



# **IMPLEMENTATION OF LAND ACQUISITION AND RESETTLEMENT PLAN**

**COMPLETION REPORT FOR PHASE 3**

**LOT 1 (km 38+450-km 48+140)**

**M6 Vanadzor–Alaverdi–Georgian Border Interstate Road  
Rehabilitation and Improvement Project**

**(Km38.450 –km90.190)**

**February 2019**

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## CONTENTS

I.	Introduction.....	4
1.1	Project Background.....	4
1.2	LAR-Related Conditions to Project Implementation.....	5
1.3	Summary of Impacts per LARP .....	6
1.4	LARP Implementation Planning and Overall Implementation Status.....	6
1.5	Legal Framework and Entitlements for Compensation .....	9
1.6	Monitoring of LARP Implementation.....	10
II.	LARP Implementation Procedures and Results in Phase 3, Lot 1 .....	11
2.1	LARP Implementation Preparatory activities .....	12
2.2	Notification and Public Consultation.....	12
2.3	LARP implementation results in Phase 3 of Lot 1 .....	13
III.	Implementation of Legalization and Cadastral Correction Plan in Phase 3, Lot 1 .....	22
IV.	Expropriation cases in Phase 3.....	24
V.	Grievance Redress Process in Phase 3.....	25
VI.	Vibration modelling and sensitive buildings in Phase 3.....	26
VII.	Conclusion on LARP Implementation in Phase 3, Lot 1 .....	26
	Annex 1. List of acquired and compensation lands plots in Phase 3 section of Lot 1 per communities .....	28
	Annex 2. Scheme of LARP implementation Phases per Lots and Road Pickets.....	30
	Annex 3. Summary of Affected Households/ Persons by Category of Impact per.....	33
	LARP .....	33
	Annex 4. List of sensitive properties in Phase 3 subject to vibration monitoring.....	35

## ABBREVIATIONS

ADB	Asian Development Bank
AH	Affected Households
AHHs	Affected Heads of Households
AMD	Armenian Dram
AP	Affected Person
COI	Corridor of Impact
DMS	Detailed Measurement Survey
DD	Detailed Design
EA	Executing Agency
EM	Entitlement Matrix
EMA/EMIC	External Monitoring Agency/External Monitoring Individual Consultant
EIB	European Investment Bank
GoA	Government of Armenia
GRM/GRG/GFP/	Grievance Redress Mechanism, Grievance Review Group, Grievance Focal Person,
HH	Household Head
CR/EMCR	LARP implementation Completion Report, LARP implementation External Monitoring Compliance Report
IC	Implementing Company
IP	Indigenous People
LAR	Land Acquisition & Resettlement
LARF	Land Acquisition & Resettlement Framework
LARP	Land Acquisition & Resettlement Plan
LGBs	Local Self- Governing Bodies
M&E	Monitoring & Evaluation
MTCIT	Ministry of Transport, Communications and Information Technologies
NGO	Non-Government Organization
NSRCP	North South Road Corridor Project
NSS	National Statistical Service
PC	Public Consultation
PPR	Project Progress Report to EIB on Semiannual basis
TPIO	Transport Projects Implementation Organization
RA	Republic of Armenia
RoW	Right of Way
RP	Resettlement Plan
RCT	Resettlement Coordination Team
SCREC	State Committee of Real Estate Cadaster
SES	Socio-Economic Survey
SPS	Safeguard Policy Statement
SSSC	Social Safeguards Support Consultant

## I. Introduction

This report is the summarized result of land acquisition in Phase 3 Lot 1. Report presents how mitigations envisaged the LARP have been implemented. After the report will be approved by Asian Development Bank (ADB) the section will be handed over to Contractor for construction works.

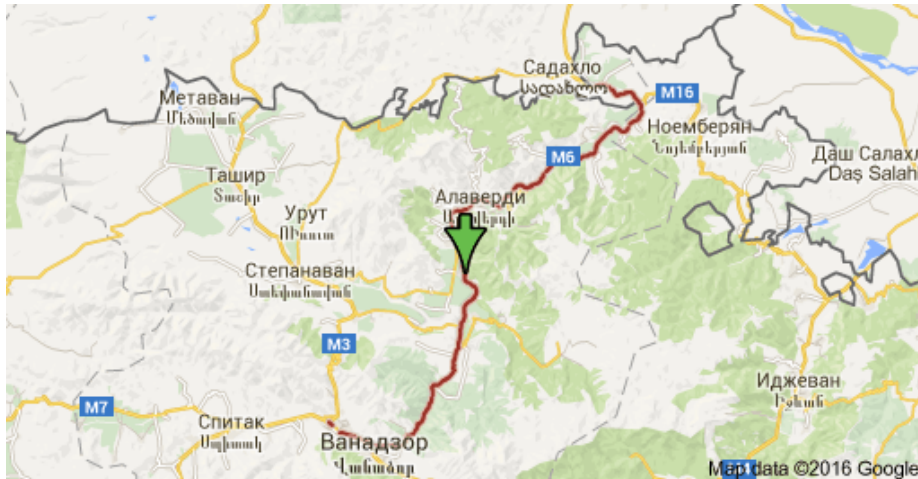
### 1.1 Project Background

1. The Asian Development Bank (ADB) has agreed to co-finance the M6 Vanadzor-Alaverdi-Georgian Border Interstate Road Rehabilitation and Improvement Project (hereinafter: Project) with the European Investment Bank (EIB). The project road is about 90 km long connecting the city of Vanadzor with the Georgian border near the city of Bagratashen. Section 1 (Km0+000-Km38+450) is financed by EIB (EIB-financed road section); and section 2 (Km38+450-Km91+190) is financed by ADB (ADB-financed road section). ADB financed road section of the Project does not have extensive land acquisition impacts and is classified as Category B for Involuntary Resettlement. The Land Acquisition and Resettlement Plan (LARP) covering the ADB financed section of the Project has been prepared by the Ministry of Transport, Communications and Information Technologies (MTCIT) of Armenia, the Project's Executing Agency (EA) is responsible for planning and implementation of the LARP. The Transport Projects Implementation Organization SNCO (TPIO) acts as an Implementing Agency (IA) for the Project.
2. The LARP is based on the requirements of appropriate laws and regulations of the Republic of Armenia and ADB's Safeguards Policy Statement (SPS) of 2009. The approved LARP covers the rights of persons who were affected through permanent losses of land, living or other building/structure, crops and trees, income, business and employment, as well as contains relevant provisions on project severe impact, physical relocation, rehabilitation allowances, temporary and unforeseen impacts and compensations for improvements. LARP assesses the Project impact and provides details on required compensation and restoration measures based on the final detailed road design, Detailed Measurement Survey (DMS) for each affected land plot, Census and Social-Economic Survey of AHs. LARP also presents the scope of community rights in the case of community/public property loss.
3. LARP has been approved by MTCIT and ADB in November 2017 and is available on the TPIO's web-site<sup>1</sup>.
4. The existing M6 road alignment runs along the narrow valley of the river Debed through 14 communities along the ADB financed road section (see Map 1 below). The width of carriageway will be standard 7.2 m (6.6 m in heavy mountainous sections) and varied width of shoulder of 0.5-1.5 m. The design speed will be 60 km/h for the mountain section and 90 km/h for the flat section. Minor realignment in few sections will be necessary to improve the geometric alignment and sight distance.

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<sup>1</sup> <http://tpio.am/am/safeguard/social-impact-and-resettlement>

**Map 1: M6 Vanadzor–Alaverdi–Georgian Border Interstate Road Rehabilitation and Improvement Project Area**



5. The affected communities are located within the administrative territory of Lori and Tavush Marzes. Based on the final detailed design, 10 communities are affected by the identified alignment in ADB financed section which are as follows: Akhtala, Aygehat, Tumanyan, Aqori, Haghpat, Neghots, Shnogh, Alaverdi, Odzun and Archis. In terms of construction works, the Project is divided into three road sections (Lots) which will have separate Contractors. The breakdown of the Project road per Lots and communities is shown in the table 1 below.

