	Md Mujeeb	12.1	Significant	Temp	Store Room	
1134	Mukuria (Narayanpur)	40+100-40+200	Md Sabir Alam	3.78	Significant	Temp	Kiosk	NTH
1135	Mukuria (Narayanpur)	40+400-40+500	Hriju Kumar Das	3.9	Significant	Temp	Shop	BPL
1136	Mukuria (Narayanpur)	40+500-40+600	Basant Lal Yadav	76.5	Significant	Temp	Workshop	
1137	Mukuria (Narayanpur)	40+500-40+600	Basant Lal Yadav	4	Significant	Temp	Kiosk	NTH
1138	Mukuria (Narayanpur)	40+500-40+600	Hari Narayan Yadav	3.36	Significant	Temp	Kiosk	NTH
1139	Mukuria (Narayanpur)	40+600-40+700	Bhagwan Yadav	23.04	Significant	Temp	Store Room	
1140	Mukuria (Narayanpur)	40+600-40+700	Mustaq Alam	6.75	Significant	Temp	Kiosk	NTH
1141	Mukuria (Narayanpur)	40+600-40+700	Mogihur Rahman	5.4	Significant	Temp	Kiosk	NTH
1142	Mukuria (Narayanpur)	43+600-43+700	Ajay Yadav	4.8	Significant	Temp	Kiosk	WHH
1143	Mukuria (Narayanpur)	43+600-43+700	Kalu Yadav	2.66	Significant	Temp	Kiosk	NTH
1144	Mukuria (Narayanpur)	40+600-40+700	Uday Yadav	2.8	Significant	Temp	Kiosk	NTH
1145	Mukuria (Narayanpur)	40+600-40+700	Vijay Yadav	2.52	Significant	Temp	Kiosk	NTH
1146	Mukuria (Narayanpur)	40+600-40+700	Bablu Kumar Yadav	3.91	Significant	Temp	Kiosk	NTH
1147	Mukuria (Narayanpur)	40+600-40+700	Bullu Yadav	3.74	Significant	Temp	Kiosk	WHH
1148	Mukuria	42+600-42+700	Anil Kumar	35BW	Significant	Semi Perma	Boundary	NTH
1149	Mukuria	43+500-43+600	Mansur Alam	13BW	Significant	Semi Perma	Boundary	
1150	Mukuria	43+600-43+700	Bijyan Yadav	2.7	Non-Signi	Semi Perma	Shop	WHH
1151	Jitawarpur	43+900-44+000	Jamaluddin	12	Significant	Temp	Shop	PHH
1152	Jitawarpur	43+900-44+000	Kheroon Nesa	6.3	Significant	Temp	Shop	NTH
1153	Jitawarpur	44+300-44+400	Salia	3.75	Non-Signi	Temp	Hut	WHH
1154	Jitawarpur	44+300-44+400	Md Javed	14.08	Non-Signi	Temp	Hut	BPL

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
1155	Jitawarpur	44+300-44+400	Md Javed	2.25	Significant	Semi Perma	Toilet	NTH
1156	Jitawarpur	44+300-44+400	Md Javed	20.1	Significant	Temp	House	NTH
1157	Jitawarpur	44+300-44+400	Atabul	2.25	Significant	Semi Perma	Toilet	WHH
1158	Jitawarpur	44+300-44+400	Shekh Masjud Jana	10.4	Non-Signi	Temp	Cattleshed	
1159	Jitawarpur	44+500-44+600	Md Sanfaraz	2.3	Non-Signi	Semi Perma	Toilet	PHH
1160	Jitawarpur	44+500-44+600	Md Sanfaraz	5	Significant	Temp	Kiosk	NTH
1161	Jitawarpur	43+800-43+900	Md Ishak	6.3	Non-Signi	Semi Perma	House	NTH
1162	Sultanpur (Barsoi)	44+600-44+700	Md Ishak	1.21	Significant	Semi Perma	Toilet	NTH
1163	Jitawarpur	44+600-44+700	Md Maksood	14	Non-Signi	Temp	House	WHH
1164	Sultanpur	44+900-45+000	Shikha Devi	1.85	Non-Signi	Temp	Shop	BPL
1165	Sultanpur	44+900-45+000	Md Samim	4.73	Non-Signi	Temp	Godown	NTH
1166	Sultanpur	44+900-45+000	Manoj Choudhary	12.72	Non-Signi	Temp	Small Eatery	SC
1167	Sultanpur (Mahendra Chowk)	45+400-45+500	Fanish Chaudhry	14	Significant	Temp	Cattleshed	BPL
1168	Sultanpur	45+600-45+700	Salim	18.5BW	Significant	Semi Perma	Boundary	NTH
1169	Sultanpur (Barsoi)	45+600-45+700	Unkown	2.25	Significant	Temp	Kiosk	NTH
1170	Sultanpur (Barsoi)	45+600-45+700	Radha Kant Ghosh	10BW	Significant	Semi Perma	Boundary	NTH
1171	Sultanpur (Barsoi)	45+600-45+700	Shambhu Shah	4.5	Non-Signi	Temp	Workshop	
1172	Sultanpur (Barsoi)	45+600-45+700	Shambhu Shah	4.5	Non-Signi	Temp	Workshop	
1173	Sultanpur (Barsoi)	45+700-45+800	Bishakha Das	6	Significant	Temp	Cattleshed	SC
1174	Sultanpur (Barsoi)	45+800-46+000	Ratan Kumar Paroi	26	Significant	Temp	Shop	NTH
1175	Sultanpur (Rash Chowk)	45+900-46+000	Subir Paroi	16.75	Significant	Temp	Shop	SC
1176	Sultanpur (Barsoi)	46+400-46+500	Haroon Rasid	39	Significant	Temp	Shed	NTH
1177	Sultanpur (Barsoi)	46+500-46+600	Uttam Kumar Saha	7.5	Significant	Temp	Shed	NTH
1178	Sultanpur (Barsoi)	46+500-46+600	Juber Alam	3.57	Significant	Semi Perma	Toilet	NTH
1179	Sultanpur (Barsoi)	46+800-46+900	Shekh Abdur Rouf	9.9	Significant	Semi Perma	Shop	
1180	Sultanpur (Barsoi)	46+800-46+900	Sabana Khatoon	2.85	Significant	Temp	Kiosk	NTH
1181	Sultanpur (Barsoi)	46+800-46+900	Md Taufique Alam	9	Significant	Semi Perma	Stairs	WHH
1182	Sultanpur (Barsoi)	46+800-46+900	Md Salim	26	Significant	Temp	Small Eatery	
1183	Sultanpur (Barsoi)	46+800-46+900	Bhuto Khatoon	32.5	Significant	Temp	Small Eatery	BPL
1184	Sultanpur (Barsoi)	46+800-46+900	Md Sayed	2.55	Significant	Temp	Kiosk	NTH
1185	Sultanpur (Barsoi)	46+800-46+900	Md Tanweer Hamid	9.3+3BW	Significant	Semi Perma	Shed	NTH
1186	Sultanpur (Barsoi)	46+900-47+000	Md Enjil	2.7	Significant	Temp	Kiosk	PHH
1187	Sultanpur (Barsoi)	47+000-47+100	Md Shahrukh Alam	25.8	Significant	Temp	Workshop	NTH
1188	Sultanpur (Barsoi)	47+000-47+100	Hamida Khatoon	3.6	Significant	Temp	Kiosk	WHH
1189	Sultanpur (Barsoi)	47+100-47+200	Ranjeet Kr Shah	7.54	Significant	Temp	Shop	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
1190	Sultanpur (Barsoi)	47+200-47+300	Sumil Kumar	6+14BW	Non-Signi	Semi Perma	Petrol Pump	
1191	Sultanpur (Barsoi)	47+500-47+600	Khanhaiya Paswan	4.32	Non-Signi	Semi Perma	Shop	SC
1192	Sultanpur (Barsoi)	47+500-47+600	Ram Prasad Sahni	8.8	Significant	Temp	House	BPL
1193	Molanapur	48+800-48+900	Md Sultan Alam	6.29	Non-Signi	Temp	House	
1194	Molanapur	49+000-49+100	Md Dara (Md Sarril)	7.8	Non-Signi	Temp	Store Room	BPL
1195	Molanapur	49+000-49+100	Kajim Alam	8.8	Significant	Temp	House	BPL
1196	Raghunathpur	49+600-49+700	Arun Sighaniya (Md Aftab Alam)	13BW	Significant	Semi Perma	Boundary	
1197	Raghunathpur	49+700-49+800	Md Kasim	8.75	Significant	Temp	Kitchen	NTH
1198	Raghunathpur	49+700-49+800	Md Kasim	4	Non-Signi	Temp	Cattleshed	NTH
1199	Raghunathpur	49+700-49+800	Md Afsar Ali	10.2	Non-Signi	Temp	House	BPL
1200	Raghunathpur	49+700-49+800	Naju Nisha	8.36	Significant	Temp	Shop	WHH
1201	Raghunathpur	49+700-49+800	Md Jahajur	3	Non-Signi	Temp	Cattleshed	BPL
1202	Raghunathpur	49+800-49+900	Md Mukhtar Alam (Abdul Skur)	6.24	Significant	Temp	Shop	NTH
1203	Raghunathpur	49+800-49+900	Md Sabbir	2.24	Non-Signi	Permanent	Shop	BPL
1204	Raghunathpur	49+900-50+000	Nilamber Mishra	22.8	Significant	Temp	Shop	NTH
1205	Raghunathpur	49+900-50+000	Nilambar Mishra	9.9	Non-Signi	Semi Perma	Shop	
1206	Raghunathpur	50+000-50+100	Pawan Mandal	4	Significant	Temp	Kiosk	NTH
1207	Raghunathpur	50+000-50+100	Suraj Mahto	8.64	Non-Signi	Temp	Small Eatery	BPL
1208	Raghunathpur	50+000-50+100	Babita Devi	3.75	Non-Signi	Permanent	House	
1209	Raghunathpur	50+000-50+100	Sarvan Mondal	25.2	Significant	Temp	Small Eatery	
1210	Raghunathpur	50+000-50+100	Shanti Devi	13.75	Significant	Temp	Shop	
1211	Raghunathpur	50+000-50+100	Md Abul Hasan	4.5	Significant	Semi Perma	Toilet	
1212	Raghunathpur	50+100-50+200	Md Arman Ali	13.4	Significant	Temp	Kiosk	BPL
1213	Raghunathpur	50+100-50+200	Md Arman Ali	1.8	Significant	Temp	Kiosk	NTH
1214	Raghunathpur	50+100-50+200	Md Anwar	14.4	Significant	Temp	Small Eatery	NTH
1215	Raghunathpur	50+100-50+200	Md Arman Ali	12.16	Significant	Temp	Shop	BPL
1216	Raghunathpur	50+400-50+500	Rama Saha	13.12	Significant	Temp	Shop	BPL
1217	Raghunathpur	50+400-50+500	Asgari Begam	13.25	Significant	Semi Perma	Shop	WHH
1218	Raghunathpur	50+400-50+500	Piryanshu Kumar	20	Significant	Semi Perma	Shop	NTH
1219	Raghunathpur	50+400-50+500	Bednath Saha	34	Significant	Temp	Small Eatery	NTH
1220	Raghunathpur	50+400-50+500	Md Aluddin	20.64	Significant	Semi Perma	Shop	NTH
1221	Raghunathpur	50+400-50+500	Nayina Chohan	8.91	Significant	Temp	Shop	BPL
1222	Raghunathpur	50+400-50+500	Md Masood Alam	15	Significant	Semi Perma	Shop	NTH
1223	Raghunathpur	50+400-50+500	Ashok Saha	31.49	Significant	Temp	Small Eatery	BPL
1224	Raghunathpur	50+400-50+500	Md Firoz Alam	5.46	Significant	Temp	Shop	NTH

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
1225	Raghunathpur	50+500-50+600	Sukha Paswan	21	Significant	Temp	Shop	SC
1226	Raghunathpur	50+600-50+700	Sushil Kr Gupta	32	Non-Signi	Semi Perma	House	
1227	Raghunathpur	50+600-50+700	Sushil Kr Gupta	22.5	Non-Signi	Permanent	House	
1228	Raghunathpur	50+600-50+700	Sushil Kr Gupta	6.25	Significant	Semi Perma	Kitchen	
1229	Raghunathpur	50+600-50+700	Sanjay Kumar Rajak	30.72	Non-Signi	Permanent	House	
1230	Raghunathpur	50+600-50+700	Sanjay Kumar Rajak	24.08	Significant	Temp	Shop	
1231	Raghunathpur	51+900-52+000	Nilam Khatoon	16.82	Significant	Temp	Small Eatery	WHH
1232	Manman	53+100-53+200	Md Ansar Ansari	1.65	Non-Signi	Semi Perma	Shop	
1233	Manman	53+100-53+200	Md Samuriddin Ansari	2.66	Non-Signi	Semi Perma	Shop	
1234	Manman	53+200-53+300	Md Amir Ansari (Nimratun Khatun) W/O Amik Ansari	2.6	Non-Signi	Temp	Cattleshed	BPL
1235	Manman	53+200-53+300	Md Nadim Ansari (Bardun Nisha)	3.9	Non-Signi	Temp	Cattleshed	NTH
1236	Manman	53+200-53+300	Md Qunirazzama Ansari	1.65	Non-Signi	Temp	Shop	NTH
1237	Manman	53+200-53+300	Md Sahir Alam Ansari	2.3	Non-Signi	Temp	Shop	NTH
1238	Manman	53+200-53+300	Md Eklakh Ansari	2.25	Non-Signi	Temp	Shop	NTH
1239	Manman	53+500-53+600	Md Kushad Alam Ansari	1.35	Non-Signi	Temp	Kiosk	
1240	Manman	53+500-53+600	Nazeer Alam	10.8	Non-Signi	Temp	Shop	BPL
1241	Manman	53+500-53+600	Md Khahiruddin Ansari	1.8	Significant	Temp	Cattleshed	NTH
1242	Manman	53+500-53+600	Javed Alam	3.15	Non-Signi	Temp	Shop	NTH
1243	Manman	53+800-53+900	Md Tacdique Ansari	2.75	Non-Signi	Temp	Shop	BPL
1244	Lahgaria	54+100-54+200	Jalilu Rahman Ansari	4.6	Non-Signi	Temp	Small Eatery	NTH
1245	Lahgaria	54+100-54+200	Gopal Ravi Das	4.1	Non-Signi	Semi Perma	Shop	SC
1246	Lahgaria	54+200-54+300	Pardip Yadav	7.8	Non-Signi	Semi Perma	Shop	NTH
1247	Lahgaria	54+200-54+300	Dilip Yadav	7.8	Non-Signi	Temp	Kiosk	NTH
1248	Lahgaria	54+300-54+400	Sakina Khatun	6.46	Non-Signi	Temp	Kiosk	BPL
1249	Lahgaria	54+300-54+400	Md Mansoor Alam	2.2	Non-Signi	Temp	Kitchen	
1250	Lahgaria	54+400-54+500	Md Jawaaid	4.9	Non-Signi	Temp	Cattleshed	NTH
1251	Lahgaria	54+400-54+500	Abdul Rab	7.5	Non-Signi	Temp	Shop	NTH
1252	Lahgaria	54+400-54+500	Md Sahwas Alam	7.75	Significant	Temp	Kiosk	NTH
1253	Lahgaria	54+500-54+600	Bablu Rai	1.5	Significant	Temp	Kiosk	SC
1254	Lahgaria	54+500-54+600	Md Arfat Alam	4.4	Significant	Temp	Shop	NTH
1255	Lahgaria	54+500-54+600	Umesh Rai	2.52	Significant	Temp	Kiosk	SC
1256	Lahgaria	54+500-54+600	Sempul Rai	8.1	Significant	Temp	Shop	SC
1257	Lahgaria	54+500-54+600	Subash Yadav	5.4	Non-Signi	Temp	Shop	NTH
1258	Lahgaria	54+500-54+600	Md Salim Ansari	3.52	Significant	Temp	Kiosk	NTH



S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
1259	Lahgaria	54+500-54+600	Md Abul Hasan	5.2	Non-Signi	Temp	Shop	NTH
1260	Lahgaria	54+600-54+700	Md Chirag Alam Ansari	8.25	Non-Signi	Temp	Small Eatery	
1261	Lahgaria	54+600-54+700	Md Abutalib Ansari	3	Significant	Temp	Shop	WHH
1262	Lahgaria	54+600-54+700	Zilub Thakur	5.2	Significant	Temp	Shop	BPL
1263	Lahgaria	54+600-54+700	Aniya Yadav (Nazir Ahmad)	4.8	Significant	Temp	Shop	NTH
1264	Lahgaria	54+600-54+700	Varun Thakur	2.5	Significant	Temp	Shop	SC
1265	Lahgaria	54+600-54+700	Md Manwwar Ahamd Ansari	7.14	Non-Signi	Temp	Small Eatery	NTH
1266	Lahgaria	54+600-54+700	Md Salim Ansari	6.72	Non-Signi	Temp	Shop	NTH
1267	Daula	54+900-55+000	Sanoj Rai (Prem Rai)	5.04	Significant	Temp	Kitchen	SC
1268	Daula	54+900-55+000	Sharita Devi	18	Significant	Temp	House	BPL
1269	Daula	54+900-55+000	Manish Rai	28.5	Significant	Temp	House	SC
1270	Daula	55+100-55+200	Md Javed Alam	12.5BW	Significant	Semi Perma	Boundary	BPL
1271	Daula	55+100-55+200	Md Janil Alam (Md Javed Alam)	20BW	Significant	Semi Perma	Boundary	
1272	Daula	55+200-55+300	Md Anish	7.8	Significant	Temp	Shop	BPL
1273	Daula	55+200-55+300	Md Abdul Sattar	2.5	Non-Signi	Temp	Cattleshed	
1274	Daula	55+300-55+400	Md Kasim	33.7BW	Significant	Semi Perma	Boundary	NTH
1275	Daula	55+300-55+400	Dipti Devi	59.73	Significant	Temp	Resi+Com	BPL
1276	Daula	55+500-55+600	Sumiti Devi	13.25	Significant	Temp	House	WHH
1277	Daula	55+500-55+600	Akalu Rai	6.9	Significant	Temp	House	SC
1278	Daula	55+600-55+700	Amit Kumar Rai	7.54	Significant	Temp	Shop	SC
1279	Daula	55+600-55+700	Ganesh Chandra Rai	9.2	Significant	Temp	Cattleshed	SC
1280	Daula	55+600-55+700	Sannu Rai	4.2	Non-Signi	Temp	House	NTH
1281	Daula	55+600-55+700	Sannu Rai	4	Significant	Temp	Kiosk	
1282	Rajaul	55+700-55+800	Kankhi Devi	8.32	Significant	Temp	Shop	NTH
1283	Rajaul	55+700-55+800	Kankhi Devi	4	Significant	Semi Perma	Toilet	NTH
1284	Rajaul	55+800-55+900	Md Haidar	4.14	Significant	Temp	Cattleshed	BPL
1285	Rajaul	55+900-56+000	Komal Rai	8.7	Non-Signi	Temp	Small Eatery	SC
1286	Rajaul	55+900-56+000	Md Razaque Ansari	10.2	Significant	Temp	Shop	NTH
1287	Rajaul	55+900-56+000	Niraj Yadav	2.25	Non-Signi	Temp	Small Eatery	NTH
1288	Rajaul	55+900-56+000	Raghunath Yadav	2.88	Significant	Temp	Shop	NTH
1289	Rajaul	55+900-56+000	Md Mohiuddin	5.4	Non-Signi	Semi Perma	Shop	NTH
1290	Rajaul	55+900-56+000	Bharat Kumar Rai	2	Non-Signi	Semi Perma	Shop	SC
1291	Rajaul	55+900-56+000	Md Mouizddin Ansari	3.78	Significant	Temp	Kiosk	BPL
1292	Rajaul	55+900-56+000	Md Nausad Alam	3	Significant	Temp	Shop	BPL
1293	Rajaul	56+000-56+100	Md Ashfaque Ansari	1.33	Non-Signi	Temp	Kiosk	BPL

S.N.	Name of the Village	Chainage Kilometre	Name of the Owner	Affected area of the structure (sq.mt)	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure	Vulnerability Status
1294	Rajaul	56+000-56+100	Md Kaisar Alam	1.2	Non-Signi	Temp	Shop	NTH
1295	Rajaul	56+000-56+100	Jitan Thakur	1.95	Non-Signi	Temp	Shop	BPL
1296	Rajaul	56+000-56+100	Md Jahangir Alam	8.74	Significant	Temp	Shop	WHH
1297	Rajaul	56+000-56+100	Md Alam	1.98	Non-Signi	Temp	Shop	BPL
1298	Pachra	57+000-57+100	Md Asanul Alam ( Sanjida Begam)	3.78	Significant	Temp	Kiosk	BPL
1299	Parwa	57+500-57+800	Arif Alam (Shambhu Lal Yadav)	3.9	Non-Signi	Temp	Shop	NTH
1300	Parwa	57+500-57+800	Md Jagarddish	4.41	Significant	Temp	Shop	BPL
1301	Parwa	57+800-57+900	Md Salimuddin (Javed Alam)	4.75	Non-Signi	Semi Perma	Shop	WHH
1302	Parwa	57+800-57+900	Md Salimuddin (Javed Alam)	4.8	Significant	Temp	Shop	NTH
1303	Parwa	57+800-57+900	Md Salimuddin (Javed Alam)	4.8	Significant	Temp	Shop	NTH
1304	Parwa	57+900-58+000	Sangeet Thakur	5.5	Significant	Temp	Shop	ST
1305	Haripur	59+000-59+100	Md Yehsa	8.3BW	Significant	Semi Perma	Boundary	NTH
1306	Haripur	59+100-59+200	Abdul Gafar	6.02	Non-Signi	Temp	Shop	
1307	Benabari	60+500-60+600	Suman Maranddi	3	Non-Signi	Temp	Shop	ST
1308	Benabari	60+500-60+600	Marayang Himran	5.55	Significant	Temp	Kiosk	ST
1309	Balrampur	60+900-61+000	Jannu Kumar Das	1.65	Non-Signi	Temp	Hotel	SC
1310	Balrampur	61+000-61+100	Jannu Kumar Das	6.6	Non-Signi	Semi Perma	Shop	
1311	Balrampur	61+100-61+200	Jamshed Alam	2.5	Non-Signi	Temp	Shop	BPL
1312	Balrampur	61+200-61+300	Rajeshwar Prasad	17.36	Significant	Temp	Shop	NTH
1313	Balrampur	61+200-61+300	Sugdev Thakur	7.36	Significant	Temp	Shop	BPL
1314	Balrampur	61+200-61+300	Bheem Choudhary	3.9	Significant	Temp	Shop	NTH
1315	Balrampur	61+200-61+300	Deven Choudhary	2.25	Non-Signi	Temp	Shop	NTH
1316	Balrampur	61+200-61+300	Govt. Of Bihar	2.5	Non-Signi	Permanent	Bus stop	NTH
1317	Balrampur	61+400-64+500	Pradeep Kumar Bhagat	11BW	Significant	Semi Perma	Boundary	
1318	Balrampur	61+900-62+000	Geeta Devi	5.6	Non-Signi	Temp	Shop	BPL
1319	Balrampur	61+900-62+000	Md Shahin Eqbal	6	Non-Signi	Temp	House	WHH
1320	Balrampur	62+000-62+100	Zayanta Ghosh	3.4	Non-Signi	Semi Perma	House	NTH
1321	Balrampur	62+300-62+400	Natho Choudhary	2.1	Non-Signi	Temp	Shop	NTH
1322	Balrampur	62+300-62+400	Ram Lakhna Mahto	4.69	Non-Signi	Semi Perma	Shop	BPL
1323	Balrampur	62+400-62+485	Churamani Devi (Chandan Singh)	13.6	Non-Signi	Temp	Shop	BPL
1324	Balrampur	62+400-62+485	Parmeshwar Singh	14.42	Non-Signi	Temp	Shop	