**Table 1: Breakdown of the Project per Lots and Communities**

Lot (construction section)	Start Km- End Km	Length, m	Community	Number of Communities	Remarks
Lot 1	km 38+450-km 48+140	9,690.00	Aygehat	4	One community in Lot 1 (Alaverdi) is in lot 2 as well, and one of 3 communities in Lot 2 (Haghpat) is in Lot 3 as well.
			Alaverdi city		
			Odzun		
			Tumanyan		
Lot 2	km 48+140-km 62+300	14,160.00	Haghpat	3	
			Alaverdi city		
			Aqori		
Lot 3	km 62+300-km 90+191	27,891.00	Haghpat	9	4 communities in Lot 3 are not affected by the project: Ayrum, Haghtanak, Ptghavan and Bagratashen
			Akhtala		
			Shnogh		
			Artchis		
			Neghots		
			Ayrum		
			Haghtanak		
			Ptghavan		
Bagratashen					
<b>Total</b>		<b>51,741.00</b>		<b>14</b>	The total number of 14 communities is presented without double counting

**1.2 LAR-Related Conditions to Project Implementation**

6. According to SPS 2009 provisions and ADB’s established operational practice, the Project approval/implementation will be based on the following conditions:

- (i) **Project implementation clearance:** Conditional to: the finalization of the LARP as an implementation-ready document acceptable to ADB and GoA and its disclosure.
  - (ii) **Start of Physical Civil Works:** Conditional to full implementation of the implementation-ready LARP (full compensation/rehabilitation delivery) to be properly reported to ADB by the EA.
7. The Project is categorized as B in terms of IR for which the external monitoring is not required. However, it has been defined by the LARP that an External Monitoring Individual Consultant (EMIC) will be engaged for LARP implementation monitoring purpose. Currently, the EMIC hasn't mobilized yet, therefore it has been agreed with ADB, that completion reports (CR) for each LARP implementation phase will be prepared internally by TPIO.
8. Meantime, it is planned that the verification of LARP implementation will be carried out by EMIC when mobilized based on CRs prepared by TPIO and corrective actions will be suggested (if any).

### 1.3 Summary of Impacts per LARP

9. The LARP identified 172 projects affected households (AH), including owners and users of the lands/buildings, with a total of 492 household members. In total, the Project will acquire 444 land plots from 172 AHs covering 526,018.5 m<sup>2</sup> in 10 communities. Out of total affected 444 land plots, the 216 (48.7%) are concentrated in Lot 1 and 116 (26.1%) and 112 (25.2%) in Lot 2 and Lot 3 respectively. The summary of impacts by construction Lots and communities is shown below in Table 2.
10. Information on different categories of affected households (AHs) and affected persons (APs) by impact type per LARP, as well as the summary of AHs/APs are presented in the Annex 2 of this report.

**Table 2. Impact of the M6 project in all 3 Lots (Planned under the LARP)<sup>2</sup>**

N	Section	Communities, N	Total size of affected land (sq.m.)	Plots, N	AHs, N	APs, N	Severely AHs, N	Residential relocated AHs, N
1	Lot 1 (km 38+450-km 48+140)	4	142,835.0	216	96	263	38	6
2	Lot 2 (km 48+140-km 62+300)	3	194,229.7	116	39	104	11	-
3	Lot 3 (km 62+300-km 90+191)	9	188,953.8	112	37	125	11	-
	<b>Total</b>	<b>14*</b>	<b>526,018.5</b>	<b>444</b>	<b>172</b>	<b>492</b>	<b>60</b>	<b>6</b>

\* The total number of 14 communities is presented without double counting

### 1.4 LARP Implementation Planning and Overall Implementation Status

11. As defined by LARP, its implementation has to be carried out in "section by section" principle to simplify the implementation process in terms of deadlines to be met under the Law, as well as for the commencement of construction. According to the Construction Contracts, each handed over section shall have min 2km length. Thus, the LARP implementation has been divided into 3 Phases. Notably, each Phase includes land plots (sections) from each Lot (Contractor). Construction works will be started only in areas where LARP implementation is fully completed.
12. The principles and basis of division of LARP Phases are presented below:
- (i) the number of affected land plots (both private and community-owned),
  - (ii) number of total AHs,
  - (iii) number of AHs to be relocated

<sup>2</sup> The Numbers of AH and APs are presented without double counting.

- (iv) number of legalization and cadastral correction cases,
- (v) progress of utility relocation
- (vi) construction priorities

13. The status of LARP implementation Phases per Lots is presented below in tables 3.1, 3.2 and 3.3 (the percentages indicated in the tables show the portion of each phase in terms of LAR-completed road section in length (m)). The detailed LARP implementation Scheme is attached in Annex 2.

**Table 3.1 Status of LARP Implementation Phases, Lot 1**

Construction section, KM/m	Chainage, KM	Length, m	LARP Implementation Phase	Involved communities
Lot 1 (km 38+450-km 48+140), 9690m	38+450-39+600	1150	Phase 1	Tumanyan, Aygehat, Odzun, Alaverdi
	39+600-39+750	150	Phase 2	
	39+750-42+100	2350	Phase 1	
	42+100-43+800	1700	Phase 2	
	43+800-43+850	50	Phase 3	
	43+850-46+000	2150	Phase 2	
	46+000-47+030	1030	Phase 3	
	47+030-47+065	35	Under expropriation	
	47+065-47+540	475	Phase 3	
	47+540-47+670	130	Under expropriation	
	47+670-47+780	110	Phase 3	
	47+780-47+900	120	Under expropriation	
	47+900-48+140	240	Phase 2	
<b>Construction starts</b>		<b>3500</b>	<b>Phase 1</b>	
<b>Construction starts</b>		<b>4240</b>	<b>Phase 2</b>	
<b>LARP implementation completed</b>		<b>1665</b>	<b>Phase 3</b>	
<b>Under expropriation</b>		<b>285</b>	<b>Phase 3, Under expropriation (2.94%)</b>	

**Table 3.2 Status of LARP Implementation Phases, Lot 2**

Construction section, KM/m	Chainage, KM	Length, m	LARP Implementation Phase	Involved communities
Lot 2 (km 48+140-km 62+300), 14160m	48+140-48+935	795	Phase 2	Alaverdi, Aqori, Haghpat
	48+935-49+060	125	Under expropriation	
	49+060-49+510	450	Phase 3	
	49+510-49+540	30	Under expropriation	
	49+540-49+705	165	Phase 3	
	49+705-50+670	965	Phase 2	
	50+670-53+250	2580	Phase 1 (LAR-free section)	
	53+250-54+515	1265	Phase 2	
	54+515-54+540	25	Under expropriation	
	54+540-54+695	155	Phase 3	
	54+695-54+825	130	Under expropriation	
	54+825-56+050	1225	Phase 2	
	56+050-56+135	85	Phase 3	
	56+135-56+280	145	Under expropriation	

Construction section, KM/m	Chainage, KM	Length, m	LARP Implementation Phase	Involved communities
	56+280-56+450	170	Phase 3	
	56+450-56+475	25	Under expropriation	
	56+475-57+300	825	Phase 3	
	57+300-58+540	1240	Phase 2	
	58+540-58+780	240	Under expropriation	
	58+780-60+745	1965	Phase 3	
	60+745-60+810	65	Under expropriation	
	60+810-62+300	1490	Phase 2	
<b>Construction starts</b>		<b>2580</b>	<b>Phase 1</b>	
<b>Construction starts</b>		<b>6980</b>	<b>Phase 2</b>	
<b>LARP implementation completed</b>		<b>3815</b>	<b>Phase 3</b>	
<b>Under expropriation</b>		<b>785</b>	<b>Phase 3, Under expropriation (5.54%)</b>	

**Table 3.3 Status of LARP Implementation Phases, Lot 3**

Construction section, KM/m	Chainage, KM	Length, m	LARP Implementation Phase	Involved communities
<b>Lot 3 (km 62+300-km 90+191), 27891m</b>	62+300-64+710	2410	Phase 2	Haghpat, Neghots, Akhtala, Shnogh, Artchis
	64+710-64+895	185	Phase 3	
	64+895-64+900	5	Under expropriation	
	64+900-66+340	1440	Phase 2	
	66+340-66+480	140	Phase 3	
	66+480-67+850	1370	Phase 2	
	67+850-68+070	220	Under expropriation	
	68+070-71+340	3270	Phase 2	
	71+340-71+670	330	Phase 3	
	71+670-71+710	40	Under expropriation	
	71+710-72+450	740	Phase 3	
	72+450-72+475	25	Under expropriation	
	72+475-72+575	100	Phase 3	
	72+575-72+905	330	Under expropriation	
	72+905-75+520	2615	Phase 3	
	75+520-75+595	75	Under expropriation	
	75+595-75+860	265	Phase 3	
	75+860-76+250	390	Under expropriation	
	76+250-90+191	13941	Phase 1 (LAR-free section)	Ayrum, Haghtanak, Ptghavan and Bagratashen
<b>Construction starts</b>		<b>13941</b>	<b>Phase 1</b>	
<b>Construction starts</b>		<b>8490</b>	<b>Phase 2</b>	
<b>LARP implementation completed</b>		<b>4375</b>	<b>Phase 3</b>	
<b>Under expropriation</b>		<b>1085</b>	<b>Phase 3, Under expropriation (3.89%)</b>	

14. The LARP implementation in Phase 1 and 2 has been completed and the respective CRs have been approved by ADB and consequently the LAR-completed sections have been handed over to the Contractors as presented in the table 3.4 below.