**LIST OF DISPLACED PERSONS (TENANTS AND EMPLOYEES)**

S.No.	Village Name	Name Of the Owner	Name Of the Occupier	Status of Occupier	Social Category
1	Vilahi Araj	Avdhesh Kumar	Ritesh Kumar Sharma	Tenant	OBC
2	Vilahi Araj	Avdhesh Kumar	Dhananjay Mandal	Tenant	OBC
3	Diyari	Md. Khokha	Md. Manarul	Tenant	OBC
4	Kaldehi	Hazi Anamul Haque	Jakir Ali	Tenant	OBC
5	Kaldehi	Haji Aenamul	Dinesh Chaudhri	Tenant	ST
6	Kaldehi	Md Jalil	Manoj Shah	Tenant	OBC
7	Kaldehi (Jhua)	Shrikh Kasim	Md Husain	Tenant	GEN
8	Kaldehi	Abdul Hamid	Md Zeyaul	Tenant	GEN
9	Tahirpur	Md Jafar	Md Asraf	Tenant	GEN
10	Tahirpur (Salmari)	Julkar Nain	Dinesh Kumar Thakur	Tenant	OBC
11	Tahirpur (Salmari)	Julkar Nain	Md Babul	Tenant	GEN
12	Mukuria (Narayanpur)	Pappu Kumar Yadav	Naresh Nuniya	Tenant	SC
13	Sultanpur (Barsoi)	Ramjan Ali	Md Akbar	Tenant	OBC
14	Sultanpur (Barosi)	Rohit Kr Bhagat	Sanowar Alam	Tenant	GEN
15	Raghunathpur	Chandan Saha	Sudheer Jaiswal	Tenant	OBC
16	Raghunathpur	Arun Tewari	Md Idris	Tenant	OBC
17	Raghunathpur	Arun Kr Tiwary	Abdul Khalik	Tenant	GEN
18	Raghunathpur	Arun Kr Tiwary	Birendra Pr Shah	Tenant	OBC
19	Raghunathpur	Madan Mohan Mishra	Satdev Prasad Shah	Tenant	OBC
20	Raghunathpur	Madan Mohan Mishra	Jogendra Shah	Tenant	OBC
21	Raghunathpur	Madan Mohan Mishra	Md Shakil	Tenant	OBC
22	Raghunathpur	Madan Mohan Mishra	Md Raquib Anjum	Tenant	GEN
23	Manman	Md Tanveer	Babul Thakur	Tenant	OBC
24	Lahgaria	Md Israil	Rathin Majumdar	Tenant	SC
25	Lahgaria	Md Israil	Bishnu Sah	Tenant	OBC
26	Parwa	Haren Chandra Singh	Md Ajruil Haque	Tenant	OBC
27	Parwa	Haren Chandra Singh	Ashok Mandal	Tenant	OBC
28	Ibrahimpur	Md Quamruzzaman	Md Faiyaz Alam	Tenant	OBC

S.No.	Village Name	Name Of the Owner	Name Of the Occupier	Status of Occupier	Social Category
29	Balrampur	Raj Kumar Bhagat	Darsanto Sarkar	Tenant	OBC
30	Dalan (Chandrama)	Md Abbas	Majibur Rahman	Tenant	OBC
31	Dalan (Chandrama)	Md Abbas	Md Rahul	Tenant	GEN
32	Vilahi Araj	Naresh Kr Poddar	Sanjay Kr Sharma	Employee	OBC
33	Vilahi Araj	Neeraj Kr	Panchanand Mandal	Tenant	OBC
34	Vilahi Araj	Neeraj Kumar	Sanjay Thakur	Tenant	OBC
35	Vilahi Araj	Neeraj Kumar	Santosh Kr Thakur	Employee	OBC
36	Vilahi Araj	Neeraj Kumar	Shubol Mandal	Tenant	OBC
37	Vilahi Araj	Neeraj Kumar	Amar Kumar	Employee	OBC
38	Harda	Karuna Devi	Raj Kumar Das	Tenant	SC
39	Bijuhar	Binod Sah	Julesh Sah	Tenant	OBC
40	Bijuhar	Manoj Kumar Sah	Arvind Thakur	Tenant	OBC
41	Gothaila	Kanchan Kumar Mistri	Sunil Kumar Sah	Tenant	OBC
42	Gothaila	Pappu Mistri	Ravi Kr Sah	Employee	OBC
43	Gothaila	Suman Thakur	Gorakh Nath Thakur	Tenant	OBC
44	Gothaila	Bikesh Thakur	Parmeshwar Bishwash	Tenant	OBC
45	Tahirpur	Waheed Reza	Md Emam Sheikh	Employee	OBC
46	Tahirpur	Waheed Reza	Toofani Singh	Tenant	OBC
47	Tahirpur	Waheed Raza	Megnath Singh	Tenant	OBC
48	Tahirpur	Waheed Raza	Sukhanu Singh	Tenant	OBC
49	Mukuria (Naryanpur)	Bivi Mahabadi Khtoon	Deven Yadav	Tenant	OBC
50	Raghunathpur	Sarvan Mandal	Mangal Prasad Sah	Tenant	OBC
51	Raghunathpur	Nilamber Mishra	Amit Kr Mandal	Tenant	OBC
52	Raghunathpur	Nilamber Mishra	Sanjay Kumar	Tenant	OBC
53	Raghunathpur	Md Mamman Rashid	Md Raquid Alam	Tenant	GEN
54	Raghunathpur	Kailash Kr Mandal	Raja Nanendra Das	Tenant	SC
55	Raghunathpur	Md Kaiser	Md Ifran	Tenant	GEN
56	Manman	Sammuriddin Ansari	Tahmeed Ansari	Tenant	OBC
57	Parwa	Md Salimuddin Ansari	Nitesh Thakur	Tenant	OBC
58	Parwa	Md Salimuddin Ansari	Md Wahid Asgar	Tenant	OBC

S.No.	Village Name	Name Of the Owner	Name Of the Occupier	Status of Occupier	Social Category
59	Parwa	Md Salimuddin Ansari	Dewan Chand Singh	Tenant	OBC
60	Balrampur	Jannu Kumar Das	Noor Alam	Tenant	OBC
61	Balrampur	Jannu Kumar Das	Bikesh Kumar Das	Tenant	GEN

Note: 17 tenants were not found during the time of survey.

APPENDIX 3: LIST OF CPR

S.No.	Name of the Village	Chainage Kilometre	Name of the Owner	Area of Affected Structure (Sq.m)/RM	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure
1	Dalan (Sirsa)	0+700-0+800	Gandhi Educational Trust (Rajiv Kumar Jaiswal)	12+40 BW	0-25	Semi Permanent	School
2	Dalan (Monga)	0+800-0+900	Temple	8.12	75-100	Permanent	Temple
3	Dalan (Monga)	0+900-1+000	Indian Railway (Govt. Of India)	12.9	75-100	Permanent	Gumti
4	Dalan (Monga)	0+900-1+000	Indian Railway (Govt. Of India)	6.25	75-100	Semi Permanent	Gumti
5	Dalan (Monga)	1+600-1+700	School (Govt. Of Bihar)	3.25	75-100	Semi Permanent	Toilet
6	Dalan (Monga)	1+600-1+700	School (Govt. Of Bihar)	30.02	75-100	Permanent	School
7	Dalan (Monga)	1+600-1+700	School (Govt. Of Bihar)	2.25	75-100	Permanent	Toilet
8	Tapka (Pothiya Ghat)	4+600-4+700	Temple	18.36	75-100	Semi Permanent	Temple
9	Belwa	5+000-5+100	Temple	7.28	75-100	Permanent	Temple
10	Borni Gorgawan	7+700-7+800	Mosque (Jama Masjid Saharpura)	10 BW	75-100	Semi Permanent	Religious
11	Borni Gorgawan	8+000-8+100	Temple	7.56	75-100	Permanent	Temple
12	Borni Gorgawan	9+600-9+700	Temple	4.56	25-50	Permanent	Temple
13	Souria	11+400-11+500	Temple	6.5+62 BW	25-50	Temp	Godown
14	Bhamraili	13+300-13+400	Temple	4	50-75	Semi Permanent	Temple
15	Bhamraili	13+900-14+000	Temple	7.5+12 BW	75-100	Semi Permanent	Temple
16	Bhamraili	15+700-15+800	Temple	4	75-100	Permanent	Temple
17	Vilahi Araj	17+500-17+600	Temple	10.14	75-100	Temp	Temple
18	Vilahi Araj	17+500-17+600	Temple	9.8+22BW	75-100	Semi Permanent	Temple
19	Vilahi Araj	17+600-17+700	Temple	8.4	75-100	Temp	Temple
20	Vilahi Araj	17+600-17+700	Hospital (Govt. Of Bihar)	35.8 BW	75-100	Semi Permanent	Boundary
21	Nijhra	17+900-18+000	Temple	24.18	25-50	Permanent	Temple
22	Nijhra	18+300-18+400	Temple	60.68	75-100	Semi Permanent	Chabutra
23	Nijhra	18+300-18+400	Phed (Govt. Of Bihar)	16.1	75-100	Temp	Water Tank
24	Bijuhar	23+900-24+000	Mahraj Baba Tempel	21.78	75-100	Permanent	Temple

S.No.	Name of the Village	Chainage Kilometre	Name of the Owner	Area of Affected Structure (Sq.m)/RM	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure
25	Bijuhar	23+900-23+000	Rest Point (Government Of Bihar)	37.62	75-100	Permanent	Passenger rest house
26	Bijuhar	24+500-24+600	Temple (Braham Baba)	4.41	75-100	Permanent	Temple
27	Gothaila	26+500-26+600	Sant Satguru Maheshi Paramanand Temple	19	75-100	Semi Permanent	Temple
28	Gothaila	27+700-27+800	Uthkarmith School (Govt.Of Bihar)	47 BW	75-100	Semi-Permanent	Boundary
29	Kaldehi	28+900-29+000	Eid Gah	38.6 BW	75-100	Semi-Permanent	Religious
30	Kaldehi	30+100-30+200	Temple	2.25	75-100	Temp	Temple
31	Bathan Kheti	33+200-33+300	Temple	3.75	75-100	Semi-Permanent	Temple
32	Mukuria (Narayanpur)	40+200-40+300	Railway Gumti (Govt.Of India)	18.29	75-100	Permanent	Gumti
33	Mukuria	40+800-40+900	Hanuman Temple	10.89	75-100	Semi-Permanent	Temple
34	Mukuria	41+800-41+900	Hanuman Temple	7.04	75-100	Permanent	Temple
35	Sultanpur	44+800-44+900	Kali Temple	11.1	75-100	Semi-Permanent	Temple
36	Sultanpur	44+800-44+900	Kali Temple	18	75-100	Semi-Permanent	Temple
37	Sultanpur (Barosi)	45+900-46+000	Durga Temple	18.09	0-25	Permanent	Temple
38	Sultanpur (Barosi)	46+000-46+200	Bus Stop (Govt. Of Bihar)	22.75	75-100	Permanent	Bus stop
39	Sultanpur (Barosi)	46+800-46+900	Water Tank (Government Of Bihar)	4.05	75-100	Permanent	Water Tank
40	Raghunathpur	50+100-50+200	Aadarsh Nehru Yuva Club	20.01	75-100	Semi-Permanent	Club
41	Raghunathpur	50+200-50+300	Durga Temple	21	25-50	Permanent	Temple
42	Raghunathpur	50+400-50+500	Statue Of Indra Gandhi	0.49	75-100	Permanent	Statue
43	Raghunathpur	50+400-50+500	Shani Maharaj Temple	3.57	75-100	Permanent	Temple
44	Raghunathpur	50+500-50+600	Railway Gumti (Govt.Of India)	14.4	75-100	Permanent	Gumti
45	Raghunathpur	52+300-52+400	Railway Gumti (Govt.Of India)	12.6	75-100	Permanent	Gumti
46	Manman	53+200-53+300	Mosque	6	75-100	Temp	Generator Room
47	Daula	55+300-55+400	Temple	13.2	75-100	Permanent	Temple
48	Mirangpur	59+100-59+200	Temple	4.83	75-100	Temp	Temple
49	Balrampur	61+100-61+200	Temple	18+22.2BW	50-75	Semi-Permanent	Ashram
50	Balrampur	61+100-61+200	Temple	8	75-100	Permanent	Temple
51	Balrampur	61+200-61+300	Police Station (Govt. Of Bihar)	46 BW	75-100	Semi-Permanent	Boundary
52	Balrampur	61+200-61+300	Temple	8	0-25	Permanent	Temple
53	Balrampur	62+000-62+100	Police Check Post (Govt. Of Bihar )	16.75	25-50	Semi-Permanent	Police Check Post
54	Balrampur	62+400-62+485	Temple	7.6	25-50	Permanent	Temple

S.No.	Name of the Village	Chainage Kilometre	Name of the Owner	Area of Affected Structure (Sq.m)/RM	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure
55	Dalan (Mongra)	0+800-0+900	Indian Railway (Govt.Of India)	12.6	50-75	Temp	Quarter
56	Dalan (Chandrama)	2+400-2+500	Prathamik Vidyalaya Chandarma (Govt. Of Bihar)	2.25	75-100	Permanent	Toilet
57	Tapka (Sarvasa)	3+400-3+500	Temple	3.68	75-100	Temp	Temple
58	Belwa	5+200-5+300	Govt. Of Bihar	16.56	75-100	Temp	Water Tank
59	Belwa	5+400-5+500	Temple	52.56	75-100	Semi-Permanent	Temple
60	Belwa	5+400-5+500	Govt. Of Bihar	34.17	75-100	Permanent	Hawa Mahal
61	Belwa	5+400-5+500	Temple	26.66	75-100	Permanent	Temple
62	Belwa	5+800-5+900	Temple	8.32	0-25	Permanent	Temple
63	Belwa	5+800-5+900	Temple	22.1	25-50	Permanent	Temple
64	Belwa (Pokhar Tola)	6+400-6+500	Temple	39.65	75-100	Semi-Permanent	Under Cons
65	Borni Gorgawan	9+300-9+400	Temple	9.6	75-100	Permanent	Temple
66	Souria	10+800-10+900	Madarsa	36.9	75-100	Temp	School
67	Hamsaili	12+900-13+000	Kabristan	155 BW	75-100	Semi-Permanent	Boundary
68	Bhamraili	14+500-14+600	Temple	26.46	75-100	Semi-Permanent	Temple
69	Ragheli	15+700-15+800	Government Of Bihar	40	50-75	Permanent	Shed Fish Market
70	Ragheli	15+700-15+800	Panchayat Bhawan, Bhamreli (Government Of Bihar)	43.8	50-75	Permanent	Panchayat Bhawan
71	Ragheli	15+700-15+800	High School, Ragheli (Government of Bihar)	60.59+95.5 BW	50-75	Permanent	School
72	Ragheli	15+700-15+800	High School, Ragheli (Government of Bihar)	83.64	75-100	Permanent	School
73	Ragheli	15+700-15+800	High School, Ragheli (Government of Bihar)	81.81	75-100	Permanent	School
74	Ragheli	15+700-15+800	High School, Ragheli (Government of Bihar)	34.5	75-100	Permanent	School
75	Ragheli	15+700-15+800	High School, Ragheli (Government of Bihar)	13	0-25	Permanent	School
76	Gothaila	26+700-26+800	Pir Baba (Majar)	12.25	75-100	Semi-Permanent	Religious
77	Gothaila	26+700-26+800	Temple	1	75-100	Permanent	Temple
78	Gothaila	27+800-27+900	Maharaj Temple	14	75-100	Semi-Permanent	Temple
79	Mania	29+500-29+600	Police Chowki (Govt. Of Bihar)	15	75-100	Temp	Police Chouki
80	Meenapur	31+500-31+600	Govt. Of Bihar	8.8	75-100	Permanent	Toilet
81	Tahirpur (Salmari)	35+100-35+200	Collage Canteen (Govt. Of Bihar)	68.8	75-100	Permanent	Canteen
82	Mukuria (Narayanpur)	40+400-40+500	Temple	2.55	75-100	Semi-Permanent	Temple
83	Mukuria	43+600-43+700	Police Chowki (Govt. Of Bihar)	11.55	25-50	Permanent	Police Chouki



S.No.	Name of the Village	Chainage Kilometre	Name of the Owner	Area of Affected Structure (Sq.m)/RM	Scale of Impact (In %)	Type of Construction of Structure	Use of Structure
84	Jitawarpur	43+900-44+000	Dargah	5	75-100	Permanent	Religious
85	Sultanpur (Rash Chowk)	46+100-46+200	Bus Stop (Govt. Of Bihar)	24.32	75-100	Permanent	Bus stop
86	Molanapur	49+000-49+100	Temple	4.2	0-25	Permanent	Temple
87	Raghunathpur	49+800-49+900	Mosque	18.5 BW	75-100	Semi-Permanent	Religious
88	Raghunathpur	52+300-52+400	Indian Railway (Govt. of India)	87.74	75-100	Semi-Permanent	Gumti
89	Haripur	58+600-58+700	Temple	8.4	0-25	Permanent	Temple
90	Balrampur	61+100-61+200	Temple	14.28	50-75	Permanent	Temple
91	Balrampur	61+200-61+300	Govt. Of Bihar	17	0-25	Permanent	

APPENDIX4: FINDINGS OF CONSULTATIONS

Chainage	Village	Type of village	Tehasil/ Block	District	GPS Coordinates Longitude      Latitude	Date of Consultation	Number of Participants (Male/Female)
1+200 -1+300	Dalan (Mongra)	Semi urban	Katihar	Katihar	Longitude: 25.5840609 Latitude: 87.5678942	05-12-2021	16/23
10+700 - 10+ 800	Souriya	Rural	Dandkhora	Katihar	Longitude: 25.60933 Latitude: 87.631818	06-12-2021	16/14
17+200 - 17+300	Vilahi Araj (Naya tola)	Rural	Dandkhora	Katihar	Longitude: 25.613930 Latitude: 87.686026	05-12-2021	11/54
20+820 - 20+920	Pelagor	Rural	Kadwa	Katihar	Longitude: 25.599083 Latitude: 87.721529	07-12-2021	16/18
34+900 - 35+000	Tahirpur	Rural	Azam Nagar	Katihar	Longitude: N25.6107310 Latitude: E87.8324670	07-12-2021	19/0
44+200 - 400+300	Jitwarpur	Rural	Azam Nagar	Katihar	Longitude: N25°37' 25" Latitude: E87°54'47"	07-12-2021	8/23
53+000 - 53+100	Manman	Rural	Barsoi	Katihar	Longitude: N25°40' 18" Latitude: E87°55'12"	08-12-2021	3/13
55+000 - 55+100	Daula	Rural	Barsoi	Katihar	Longitude: N25°41'20" Latitude: E87°55'32"	08-12-2021	13/25

Question Village	General perception about the project and the awareness about the proposed project.	Support of local people for the proposed project.	Any critical issue or concern by the local people regarding the project?	Any specific measure you would like to see considered during project design, construction and operation stage ?
Dalan (Mongra)	General Perception is Positive, Public are aware about this project.	Yes, in support of the proposed project.	No	Speed breaker should be there to avoid accident.
Souriya	General Perception is Positive, Public are aware about this project.	Yes, in support of the proposed project.	No	Yes, people will like to see speed breaker and street light in the village area road.
Vilahi Araj (Naya tola)	People are aware and general perception is that the project should be implemented as soon as possible.	Yes, in support of the proposed project.	No	Yes, people will like to see speed breaker and street light in the village area road.
Pelagor	General Perception is Positive, Public are aware about this project.	Yes, in support of the proposed project.	No	Speed breaker should be there to avoid accident.
Tahirpur	People are aware and general perception is that the project should implement as soon as possible.	Yes, in support of the proposed project.	No	The road should be expanded both sides of the existing road.
Jitwarpur	Positive perception about the proposed project.	Yes, in support of the proposed project.	No	No
Manman	Positive Perception about the project. Public are aware about this project.	Yes, in support of the proposed project.	No	People requested that whenever road is widened a drain should be constructed at the edge of the road to make people aware of government land. Then no encroachment will take place.
Daula	Peoples are aware about the project and waiting for implementation.	Yes, in support of the proposed project.	No	Yes, there should be divider and speed breaker on the proposed road. Drainage should be on both side of the road.

Village	Do you have any problem with the existing road?	In your opinion, if the road has to be expanded, which side should the expansion take place and why?	What is the Mode of Transport?	How much time you spend for reaching to District HQ?
Dalan (Mongra)	Due to narrow Road traffic congestion, jam happens, take too much time to travel and accident occurs.	Both side of the existing road equally. No one could say that any partiality happened.	Auto rickshaw and bus.	10 minutes
Souriya	Yes, More Time consume in travel and frequent accident.	As per our opinion the road should be expanded both sides, because both side road has equal land.	Auto and bus.	One hour.
Vilahi Araj (Naya tola)	Due to narrow Road traffic congestion, jam happens, take too much time to travel and more chances of accidents.	Both side of the existing road equally. No one could say that any partiality happened.	Auto rikshaw and bus.	One hour.
Pelagor	Yes, More Time consume in travel and frequent accident.	Both side of the existing road equally. No one could say that any partiality happened.	Auto, Bus, Train	40 minutes
Tahirpur	The road is very narrow. Very difficult to pass 2 vehicles at the opposite direction.	The land should be acquired from North side more because there is government land.	Auto, Bike etc.	1.45 Hour to reach the DHQ.
Jitwarpur	Existing Road is too narrow.	Expand to those sides where there is no structure or minimum structure to avoid the impact	Auto and private vehicle	Two hours to two and half hours
Manman	Yes, Existing Road has lot of traffic. Water logging during rainy season, there is no drainage.	As per our opinion the road should be expanded both side because both side road has equal land.	Mode of transport are Auto rickshaw and Private Vehicles like, Car and Bikes.	3 hours approximately
Daula	Yes, existing road has lot of traffic.	As per our opinion the road should be expanded both sides.	The mode of transport are Auto rickshaw, Car and Bike.	It takes approx 3 hours to reach to district H.Q.

Village	How is the Frequency of Public Transport?	Do you sell your agricultural product in the market? If yes, How do you transport them?	Is the proposed project going to reduce accidents and provide better traffic system?	Is it commercially developed area?	Is it an industrial area ?
Dalan (Mongra)	On every five minutes.	Yes, By Tractor.	Yes.	Yes	Small Industry
Souriya	Between 10-20 minutes	No, because most of people doesn't have agriculture land in our area.	Yes	No	No
Vilahi Araj (Naya tola)	30 minutes	Yes, By Tractor.	Yes	No	No
Pelagor	30 minutes to 40 minutes	Yes, by Tractor or Truck.	Yes, by widening of Road and better traffic system definitely will reduce accident.	No	No
Tahirpur	Between 2 hours	Yes, Tractor and pick up van.	Yes, vehicle will be pass easily, so it will reduce chances of accident.	No	No
Jitwarpur	Between 15 to 20 minutes	Yes, through the tractor.	Yes, vehicle will be pass easily, so it will reduce chances of accident.	No.	No
Manman	The frequency of public transport is approx. 30 minutes.	Yes, By Tractor.	It may reduce road accident	No	No
Daula	The frequency of public transport is approx. half an hour.	No, because most of people don't have agriculture land in our area.	It is expected that proposed project going to reduce accident and providing better transport and traffic system.	No	No

Village	What are the economic activities? Land use, cropping pattern (Seasonal), type of crops etc.?	Current rates for the land per acre	Main source of drinking water	Is there shortage of water for human consumption?
Dalan (Mongra)	Agriculture, Crops: dalhan and maize.	Rs. 70,000,000/acre	Tube well	No
Souriya	Farming, Business, 2 Seasonal cropping patterns Type of crops are Paddy, Wheat, Dhaan, Maize, Tori and potato.	Rs. 30,000,000/acre	Hand Pump and Tap water (Nal-Jal)	No
Vilahi Arajji (Naya tola)	Agriculture, Crops: dalhan and maize, makhana, mustard etc..	Rs. 30,000,000/acre	Tube Well	No
Pelagor	Agriculture, Crops: dalhan and maize, makhana, mustard etc..	Rs. 6 lacs/Decimal	Tube well and Nal Jal	No
Tahirpur	Agriculture, Crops: Rice, Wheat, maize, Jute, mustard, Vegetables.	Rs. 2,500,000/acre	Tube Well	No
Jitwarpur	Agriculture, Labour, Service and business. 2 Seasonal cropping pattern. Type of crops are Paddy, Maize, Wheat, Tori, Mustard etc.	Rs. 10,000,000/acre	Tube well and supply water.	No
Manman	Economic activities are Business, agriculture and Labour. Land use for agriculture, 2 Seasonal cropping patterns. Type of crops are Paddy, Wheat, Maize, Tori and potato.	Rs.10,000,000/acre.	Main source of drinking water is Handpump and supply water.	No, there is no shortage of water for human consumption.
Daula	Economic activities are Labour and Agriculture. Land use for agriculture, 2 Seasonal cropping patterns. Type of crops are Paddy, Wheat and maize.	Current rates for the land per acre is Rs. 1 crore/acre.	Main source of drinking water is Handpump and supply water.	No

Village	Is there any loss of residential/commercial structures due to the project?	Is there any Loss of community life like Market places or community activities to be affected?	Resettlement and Land acquisition (if foreseen due to expansion of road) Has there been land acquisition before?	Availability of Hospitals and over all environment condition. Is there any chronic disease prevalent in this area and are you aware about HIV/AIDS and STD?
Dalan (Mongra)	Yes, Residential loss will occur	No	Yes, Land was acquired for defense purpose.	No, hospital, Diabetes and heart diseases are commonly diseases. Peoples are aware of HIV/AIDS and STD.
Souriya	Yes,	No	No	Main hospital is available in district and PHC on block level. Overall environmental condition is good. No there has not any chronic disease prevalent in this area. Yes, we are aware about HIV/ AIDS and STD.
Vilahi Araj (Naya tola)	Yes, Residential loss will occur	No	No	No hospital, Diabetes, Arthritis, Hepatitis some common diseases in this area and yes, we are aware about HIV/AIDS and STD.
Pelagor	Yes, Residential loss and land loss	No	No	No hospital, No chronic disease. Yes, we are aware about HIV/AIDS and STD.
Tahirpur	No.	No	No	No hospital at village level. No, chronic diseases are seen. People are aware of HIV/AIDS and STD.
Jitwarpur	Yes, Loss of residential structure.	No	No	No hospital is available within a range of 10 kms. Aware of several diseases.
Manman	Yes, there is minor loss of residential/commercial structure due to the project.	No, there is no loss of community life like Market places or community activities,	No, there had not been any land acquisition before.	No, hospital, aware of chronic diseases. No such disease at village level.
Daula	Yes, there is loss of residential/commercial structure due to the project.	No, there is no loss of community life.	No	No, there is not any chronic disease in this area

Village	What are the challenges facing due to Covid -19 in the area?	Poverty Level: Is the area poor or very poor or well off?	Education Status: Literate, illiterate etc	Employment Status: Percentage of employment/ unemployment	Migration pattern (If any), inward or outward
Dalan (Mongra)	Challenges at the time of Covid-19 are unemployment, shortage of money and grocery food etc.	Very poor.	50% illiterate and 50% literate.	Farming is only activity, no other employment.	30% In-migration.
Souriya	Lack of foods, medicine and grocery products.	Very poor.	25% literate and 75% are illiterate.	Employment 25%, unemployment is 75%	50% out-migration.
Vilahi Araj (Naya tola)	Lack of foods, medicine and grocery products.	Very poor.	20% literate and 80% are illiterate.	Employment 25%, unemployment is 75%	10% out-migration.
Pelagor	Lack of foods, medicine and grocery products.	Poor	05% literate and 95% are illiterate.	Employment 30%, unemployment is 70%	5% outward
Tahirpur	Unemployment, shortage of grocery and medicine.	Very poor.	20% literate and 80% illiterate	Employment 05%, unemployment is 95%	50% outward.
Jitwarpur	Lack of food, medicine and unemployment.	Poor	40% literate and 60% illiterate	Employment 30%, unemployment is 70%	Yes, outward 50%
Manman	Challenges at the time of Covid-19 are unemployment, shortage of money and grocery food etc.	Yes, the area is poor.	60% people are illiterate and 40% are literate.	70% unemployment and 30% employment.	Yes, Migration pattern is outward.
Daula	Shortage of grocery and medicine	The area is very poor.	90% people are illiterate and 10% are literate.	70% unemployment and 30% Employment.	Yes, Migration pattern is outward.



Village	If the widening of the road necessitates dislocation, where would you like to be relocated?	What is the possibility of shifting the religious structure(s) if any? And where to relocate?	Preferred option for compensation (Cash or kind)	Perceived benefits from the project
Dalan (Mongra)	In same village.	Behind the old structure	Cash only.	Time will save; less time to reach market, hospital and other major destination.
Souriya	We will prefer to relocate to some other places.	Behind the current structure	Cash.	Number of accidents will decrease. Communication will be easy.
Vilahi Araj ( Naya tola)	In the same village	Behind the existing structure	Cash.	Area will develop. Ease of communication.
Pelagor	In the same village	Behind the existing structure	Cash.	Area will develop. Ease of communication.
Tahirpur	In the same village.	No shifting at all religious structure.	By Cash	<ul style="list-style-type: none"> <li>· Easy to reach destination/District town in short time.</li> <li>· Public vehicle will increase.</li> <li>· Vehicle's speed will increase. Save fuels and time.</li> <li>· Easy to reach hospital, collage and other destination.</li> </ul>
Jitwarpur	May shift to another place	Yes, it may be possible to shift the religious structure	Cash	Area will develop. It may create new employment opportunity.
Manman	Relocate somewhat to back side of the existing place.	There is possibility of shifting the religious structure(s). It would be relocated to another place.	Preferred cash compensation option.	<ul style="list-style-type: none"> <li>· Village will be developed.</li> <li>· May some Industry will come.</li> <li>· Business and employment opportunity will increase</li> </ul>
Daula	Don't have any land to relocate to other place.	Religious structure should be shifted to another place.	Preferred cash compensation.	<ul style="list-style-type: none"> <li>· Easy to reach destination/District town in short time.</li> <li>· Public vehicle will increase.</li> <li>· Vehicle's speed will increase. Save fuels.</li> <li>· Easy to reach hospital, college and other destination.</li> </ul>

Village	Perceived Losses from the project	what are the organizations like NGOs/CBOs active in the area?	Is this consultation useful? How?	Likely involvement of local people in the implementation of the project?	What is the tourism potential in the area?	Any other Issues
Dalan (Mongra)	Floating population will increase. Crime will increase.	No such organization is there.	Yes, came to know about the proposed project more.	Yes, if administration allow so.	Movement of people may increase but, there is no place of tourism in nearby.	Improvement of road is correct but, efforts are required to control speed and accidents.
Souriya	No	No such organization is present.	Yes, this consultation is useful, due to this consultation we are able to know many things about the project.	Yes, job opportunities will flourish for the local people.	No place of tourism in nearby.	If possible, speed breaker, street light should be provided on the proposed road.
Vilahi Arajji ( Naya tola)	Land loss	No such organization is active.	Yes, many things came to know through this consultation.	Yes, if an opportunity to local people is given.	No place of tourism in nearby.	None
Pelagor	Land loss	No	Yes, more information gathered.	Yes,	No place of tourism in nearby	None
Tahirpur	Loss of Land	No	No.	Yes.	Govt. to think about the tourism development.	No
Jitwarpur	Loss of residential structure	No	Yes, came to know more about the proposed project	Yes, if contractor wants so.	Movement of people may increase but, there is no place of tourism in nearby	No
Manman	Some persons may loss there residential/ commercial structure.	No, there are no any such organization.	Yes, this consultation is very useful.	Yes, local people will involve in the implementation of the project.	Tourism spots should be developed by the administration.	(1)If possible there must be speed breaker, street light on the proposed road. (2) There is no drainage which caused water logging. (3) In the year 2017 the area was highly affected from Flood.
Daula	Loss of Residential / Commercial structure due to the project.	Yes, there is an active organization 'Sita Welfare Society'.	Yes, this consultation is very useful.	Yes, people will get employment.	No, it is not a tourism potential area.	Vehicle Speed will increase so there must be speed breaker, street light on the proposed road.



APPENDIX 5: PHOTOGRAPHS AND LIST OF PARTICIPANTS IN FGD ALONG THE ROAD

	
Consultation at Dalan (Mongra) Village	Consultation at Gorgawan Village
	
Consultation at Souriya Village	Consultation at Kaldehi Village
	
Consultation at Vilahi Araj (Naya tola)Village	Consultation at Parwaa Village
	
Consultation at Pelagol	Consultation at Pindhai Village
	
Consultation at Tahirpur Village	Consultation at Ragunathpur Village



	
Consultation at Jitwarpur Village	Consultation at Tapka Village
	
Consultation at Daula Village	
	
Consultation at Manman Village	

Not to be used as a Bid Document, Only for Reference



village - Dalan (mogra)

Bihar State Highway Project-3 (Phase-2)

## 4. List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	MDJAWED AKHTAR	LECTURER	53	M	Md Jawed Akhtar Khan
2	MD KHTIBUR RAHMAN KHAN	ADVOCATE CLERK	62	M	Md Khatim Rahman Khan
3	MD SHARIF AHMAD KHAN	ADVOCATE CLERK	39	M	Md Sharif Ahmad Khan
4	SHADABAHSAN KHAN	TEACHER	44	M	Shafat Ahson Khan
5	NAIYAR MASOOD KHAN	SOCIAL WORKER	50	M	Naiyar Masood Khan
6	RAJAMURAD KHAN	BUSINESS	40	M	Raja Murad Khan
7	DHANESHWAR SAH	LABOUR	63	M	धनेश्वर साह
8	IMTIYAZ KHAN	STUDY	24	M	Imtiyaz Khan
9	MD RASHID KHAN	STUDY	22	M	Md Rashid Khan
10	KASHIF KHAN	STUDY	24	M	Kashif Khan
11	RAJAN SAH	STUDY	26	M	Rajan Sah
12	Asif bin Razi Khan	Engineering	24	M	Asif Khan
13	SURAJ YADAV	BUSINESS	38	M	Suraj
14	ARYAN RAJ	LABOUR	28	M	आर्य राज
15	PRAKASH YADAV	SERVICE	40	M	Prakash
16	MD MANZAR JAMAL KHAN	FARMER	45	M	Md. Manzoor Khan
17					
18					
19					
20					
21					

Not to be used as a Bid Document. Only for Reference



Not to be used as a Bid Document, Only for Reference

village - Souria					
Bihar State Highway Project-3 (Phase-2)					
4. List of Participants					
S.I.	Name	Profession	Age	Sex	Signature
1	MD SHAKIL	FARMER	45	M	
2	MD ASLAM	LABOUR	48	M	
3	GULAM HAZRAT	LABOUR	31	M	
4	MD DILSHAD KHAN	STUDY	18	M	
5	AKBAL KHAN	FARMER	64	M	
6	ISRAFIL KHAN	BUSINESS	71	M	
7	MEHBUL KHAN	LABOUR	60	M	
8	RASID KHAN	LABOUR	61	M	
9	SADIK KHAN	LABOUR	23	M	
10	SHAIKH MAABOOL	LABOUR	60	M	
11	SATTAR KHAN	LABOUR	64	M	
12	S.K. NAZIR	BUSINESS	46	M	
13	MD SHAFIK KHAN	LABOUR	47	M	
14	ANWAR	LABOUR	38	M	
15	SHAIK SHEPUL	LABOUR	66	M	
16	MD NASIR ALAM	FARMER	66	M	
17					
18					
19					
20					
21					

village - vilahi Araji (vilahi Naya Tola)

Bihar State Highway Project-3 (Phase-2)

4. List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	AVDESH PODDAR	FARMER	50	M	अवदेश पौडार
2	RAMDEV SHEKHAR	FARMER	43	M	रामदेव शेखर
3	KAMAL PODDAR	FARMER	55	M	kamal. Poddar
4	RAJESH KUMAR PODDAR	M/M SUPERVISER	38	M	Rajesh Kumar
5	SUBODH PODDAR	FARMER	52	M	सुबोध पौडार
6	SAIDANAND MANDAL	FARMER	38	M	सादानंद मंडल
7	VINOD KUMAR MANDAL	FARMER	48	M	विनोद कुमार
8	MANENDRA PODDAR	FARMER	45	M	मानेन्द्र पौडार
9	DILIP RAM	BUSINESS	50	M	दिलीप राम
10	SUBODH PRASAD MANDAL	FARMER	70	M	सुबोध प्रसाद मंडल
11	KIRAN PODDAR	FARMER	46	M	किरण पौडार
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					



village-Tahispur

Bihar State Highway Project-3 (Phase-2)

4. List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	md AFTABALAM	Business	49.	male	Md. Aftab Alam
2	md. JAMEL ANJUM	Farmer	52	male	4/10/17/17 37/3/11
3	md. Tarik Jamil	Service	37.	male	4/10/17/17 37/3/11
4	md SAJID	Farmer	59	male	4/10/17/17 37/3/11
5	md. ZAFAR ALAM	Service.	63.	male	4/10/17/17 37/3/11
6	md. ZULKARNAEN.	Business.	34	male	4/10/17/17 37/3/11
7	md. ZAFRUL HAB	Farmer	30	male	4/10/17/17 37/3/11
8	md. MOJIBUR RAHMAN.	Service	45	male	4/10/17/17 37/3/11
9	md JAHANGIER ALAM	Business	52.	male	4/10/17/17 37/3/11
10	GMDADUL HAB	Farmer	35	male	4/10/17/17 37/3/11
11	md TAMHAZD ALAM	Business	47	male	4/10/17/17 37/3/11
12	md ASTE RAZA	Service.	40	male	4/10/17/17 37/3/11
13	md. ZULFAKKAR	Business	37	male	4/10/17/17 37/3/11
14	Steel. SAHRUL HODA	Service	45	male	4/10/17/17 37/3/11
15	md ZAFFAR ABBAS	Student.	21	male	4/10/17/17 37/3/11
16	md NETAMUDDEN	farmer.	50	male	4/10/17/17 37/3/11
17	MOJIBUR RAMAN	Service	45	male	4/10/17/17 37/3/11
18	ANSARUL ANSAR	Service	27	male	4/10/17/17 37/3/11
19	CHIEKU MALDAR	Labour	50	male	4/10/17/17 37/3/11
20					
21					

Page 5 of 6



village - pelagor (Pahalgarkh)

Bihar State Highway Project-3 (Phase-2)

## 4. List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	NIKHIL KUMAR SINGH	FARMER	54	M	Nikhil K. Singh
2	GAUTAM KUMAR SINGH	FARMER	48	M	Gautam Singh
3	RAJESH KUMAR SINGH	FARMER	49		Rajesh K. Singh
4	MANOJ KUMAR SINGH	FARMER	58		Manoj Kumar Singh
5	KISHAN KUMAR SINGH	STUDENT	25		Kishan Kumar Singh
6	SUBHASH CHANDRA SINGH	FARMER	66		Subhash Chandra Singh
7	LAXMIKANT SINGH	FARMER	78		Laxmikant Singh
8	RISHI KUMAR SINGH	FARMER	71		Rishi Kumar Singh
9	SHARAT KUMAR SINGH	FARMER	42		Sharat Kumar Singh
10	KRISHNA KUMAR SINGH	FARMER	50		Krishna Kumar Singh
11	BAIDHYANATH P. SINGH	FARMER	58		Baidhyanath P. Singh
12	PRAMOD KUMAR SINGH	<del>FARMER</del> (SERVICE)	63		Pramod Kumar Singh
13	VIKRAM KUMAR SINGH	FARMER	50		Vikram Kumar Singh
14	PRITHVI RAJ SINGH	STUDY	25	M	Prithvi Raj Singh
15	MOHIT RAJ SINGH	STUDY	18	M	Mohit Raj Singh
16	SAJAN SINGH	FARMER	60	M	Sajan Singh
17					
18					
19					
20					
21					



## Village - Sitwarpur

Bihar State Highway Project-3 (Phase-2)

## 4. List of Participants


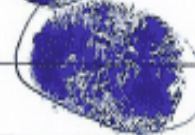
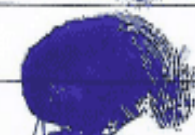


S.L.	Name	Profession	Age	Sex	Signature
1	Shanay khatun	House wife	50	F	
2	Manjari khatun	House wife	26	F	
3	Hliban khatun	House wife	43	F	
4	Rahlela khatun	House wife	50	F	
5	Somriya khatun	House wife	42	F	
6	Munsera khatun	House wife	37	F	
7	Noor Jhona	House wife	40	F	
8	Samiya Nisha	House wife	36	F	
9	Turmani khatun	House wife	36	F	
10	Kaishori khatun	House wife	36	F	
11	Tefli khatun	House wife	32	F	
12	Momuna khatun	House wife	32	F	
13	Nurhat Parveen	House wife	30	F	
14	Jahanaara	House wife	28	F	
15	Jabeen khatun	House wife	20	F	
16	Jabeen khatun	House wife	32	F	
17	MahaJabi khatun	House wife	28	F	
18					
19	Khushbu Kumari	House wife	20	F	
20	Sangeda khatun	House wife	25	F	
21	Smriti Arq	House wife	46	F	

khatoon	House wife	30
devi	Labour	30
devi	House wife	4
devi	Labour	40
devi	labours	4
devi	labours	
devi	labours	42
devi	labours	35
devi	labours	3
khatoon	House wife	30
khatoon	House wife	60
devi	House wife	50
Rishi	labours	60
Rishi	labours	62



village - Jitwarpur

Bihar State Highway Project-3 (Phase-2)

S.L.	Name	Profession	Age	Sex	Signature
22	Ni Pani	House wife	56	F	
23					
24	Essa	Labour	62	M	
25	Aub	Labour	42	M	
26					
27	Ansar	Job	32	M	
28	Md Yusuf	Labour	65	M	
29	Md Ali	Labour	32	M	Md Ali
30	Md Hussain	Labour	26	M	Md Hussain
31	Md Mangla	Labour	29	M	
32	Kalimuddin	Labour	25	M	Kalimuddin
33	Sat Shernoo Khatun	House wife	26	F	शिवकुमार खतून
34	Rifat Khatun	House wife	33	F	रिफात खतून
35					

Not to be used as a Bid Document, Only for Reference

Village - Daula

Bihar State Highway Project-3 (Phase-2)