**Table 3.4 LAR-completed handed over sections per Phases (Lot 1, 2, 3)**

LARP implementation Phase	CR approval by ADB	Handover of section to the Contractors	Length of handed over sections for all 3 Lots (m)
Phase 1	May-18	Jun-18	20021
Phase 2	Oct-18	Oct-18	19710
<b>Total</b>			<b>39731</b>

15. This LARP Implementation Completion Report (CR) is covering the Phase 3 of LARP implementation in Lot 1 with demonstration of its compliance with approved LARP and SPS 2009, as well as clear indication of changes emerged during the implementation process. The CR will be disclosed on the TPIO's website after approval by ADB. The summary of the corrective action plan (if any) will be disclosed in the respective communities.

### 1.5 Legal Framework and Entitlements for Compensation

16. Involuntary acquisition of property (for the society and public needs) in Armenia is feasible only in the case of GoA recognizing (by a Decree) it as exclusive prevailing public interest as prescribed by the legislation. The acquisition grounds, compensation procedures and other relevant provisions are defined by the RA Law on Property Alienation for the Public and State Needs. Notably, the Law covers properties of both physical and legal entities, as well as all property right objects that are owned by the communities (local governments). The GoA decree on Eminent Domain for the Project has been adopted and came into force on November 25, 2017 which serves as a legal basis for initiation of the land acquisition procedures.
17. In all cases when the ADB SPS requirements are stricter than the RA legislation, requirements of ADB policies were applied. The evaluation of land plots and structures affected by the Project are based on the principle of replacement cost.
18. Thus, the following are eligible for compensation for project impact in compliance with Entitlement matrix defined by the Project's LARP:
- 1) For the loss of **land** –the land plot owners, legalizable persons, leaseholders or other property right holders (servitude, construction permit, loan, mortgage, use rights),<sup>3</sup>
  - 2) For the loss of **residential houses or structures** on land plots – all AHs regardless of the rights towards the building/structure; relocated tenants,
  - 3) For the loss of **non-residential buildings or structures** on land plots – owners, APs who constructed without a permit, relocated tenants (with defined conditions)
  - 4) For the loss of **crops, trees and expected harvest** - all AHs regardless of the rights towards the land or any other property right holder,
  - 5) For the cases of **loss of business** – all APs regardless of the submission of a tax declaration,
  - 6) For the loss of **employment** – persons working in affected businesses or hired by individual entrepreneurs (IE)based on an employment contract,
  - 7) For the **severe Project impact** – All AHs/APs that lost more than 10% of agricultural land or were relocated, including those who do not have any residence status,
  - 8) For the loss of **public property** – the community,
  - 9) **Rehabilitation Allowances** – to all AHs below the poverty line, as well as headed by women, elderly or disabled,
  - 10) **Relocation Allowance** – all APs (transportation expenses for relocation and living expenses),
  - 11) For **temporary impact** – all APs,
  - 12) For **unforeseen impacts**– all APs/AHs eligible for compensation,

<sup>3</sup> Informal tenants are entitled to compensation only for existing improvements on land.

- 13) For **improvements**– (not included in points above, but existing on the affected land plot (except for movable property)) – all APs that made improvements.
19. Compensation rights are limited by the cut-off date which is the date when the Description protocols on the acquired land are prepared (signing the Protocols by the APs, MTCIT and Acquirer). The Description protocols contain the data on Census, Detailed measurement survey (DMS) and Inventory of Assets.
20. Given the fact, that on the moment of preparation of the LARP, the GoA decree on Eminent domain has been adopted but hadn't come into force, the signing of property description protocols have been started after the approval of the LARP before the start of LARP implementation. Thus, the cut-off date for the Project is April 5, 2018.
21. During the signing of property description protocols with APs the inventory of affected assets has been verified by the APs, so the protocols have been adjusted and the compensation has been recalculated and compensated accordingly.

## **1.6 Monitoring of LARP Implementation**

### **a) Monitoring objective and scope**

22. LARP implementation is routinely be monitored internally by the TPIO, with outcomes reported to ADB in the Quarterly Progress Reports (QPR), as well as in Semi-annual Social Monitoring Reports (SSMR) prepared by TPIO. The key objective is to ascertain the compliance of LARP implementation, including the delivery of compensation and allowances, consultation and grievance redress.

### **b) Internal Monitoring Methodology**

23. The internal monitoring benchmarks are:
- (i) Impact changes during the signing of property description protocols and/or LARP implementation and update of census and compensation data accordingly, if any
  - (ii) Status of land acquisition and payments on land compensation;
  - (iii) Payment of compensation for affected structures and other assets;
  - (iv) Relocation of APs;
  - (v) Payments for loss of income;
  - (vi) Payment of allowances, resettlement benefits, relocation assistance;
  - (vii) Provision of assistance;
  - (viii) Income and/or livelihood restoration activities;
  - (ix) LAR gender provisions; and
  - (x) Operation of Grievance redress mechanism.
24. Internal monitoring data has been collected through the following methods:
- (i) Desk review and verification of census and entitlement data for the APs during and as a result of implementation;
  - (ii) Desk review and verification of delivery of compensation to all AHs in acquisition contracts vis-à-vis the amount defined in the LARP
  - (iii) Consultation and informal interviews with APs; and
  - (iv) The grievance redress register;
  - (v) Desk review of other related documents.
25. The methodological basis for the preparation of this CR was the desk review of all LARP implementation procedures carried out by the Social Safeguards Support Consultant (SSSC). During the performed desk reviews the following documents were studied:

- **Description Protocols signed by APs**, including the description of the affected assets for each AP, i.e. description of land plots and crops/trees; description of structures/buildings and real estate; description of business and company;
  - **Valuation Reports**, with detailed representation of the results of assets subject to acquisition by licensed valuers;
  - **Reports on Rehabilitation Allowance Size Determination**, where licensed valuers present the calculation of rehabilitation allowances for Severe Project impact and Socially vulnerable APs/AHs;
  - **Contracts on Acquisition of Property for Public and State Purposes**, where together with all the required provisions lot-code, surface, compensation amount and bank account, and the person's name (owner, leaseholder, informal tenant) are clearly mentioned;
  - **Payment documents for the Property Acquisition Contracts and Agreements** (Payment Agreements) indicating compensation objective, date, amount, bank account, person;
  - **Progress Monitoring Reports by SSSC**: TPIO has studied the Progress Monitoring Reports prepared by the SSSC responsible for full implementation of LARP.
  - **Other documents and datasets**. TPIO has studied the periodically updated database by SSSC. The existing databases were analysed, as well as data on assets and relating documents and information on AHs/APs were compared /reconciled.
26. The 100% of documents and profiles of APs, as well as payment orders in Phase 3 section were studied. Existence of all contracts, agreements and payment orders were checked, moreover, data contained in them were checked for adequacy and compliance, in particular: i) signatures of all owners, ii) compliance of compensation and additional compensation amounts, iii) adequacy of bank accounts, iv) compliance of notary verification dates of documents (activities implementation) to the existing procedure (implementation schedule).
  27. The process of APs notification, as well as Grievance Redress mechanisms were studied in detail through desk survey and informal consultations with APs (phone calls).
  28. Data and information collected from various sources were analysed and collated: these allowed to evaluate the process, verify and cross-check the fact of compensation received, as well as identify existing problems and omissions. If necessary, the APs were directly contacted to make additional corrections.
  29. All the impact and compensation changes emerged during the signing of property description protocols and/or LARP implementation and update of census and compensation data have been carefully verified and are reflected in this CR.
  30. The used methodology and the results of internal monitoring allowed drawing conclusions on data accuracy, completeness and validity of APs and their assets, volumes of compensations and delivery process compliance and efficiency.

## II. LARP Implementation Procedures and Results in Phase 3, Lot 1

31. The Social Safeguards Support Consultant (Altavip LLC) is responsible for full implementation of the LARP, including the expropriation phase. The SSSC recruited by TPIO consists of the following specialists: team leader, lawyers, Sociologists/social development specialists, Field work implementers and a database specialist, to carry out LARP implementation activities.
32. The TPIO has a Social Impact Management Service consists of three specialists, as well as a Legal unit (hereafter Resettlement Coordination Team (RCT)). The SSSC is directly coordinated by the RCT.
33. The Phase 3 covers the areas next to Alaverdi and Odzun communities (see the Table 4 below).