## 4. List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	Rajib Ray	Labour	30	M	राजिव
2	Surrendra Ray	Labour	35	M	SUREN RAY
3	Sabot Ray	Labour	48	M	SABUL RAY
4	Phool Kumari Ray	Labour	26	M	फूल कुमारी
5	Prem Lal Ray	Labour	65	M	
6	Shafi Ahmed	Driver	32	M	Shafi Ahmed
7	Kidhan Ray	Labour	45	M	
8					
9	Narech Ray	Labour	60	M	नरेच (राय)
10	Ganesh Ray	Labour	50	M	गणेश (राय)
11	Boalan Devi	Labour	35	F	
12	Sukladeb Nath	Labour	75	M	
13	Nisimahan Ray	Labour	48	M	Nisimahan
14	Domani Devi	Labour	30	F	
15	Biren Rai	Labour	32	M	बिरन राय
16	Kani Devi	Labour	20	F	
17					
18	Sudha Devi	Housewife	25	F	
19	Kambla Devi	Labour	50	F	
20					
21	Kanchan Devi	Labour	42	F	

Not to be used as a Bid Document. Only for Reference





village - Bormi Gorgawan

Bihar State Highway Project-3 (Phase-2)

## List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	Kalawati Devi	Labour	42	F	कलवती देवी
2	Sulechana Devi	Labour	43	F	सुलोचना देवी
3	Mayawati devi	labour	52	F	
4	Ramanti devi	labour	58	F	
5	Sita devi	labour	55	F	सीता देवी
6	Usha devi	Labour	26	F	उषा देवी
7	Munni devi	Labour	28	F	मुन्नी कुमारी
8	bicho devi	labour	32	F	बिछो देवी
9	Bina kumari	labour	26	F	बीना कुमारी
10	Mina devi	labour	25	F	मीना देवी
11	Santi devi	labour	60	F	
12					
13	Uma devi	labour	60	F	
14	Huniya devi	labour	35		
15					मुन्निचा देवी
16	Mangali devi	Labour		F	मंगली देवी
17	Raj kumari devi	labour	45	F	राजकुमारी देवी
18	Manta devi	labour	30	F	ममता देवी
19	Pinky devi	labour	29	F	पिकी देवी
20	Masomat Khatun devi	Housewife	66	F	

Not to be used as a Reference



village - Kaldahi

Bihar State Highway Project-3 (Phase-2)

## 4. List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	Soni khatun	House wife	22	F	सोनी शर्मिष्ठा
2	Nuzeda khatun	House wife	25	F	नुजदा खान
3	Sabena khatun	House wife	45	F	सबैना खान
4	Sae hana khatun	House wife	60	F	
5	Mahmudi khatun	House wife	45	F	
6	Nadri Jhana	House wife	40	F	
7					
8	Najim khatun	House wife	30	F	नाजिम खान
9	Aesha khatun	House wife	22	F	आशा खान
10	Parbin khatun	House wife	21	F	परबिन खान
11	Naihed khatun	House wife	45	F	
12	Masroule Jhana	House wife	48	F	
13					
14					
15	Lusi khatun	House wife	28	F	
16	Parvina khatun	House wife	25	F	
17	Najmera khatun	House wife	38	F	
18					
19	Samin khatun	House wife	45	F	
20	Najera khatun	House wife	35	F	
21	Hudeba khatun	House wife	40	F	



village-Kaldehi

Bihar State Highway Project-3 (Phase-2)

S.L.	Name	Profession	Age	Sex	Signature
22	Muehara khatun	House wife	32	F	
23	Safina khatun	House wife	50	F	
24	Tetli khatun	House wife	48	F	
25	Sabeda khatun	House wife	30	F	
26					
27	Aklima khatun	Housewife	35	F	
28	Rabena khatun	House wife	28	F	रबना खतून
29	Nurej khatun	House wife	40	F	
30	Simra khatun	House wife	22	F	सीमरा खतून
31	Rifat khatun	House wife	45	F	
32	Alekha khatun	House wife	60	F	
33	Jitan khatun	House wife	45	F	जितन खतून
34	Alsana khatun	House wife	30	F	
35	Khatun khatun	labours	23	F	खतून खतून

Not to be used as a Bid Document, Only for Reference

village-kaldehi

Bihar State Highway Project-3 (Phase-2)

## 4. List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	Asrafa khatun	House wife	35	F	
2	Arbul Fahima	House wife	40	F	अरबुल फाहिमा
3	Asmati khatun	Labourer House wife	38	F	
4	Sanjada khatun	House wife	34	F	संजदा
5	Musrat khatun	House wife	32	F	मुसरात खानम
6	Sankoshila devi	House wife	30	F	
7	Khilafan khatun	House wife	62	F	
8					
9	Maehara khatun	House wife	65	F	
10					
11	Sabral khatun	House wife	26	F	
12	Sahin khatun	House wife	32	F	
13					
14	dilbara khatun	House wife	30	F	
15					
16	Armina khatun	House wife	22	F	
17	Noor Jhana khatun	House wife	50	F	
18					
19	Chobi khatun	House wife	20	F	छोबी खानम
20	Miehara khatun	House wife	30	F	
21	Ladhi khatun	House wife	23	F	लाडली खानम

Not to be used as a Reference Document.



village - Kaldehi

Bihar State Highway Project-3 (Phase-2)

S.L.	Name	Profession	Age	Sex	Signature
22	Fulsari Khatun	House wife	40	F	
23	Mini Khatun	House wife	20	F	मीनी साहू
24	Husani Khatun	House wife	44	F	
25	Jhanhera Khatun	House wife	40	F	
26					
27	Sifat Khatun	Housewife	35	F	मीना
28	Suhagi Khatun	Housewife	30	F	
29	Habela Khatun	Housewife	60	F	
30	Khatun Nisha	Housewife	60	F	
31					
32					
33					
34					
35					

Not to be used as a Bid Document, Only for Reference

Village - Parwa

Bihar State Highway Project-3 (Phase-2)

## List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	Sumati devi	House wife	30	F	
2	Jano devi	labour	40	F	
3					
4					
5	Rambha devi	labour	45	F	
6	Kanchan devi	labour	43	F	
7					
8	baby devi	labour	32	F	
9	Sudha devi	labour	30	F	
10					
11	Anjali devi	labour	45	F	
12	domani devi	labour	35	F	
13					
14	Sushila devi	labour	25	F	
15					
16	Sarita devi	labour	22	F	सरिता देवी
17	Payal devi	labour	22	F	
18	Jalisa khatun	labour	24	F	जलिशा खतून
19	Nila devi	labour	21	F	निला देवी
20	bhulan devi	labour	35	F	



village - Pindhal

Bihar State Highway Project-3 (Phase-2)

## List of Participants





S.L.	Name	Profession	Age	Sex	Signature
1	Fulwa devi	House wife	40	F	
2	Kiran devi	House wife	40	F	किरण देवी
3	Sandan devi	House wife	60	F	
4	Ragni devi	House wife	30	F	रजनी देवी
5	Sumitra devi	House wife	65	F	सुमित्रा देवी
6	Chandeshiya masamat	House wife	65	F	
7	Lakhi devi	House wife	19	F	
8					
9	Khusboo devi	House wife	30	F	
10					
11	Nimola devi	House wife	58	F	
12	Manju devi	House wife	28	F	मंजू देवी
13	Pinky devi	House wife	25	F	पिंकु देवी
14	Aabha devi	House wife	45	F	
15	Rashmi devi	House wife	40	F	रश्मी देवी
16	Parwati devi	House wife	50	F	पार्वती देवी
17	Sargita devi	House wife	45	F	
18	Savitri devi	House wife	45	F	
19					
20	Sanju devi	Housewife	42	F	

Not to be used as a Bid Document. Only for Reference

village-Pindhal

Bihar State Highway Project-3 (Phase-2)

List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	Rani devi	Housewife	35	F	
2	Jhosiya devi	House wife	50	F	
3	Rina deri	House wife	37	F	रीना देवी
4	Malhi devi	House wife	60	F	
5	Ming devi	House wife	36	F	
6	Nitv devi	House wife	25	F	नीतु देवी
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Not to be used as a Bid Document, Only for Reference



village - Daula

Bihar State Highway Project-3 (Phase-2)

List of Participants

S.L.	Name	Profession	Age	Sex	Signature
1	Mangali devi	Labour	55	F	
2					
3	Kisan devi	Labour	22	F	
4	Mainuka devi	House wife	38	F	
5					
6	Sumati devi	Labour	35	F	
7	Rabati devi	House wife	40	F	
8	Pomi devi	House wife	60	F	
9					
10	Labita devi	House wife	40	F	
11	Rita devi	House wife	40	F	
12	Anita devi	House wife	25	F	
13	Anita devi	House wife	25	F	
14	binoti devi	House wife	26	F	
15	Punam devi	House wife	22	F	
16	Rambha den	House wife	30	F	
17	Duspati den	House wife	38	F	
18					
19	Singh devi	House wife	30	F	
20					

Not to be used as a Bid Document. Only for Reference

## APPENDIX 6: TERMS OF REFERENCE (TOR) FOR THE RP IMPLEMENTING AGENCY TO IMPLEMENT THE RESETTLEMENT PLAN (RP) FOR TWO-LANE SH-98

### A. Project Background

1. The Bihar State Road Development Corporation Limited (BSRDCL), Government of Bihar is presently implementing Bihar State Highways (BSHP) Project under Asian Development Bank (ADB) assistance to strengthen and rehabilitate the deteriorated state roads and upgrade some newly declared state roads to provide reliable road transport services in the state. BSRDCL is planning for Upgradation of SH-98 (62.890 km) into 2-lane road in Katihar District and requested ADB for financing under project loan modality.

2. This RP for two-lane SH-98 project is prepared based on the detailed design report prepared by BSRDC. As per the RP total land to be acquired is 141.32 acre and total number of structures affected is about 1904, number of households affected is about 2527 and number of CPRs is about 30. The RP complies with the applicable State Government, Government of India and ADB policy and legal framework. This project is considered as Category-A<sup>26</sup> as per as Involuntary Resettlement (IR) is concerned. BSRDC is implementing the project and an RP implementing agency is required to implement the Resettlement Plan prepared for the project.

3. The RP implementing agency shall be responsible for assisting BSRDCL in implementing resettlement activities for the two-lane SH-98 project. The proposed road traverses through 57 villages of Katihar district.

4. The project construction would necessitate clearance of road and displacement and loss of assets, livelihood and community property resources. The displaced households include titleholders losing land and structures and non-titleholders losing assets.

5. The overall implementation period for this assignment is 36 months from the commencement of contract.

### B. Objectives of the Assignment

6. The RP implementing agency shall be responsible for assisting BSRDC in facilitating and Resettlement Plan (RP) implementation and assistance in getting the Government land transferred in name of BSRDC in an efficient and transparent manner for the project road. The implementation shall follow The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 and the ADB's Safeguard Policy Statement 2009.

7. The overall tasks of the RP implementing agency are to:

- (i) Coordinate the entire process from start to finish for disseminating assistance to relevant DPs;
- (ii) Coordinate with, and provide support where needed, to Revenue officials and other relevant line agencies in expediting the land acquisition and resettlement process;
- (iii) Implement livelihood and income restoration program;
- (iv) Disseminate project information to DPs in an ongoing manner;
- (v) Assist the DPs in redressing their grievances (through the grievance redress committee set up for the project);
- (vi) Conduct awareness program for HIV/AIDs, health and hygiene, and human trafficking in affected villages;
- (vii) Conduct awareness on Road Safety aspect and train the stakeholders with regard to road safety as required/directed by the Project Management and Authority Engineer of the Project.
- (viii) Collect data and submit progress reports on a monthly and quarterly basis for BSRDC to monitor the progress of RP implementation; and
- (ix) Any other tasks as assigned by BSRDC.

<sup>26</sup> According to ADB Safeguard Policy Statement (SPS-2009), Involuntary Resettlement Category A: Significant means 200 or more affected people will experience major impacts, which are defined as (i) being physically displaced from housing, or (ii) losing 10% or more of their productive assets (income generating). Involuntary Resettlement Category B: Not Significant include involuntary resettlement impacts that are not deemed significant as per the ADB Operational manual. Involuntary Resettlement Category C: No involuntary resettlement impacts. A resettlement plan is required in case of both category A and B project.



### C. Scope of Work

8. The principal responsibilities of the RP implementing agency will include, but not limited to the following:

#### 1. Administrative Responsibilities of the RP implementing agency

9. The RP implementing agency will work under the direction of the Deputy General Manager (Tech.)/ Project Resettlement Officer or any person authorized by the him. RP implementing agency shall assist BSRDC in carrying out the implementation of the RP for the project road.

10. The RP implementing agency shall assist BSRDC in conducting all public meetings, information campaigns at the commencement and during implementation the road safety information as per the direction of Road safety Expert of Project Management and Authority Engineer of the project and give full information to the affected villages. This includes translating the summarized RP into local language in a form of a Project Information Brochure for disclosure and dissemination to DPs.

11. The RP implementing agency shall submit monthly and quarterly progress report to BSRDC. The report should cover implementation issues, grievances and summary of consultations

12. The RP implementing agency shall assist BSRDC in convening the GRC and keep the records of GRC at PIU and State level.

13. Assist BSRDC in the management of the database of the DPs, and at the end of the assignment, ensure proper handover of all data and information to BSRDC.

#### 2. Responsibilities for Implementation of the RP

26. The agency shall verify the information already contained in the RP and the individual losses of the relevant DPs. They should validate the data provided in the RP and make suitable changes if required and wherever changes are made it should be supported by documentary evidence. The RP implementing agency shall establish rapport with all DPs, consult and provide information to them about the respective entitlements as proposed under the RP, and distribute entitlement cum Identity Cards to the eligible DPs. The identity card should include a photograph of the DP, the extent of loss suffered due to the project, and the choice of the DP with regard to the mode of compensation and assistance.

27. The RP implementing agency shall develop rapport between the DPs and the Project Authority. This will be achieved through regular meetings with both the PIU and the DPs. Meetings with the PIU will be held at least fortnightly, and meetings with the DPs will be held monthly, during the entire duration of the assignment. All meetings and decisions taken shall be documented by the RP implementing agency.

28. The RP implementing agency shall display the list of eligible DPs in prominent public places like villages, Panchayat Offices, Block/Tehsil headquarters and the District Headquarters.

29. During the verification of the eligible DPs, the RP implementing agency shall ensure that each of the DPs are contacted and consulted either in groups or individually. The agency shall specially ensure consultation with women from the DP families especially women headed households.

30. Participatory methods should be adopted in assessing the needs of the DPs, especially with regard to the vulnerable groups of DPs. The methods of contact may include village level meetings, gender participation through group's interactions, and Individual meetings and interactions.

31. The RP implementing agency shall explain to the DPs the provisions of the policy and the entitlements under the RP. This shall include communication to the roadside squatters and encroachers about the need for their eviction, the timeframe for their removal and their entitlements.

32. The RP implementing agency shall disseminate information to the DPs on the possible consequences of the project on the communities' livelihood systems and the options available, so that they do not remain ignorant.

33. In all of these, the RP implementing agency shall consider women as a special focus group, and deal with them with care and sympathy.

34. The RP implementing agency shall assist the project authorities in ensuring a smooth transition (during the part or full relocation of the DPs), helping the DPs to take salvaged materials and shift. In close consultation with the DPs, the RP implementing agency shall inform PIU about the shifting dates agreed with the DPs in writing and the arrangements desired by the DPs with respect to their entitlements.

35. The RP implementing agency shall assist the DPs in opening bank accounts explaining the implications, the rules and the obligations of a bank account and how s/he can access the resources s/he is entitled to. The RP implementing agency shall recommend methods of disbursement for assistance to BSRDC for approval. The disbursement method should be transparent, efficient and meets government audit requirements.

36. The RP implementing agency shall prepare a micro plan based on its verification and socio-economic survey and implement the livelihood restoration program for those DPs who qualify for the same. The RP implementing agency shall coordinate with relevant organization or mobilize its own short-term experts in carrying out the training activities.

37. The RP implementing agency shall ensure proper utilization of the R&R budget available for the subproject. The RP implementing agency shall counsel the DPs in finding suitable economic investment options and help them in regaining the losses of land and other productive assets.

38. Accompanying and representing the DPs at the Grievance Committee Meetings

39. The RP implementing agency shall nominate a suitable person (from the staff of the RP implementing agency) to be a member of the GRCs. The RP implementing agency shall make the DPs aware of the existence of grievance redressal committees (GRCs).

40. The RP implementing agency shall help the DPs in filling the grievance application and also in clearing their doubts about the procedure as well as the context of the GRC award.

41. RP implementing agency/It shall submit a draft resolution with respect to the particular grievance of the DP, suggesting multiple solutions, if possible, and deliberate on the same in the GRC meeting through the RP implementing agency representative in the GRC.

42. To accompany the DPs to the GRC meeting on the decided date, help the DP to express his/her grievance in a formal manner if requested by the GRC and again inform the DPs of the decisions taken by the GRC within 3 days of receiving a decision from the GRC.

### **3. Carry out Public Consultation**

43. In addition to counseling and providing information to DPs, the RP implementing agency will carry out periodic and ongoing consultation with DPs and other stakeholders.

44. Assisting the PIU with the Project's Social Responsibilities

45. The RP implementing agency shall assist the BSRDC to implement Road safety awareness, HIV/AIDS awareness measures, basic health and hygiene and trafficking. The RP implementing agency shall coordinate with Project Management and Authority Engineer and relevant organization or mobilize its own short-term experts in carrying out the activities.

### **4. Monitoring and Reporting**

46. The RP implementing agency involved in the implementation of the RP will be required to supply all information, documents to the external monitor.

### **D. Documentation and Reporting by RP Implementation Agency**

47. The RP implementing agency shall submit all of the following reports, brochures and outputs in a format approved by BSRDC.

- (i) **Inception Report.** To be submitted within two weeks of mobilization which includes work plan for the whole contract period, staffing and personnel deployment plan, and a withdrawal plan at the end of the period of contract.

- (ii) **Project Information Brochure.** Summarize the RP, translate summary and produce Project Information Brochure in local language within 1 month of mobilization. For distribution to all affected households.
- (iii) **Micro plans for relevant non-titleholders.** Includes issuance of ID cards and other documents. To be completed at an agreed time with BSRDC.
- (iv) **Monthly Progress Reports.** To be submitted to BSRDC at the end of each month. Shall include weekly progress and work charts as against the scheduled timeframe of RP implementation.
- (v) **Quarterly Progress Reports.** To be submitted to BSRDC at the end of each quarter. Shall include progress on implementation, livelihood restoration program, GRC, HIV/AIDS awareness program, issues and challenges, and etc.
- (vi) **Completion Report** at the end of the contract period summarizing the actions taken during the project, the methods and personnel used to carry out the assignment, and a summary of support/assistance given to the DPs.
- (vii) All other reports/documentation as described in these terms of reference.
- (viii) Record minutes of all meetings.

E. Staffing Schedule

48. The table below details the required staffing structure for the assignment. Key personnel will be evaluated during the proposal evaluation stage. The RP implementing agency is required to submit CVs for the key personnel positions. Non-key personnel will not be evaluated during proposal stage. At least one woman should be included as Field Support Staff.

1. Required Experts

No.	Particulars	No. Positions	Estimated Person-months
Key Personnel			
1.	Team Leader	1	18 (intermittent over 36 months)
2.	Key Professional (A) R&R Expert	2 (one for each revenue district)	24 (intermittent over 36 months)
3.	Key Professional (B) Civil Engineer	2 (one for each revenue district)	6 (intermittent over 36 months)
4.	Key Professional (C) Social Development Expert	2 (one for each revenue district)	24 (intermittent over 36 months)
5.	Key Professional (D) Land Acquisition Expert	2 (one for each revenue district)	18 (intermittent over 36 months)
Non-key Personnel			
6.	Field Support Staff	4 (two for each revenue district)	24 (intermittent over 36 months)
7.	MIS Expert	1	24 (intermittent over 36 months)
8.	Support Staff Amin, Chain-man and field staff	6 (one each for each revenue district)	12 (intermittent over 36 months)
Total		20	354

49. All staff should be mobilized within 3 days of notice from the project resettlement officer.

2. Key Indicative Tasks per Position

50. The position-based tasks specified for each of the positions is mentioned below. The tasks are indicative and the RP implementing agency needs to propose its own working arrangement as a team based on the overall requirements in the TOR.

No.	Particulars	
1	Team Leader	Provide overall technical and operational management of RP implementing agency team. Act as main counterpart when communicating with BSRDC and relevant government agencies. Draft work plan and ensure work plan is followed. Ensure deliverables and activities are completed in a timely and transparent fashion. Review documentation and reports to verify accuracy.
2	Key Professional (A)  R&R Expert	Responsible for assigned section of alignment Provide guidance to Field Staff and verify information collected. Ensure deliverables and activities are completed in a timely and transparent fashion. Provide support to Grievance Redressal Mechanism
3	Key Professional (B)  Civil Engineer	Responsible for assigned section of alignment. Valuation of assets of DPs. Responsible collecting field level information. Undertake continued information disclosure and consultation.
4.	Key Professional (C)  Social Development Expert	Responsible for community development and community awareness related assignment. Road Safety and Highway users’ psychology understanding. Responsible collecting field level information. Undertake continued information disclosure and consultation.
5.	Key Professional (D) Land Acquisition Expert	Responsible for land acquisition related matter and co-ordination with revenue department of the district. Preparation of compensation with LA office and facilitating distribution of compensation. Preparation/distribution of assistance amount.
6.	Field Support Staff	Responsible for working on field with DPs.
6.	MIS Officer	Perform all computer/database related needs for the assignment.

### 3. Qualification & Experience

51. Qualification and experience requirements for experts are listed below.

Staff	Qualification & Experience
Team Leader	<ul style="list-style-type: none"> <li>Minimum: Post graduate degree in social science or Sociology/ Economics/ Master in Social Work/ Masters in Rural Development, Bachelors of law shall be added qualification</li> <li>10 years of minimum professional experience in R&amp;R implementation.</li> <li>5 years of minimum relevant experience with 3 (three) linear project experience in implementing land acquisition and resettlement and rehabilitation activities. Previous experience in project funded by external donors. Good understanding of land acquisition process and The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013</li> </ul>
Key Professional (A) R&R Expert	<ul style="list-style-type: none"> <li>Minimum: Bachelor's degree in Social Science (Sociology/Social work/Anthropology/Geography/Economics). Post graduate degree in social science is preferred</li> <li>10 years of minimum professional experience</li> <li>5 years of minimum relevant experience in at least 3 linear project implementing land acquisition and resettlement and rehabilitation activities. Previous experience in project funded by external donors strongly preferred. Good understanding of land acquisition process and The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013. Proficient in local language preferred.</li> </ul>
Key Professional (B) Civil Engineer	<ul style="list-style-type: none"> <li>Minimum: Bachelor's degree in Civil Engineering. 3 years of minimum professional experience with experience in valuation of land asset/building, preparation of estimate. Knowledge of LA act is essential particularly the estimate preparation.</li> <li>Previous experience in working rural communities required. Proficiency in local language is required.</li> </ul>
Key Professional (C) Social Development Expert	<ul style="list-style-type: none"> <li>Minimum: Bachelor's degree in Social Science (Sociology/Social work/Anthropology/Geography/Economics). Post graduate degree in social science is preferred</li> <li>10 years of minimum professional experience. 5 years of minimum relevant experience in at least 3 linear projects in community development and community awareness projects. Previous experience in project funded by external donors strongly preferred. Good understanding of land acquisition process and The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013. Proficient in local language preferred.</li> </ul>
Key Professional (D) Land Acquisition Expert	<ul style="list-style-type: none"> <li>Land Acquisition Expert Should be at least a graduate. S/he should have about 15 years of working experience in the field of land measurement, land records, and, acquisition of land. Should have worked for about 5 years in R&amp;R or rural development projects. S/he should have experience of participatory management. Knowledge of local language is a necessary qualification.</li> </ul>
Field Support Staff	<ul style="list-style-type: none"> <li>The field support professionals should be graduate or equivalent in social sciences. Knowledge of local language and experience of working in the region is essential.</li> </ul>
MIS Officer	<ul style="list-style-type: none"> <li>Minimum: Bachelor's degree in computer application or related fields.</li> <li>3 years of minimum professional experience</li> <li>Proficient in operating computer and Microsoft Word, and Excel. Ability to design and manage database. Proficient in English and local language.</li> </ul>

### 4. Condition of Services

52. The RP implementing agency shall ensure that the RP is implemented in an effective and proper manner. The prime responsibility of the RP implementing agency shall be to ensure that each and every eligible DP receives appropriate and due entitlement (within the Entitlement Framework) and that, at the end of the project R&R services, the eligible DPs have improved (or at least restored) their previous standard of living. Additionally, the RP implementing agency shall help the BSRDC in all other matters deemed to be required to implement the RP in its spirit and entirely including activities involving some financial implications.

53. All documents created, generated or collected during the period of contract, in carrying out the services under this assignment will be the property of the BSRDC. No information gathered or generated during and in carrying out this assignment shall be disclosed by the RP implementing agency without explicit permission of the BSRDC.

5. Data, Services and Facilities to be provided by BSRDC

54. The BSRDC will provide to the RP implementing agency the copies of all relevant documents required for the agency to undertake its work. Documents will include the DPs' Census, the RP, and technical drawings. The BSRDC will assist the RP implementing agency in collaborating with the Supervision Consultants. All facilities required in the performance of the assignment, including office space, office stationery, transportation and accommodation for staff of the RP implementing agency, etc., shall be arranged by the RP implementing agency.

6. Payment Schedule:

55. The following payment milestone is proposed for making the payment to the RP implementing agency. The payment will be made subject to the submission of a certificate from the BSRDC that the targets have been achieved in a satisfactory manner.

Sl. No.	Indicative Payment Milestone	Payment (% of contract Value)
1	On submission and approval of the inception Report complete in all respects	10%
2	On completion of the identification, verification of DPs and initial consultation sessions, and submission of updated data on DPs (Identification and Verification report) and review of the same by the BSRDC.	10%
3	Demarcation of ROW,	5%
4.	On submission and approval of first 30% of the Micro Plans of DPs	5%
5.	Publication of Declaration and Summary of R&R up to Section 19 of LA Act,	5%
8.	Preparation of Compensation sheet and Declaration Award up to Section 22 & 23 of LAAct	5%
9.	On submission and approval of second 30% of the Micro Plans of DPs	5%
9.	On submission and approval of final 40% of the Micro Plans of DPs	5%
7	On completion of distribution of compensation amount to DPs.	20%
8	On completion of the rehabilitation process and implementation of Livelihood and Income Restoration Program, Road Safety Awareness and HIV/AIDS, health and hygiene, and human trafficking in affected villages.	10%
9	On submission of the Final Completion Report	10%
10	On approval of the Final Completion Report	10%
	Total	100%

56. For livelihood restoration Road Safety awareness and HIV/AIDS awareness component, BSRDC will provide additional funding specific for those activities. RP implementing agency will submit cost proposal to BSRDC for approval prior to implementation of specific component. RP implementing agency will be reimbursed based on actual costs.

57. The above remuneration includes all costs related to carrying out the services, including overhead. The service tax or any other tax component shall be reimbursed/ paid to agency on production of documents. The insurance cost will be separate of the total project cost; the client shall be billed for this.

## **APPENDIX 7: TERMS OF REFERENCE FOR AN EXTERNAL MONITORING AGENCY/EXPERT FOR 2-LANE SH-98 ROAD PROJECT**

### **A. Introduction**

1. The Bihar State Road Development Corporation Limited (BSRDCL), Government of Bihar is presently implementing Bihar State Highways (BSHP) Project under Asian Development Bank (ADB) assistance to strengthen and rehabilitate the deteriorated state roads and upgrade some newly declared state roads to provide reliable road transport services in the state. BSRDCL is planning for upgradation of SH-98 (62.890 km) into two-lane road and requested ADB for financing under project loan modality.

2. This RP for two-lane road project is prepared based on the detailed design report prepared by BSRDC. The RP complies with the applicable State Government, Government of India and ADB policy and legal framework. This project is considered as Category-A<sup>27</sup> as per as Involuntary Resettlement (IR) is concerned. BSRDC require an independent consultant for external monitoring and reporting of RP implementation for the project.

### **B. Objectives and Requirements of Monitoring and Evaluation**

3. The objectives of monitoring and evaluation are to assess whether the RP is implemented on schedule and within budget and whether the goals and principles of the RP are achieved. Specifically, monitoring and evaluation will focus on the following aspects of the DP's situation and the resettlement process.

- Social and economic situation prior to and after resettlement;
- Timely disbursement of funds;
- Functioning of the grievance redress mechanism
- Environmental conditions;
- Social adaptability after resettlement;
- Rehabilitation of vulnerable groups
- Special items related to the vulnerable groups;
- Condition and quality of land temporarily acquired when it is returned to the original land users;
- Measures taken to restore affected livelihoods; and,
- Living conditions and economic status of DPs following resettlement in comparison to the "without project" scenario.

4. Monitoring and evaluation will include (i) the verification or establishment of a socio-economic baseline of the DPs prior to actual land acquisition, physical displacement/relocation, loss of assets or disruption of businesses (as relevant); (ii) verification of internal monitoring data and reports; (iii) the regular monitoring of their {resettlement or displacement/relocation (as relevant)} and adjustment during Project implementation; and (iv) evaluation of their situation for a period of one year after land acquisition or displacement or relocation (as relevant). In addition, qualitative and quantitative evaluation will be made on the sustainability of living conditions of DPs. Investigation will include consultations and observations with

<sup>27</sup> According to ADB Safeguard Policy Statement (SPS-2009), Involuntary Resettlement Category A: Significant means 200 or more affected people will experience major impacts, which are defined as (i) being physically displaced from housing, or (ii) losing 10% or more of their productive assets (income generating). Involuntary Resettlement Category B: Not Significant include involuntary resettlement impacts that are not deemed significant as per the ADB Operational manual Involuntary Resettlement Category C: No involuntary resettlement impacts. A resettlement plan is required in case of both category A and B project.

DPs, IAs, local officials, village leaders, as well as a quantitative sample survey of displaced households. Focus group discussion will be conducted with male and female DPs, and vulnerable groups.

5. If the findings of the EM indicate significant compliance DPs, the EM will work with the EA and PIU to prepare a separate corrective action plan (CAP) in cooperation with the relevant stakeholders, to address pending or new LAR impacts. The EM will monitor and report on the implementation of the CAP.

### C. Monitoring Indicators

6. Monitoring will include process, output and outcome indicators. The monitoring framework and formats stipulated in the RP will be adopted. The following general indicators will be covered.

- Disbursement of entitlements to DPs and enterprises/businesses: compensation, relocation, housing, cultivated farmland, and employment as specified in the RP.
- Provision of relocation options: the affected persons must move into chosen resettlement/housing option at least one month before physical displacement/relocation; for those opting for self-construction, payment of compensation and provision of housing sites should be completed at least three months before physical displacement/relocation; the compensation for construction of houses should be equivalent to the replacement cost; the DPs must receive their entitlements and allowances on time.
- Development of economic productivity: re-allocation of cultivated land, land restoration, job opportunities available to DPs, number of DPs employed or unemployed.
- Standard of living: Throughout the implementation process, the trends in standards of living will be observed and the potential problems in the way of restoration of standards of living will be identified and reported. The Monitor will carry out a comprehensive socio-economic survey after the completion of resettlement implementation to document the standards of living and the conditions of the DPs after resettlement. The survey will be updated annually.
- Restoration of civic infrastructure: all necessary infrastructure should be restored at the resettlement sites at least up to a standard equal to the standard at the original location; the compensation for all infrastructure should be sufficient to reconstruct it to the same quality
- Effectiveness of resettlement planning. Adequacy of assets measurement, entitlements, sufficiency of budget, and timeliness of mitigation measures.
- Level of satisfaction of DPs: level of satisfaction of DPs with various aspects of the resettlement program; the operation of the mechanisms for grievance redress will be reviewed and the speed and results of grievance redress measures will be monitored.
- Social adaptability and cohesion: impacts on children, indigenous peoples/ethnic minorities and other vulnerable groups, public participation, DPs' attitudes and reaction to post resettlement situation, number of complaints and appeal procedures, implementation of preferential policies, income restoration measures, and improvements in women's status in villages.
- Other Impacts. The monitor will verify if there are unintended environmental impacts and impacts on employment and incomes.

### D. Special Considerations

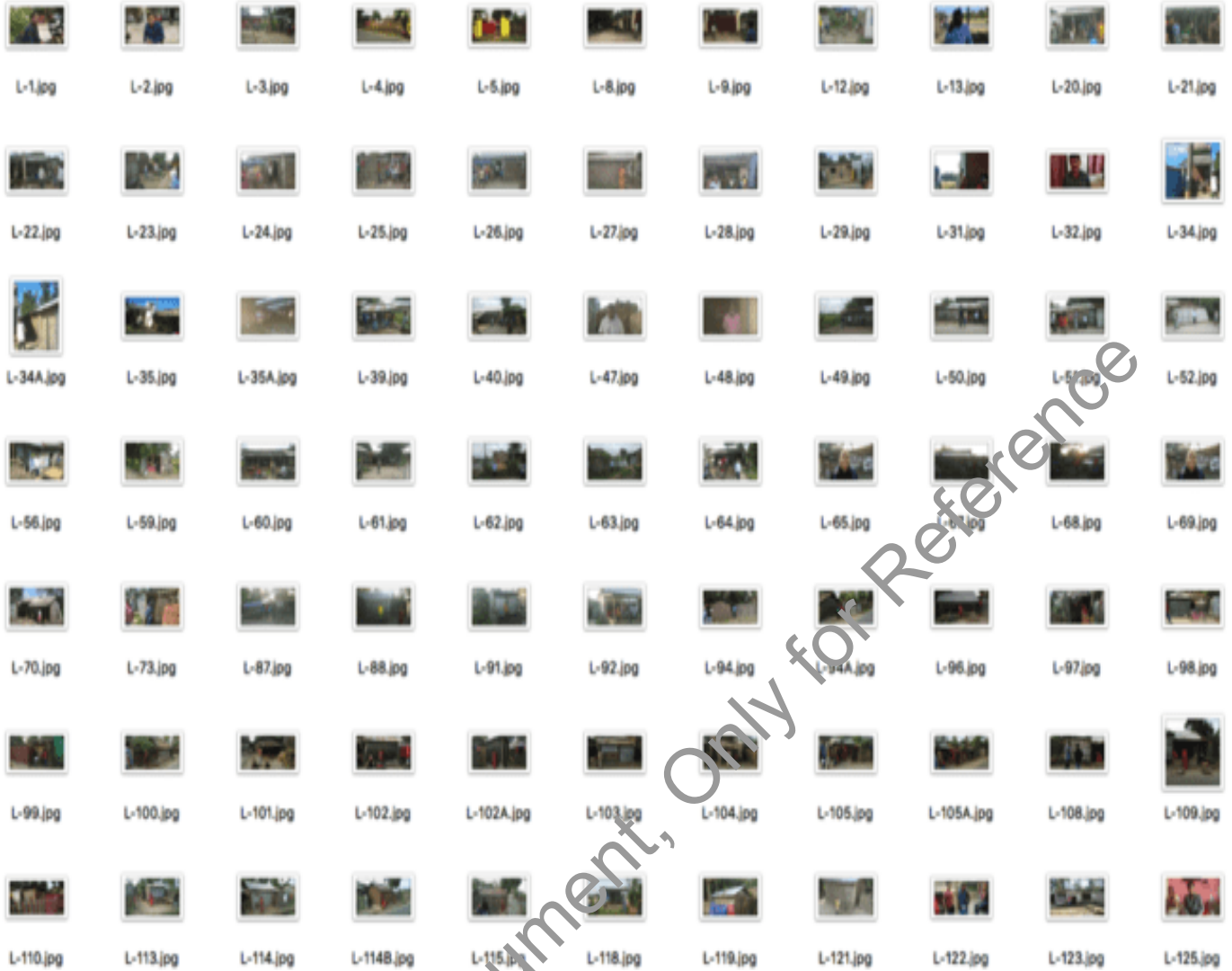


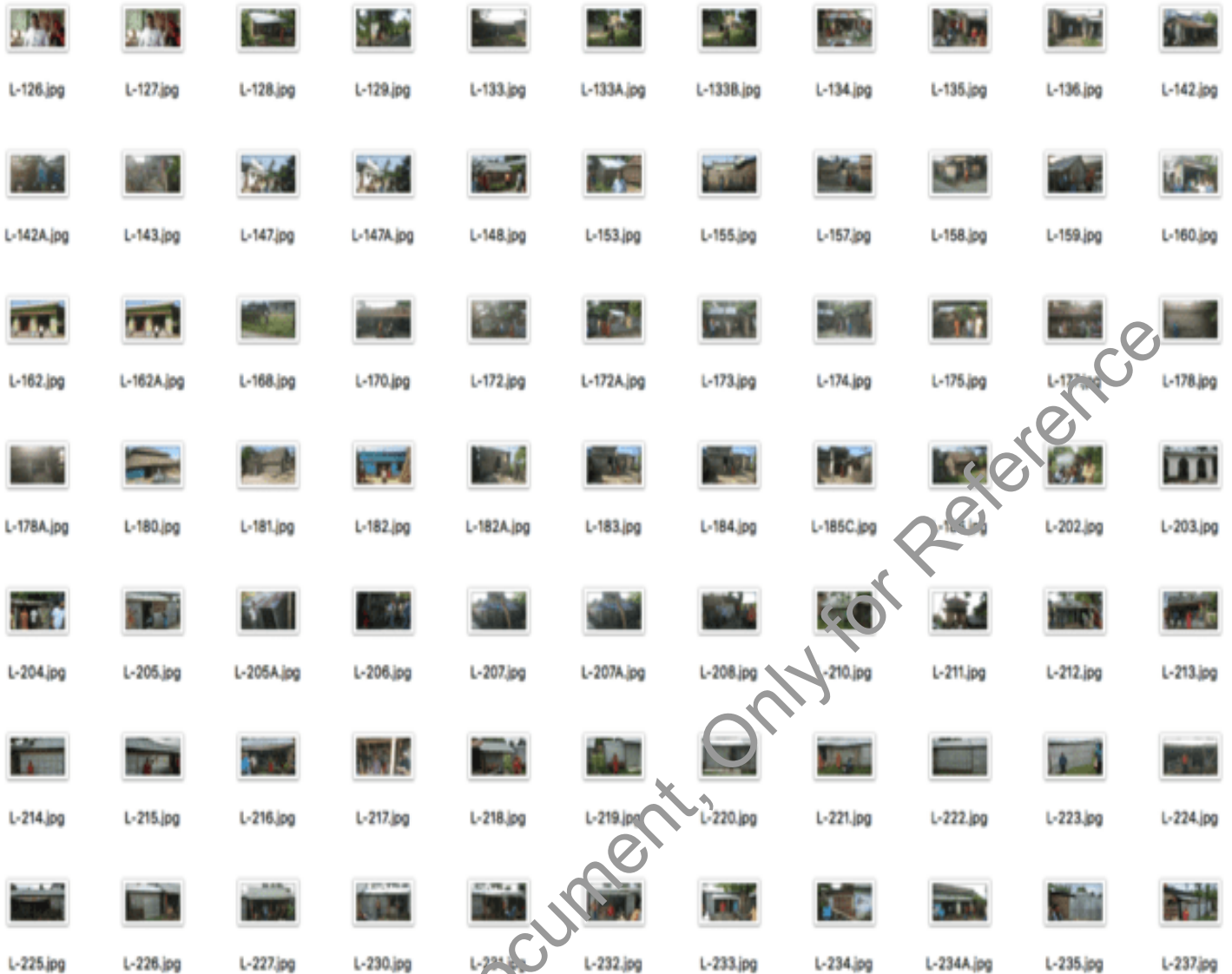
7. Special attention will be paid to women, indigenous peoples/ethnic minorities/groups, as well as the poor and vulnerable groups during monitoring; these include:

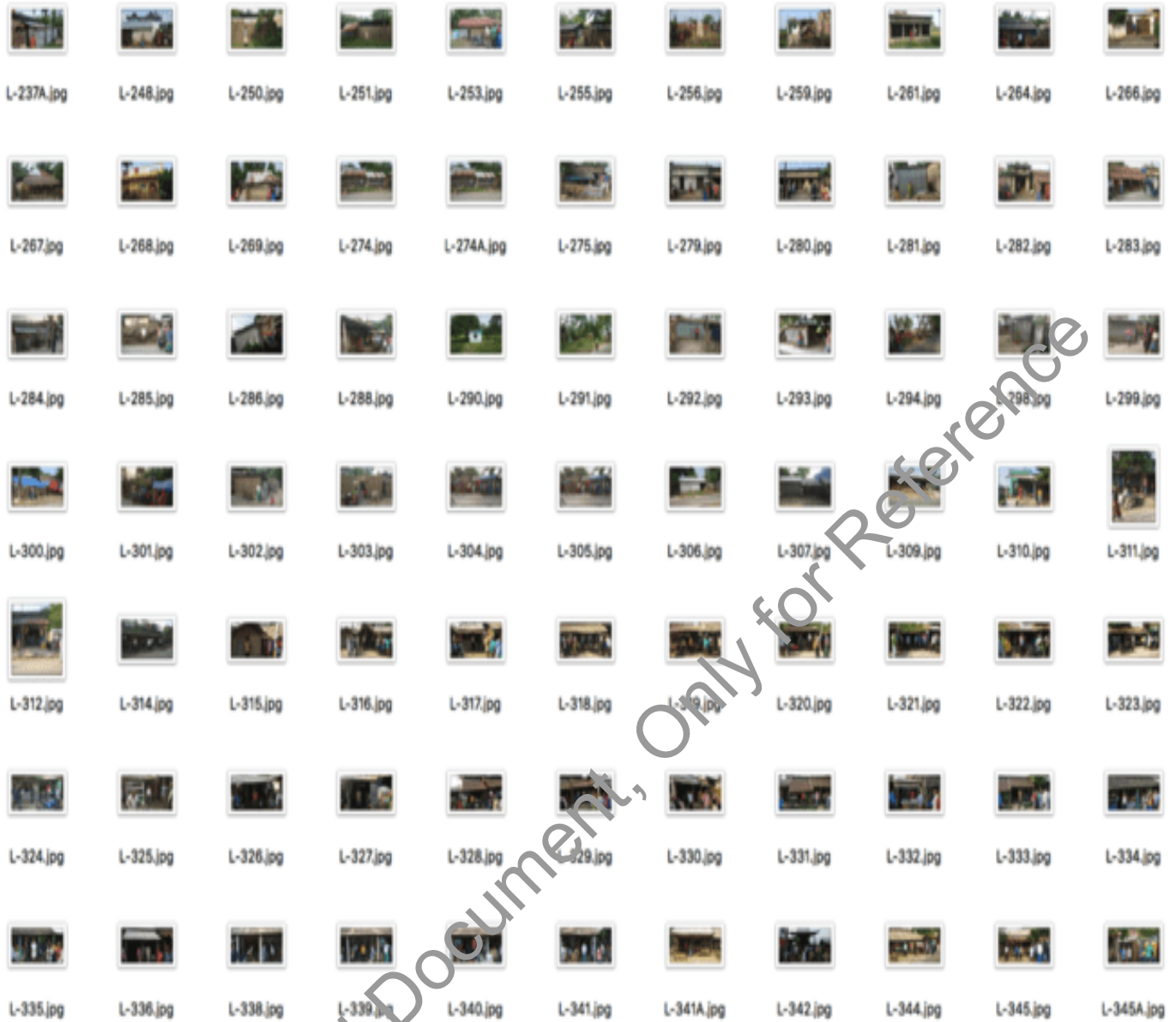
- The status and roles of women: Closely monitor any change in women's status, function and situations.
- Differential impacts on indigenous peoples/ethnic minority groups. Closely monitor the socioeconomic status of indigenous peoples to ensure that they have not been further marginalized. Monitoring indicators should to the extent possible be disaggregated by gender and ethnicity.
- Care and attention to vulnerable groups: Closely monitor living conditions of the poor, the elderly, the handicapped, female headed households and other vulnerable groups after resettlement, to ensure that their livelihood is improved.
- Monitoring and evaluation will provide information on the utilization and adequacy of resettlement funds.