**Table 4. The scope of LAR-completed Phase 3 section, Lot 1**

Construction Section	Chainage, KM	Length, m	Plots, N	AHs, N	Community
Lot 1	43+800-43+850	50	48	26*	Odzun, Alaverdi
	46+000-47+030	1030			
	47+065-47+540	475			
	47+670-47+780	110			

\* Including also the AHs with "non-land improvements" (users)

## 2.1 LARP Implementation Preparatory activities

34. LARP implementation has actually started in March-April 2018. Prior the LARP implementation, the following preparatory activities were carried out by the SSSC/TPIO within the LARP implementation:
- signing of property description protocols with APs, including the verification and adjustments of impacts
  - consultations with regional notarial, cadastral services on the further organization of acquisition contracts and agreements signing, cadastral registrations and court proceedings (if any),
  - preparation of notification of signed property description protocols
  - preparation of notification of draft acquisition contracts and agreements
  - preparation of information leaflets for the notifications of all stages of LARP implementation (notification of signed protocol, notification of draft acquisition contract and agreement, notification on depositing and notification of court proceeding)
35. Initial consultations with affected communities on coming implementation (including the disclosure of LARP document and brochures) has been carried out. The heads of affected communities have been informed on the stages and schedule of LARP implementation process upon the start. The LARP information brochure has been disclosed to all the APs and/or community members.
36. Here are the logical steps of notification, land acquisition and compensation process carried out by SSSC/TPIO:
- Notification of signed protocol of affected land plot to APs;
  - Notification of draft contracts, including the disclosure of LARP Information brochure and Information leaflet;
  - Meetings with the APs (owners/co-owners, leaseholders, not registered land users on individual basis
  - Discussions concerning issues of APs, provide APs with legal advice and assistance if needed (in parallel the implementation of legalization plan).
  - Checking, updating of the necessary documents for signing of acquisition contract, where needed.
  - Implementation of legalization and cadastral correction actions
  - Preparation of the necessary documents for notary (regional) for making the final acquisition contracts
  - Organization of acquisition contract signing with APs by notary ratification (depending from the organizational requirements it can be organized in the community administrative offices).
  - Provision of state registration application for the signed contracts to regional cadastre office.
  - Receipt of real estate ownership certificate registered in the name of Republic of Armenia.

## 2.2 Notification and Public Consultation

37. Upon the completion of LARP preparatory actions, the notification of signed protocols and draft acquisition contracts to APs were started in April 17, 2018 and continued in May and June (details are shown table 5 below). According to the local legislation, the draft acquisition contracts to APs

shall be signed within 3 months after the notification, otherwise, the court expropriation process will be initiated by TPIO.

**Table 5. The Schedule of Notification of draft acquisition contracts in Phase 3, Lot 1**

Construction Section	Notification date	Number of notification cases (land plots)	No of notified AHs	The notified communities
Lot 1	17/04/2018	11	8	Odzun, Alaverdi
	24/05/2018	15	4	
	30/05/2018	6	1	
	19/06/2018	13	8	
	29/06/2018	1	1	
	<b>Total</b>	<b>46</b>	<b>22</b>	

\* 6 AHs have been notified both at 17/04/ and 19/06/ of 2018

38. Together with the notification of draft acquisition contracts, also the LARP Information brochure has been provided<sup>4</sup>. Besides, the notification letter included the special Information leaflet with detailed description of land acquisition and compensation payment procedures, rights and obligation of APs and acquired and contact details of implementation specialists.
39. Consultation and assistance were given to APs in all legal and organizational issues on day to day basis during whole Implementation process.
40. Actions taken as part of dissemination of information included the followings:
  - Notification of APs in accordance with the legislation: (i) provision of notification on recognizing the prevailing public interest, (ii) land plot layout, (iii) Description Protocol, (iv) draft Acquisition Contract,
  - Development and dissemination of information leaflets (includes information of the rights and responsibilities of parties, compensation calculation principles, process of signing the contract and receiving compensation, acquisition process thought depositing the compensation amount, as well as grievance redress mechanism),
  - Publication and dissemination of Project Information Brochure,
  - Publication of final LARP on Project's website.

### 2.3 LARP implementation results in Phase 3 of Lot 1

41. The LARP implementation results per each type of impact/compensation are presented in the subsections below (excluding expropriation cases). There are 7 ongoing expropriation cases initiated (depositing, preparation of court suits) in Phase 3 of Lot 1. The details are given in the section IV of this report and the list of these cases is provided in Annex 5.

#### a) Permanent Loss of Land

42. As per the approved LARP, the scope of the Project impact under Phase 3 entails 48 land plots, including 2 state-owned, 41 community and 5 private plots with total size of 11,754.20 sq.m land taken for project needs, which makes 22% of total affected land plots in Lot 1 and 10.8% of total under M6 project.
43. As a result of implementation, there were changes in ownership status of land plots, as well as in number of AHs/APs due to legalization and cadastral corrections, as well as identification of new land users who couldn't be identified within the LARP due to limitations described in the LARP (see the section 2.2 of the approved LARP). The general description of changes during the LARP implementation is presented below and the comparison of the LARP-planned and actual implementation data per type of land plots and communities is presented below in the tables 6 and 7. The changes in types and numbers of improvements (crops, trees, buildings etc.) are also

<sup>4</sup> The LARP information brochure is the Appendix 6 of the LARP.

emerged during the implementation due to verification of improvements during the signing of property description protocols with APs (details are presented in the next sections of this report).

44. Changes in ownership status of affected land plots: As a result of implementation, the total number of acquired land plots, as well as the surface haven't been changed. Thus, in total 46 land plots have been acquired and compensated (excluding the 2 state-owned land plots (1,154.00sq.m), which are not subject for acquisition, but only compensation has been provided to one user of those land plots for his affected improvements). As a result of legalization and cadastral corrections carried out during the implementation, the following changes in ownership status of affected land plots have been emerged:

- (i) The 7 land plots with LARP-reported status "resident's land or private land without registered ownership" (unidentified owners) have become community-owned lands. The changes in ownership status has been carried out based on the respective decrees adopted by community councils which then have been registered in cadaster. Meantime, as a result of legalization, the owners of 2 other land plots have been identified and properly registered their rights towards the land plots and compensated accordingly. All land plots are in Aygehat community.
- (ii) One of the LARP-reported "unidentified" private land has become community land (Alaverdi) due to corrected data provided by cadaster during the implementation.

**Table 6. Affected Land plots and Affected Land users per communities in Phase 3, lot 1**

Item: Permanent loss of land	Plots, N	Area, sq.m.	Private AHS, N	Informal Tenant AHS, N	Total AHS, N
<b>a. Planned under LARP</b>					
State land	2	1,154.00	-	1	1
Community land	33	9,438.20	-	12	12
Private land	12	1,114.20	10	-	10
Non-identified land	1	47.80	-	-	-
<b>a.Total</b>	<b>48</b>	<b>11,754.20</b>	<b>10 *</b>	<b>13</b>	<b>20**</b>
<b>b. Implementation tallies</b>					
State land	2	1,154.00	-	1	1
Community land	41	9,948.30	-	17	17
Private land	5	651.90	7	-	7
Non-identified land	-	-	-	-	-
<b>b.Total</b>	<b>48</b>	<b>11,754.20</b>	<b>7***</b>	<b>18</b>	<b>24****</b>
<b>Difference (b-a)</b>					
State land	0	0	0	0	0
Community land	8	510.1	0	5	5
Private land	-7	-462.3	-3	0	-3
Non-identified land	-1	-47.8	0	0	0
<b>b-a.</b>	<b>0</b>	<b>0</b>	<b>-3</b>	<b>5</b>	<b>4</b>
<b>a. Planned under LARP</b>					
Odzun	21	7,409.20	1	8	9
Alaverdi	27	4,345.00	9	5	14
<b>a.Total</b>	<b>48</b>	<b>11,754.20</b>	<b>10</b>	<b>13</b>	<b>20</b>
<b>b. Implementation tallies</b>					
Odzun	21	7,409.20	1	10	11
Alaverdi	27	4,345.00	6	8	14
<b>b.Total</b>	<b>48</b>	<b>11,754.20</b>	<b>7</b>	<b>18</b>	<b>24</b>

Item: Permanent loss of land	Plots, N	Area, sq.m.	Private AHs, N	Informal Tenant AHs, N	Total AHs, N
<b>Difference (b-a)</b>					
Odzun	0	0	0	2	2
Alaverdi	0	0	-3	3	0
<b>b-a.</b>	<b>0</b>	<b>0</b>	<b>-3</b>	<b>5</b>	<b>4</b>

\* There are 2 private AHs who own 2 private land plots.

\*\* There are 2 AHs using both private and community land plot and 1 AH using both community and RA land plot

\*\*\* There are 3 private AHs on 1 private land plot

\*\*\*\* There is 1 AH using both community and RA land plot

45. Changes in legal status of AHs: As a result of implementation, the total number of AHs has been justified and increased by 4 amounted to 24 in compare with the LARP-reported 20. The changes in number and legal status of AHs were emerged due to legalization and cadastral corrections, as well as due to identification of new illegal users during the implementation as follows:

- (i) Two new land users have been identified on one affected community land in Odzun whose improvements have been calculated and compensation has been provided accordingly.
- (ii) 1 owner (1AH) has been reported on the private land plot with cadastral code: 06-002-0198-0141 in the LARP. During the implementation new ownership certificate with 4 owners belonging to 3 AHs have been registered.
- (iii) 10 AHs which were considered as private land owners, as they were potentially legalizable, however haven't registered their rights due to lack of legal grounds, the lands have become community-owned lands, and they have been considered as illegal users of lands.