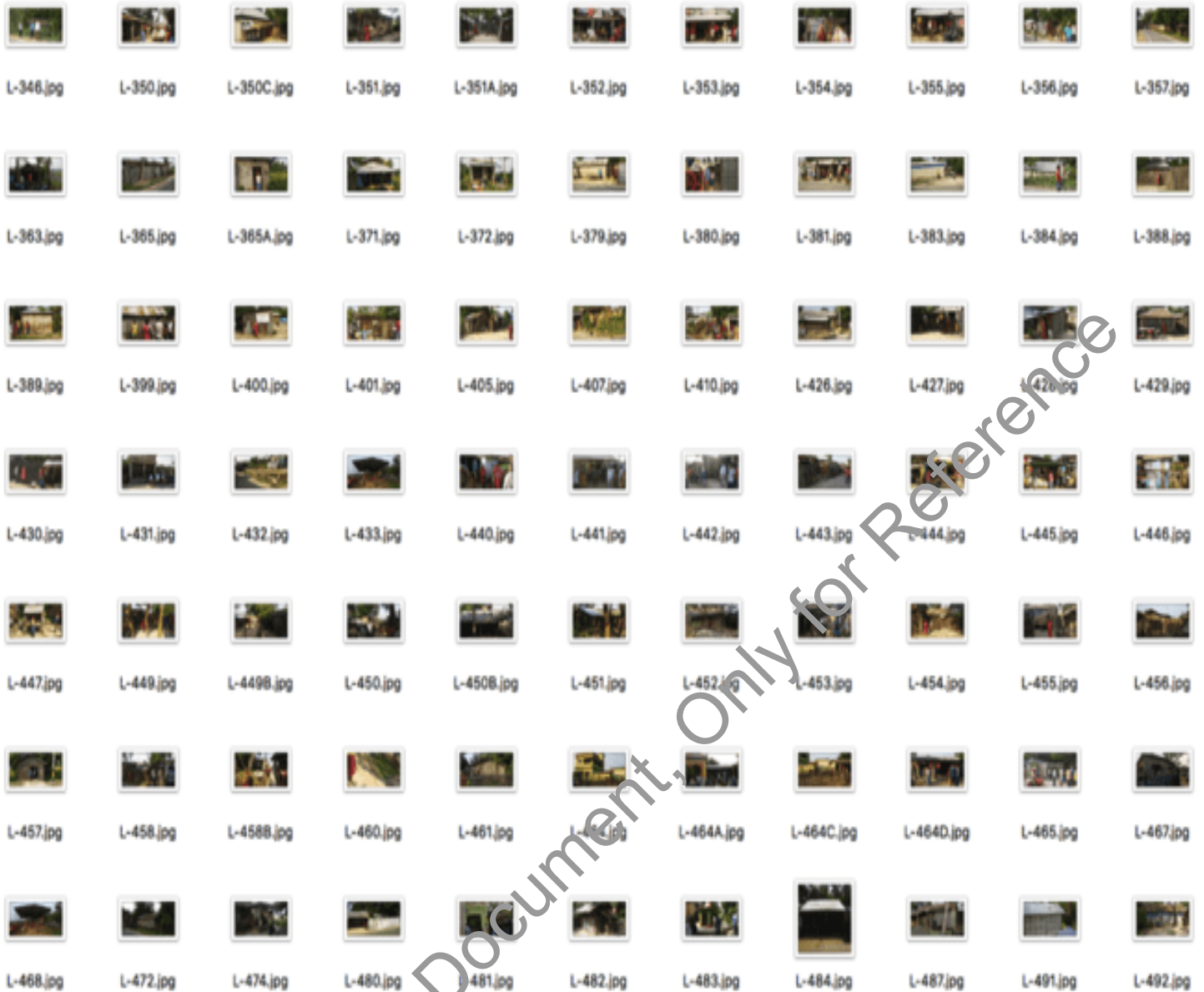
**APPENDIX 8: PHOTO IDENTIFICATION OF DISPLACED PERSON**

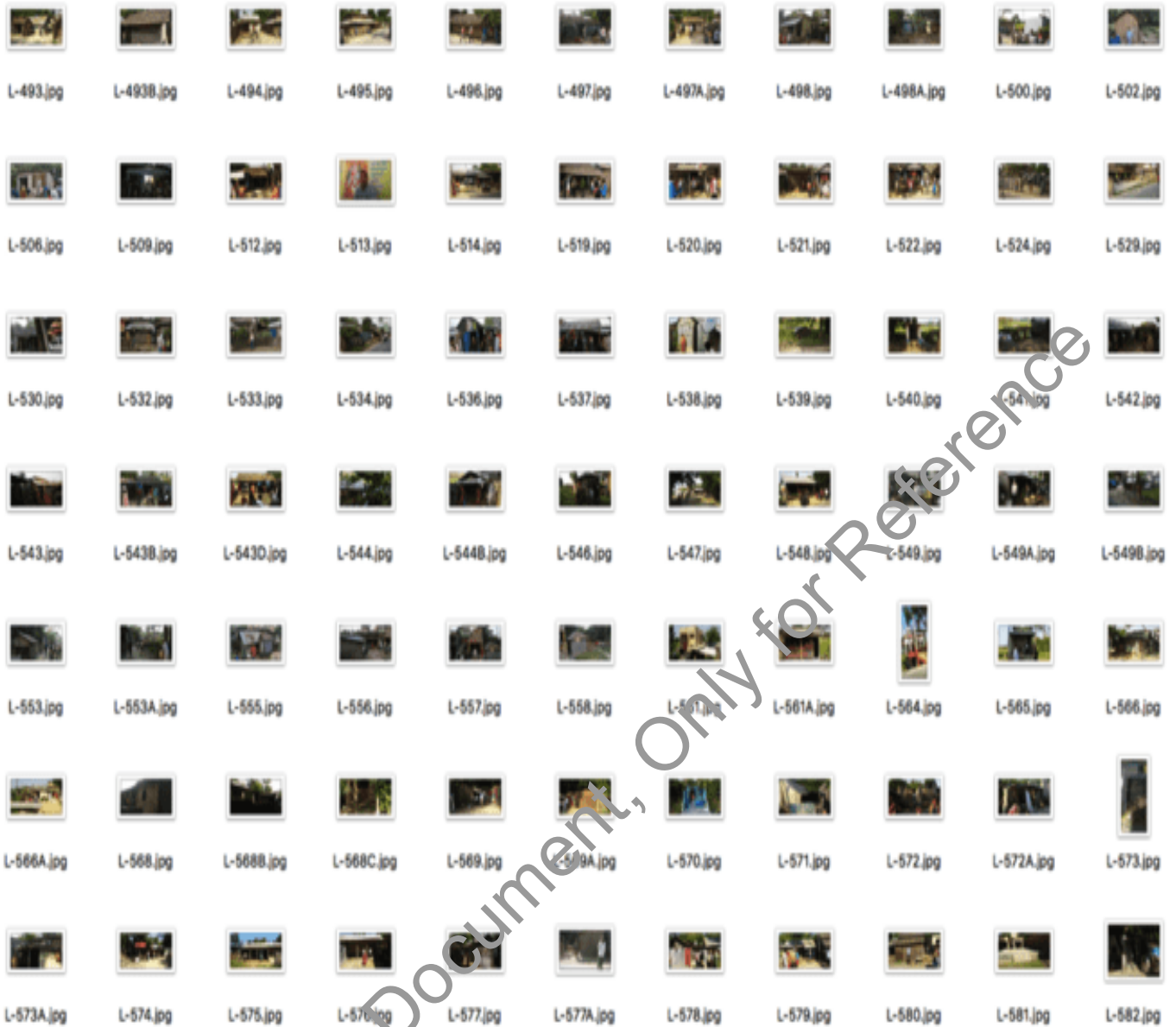
Not to be used as a Bid Document, Only for Reference