#### c) Impact on Buildings/Structures

46. As a result of implementation, 17 buildings/structures (209.80 sq.m.) have been acquired instead of LARP-planned 16 structures (183.40 sq.m). One non-residential building (pool) has been identified with total surface of 26.40 sq.m as a result of inventory verification during the signing of property description protocols with APs. Details on LARP-planned and actual implementation is shown in the table 8 below.

**Table 8: Affected Buildings and Structures in Phase 3, Lot 1**

Item: Affected buildings	Plots, N	No of buildings	Sq.m.	AHs, N	Notes
<b>a. Planned under LARP</b>					
Residential	1	1	48.80	1	
Lodge	1	1	11.50	1	
Support structure with main building	2	3	11.40	2	
Non-residential	9	11	111.70	6	Note 1
<b>a. Total</b>	<b>11</b>	<b>16</b>	<b>183.40</b>	<b>8</b>	Note 2
<b>b. Implementation tallies</b>					
Residential	1	1	48.80	1	
Lodge	1	1	11.50	1	
Support structure with main building	2	3	11.40	2	
Non-residential	10	12	138.10	7	Note 3
<b>b. Total</b>	<b>12</b>	<b>17</b>	<b>209.80</b>	<b>9</b>	Note 4
<b>Difference (b-a)</b>					

Item: Affected buildings	Plots, N	No of buildings	Sq.m.	AHs, N	Notes
Residential	0	0	-	0	
Support structure with main building	0	0	-	0	
Support structure without residential loss	0	0	-	0	
Non-residential	1	1	26.40	1	Note 5
<b>b-a</b>	<b>1</b>	<b>1</b>	<b>26.40</b>	<b>1</b>	

Note 1: The total number of lands is 11 without double counting;

Note 2: The total number of AHs is 8 without double counting

Note 3: The total number of lands is 12 without double counting

Note 4: The total number of AHs is 9 without double counting

Note 5: One non-residential building with total surface of 26.40 sq.m has been identified as a result of inventory verification during the signing of property description protocols with APs.

#### d) Impact on Crops and Trees

47. There were only 19 sq.m. of affected crops on 3 land plots in the completed Phase 3, Lot 1 section cultivated by 1 owner and 2 informal tenants. The crop has been compensated to the users based on provisions of LARP (see table 9.1).

**Table 9.1 Affected crops in Phase 3, Lot 1**

Item: Affected crops	Plots, N	Sq.m	Private AHs, N	Informal Tenant AHs, N	Total AHs, N
<b>a. Planned under LARP</b>					
Community land	-	-	-	-	-
Private land	2	11	2	-	2
<b>a. Total</b>	<b>2</b>	<b>11</b>	<b>2</b>	<b>-</b>	<b>2</b>
<b>b. Implementation tallies</b>					
Community land	2	9	-	2	2
Private land	1	10	1	-	1
<b>b. Total</b>	<b>3</b>	<b>19</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Difference (b-a)</b>					
Community land	2	9	-	2	2
Private land	-1	-1	-1	-	-1
<b>(b-a)</b>	<b>1</b>	<b>8</b>	<b>-1</b>	<b>2</b>	<b>1</b>

48. As a result of implementation, 438 fruit trees and 6,114 bushes have been acquired and compensated instead of the LARP planned 241 trees and 4,843 bushes. Only 1 wood tree has been compensated as planned by LARP. For the decorative trees the changes are as follows: 22 decorative trees acquired against planned 10. The changes are again related to the adjustments of inventory during the signing of property description protocols with APs as well as adjustment of inventory due to new identified informal tenants. All added trees have been evaluated and compensated accordingly (see tables 9.2, 9.3 and 9.4 for details). Meantime, the severity of impact on AH's livelihood due to increase of these changes have been analyzed, identified and compensated in all applicable cases (see the section on severe impact).

**Table 9.2 Affected fruit trees and bushes in Phase 3, lot 1**

Item: Affected trees / bushes	Bushes***				Trees				Total Plots, N	Total AHs, N	Notes
	Plots, N	No	Private AHs, N	Informal Tenant AHs, N	Plots, N	No	Private AHs, N	Informal Tenant AHs, N			
<b>a. Planned under LARP</b>											
Community land	6	3,526	-	5	13	144	-	10	13	10	
Private land	4	1,317	4	-	9	88	9	-	9	9	
State land	-	-	-	-	1	9	0	1	1	1	
<b>a. Total</b>	<b>10</b>	<b>4,843</b>	<b>4</b>	<b>5</b>	<b>23</b>	<b>241</b>	<b>9</b>	<b>11</b>	<b>23</b>	<b>18*</b>	
<b>b. Implementation tallies</b>											
Community land	10	5,072	-	9	27	380	-	17	27	17	
Private land	4	1,042	4	-	5	49	5	-	5	5	
State land	-	-	-	-	1	9	-	1	1	1	
<b>b. Total</b>	<b>14</b>	<b>6,114</b>	<b>4</b>	<b>9</b>	<b>33</b>	<b>438</b>	<b>5</b>	<b>18</b>	<b>33</b>	<b>22**</b>	
<b>Difference (b-a)</b>											
Community land	4	1,546	-	4	14	236	0	7	14	7	
Private land	-	-275	-	-	-4	-39	-4	-	-4	-4	
State land	-	-	-	-	-	-	-	-	-	-	
<b>(b-a)</b>	<b>4</b>	<b>1,271</b>	<b>-</b>	<b>4</b>	<b>10</b>	<b>197</b>	<b>-4</b>	<b>7</b>	<b>10</b>	<b>4</b>	

\* Total number of AHs is 19. There is 1 AH using both community and RA land plots and 1 AH using both community and private land plots

\*\* Total number of AHs is 252. There is 1 AH to be using both community and RA land plots

\*\*\*All AHs and land plots mentioned in "Bushes" section are included in "Trees" section

**Table 9.3 Affected wood trees in Phase 3, Lot 1**

Item: Affected wood trees	Plots, N	No	Private AHs, N	Informal Tenant AHs, N	Total AHs, N
<b>a. Planned under LARP</b>					
Private land	1	1	1	-	1
<b>a. Total</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1</b>
<b>b. Implementation tallies</b>					
Private land	1	1	1	-	1
<b>b. Total</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1</b>
<b>Difference (b-a)</b>					
Private land	-	-	-	-	-
<b>(b-a)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Table 9.4 Affected decorative trees in Phase 3, Lot 1**

Item: Affected decorative trees/bushes	Plots, N	No	Private AHs, N	Informal Tenant AHs, N	Total AHs, N
<b>a. Planned under LARP</b>					
Community land	1	2	-	1	1
Private land	3	8	3	-	3
<b>a. Total</b>	<b>4</b>	<b>10</b>	<b>3</b>	<b>1</b>	<b>4</b>

Item: Affected decorative trees/bushes	Plots, N	No	Private AHs, N	Informal Tenant AHs, N	Total AHs, N
<b>b. Implementation tallies</b>					
Community land	6	21	-	6	6
Private land	1	1	-	1	1
<b>b. Total</b>	<b>7</b>	<b>22</b>	<b>-</b>	<b>7</b>	<b>7</b>
<b>Difference (b-a)</b>					
Community land	5	19	-	5	5
Private land	-2	-7	-3	1	-2
<b>(b-a)</b>	<b>3</b>	<b>12</b>	<b>-3</b>	<b>6</b>	<b>3</b>

**e) Relocation**

49. There were no relocated AHs in Phase 3 of Lot 1. The one acquired residential building is uninhabited.

**f) Impact on Business and Employment**

50. There were no affected business and employees in Phase 3 of Lot 1.

**g) Impact on Improvement, Fences and Moveable assets**

51. During the implementation, some changes have been emerged in identified improvements included in LARP due to inventory verification during the signing of property description protocols and identified new users. All the new identified improvements have been evaluated and compensated accordingly. As a result, 14 sq.m, 485m and 6 unit of improvements located on 14 land plots have been acquired and compensated to 10 AHs (see table 10.1 below). Meantime, during the implementation new fences with 28 sq.m have been also identified and compensated to 2 AH, thus the total acquired and compensated surface of fences amounts to 585 sq.m on 13 land plots (10AHs) instead of planned 5,577 sq.m on 12 land plots (8 AHs) (see table 10.2).

52. One AH has been compensated with transportation costs for the affected movable asset (metal kiosk) on his land plot in accordance with LARP (see table 10.3).

**Table 10.1 Impact on Improvements in Phase 3, Lot 1**

Item: Affected Improvements	Plots, N	Sq.m.	Length	Number	AHs, N
<b>a. Planned under LARP</b>					
Community land	8	-	205	5	7
Private land	4	10	116	1	4
State land	1	-	70.00	-	1
<b>a. Total</b>	<b>13</b>	<b>10</b>	<b>391</b>	<b>6</b>	<b>11*</b>
<b>b. Implementation tallies</b>					
Community land	11	4	355	6	8
Private land	2	10	60	-	2
State land	1	-	70	-	1
<b>b. Total</b>	<b>14</b>	<b>14</b>	<b>485</b>	<b>6</b>	<b>10**</b>
<b>Difference (b-a)</b>					
Community land	3	4	150	1	1
Private land	-2	-	-56	-1	-2

Item: Affected Improvements	Plots, N	Sq.m.	Length	Number	AHs, N
State land	-	-	-	-	-
<b>b-a</b>	<b>1</b>	<b>4</b>	<b>94</b>	<b>-</b>	<b>-1</b>

\* There is 1 AH using both community and RA land plots

\*\* There is 1 AH using both community and RA land plots

**Table 10.2 Impact on Fences in Phase 3, Lot 1**

Item: Affected Fence	Plots, N	Sq.m.	AHs, N
<b>a. Planned under LARP</b>			
Community land	5	230	4
Private land	7	327	5
State land	-	-	-
<b>a. Total</b>	<b>12</b>	<b>557</b>	<b>8</b>
<b>b. Implementation tallies</b>			
Community land	10	457	7
Private land	3	128	3
State land	-	-	-
<b>b. Total</b>	<b>13</b>	<b>585</b>	<b>10</b>
<b>Difference (b-a)</b>			
Community land	5	227	3
Private land	-4	-199	-2
State land	0	0	0
<b>b-a</b>	<b>1</b>	<b>28</b>	<b>2</b>

8\* Total number of AHS is 8. There is one AH to be using both community and private land plots

**Table 10.3 Affected moveable assets in Phase 3. Lot 1**

Type of Affected Structures	Buildings	Trip	Unit cost	Total for compensation
	No	No	AMD	AMD
<b>a. Planned under LARP</b>				
Kiosk (metal)	1	1	90,000.00	90,000.00
<b>b. Implementation tallies</b>				
Kiosk (metal)	1	1	90,000.00	90,000.00
<b>Difference (b-a)</b>				
Kiosk (metal)	0	0	0	0

#### **h) Impact on Socially Vulnerable AHs and Severe Impact**

53. During the LARP implementation the number of vulnerable AHs increased by 2 AHs in compare with planned 4 AHs: one of the new identified vulnerable AHs has not been available for census during the LARP preparation, while the other one has been identified due to identified new AH (cadastral verification of ownership). As a result, 6 vulnerable AHs have been paid with rehabilitation allowance in amount of 330.000 AMD equal to 6 months minimum salary (55.000 AMD), of which: 1 poor AH, 4 women headed and 3 elderly headed AHs (there is one AH is both poor and woman headed, and one AH is both woman and elderly headed HH).
54. As a result of LARP implementation, the number of severally affected AHs has been also increased by 1 AH (inventory verification) in compare with the planned under the LARP as shown

in table 11, as a result, 12 AHs have been paid with rehabilitation allowance equal to one-year yield compensation for their agricultural income generated assets.

**Table 11. Impact on Vulnerable and Severely AHs in Phase 3, Lot 1**

Lot 1, Phase 3	Vulnerable AHs, N	Severely AHs, N
	<b>a. Planned under LARP</b>	
	4	11
	<b>b. Implementation tallies</b>	
	6	12
	<b>Difference (b-a)</b>	
	2	1

**i) Process of Compensation Provision**

- 55. Payment of compensation is due to be made within 14 days of signing acquisition contracts. The amounts have been transferred to the bank accounts of APs. According to the LARP provisions, if an AP does not have a bank account, the bank account should be opened for him/her under the Project. As Converse Bank Closed Joint-Stock Company (OJSC) proposed the most favourable terms and conditions (geographical location and absence of transaction charges), it was selected for M6 project as a bank, where accounts of the APs will be opened. At the same time, some of the APs used their accounts as well, on request.
- 56. During the LARP implementation, bank accounts have been opened for all APs, except of those who requested to transfer the money to their existing accounts.
- 57. Contracts that were signed with APs, included all compensation units/items as well as all allowances envisaged by the LARP and valuation reports.
- 58. The total cost of LARP implementation in Lot 1 under Phase 3, including the costs for registration services, amounted to **124,542,168.15 AMD** instead of planned **97,597,456.85 AMD** (additional cost: 26,944,711.30 AMD). Paid budget exceeded planned budget because of changes of the volume of impacts which are described in details in section **2.3 LARP implementation results in Phase 3 of Lot 1**, which covers all lands, trees, crops, improvements, fences, vulnerability and severe impacts. It should be noted, that the unit rates have not been revised in comparison to the approved LARP.
- 59. Table 12 summarizes and reflects all the compensations and allowances including vulnerability and sever impact allowances in Phase 3 of Lot 1, as well as presents comparison of planned and actual LARP implementation budgets for this section.

**Table 12. Comparison of LARP planned impact and budget versus the actual implementation tallies in Phase 3 of Lot 1**

Item	Planned under LARP					Implementation tallies					Difference (b-a)					Note
	N	Sqm	Length m	Compensation amount, AMD	AHs, N	N	Sqm	Length m	Compensation amount, AMD	AHs, N	N	Sqm	Length m	Compensation amount, AMD	AHs, N	
	a.					b.					b-a					
<b>1. Land</b>																
State land	2	1,154.00	-	-	1	2	1,154.00	-	-	1	0	-	-	-	0	
Community land	33	9,438.20	-	12,585,677.05	12	41	9,948.30	-	13,665,706.45	17	8	510.10	-	1,080,029.40	5	
Private land	12	1,114.20	-	2,345,694.10	10	5	651.90	-	1,347,570.00	7	-7	- 462.30	-	- 998,124.10	-3	
Non-identified land	1	47.80	-	81,905.30	-	-	-	-	-	-	-1	- 47.80	-	- 81,905.30	-	
<b>1. Subtotal</b>	<b>48</b>	<b>11,754.20</b>	<b>-</b>	<b>15,013,276.45</b>	<b>20</b>	<b>48</b>	<b>11,754.20</b>	<b>-</b>	<b>15,013,276.45</b>	<b>24</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	
<b>2. Structures and buildings</b>																
Residential	1	48.80	-	11,611,228.00	1	1	48.80	-	11,611,228.00	1	0	-	-	-	0	
Lodge	1	11.50	-	1,830,340.00	1	1	11.50	-	1,830,340.00	1	0	-	-	-	0	
Support structure with main building	3	11.40	-	690,759.00	2	3	11.40	-	690,759.00	2	0	-	-	-	0	
Non-residential	11	111.70	-	13,778,736.00	6	12	138.10	-	15,384,464.00	7	1	26.40	-	1,605,728.00	1	
<b>2. Subtotal</b>	<b>16</b>	<b>183.40</b>	<b>-</b>	<b>27,911,063.00</b>	<b>8</b>	<b>17</b>	<b>209.80</b>	<b>-</b>	<b>29,516,791.00</b>	<b>9</b>	<b>1</b>	<b>26.40</b>	<b>-</b>	<b>1,605,728.00</b>	<b>1</b>	
<b>3. Trees, crops</b>																
Fruit trees/bushes	5084	-	-	27,927,477.40	18	6552	-	-	47,463,580.70	22	1468	-	-	19,536,103.30	4	
Wood trees	1	-	-	1,890.00	1	1	-	-	1,890.00	1	0	-	-	-	0	
Decorative trees	10	-	-	22,900.00	4	22	-	-	78,900.00	7	12	-	-	56,000.00	3	
Crops	-	11.0	-	5,760.00	2	-	19.0	-	12,990.00	3	0	8.00	-	7230	1	
<b>3. Subtotal</b>	<b>5095</b>	<b>0.0</b>	<b>-</b>	<b>27,958,027.40</b>	<b>18</b>	<b>6575</b>	<b>0.0</b>	<b>-</b>	<b>47,557,360.70</b>	<b>22</b>	<b>1480</b>	<b>0.0</b>	<b>-</b>	<b>19,599,333.30</b>	<b>4</b>	
<b>4. Fence</b>																
Fences	-	557.00	-	11,178,440.00	9	-	585.0	-	11,571,130.00	10	-	28.00	-	392,690.00	1	
<b>4. Subtotal</b>	<b>-</b>	<b>557.00</b>	<b>-</b>	<b>11,178,440.00</b>	<b>9</b>	<b>-</b>	<b>585.0</b>	<b>-</b>	<b>11,571,130.00</b>	<b>10</b>	<b>-</b>	<b>28.00</b>	<b>-</b>	<b>392,690.00</b>	<b>1</b>	
<b>5. Improvements</b>																
Improvements	6	10.00	391.00	1,871,500.00	11	6	14.00	485.00	10,741,000.00	10	-	4.00	94.00	8,869,500.00	-1	
<b>5. Subtotal</b>	<b>6</b>	<b>10.00</b>	<b>391.00</b>	<b>1,871,500.00</b>	<b>11</b>	<b>6</b>	<b>14.00</b>	<b>485.00</b>	<b>10,741,000.00</b>	<b>10</b>	<b>-</b>	<b>4.00</b>	<b>94.00</b>	<b>8,869,500.00</b>	<b>-1</b>	
<b>6. Transportation</b>																
Transportation	1	-	-	35,250.00	1	1	-	-	35,250.00	1	0	-	-	0	0	
Movable assets	1	7.70	-	90,000.00	1	1	7.70	-	90,000.00	1	0	-	-	0	0	
<b>6. Subtotal</b>	<b>2</b>	<b>7.70</b>	<b>-</b>	<b>125,250.00</b>	<b>2</b>	<b>2</b>	<b>7.70</b>	<b>-</b>	<b>125,250.00</b>	<b>2</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>0</b>	
<b>9. Vulnerability</b>																
Vulnerability	3	-	-	990,000.00	3	3	-	-	990,000.00	3	0	-	-	-	0	
<b>9. Subtotal</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>990,000.00</b>	<b>3</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>990,000.00</b>	<b>3</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0</b>	
<b>10. Severe</b>																
Severe impact	18	-	-	4,661,270.00	11	19	-	-	4,559,030.00	12	1	-	-	- 102,240.00	1	
Non-land improvement	2	-	-	718,130.00	2	2	-	-	724,330.00	2	0	-	-	6,200.00	0	
<b>10. Subtotal</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>5,379,400.00</b>	<b>11</b>	<b>19</b>	<b>-</b>	<b>-</b>	<b>5,283,360.00</b>	<b>12</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>- 96,040.00</b>	<b>1</b>	
<b>11. Registration costs</b>																
Cadastral	-	-	-	4,532,500.00	-	-	-	-	3,744,000.00	-	-	-	-	- 788,500.00	-	
Notarial	-	-	-	2,330,000.00	-	-	-	-	148,500.00	-	-	-	-	- 2,181,500.00	-	
Court	-	-	-	308,000.00	-	-	-	-	-	-	-	-	-	- 308,000.00	-	
<b>11. Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,170,500.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,744,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>- 3,426,500.00</b>	<b>-</b>	
<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>97,597,456.85</b>	<b>22</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>124,542,168.15</b>	<b>26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,944,711.30</b>	<b>4</b>	