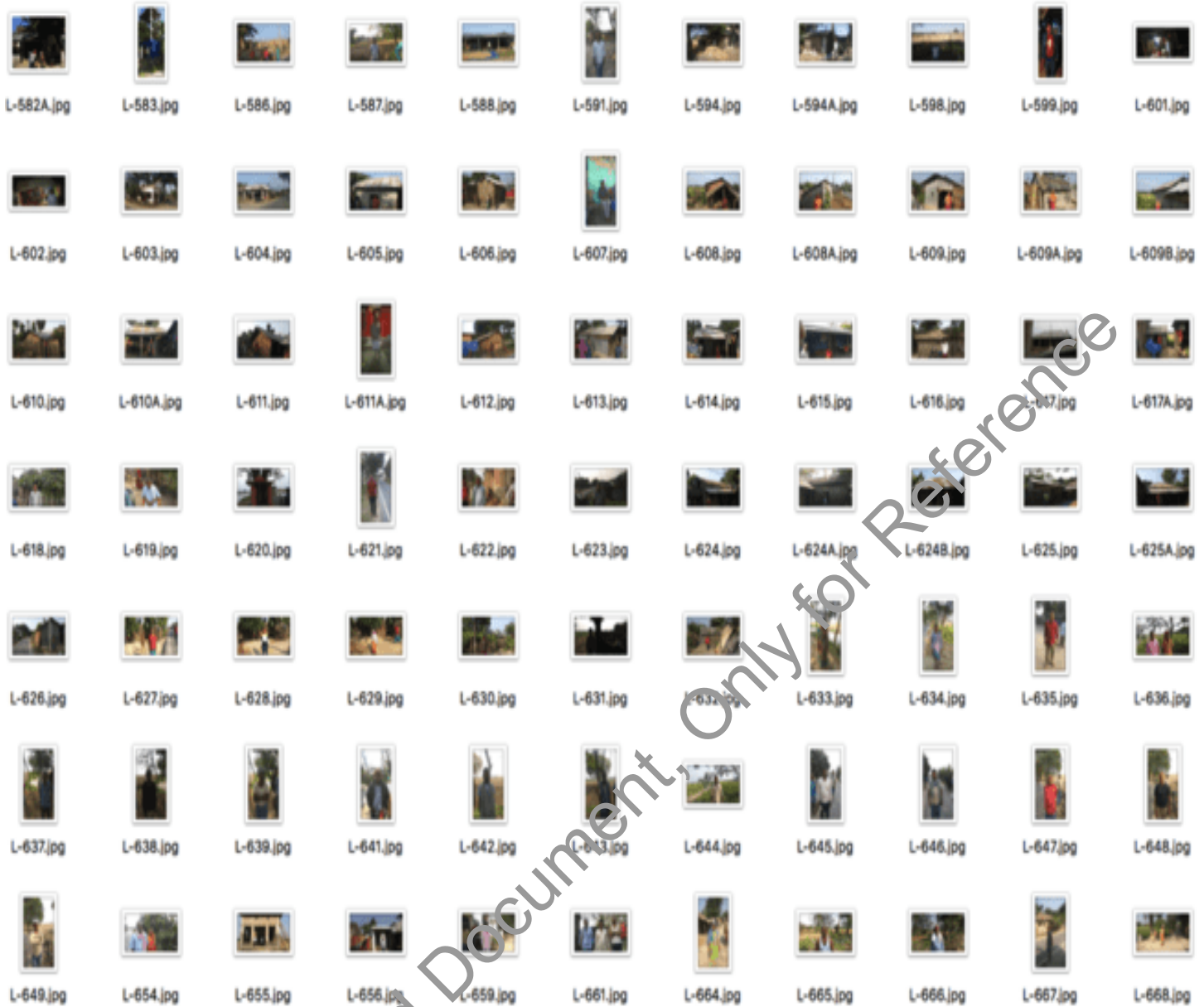




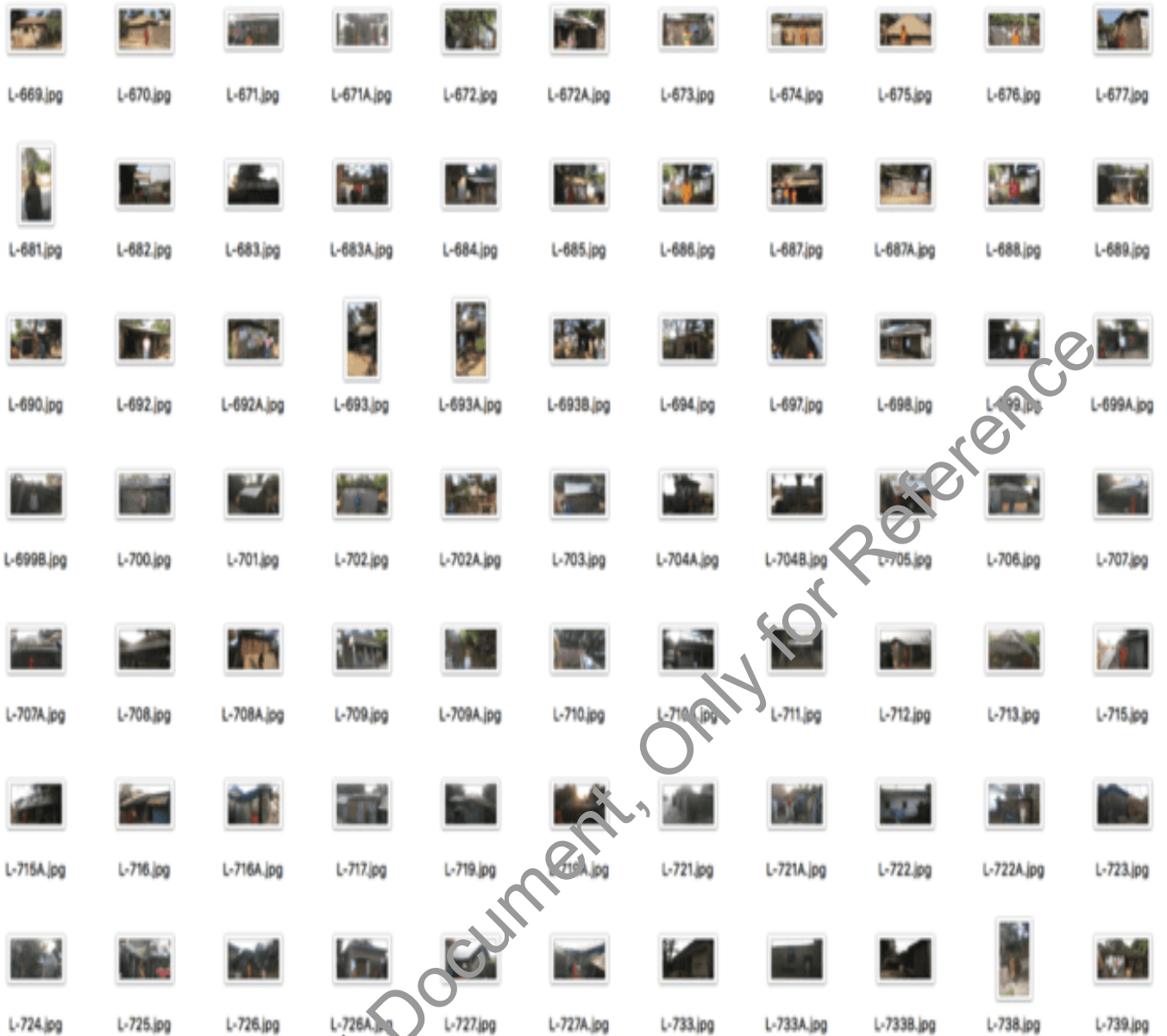














L-739A.jpg



L-740.jpg



L-740A.jpg



L-741.jpg



L-743.jpg



L-744.jpg



L-745.jpg



L-749.jpg



L-750.jpg



L-751.jpg



L-751A.jpg



L-751B.jpg



L-752.jpg



L-753.jpg



L-753A.jpg



L-754.jpg



L-755.jpg



L-756.jpg



L-759.jpg



L-760.jpg



L-761.jpg



L-761A.jpg



L-762.jpg



L-762A.jpg



L-764.jpg



L-765.jpg



L-766A.jpg



L-766.jpg



L-767.jpg



L-767A.jpg



L-768A.jpg



L-769.jpg



L-770.jpg



L-770A.jpg



L-772.jpg



L-772B.jpg



L-773.jpg



L-775.jpg



L-776A.jpg



L-776.jpg



L-776A.jpg



L-776B.jpg



L-777.jpg



L-777A.jpg



L-778.jpg



L-778A.jpg



L-779.jpg



L-779A.jpg



L-780.jpg



L-781.jpg



L-781A.jpg



L-782.jpg



L-783.jpg



L-784.jpg



L-784A.jpg



L-785.jpg



L-786.jpg



L-787.jpg



L-788.jpg



L-789.jpg



L-789A.jpg



L-790.jpg



L-791.jpg



L-791A.jpg



L-792.jpg



L-793.jpg



L-793A.jpg



L-794.jpg



L-794A.jpg



L-796.jpg



L-797.jpg



L-798.jpg



L-799.jpg



L-800.jpg



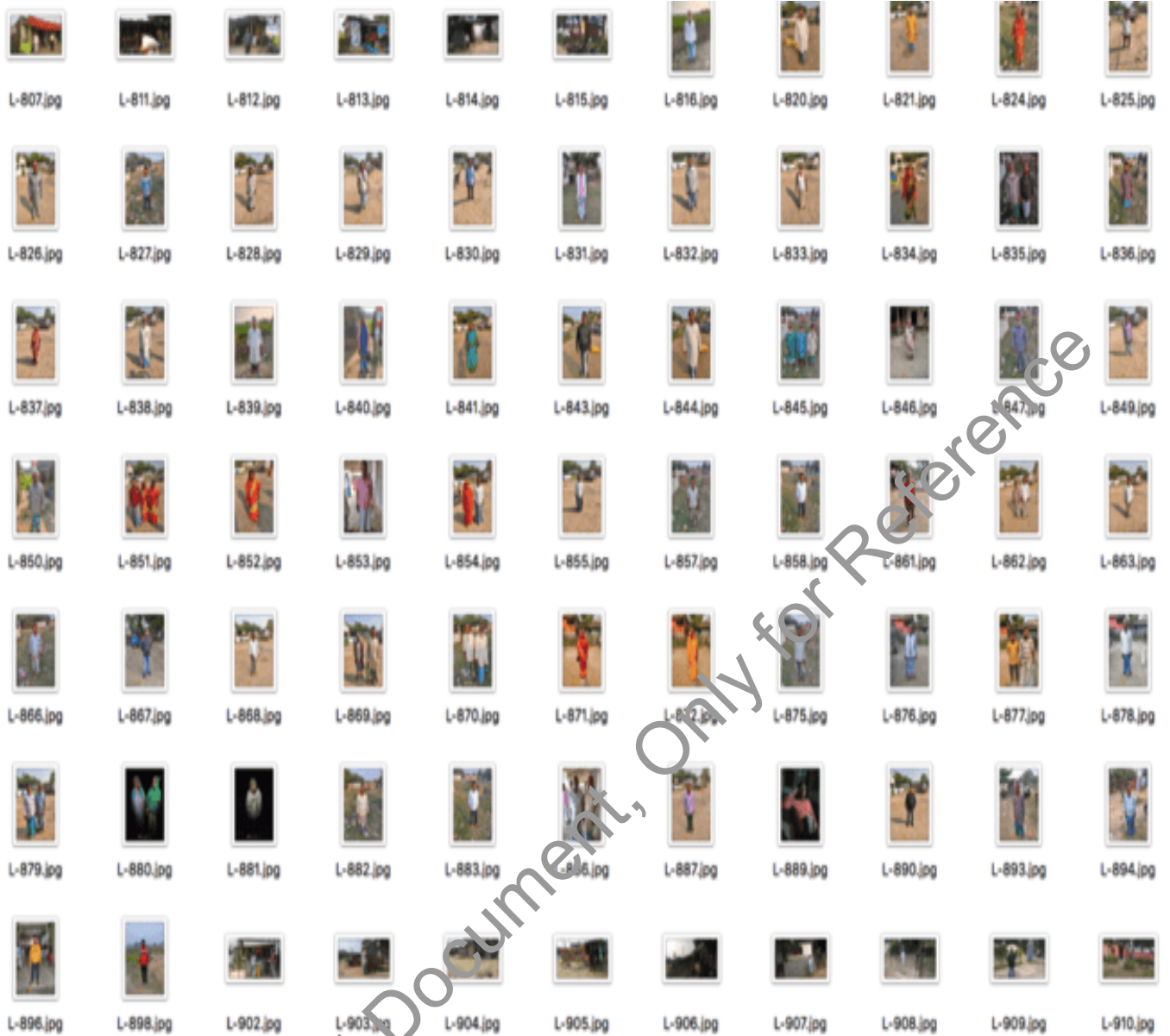
L-801.jpg



L-802.jpg



L-803.jpg





L-911.jpg



L-912.jpg



L-913.jpg



L-914.jpg



L-915.jpg



L-916.jpg



L-917.jpg



L-918.jpg



L-919.jpg



L-920.jpg



L-922.jpg



L-923.jpg



L-924.jpg



L-925.jpg



L-926.jpg



L-927.jpg



L-930.jpg



L-931.jpg



L-932.jpg



L-933.jpg



L-934.jpg



L-935.jpg



L-937.jpg



L-938.jpg



L-939.jpg



L-940.jpg



L-941.jpg



L-942.jpg



L-942A.jpg



L-943.jpg



L-944.jpg



L-945.jpg



L-946.jpg



L-947.jpg



L-948.jpg



L-949.jpg



L-950.jpg



L-950A.jpg



L-951.jpg



L-952.jpg



L-953.jpg



L-954.jpg



L-955.jpg



L-956.jpg



L-957.jpg



L-958.jpg



L-959.jpg



L-960.jpg



L-961.jpg



L-962.jpg



L-963.jpg



L-964.jpg



L-965.jpg



L-966.jpg



L-967.jpg



L-969.jpg



L-970.jpg



L-971.jpg



L-972.jpg



L-974.jpg



L-975.jpg



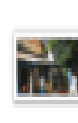
L-976.jpg



L-978.jpg



L-979.jpg



L-980.jpg



L-981.jpg



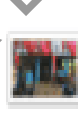
L-982.jpg



L-983.jpg



L-984.jpg



L-985.jpg



L-986.jpg



L-987.jpg



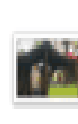
L-988.jpg



L-989.jpg



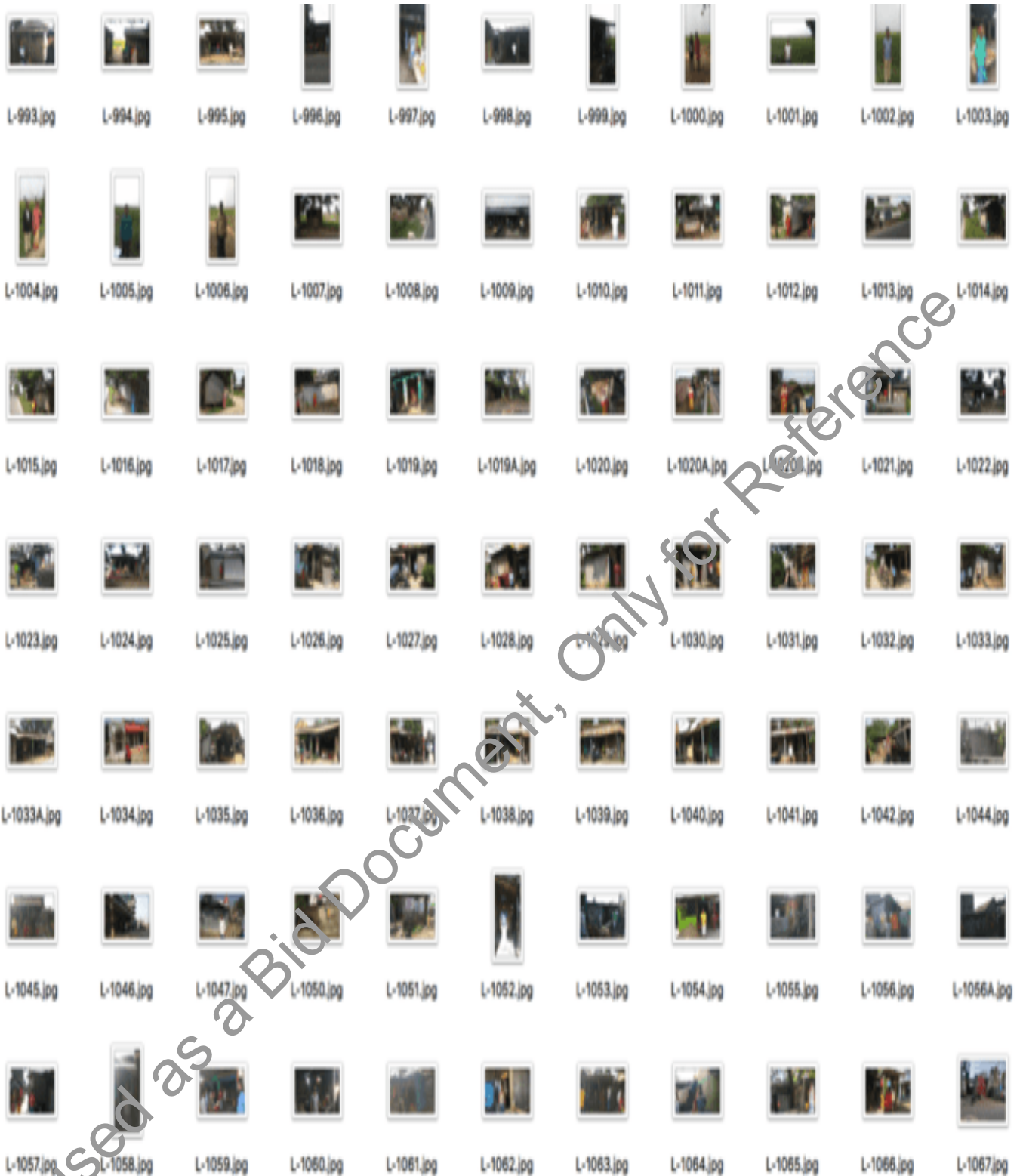
L-990.jpg



L-991.jpg



L-992.jpg





L-1068.jpg



L-1069.jpg



L-1069A.jpg



L-1070.jpg



L-1071.jpg



L-1072.jpg



L-1073.jpg



L-1074.jpg



L-1075.jpg



L-1076.jpg



L-1077.jpg



L-1078.jpg



L-1079.jpg



L-1080.jpg



L-1081.jpg



L-1082.jpg



L-1083.jpg



L-1084.jpg



L-1085.jpg



L-1086.jpg



L-1087.jpg



L-1088.jpg



L-1089.jpg



L-1090.jpg



L-1091.jpg



L-1092.jpg



L-1093.jpg



L-1094.jpg



L-1095.jpg



L-1096.jpg



L-1097.jpg



L-1098.jpg



L-1099.jpg



L-1100.jpg



L-1102.jpg



L-1103.jpg



L-1104.jpg



L-1106.jpg



L-1107.jpg



L-1108.jpg



L-1109.jpg



L-1110.jpg



L-1111.jpg



L-1112.jpg



L-1113.jpg



L-1115.jpg



L-1116.jpg



L-1117.jpg



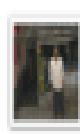
L-1118.jpg



L-1119.jpg



L-1120.jpg



L-1120A.jpg



L-1121.jpg



L-1122.jpg



L-1122A.jpg



L-1123.jpg



L-1124.jpg



L-1125.jpg



L-1126.jpg



L-1126A.jpg



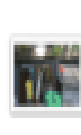
L-1126B.jpg



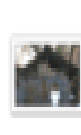
L-1127.jpg



L-1128.jpg



L-1129.jpg



L-1130.jpg



L-1131.jpg



L-1132.jpg



L-1132A.jpg



L-1133.jpg



L-1134.jpg



L-1135.jpg



L-1136.jpg



L-1137.jpg



L-1138.jpg



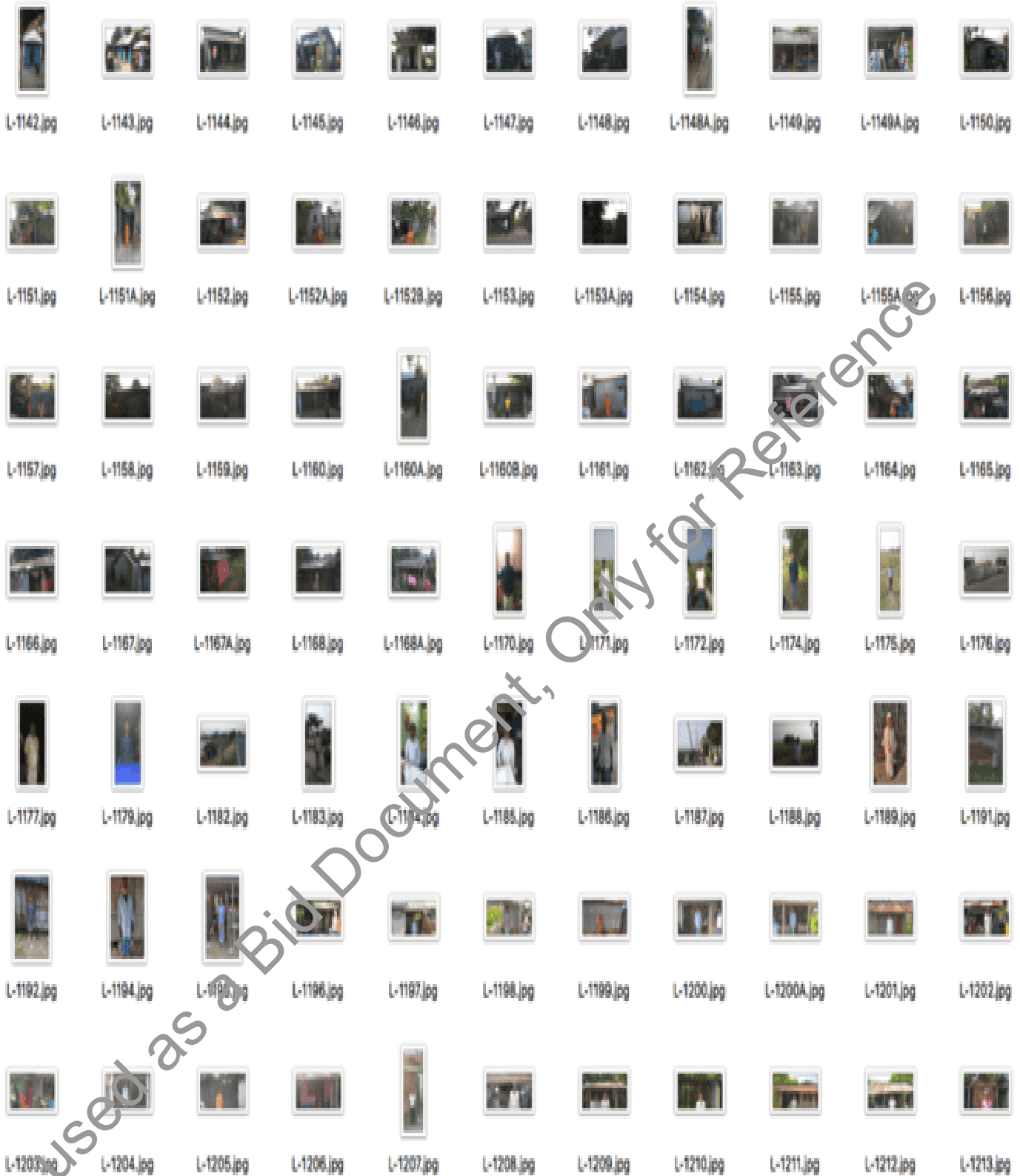
L-1139.jpg

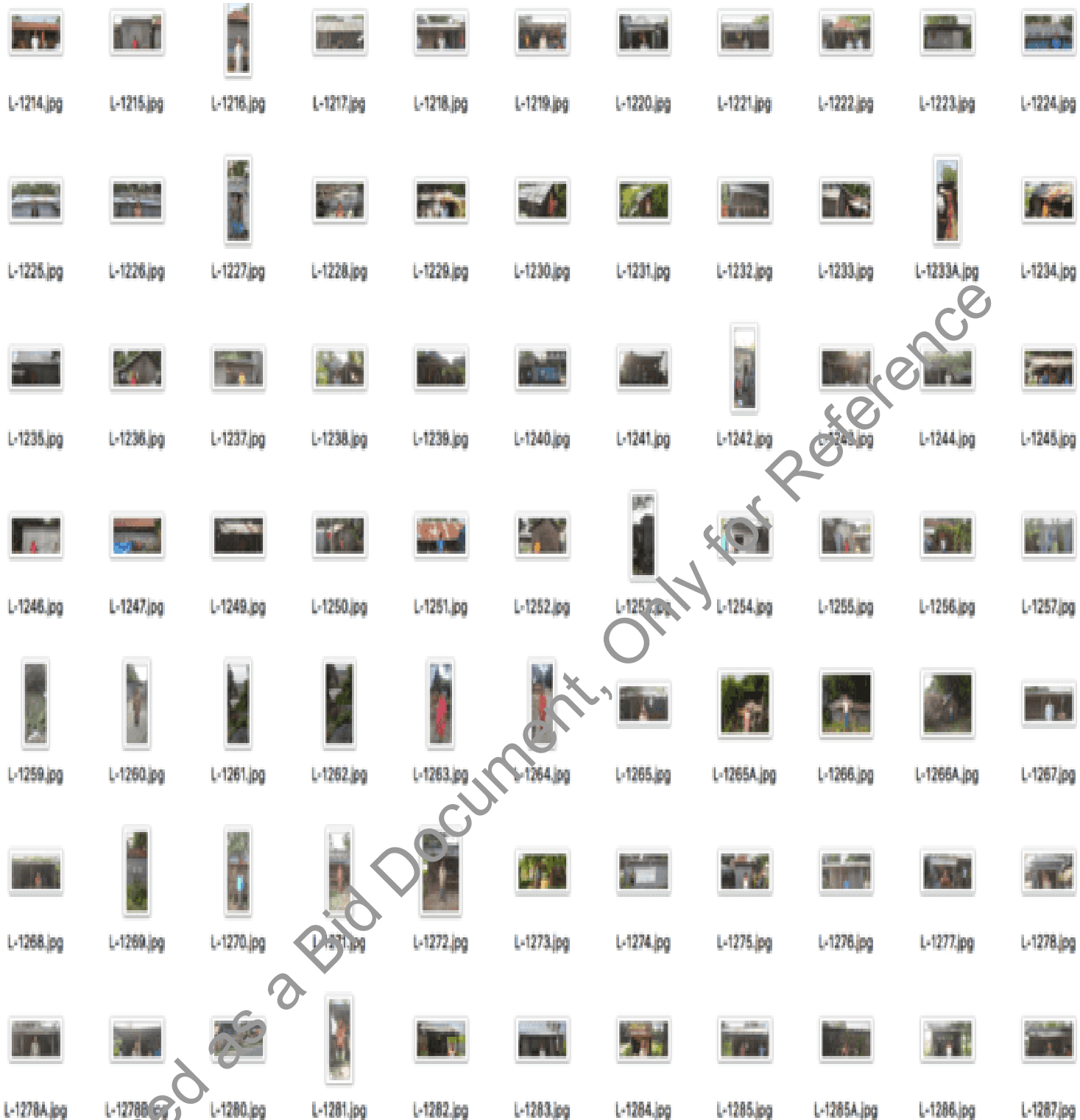


L-1140.jpg

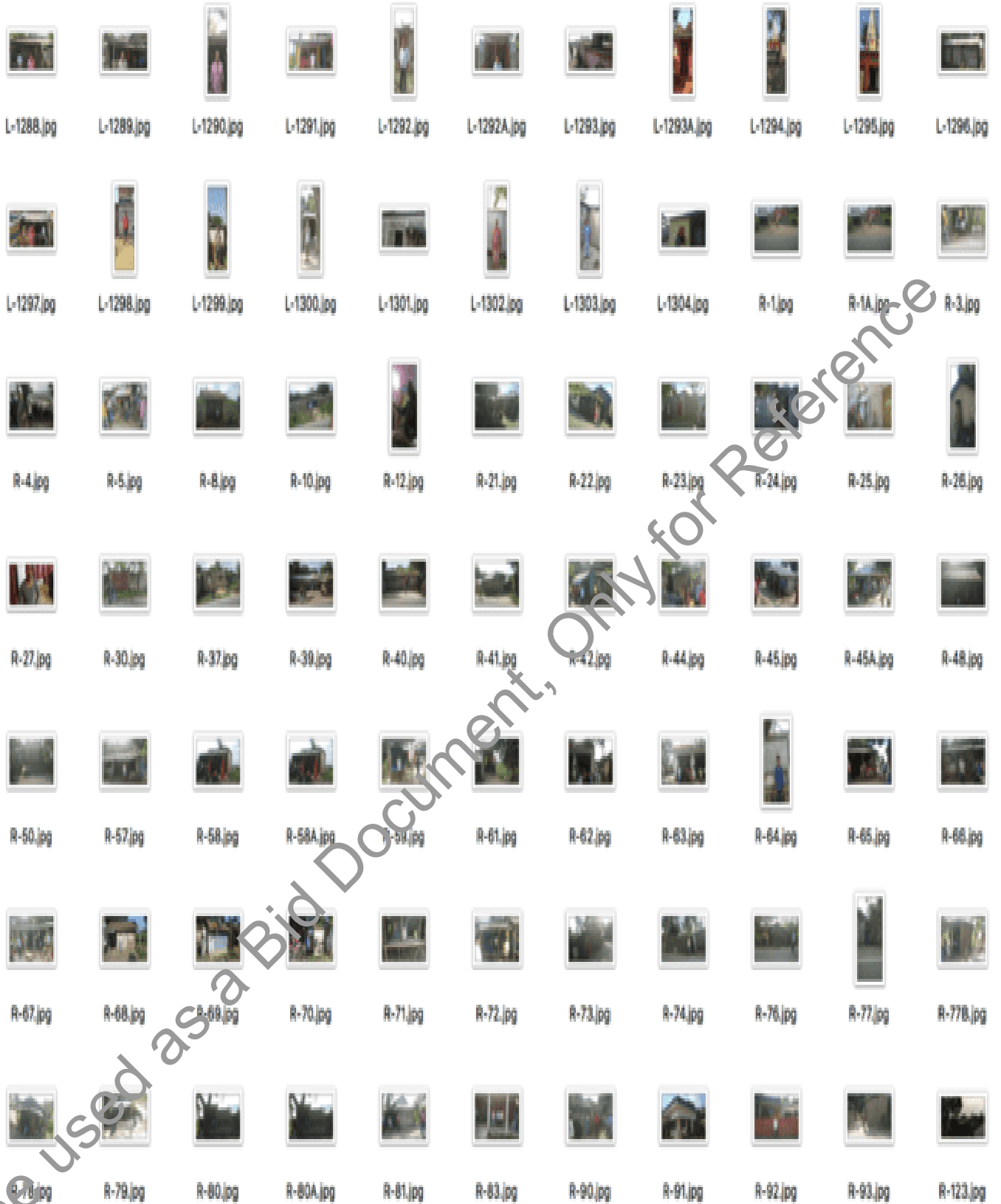


L-1141.jpg











R-124.jpg



R-125.jpg



R-126A.jpg



R-126.jpg



R-126A.jpg



R-127.jpg



R-127A.jpg



R-128.jpg



R-128A.jpg



R-130.jpg



R-131.jpg



R-135.jpg



R-141.jpg



R-143.jpg



R-144.jpg



R-145.jpg



R-146.jpg



R-147.jpg



R-149.jpg



R-150.jpg



R-151.jpg



R-157.jpg



R-157A.jpg



R-157B.jpg



R-159.jpg



R-164.jpg



R-165.jpg



R-166.jpg



R-167.jpg



R-168.jpg



R-169.jpg



R-170.jpg



R-171.jpg



R-172.jpg



R-181.jpg



R-182.jpg



R-183.jpg



R-184.jpg



R-185.jpg



R-186.jpg



R-187.jpg



R-188.jpg



R-189.jpg



R-190.jpg



R-191.jpg



R-201.jpg



R-202.jpg



R-203.jpg



R-204.jpg



R-204A.jpg



R-205.jpg



R-209.jpg



R-212.jpg



R-214.jpg



R-215.jpg



R-224.jpg



R-227.jpg



R-234.jpg



R-237.jpg



R-238.jpg



R-239.jpg



R-243.jpg



R-245.jpg



R-246.jpg



R-248.jpg



R-249.jpg



R-250.jpg



R-261.jpg



R-262.jpg



R-266.jpg



R-266.jpg



R-267.jpg



R-270.jpg



R-273.jpg



R-274.jpg



R-276.jpg



R-279.jpg



R-283.jpg



R-284.jpg



R-285A.jpg



R-286.jpg



R-287.jpg



R-288.jpg



R-289.jpg



R-292.jpg



R-293.jpg



R-294.jpg



R-295.jpg



R-296.jpg



R-297.jpg



R-298.jpg



R-299.jpg



R-300.jpg



R-301.jpg



R-302.jpg