60. Tables 13 and 14 presented below provide more detailed information on vulnerability and severe impact allowances paid in full in addition to the compensation amounts.

**Table 13. Paid allowances for socially vulnerable AHs in Phase 3, Lot 1**

Item: Vulnerability	Poor AHs, N	Woman headed AHs, N	Elderly headed AHs, N	Disabled headed AHs, N	Total Vulnerable AHs	Compensation, AMD
a. Planned under LARP	-	2	2	-	4	1,320,000.00
b. Implementation tallies	1	4	3	-	6*	1,980,000.00
<b>Difference (b-a)</b>	1	2	1	0	2	660,000.00
* Total number of AHs is 6. There is one AH is both Poor and Woman Headed and one AH is both Woman and Elderly Headed HH.						

**Table 14. Paid allowances for severe impact in Phase 3, Lot 1**

Item: Severe Impact	Plots, N	AHs, N	Compensation, AMD
a. Planned under LARP	18	11	4,661,270.00
b. Implementation tallies	19	12	4,559,030.00
<b>Difference (b-a)</b>	1	1	- 102,240.00

### III. Implementation of Legalization and Cadastral Correction Plan in Phase 3, Lot 1

61. Within the LARP implementation, the SSSC/TPIO has carried out the implementation of Legalization and Cadastral Correction Plan defined by LARP in the Phase 3 section (10 cases in total). The actions and procedures are being carried out within the LARP implementation in accordance to RA legislation to solve the below listed issues (defined in the chapter H of LARP<sup>5</sup>). The APs have been fully consulted and assisted by SSSC/TPIO, moreover, all legalization and cadastral correction costs have been covered by LARP budget. The details on solved cases are described in Table 15 below.

**Table 15. Description of Legalization and cadastral correction cases and actions implemented in Phase 3, Lot 1**

Community	No of land plots	Cadastral lot-code	Owner per LARP	Informal tenant/ renter/owner	Legalization/correction Actions
<b>Issues related to the not registered ownership rights towards the private land plot</b>					
Alaverdi	9	06-002-0193-0005 06-002-0193-0006	Private owner (non-registered)	Informal tenant	According to the cadastral map for the right holder to the land plots it was marked "physical person whose rights were not registered". During the implementation period the lands actual user did not provide the necessary bases/documents of land allocation. IC applied to the community with a request to recognize the land plots as a property of community. By the decision of Community Council, the land plots have been recognized as community property.

<sup>5</sup> The detailed list of legalization and cadastral correction cases, their description and AHs involved is presented in Appendix 8 of the LARP.

Community	No of land plots	Cadastral lot-code	Owner per LARP	Informal tenant/ renter/owner	Legalization/correction Actions
Alaverdi		06-002-0194-0016	Private owner (non-registered)	Informal tenant	According to the cadastral map for the right holder to the land plot it was marked "physical person" whose rights were not registered. During the implementation period the land actual user did not provide the necessary bases/documents of land allocation. IC applied to the community with a request to recognize the land plot as a property of community. By the decision of Community Council, the land plot has been recognized as community property.
Alaverdi		06-002-0198-0073	Private owner (non-registered)	Non-identified user	According to the cadastral map for the right holder to the land plot it was marked "physical person" whose rights were not registered. During DMS and the implementation period the land actual user was not identified. and during the implementation period the land actual user did not provide the necessary bases/documents of land allocation. IC applied to the community with a request to recognize the land plot as a property of community. By the decision of Community Council, the land plot has been recognized as community property.
Alaverdi		06-002-0198-0074	Private owner (non-registered)	Non-identified user	According to the cadastral map for the right holder to the land plot it was marked "physical person" whose rights were not registered. During DMS and the implementation period the land actual user was not identified. and during the implementation period the land actual user did not provide the necessary bases/documents of land allocation. IC applied to the community with a request to recognize the land plot as a property of community. By the decision of Community Council, the land plot has been recognized as community property.
Alaverdi		06-002-0198-0104 06-002-0198-0116	Private owner (Ownership type was not identified by Cadaster)	Informal tenant (has been identified during LARP implementation)	According to the cadastral map for the right holder to the land plot it was marked "physical person" whose rights were not registered. During the implementation period the land actual user did not provide the necessary bases/documents of land allocation. IC applied to the community with a request to recognize the land plot as a property of community. By the decision of Community Council, the land plot has been recognized as community property.
Alaverdi		06-002-0198-0103	Private owner (Ownership type was not identified by Cadaster)	Informal tenant (has been identified during LARP implementation)	According to the cadastral map for the right holder to the land plot it was marked "physical person" whose rights were not registered. During the DMS the actual user of the land plot was not identified. During the implementation period the land actual user was identified. He provided Certificate of land. IC applied to Cadaster to verify the information. After clarification the Cadaster registered owner's rights towards the property.

Community	No of land plots	Cadastral lot-code	Owner per LARP	Informal tenant/ renter/owner	Legalization/correction Actions
Alaverdi		06-002-0198-0141	Private owner	Owners	According to the cadastral map for the right holder to the land plot it was marked "physical person" whose rights were not registered. During the DMS the actual user of the land plot was identified. During the implementation period the land actual user provided Certificate of land. IC applied to Cadaster to verify the information. After clarification the Cadaster registered owner's rights towards the property.
<b>Issues related to not identified ownership/ other right holder status (community/private) towards the land plot</b>					
Alaverdi	1	06-002-0198-0026 (06-002-0198-**) )	not clear	-	There was no cadastral information on the right holder of the land plot. According to the cadastral map for the right holder to the land plot it was marked as "not clear". The land plot was considered as community land based on the information received from the head of the community. During the implementation period the IC an additional request had been sent to the Cadaster to clarify the target and functional significances as well as the owners and the code. After clarification it was revealed that the land plot is community property with 06-002-0198-0026 cadastral lot-code.
<b>Other Cadastral issues</b>					
Alaverdi	2	06-002-0191-0011	Private owner	-	The owners were different by ownership certificate and cadastral data. The land plot was considered as ownership of Svetlana Dzavaryan. The IC applied to the Cadaster for correction in cadaster map/data. Correction was done.
Odzun		06-112-0508-0026	Private owner	-	The owners were different by ownership certificate and cadastral data. The land plot was considered as ownership of Svetlana Dzavaryan. The IC applied to the Cadaster for correction in cadaster map/data. Correction was done.