R-303.jpg



R-304.jpg



R-305.jpg



R-306.jpg



R-307.jpg



R-308.jpg



R-309.jpg



R-310.jpg



R-311.jpg



R-312.jpg



R-313.jpg



R-314.jpg



R-315.jpg



R-316.jpg



R-317.jpg



R-318.jpg



R-319.jpg



R-321.jpg



R-326.jpg



R-329.jpg



R-334.jpg



R-335.jpg



R-340.jpg



R-341.jpg



R-342.jpg



R-343.jpg



R-344.jpg



R-347.jpg



R-352.jpg



R-354.jpg



R-357.jpg



R-361.jpg



R-363.jpg



R-364.jpg



R-365.jpg



R-368.jpg



R-372.jpg



R-374.jpg



R-380.jpg



R-381.jpg



R-382.jpg



R-383.jpg



R-384.jpg



R-386.jpg



R-387.jpg



R-388.jpg



R-389.jpg



R-390.jpg



R-391.jpg



R-394.jpg



R-397.jpg



R-397A.jpg



R-399.jpg



R-400.jpg



R-400A.jpg



R-401.jpg



R-402.jpg



R-403.jpg



R-403B.jpg



R-404.jpg



R-406.jpg



R-407.jpg



R-407A.jpg



R-408.jpg



R-409.jpg



R-409A.jpg



R-410.jpg



R-412.jpg



R-412A.jpg



R-414.jpg



R-427.jpg



R-427A.jpg



R-427C.jpg



R-428.jpg



R-429.jpg



R-431.jpg



R-432.jpg



R-432A.jpg



R-433.jpg



R-436.jpg



R-437.jpg



R-437B.jpg



R-438.jpg



R-438A.jpg



R-438B.jpg



R-438C.jpg



R-439.jpg



R-440.jpg



R-440A.jpg



R-442.jpg



R-443.jpg



R-447.jpg



R-448.jpg



R-449.jpg



R-450.jpg



R-452.jpg



R-452A.jpg



R-453.jpg



R-454.jpg



R-454A.jpg



R-455.jpg



R-455A.jpg



R-457.jpg



R-458.jpg



R-459.jpg



R-464.jpg



R-466.jpg



R-467.jpg



R-469.jpg



R-470.jpg



R-471.jpg



R-472.jpg



R-472A.jpg



R-473.jpg



R-474.jpg



R-475.jpg



R-477.jpg



R-478.jpg



R-479.jpg



R-480.jpg



R-487.jpg



R-488.jpg



R-489.jpg



R-491.jpg



R-491A.jpg



R-491B.jpg



R-492.jpg



R-496.jpg



R-497.jpg



R-498.jpg



R-499.jpg



R-504A.jpg



R-507.jpg



R-508.jpg



R-510.jpg



R-511.jpg



R-512.jpg



R-513.jpg



R-513A.jpg



R-514.jpg



R-514A.jpg



R-514B.jpg



R-514C.jpg



R-515.jpg



R-515A.jpg



R-515B.jpg



R-516.jpg



R-517.jpg



R-518.jpg



R-519.jpg



R-519A.jpg



R-520.jpg



R-521.jpg



R-556.jpg



R-561.jpg



R-562.jpg



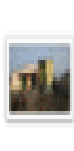
R-563.jpg



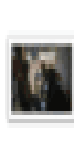
R-570.jpg



R-571.jpg



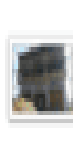
R-572.jpg



R-600.jpg



R-604.jpg



R-605.jpg



R-606.jpg



R-607.jpg



R-608.jpg



R-609.jpg



R-611.jpg



R-614.jpg



R-615.jpg



R-616.jpg



R-617.jpg



R-618.jpg



R-619.jpg



R-621.jpg



R-622.jpg



R-623.jpg



R-624.jpg



R-625.jpg



R-626.jpg



R-627.jpg



R-628.jpg



R-629.jpg



R-630.jpg



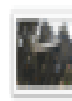
R-631.jpg



R-633.jpg



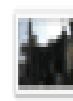
R-634.jpg



R-635.jpg



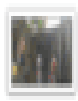
R-636.jpg



R-637.jpg



R-637A.jpg



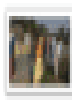
R-638.jpg



R-639.jpg



R-640.jpg



R-641.jpg



R-642.jpg



R-643.jpg



R-644.jpg



R-645.jpg



R-646.jpg



R-647.jpg



R-648.jpg



R-649.jpg



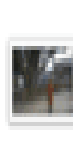
R-650.jpg



R-651.jpg



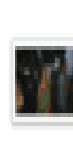
R-652.jpg



R-653.jpg



R-654.jpg



R-655.jpg



R-657.jpg



R-658.jpg



R-659.jpg



R-660.jpg



R-661.jpg



R-662.jpg



R-663.jpg



R-664.jpg



R-665.jpg



R-666.jpg



R-667.jpg



R-668.jpg



R-670.jpg



R-671.jpg



R-672.jpg



R-675.jpg



R-676.jpg



R-677.jpg



R-678.jpg



R-680.jpg



R-681.jpg



R-683.jpg



R-684.jpg



R-685.jpg



R-686.jpg



R-687.jpg



R-687A.jpg



R-687B.jpg



R-688.jpg



R-690.jpg



R-691.jpg



R-692.jpg



R-693.jpg



R-694.jpg



R-695.jpg



R-696.jpg



R-697.jpg



R-698.jpg



R-699.jpg



R-700.jpg



R-701.jpg



R-702.jpg



R-703.jpg



R-704.jpg



R-705.jpg



R-706.jpg



R-707.jpg



R-710.jpg



R-711.jpg



R-712.jpg



R-713.jpg



R-714.jpg



R-715.jpg



R-716.jpg



R-716A.jpg



R-716B.jpg



R-717.jpg



R-719.jpg



R-720.jpg



R-721.jpg



R-722.jpg



R-723.jpg



R-724.jpg



R-725.jpg



R-726.jpg



R-727.jpg



R-728.jpg



R-729.jpg



R-729A.jpg



R-729B.jpg



R-729C.jpg



R-730.jpg



R-731.jpg



R-733.jpg



R-733A.jpg



R-734B.jpg



R-734C.jpg



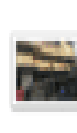
R-735.jpg



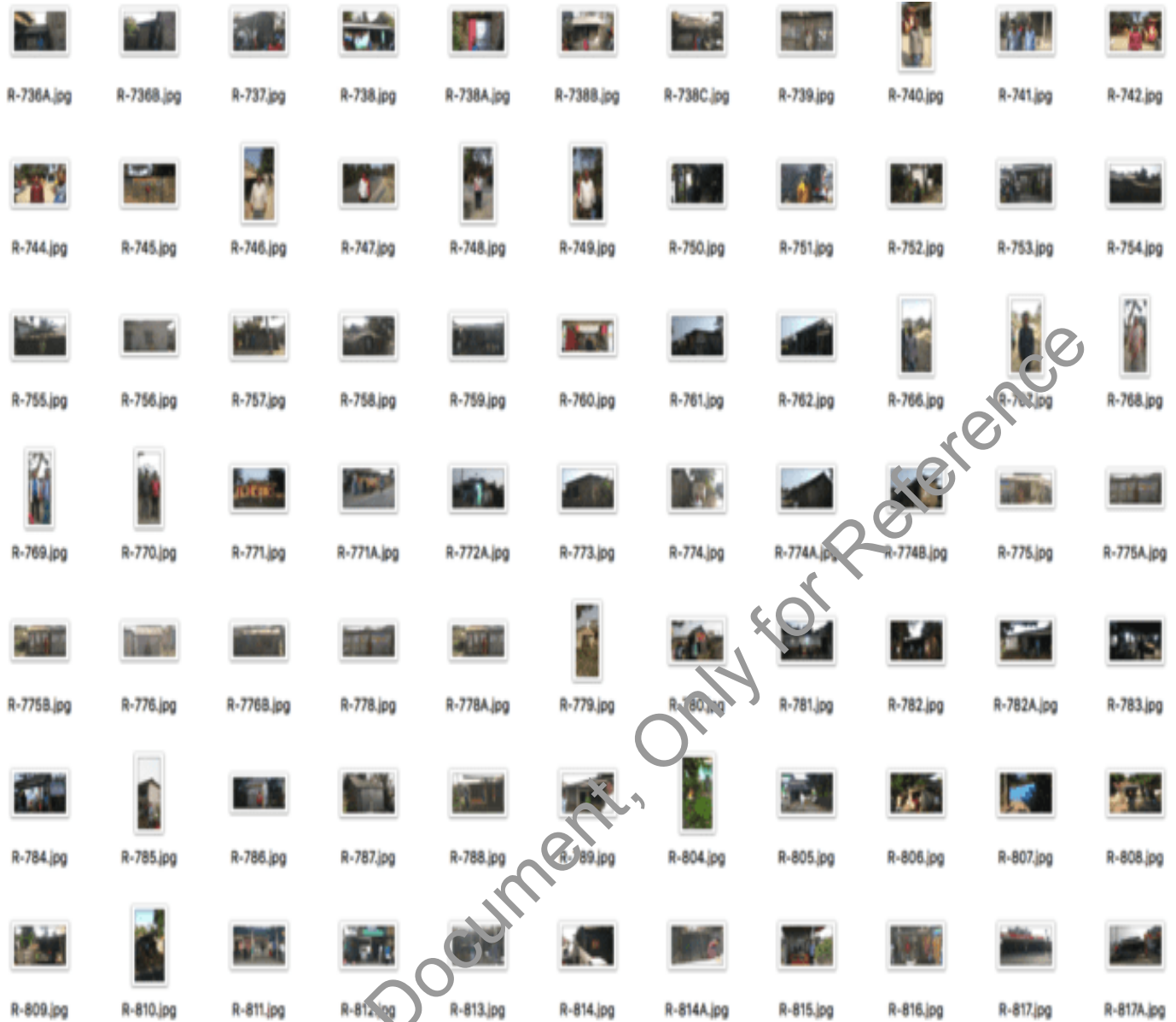
R-735A.jpg

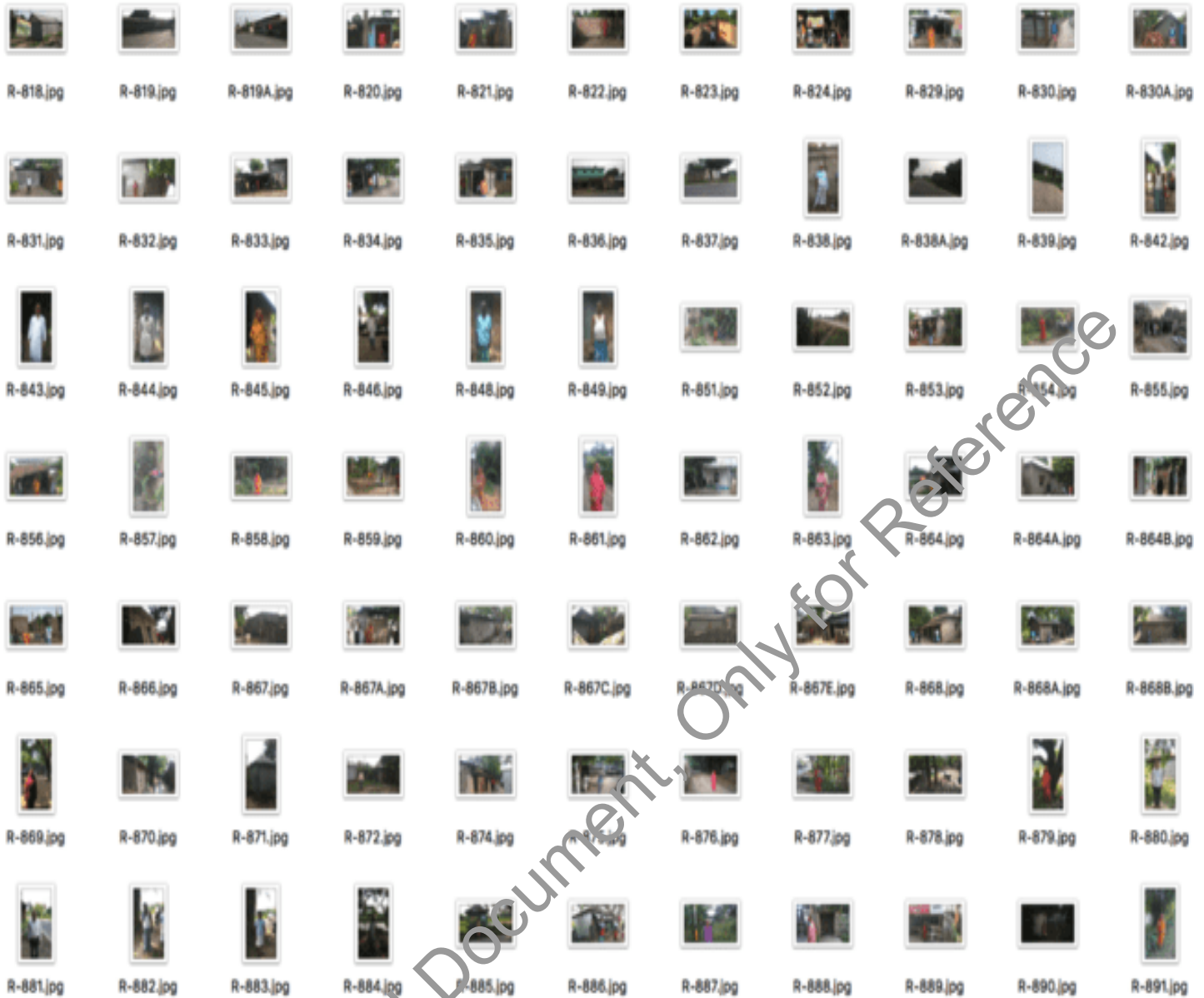


R-735B.jpg

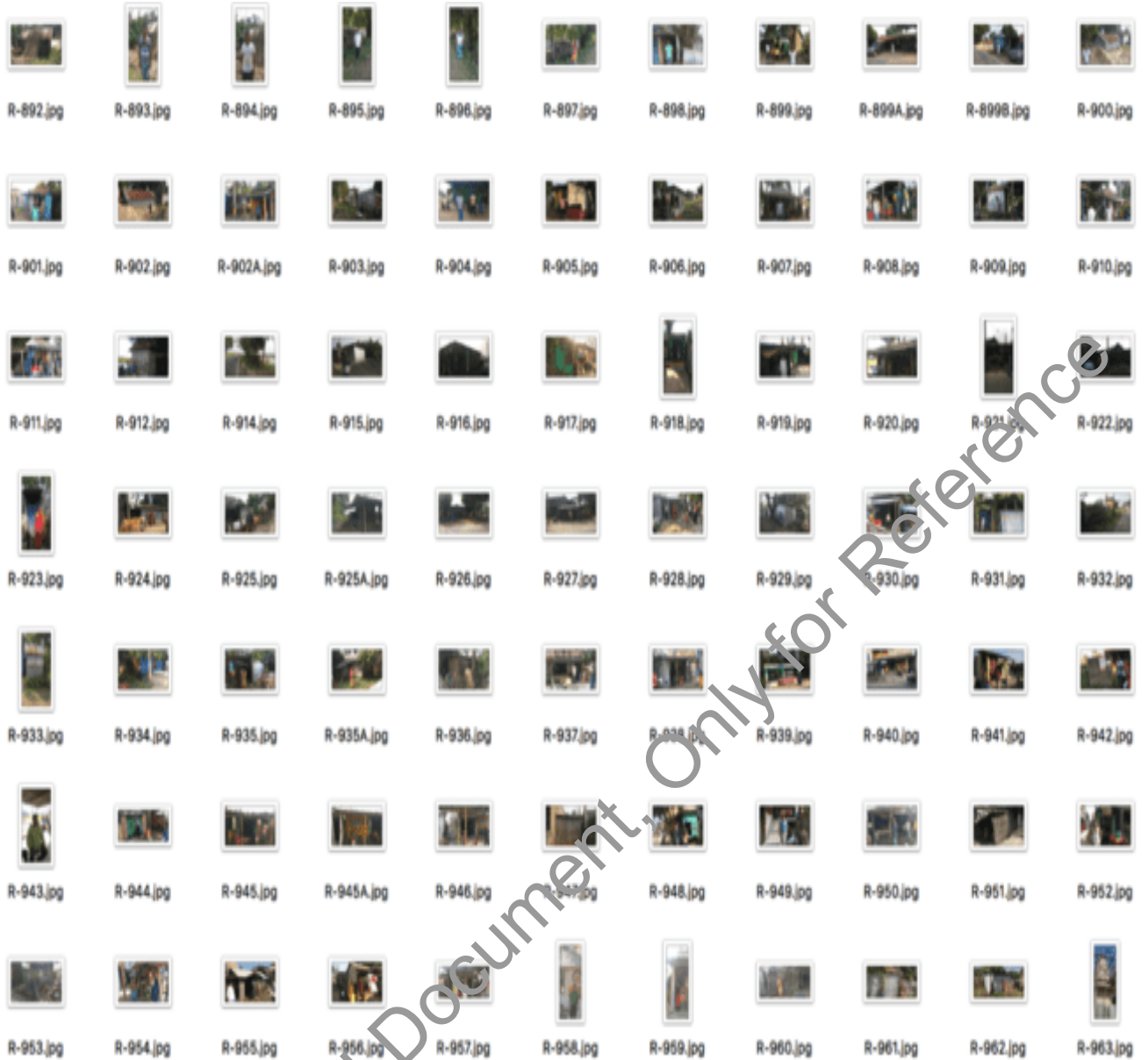


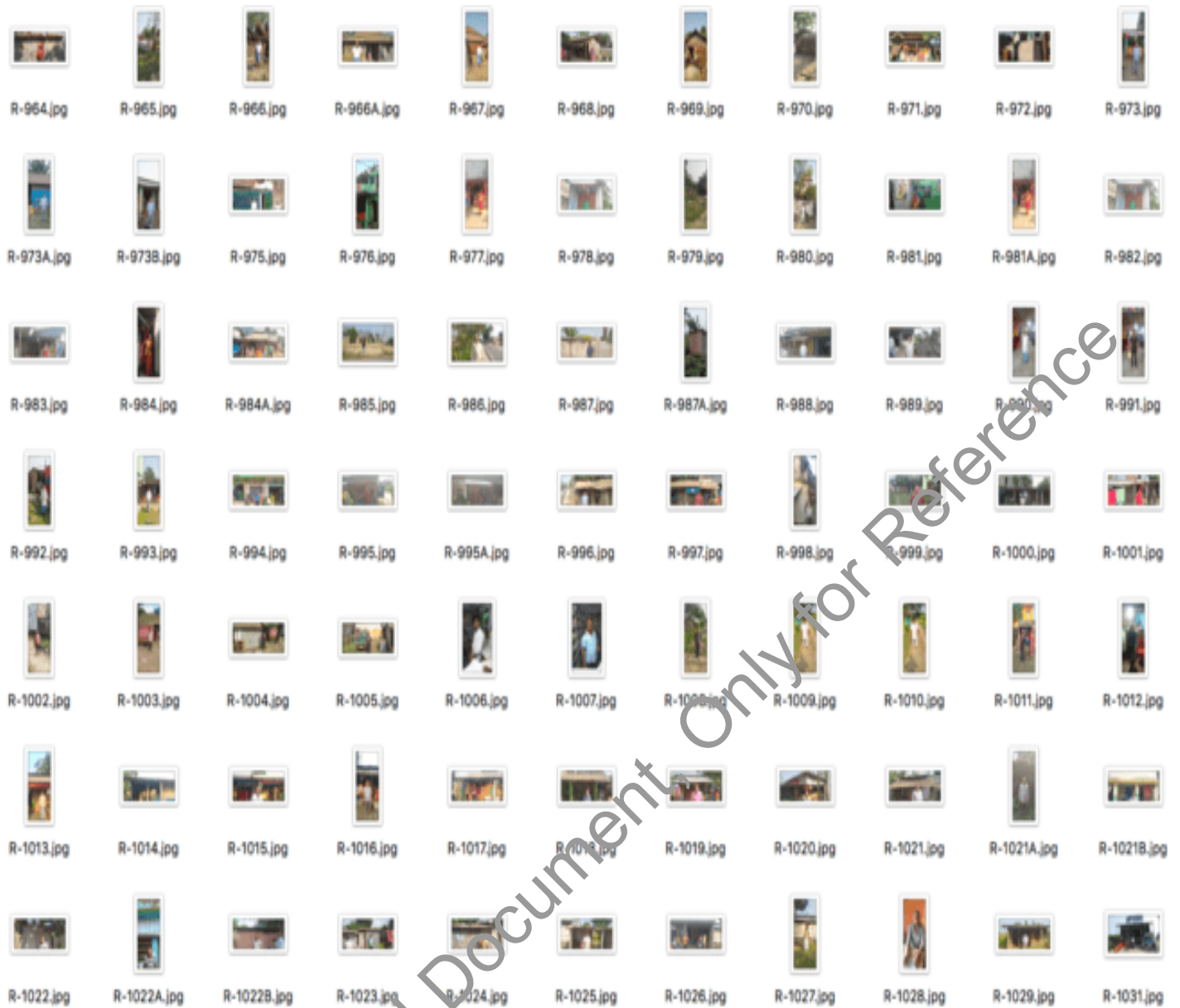
R-736.jpg

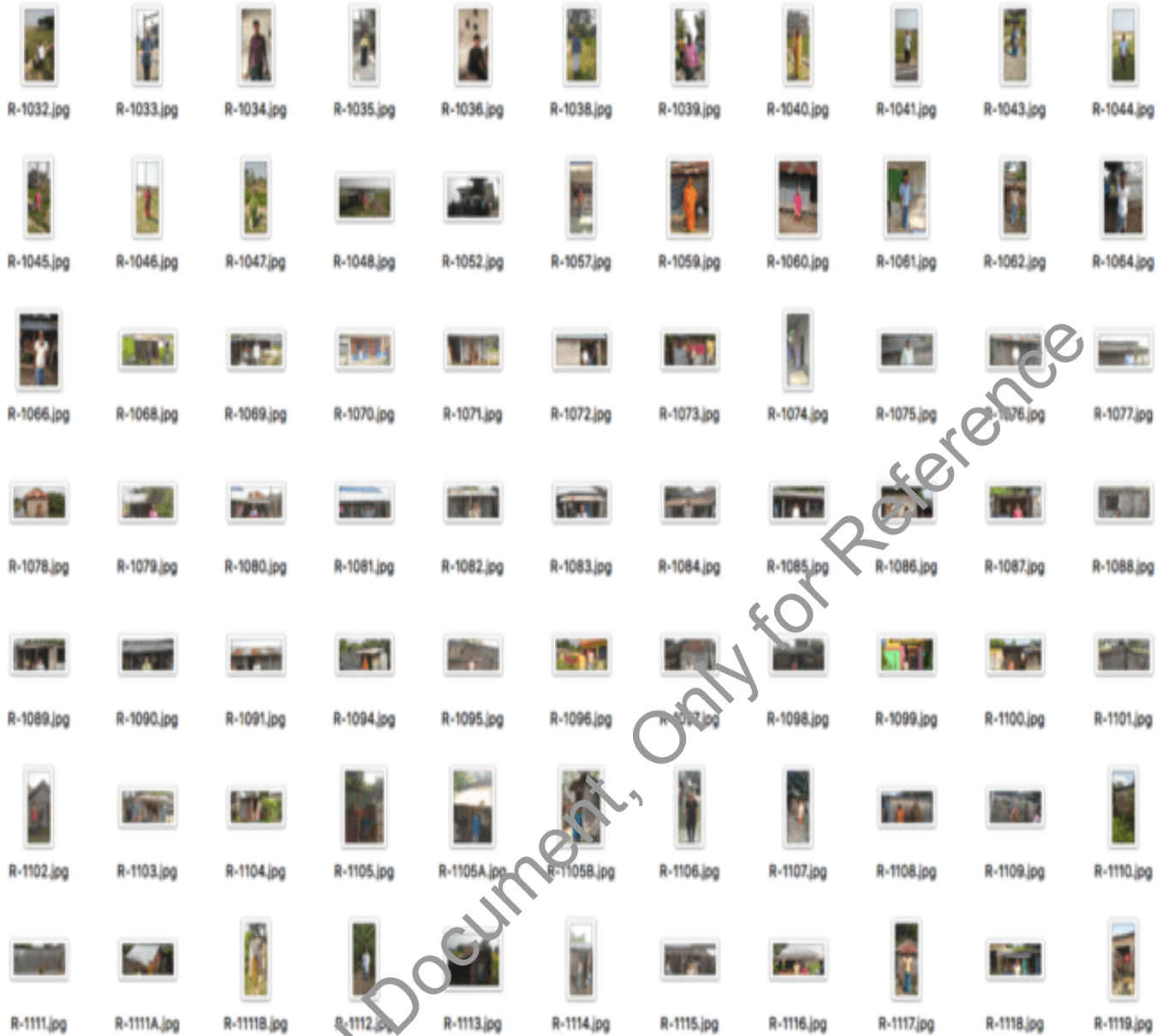














R-1120.jpg



R-1121.jpg



R-1122.jpg



R-1123.jpg



R-1124.jpg



R-1125.jpg



R-1126.jpg



R-1127.jpg



R-1128.jpg



R-1129.jpg



R-1130.jpg



R-1130A.jpg



R-1130B.jpg



R-1131.jpg



R-1134.jpg



R-1135.jpg



R-1136.jpg



R-1137.jpg



R-1137A.jpg



R-1138.jpg



R-1139.jpg



R-1140.jpg



R-1141.jpg



R-1142.jpg



R-1143.jpg



R-1144.jpg



R-1145.jpg



R-1146.jpg



R-1147.jpg



R-1148.jpg



R-1149.jpg



R-1150.jpg



R-1151.jpg



R-1152.jpg