#### IV. Expropriation cases in Phase 3

62. For all those cases when, due to disagreement of APs or any other objective circumstances, the acquisition contract has not been signed within 3 months of notification on the draft acquisition contract, the TPIO initiated acquisition through court decision (expropriation) processes in accordance with the RA Law on Alienation of Property for Public and State Needs. In particular:
- (i) compensation amount defined according to the LARP per each AP was deposited at the court's account,
  - (ii) thereafter, if the contract is not signed within 7 days, the TPIO applies to the court with the objective to acquire the property within a month's period.
63. Once the decision of the court on compensation amount for the acquired property is effective, the property is considered acquired with the amount of compensation as defined by the court. In cases of acquisition through court proceeding, the rights of the previous owner towards the property are terminated.
64. In total, 7 cases are in the process of expropriation under Phase 3 of Lot 1 as of the date of preparing the present Report. Three of the cases are the residential apartments in the multistore

building in Alaverdi community (see the clause 4 and 5 in the table below). As that three apartments will be acquired via expropriation, the whole multistore building will not be handed over to the contractor (km47+780-km 47+900 (120m)). The other lands are used for agricultural purposes as arable lands. In total 16,916,281.90 AMD has been deposited to the court deposit account for the 7 initiated expropriation cases (6 AHs). The breakdown of initiated expropriation cases with categorization of expropriation reasons are presented in the table 16 below.

65. The separate completion report will be submitted on expropriation cases with all the details on impacts and compensations upon their completion, meantime the free sections for each expropriated land will be handed over to the Contractor when the court decision on acquisition will be available and the land plot will be registered on the name of RA in cadaster.

**Table 16. Number of initiated expropriation cases with categorization of expropriation reasons in Phase 3, Lot 1**

N	Community	Case's expropriation reason	Number of cases			
			Total No of lands	Total No of AHs	o/w Vulnerable (Plots, N)	o/w Severe impact (Plots, N)
1	Alaverdi	Disagreement with compensation amount*	1	-	-	-
2	Alaverdi	Inheritance issue	2	2	-	1
3	Alaverdi	Property under arrest	2	2	-	-
4	Alaverdi	Delay in solving the complaint (Seyran Poghosyan garage case) **	1	1	-	-
5	Alaverdi	Delay of legalization of the apartment***	1	1	-	-
<b>Total</b>			<b>7</b>	<b>6</b>	<b>-</b>	<b>1</b>

\* This is the case of "YEREVAN WATER SUPPLY DISTRICT" Open Joint-Stock Company (OJSC). The COJSC wasn't count as AHH in LARP, that is why AHH number is not mentioned.  
 \*\*Actually, there is no issue with the case, the complaint related to the garage has been solved and compensated to the AP, however, while solving the complaint, the contract signing deadline set by the law has been expired, therefore the court proceeding has been initiated by TPIO. It is planned that the settlement agreement will be signed with the AP during the 1st court session and the case will be closed.  
 \*\*\*There is no issue with the owner. The legalization process has been initiated by TPIO to help the owner get an ownership certificate for the house, however, the process has been prolonged due to set legal procedures, and the contract signing deadline set by the law has been expired, therefore the court proceeding has been initiated by TPIO. It is planned that the settlement agreement will be signed with the AP during the 1st court session and the case will be closed.

## V. Grievance Redress Process in Phase 3

66. As defined by the LARP, the GRM has been established in each affected community prior the start of LARP implementation, particularly the letters have been sent to each community in February 2018 requesting the representative from community administration to be nominated as grievance focal person (entering point for grievances) together with SSSC representative. The details on GRM with contact details have been posted in all community administration offices upon start of LARP implementation.

67. In total 10 complaints/requests have been received during the implementation of LARP in Phase 3, all have been satisfied/solved in favor of APs (details are provided in the table 17 below).

**Table 17. Description of grievance redress cases in Phase 3, Lot 1**

Total (No)	Ongoing (No)	Resolved in a favor of AP (No)	Resolved AP is not satisfied (No)	Description
10	-	10	-	The complaints were received from inhabitants of Alaverdi communities (Odzun 06-112-0518-0009, 06-112-0517-0005, 06-112-0508-0020, 06-112-0437-0052, 06-112-0437-0060, 06-112-0437-0015, 06-112-0437-0013) with the statement to consider them as users on community land plots and provide them compensation for the impacts existing on those land plots. The complainants also provided references from the community on land usage. The issue was forwarded to Consultant. The field visit was held with participation of the applicants. The data has been verified and corrected accordingly. Compensation has already been provided.

## VI. Vibration modelling and sensitive buildings in Phase 3

68. As planned by the LARP, the implementation of vibration modelling has been required by ADB to ensure the comprehensive detailed impact assessment of the properties along the project road<sup>6</sup>. It is planned that the vibration survey on the sensitive locations along the road has to be implemented during the LARP implementation stage prior the start of civil works with involvement of relevant qualified specialists and equipment (the preliminary list of sensitive buildings has been included in LARP). In case, if the further vibration survey confirms the sensitivity of those properties to vibration due to construction activities, and relevant mitigation measures cannot be carried out, they are subject to acquisition and compensation based on provisions of the LARP and principles of SPS.
69. There are 20 sensitive buildings/points identified within the Phase 3 section to be monitored by Supervision Engineer during the construction activities based on vibration modelling study results and norms. In case if as a result of vibration modelling the sensitive buildings will become risky for damage without any possible mitigation measures, then they will be assessed and acquired in accordance with LARP provisions. The construction will be stopped on those sections until the completion of acquisition and relocation. The list of sensitive points in Phase 3 of Lot 1 is provided in Annex 4.

## VII. Conclusion on LARP Implementation in Phase 3, Lot 1

70. As a result of monitoring, based on above presented findings, we consider, that the LARP implementation in the Phase 3 of Lot 1 is effectively completed in compliance with operation procedures for 48 land plots involved 24 AHs (including the expropriation cases). The compensation for the expropriation cases have been properly deposited for further court proceedings. The list of acquired and compensated lands plots in Lot 1 per communities is attached in Annex 1.
71. Thus, the following sections are free of third parties' rights (expropriation cases are excluded) and can be handed over to the Contractor for the commencement of construction upon the approval of this CR by ADB:

N	Chainage, KM*	Length, m	Community
1	43+800-43+850	50	Odzun, Alaverdi
2	46+000-47+030	1030	
3	47+065-47+540	475	

<sup>6</sup> ADB has proposed its specialized technical assistance to the MTCIT for conducting studies and surveys to assist MTCIT in meeting the SPS standards for vibration, and to recommend and assess the cost of the best available mitigation measures needed to meet the standards.

<b>N</b>	<b>Chainage, KM*</b>	<b>Length, m</b>	<b>Community</b>
4	47+670-47+780	110	
	<b>Total</b>		<b>1665</b>

\*Thought the most part of the multistore building in Alaverdi community is acquired, it will not be handed over to the contractor (km47+780-km 47+900 (120m)), as two apartments are in process of expropriation.

72. Meantime, the Supervision Engineer and the Contractor will be instructed to keep at least 10m of buffer zone from each side of the handed over section during the civil works to avoid any damages to the near located land plots which are under expropriation. The Supervision Engineer will check the exact demarcation of the handed over sections and monitor the construction activities accordingly.







No	Land					Structures		Fence		Improvements				Movable assets	Transportation	Fruit trees/bushes		Wood trees/bushes		Décor trees/bushes		Crops		Vulnerability	Severely affected
	Community	Ownership status	HH No	Affected M <sup>2</sup>	Compensation (AMD)	M <sup>2</sup>	Compensation (AMD)	M <sup>2</sup>	Compensation (AMD)	M <sup>2</sup>	Length	No	Compensation (AMD)	Compensation (AMD)	Compensation (AMD)	No	Compensation (AMD)	No	Compensation (AMD)	No	Compensation (AMD)	M <sup>2</sup>	Compensation (AMD)	Compensation (AMD)	Compensation (AMD)
29	Odzun	Community	1	164.9	195,324.05	4.50	97,290	20	180,400	-	-	1	35,000	-	-	860	1,312,685	-	-	-	-	-	-	-	240,100
30	Odzun	Community	1	51.7	76,102.40	8.90	745,998	-	-	-	-	-	-	-	35,250	-	-	-	-	-	-	-	-	-	-
31	Odzun	Community	1	578.7	685,470.15	20	1,410,400	150	1,353,000	-	85	1	306,500	-	-	36	3,813,647	-	-	-	-	-	-	330,000	577,400
32	Odzun	Community	1	105.4	124,846.30	-	-	-	-	-	40	-	104,000	-	-	1,724	1,997,158.20	-	-	-	-	-	-	-	421,570
33	Odzun	Community	1	311.4	368,853.30	-	-	15	301,650	-	-	-	-	-	-	202	8,856,229	-	-	6	34,000	8	-	330,000	-
34	Odzun	Community	1	1515.1	1,794,635.95	-	-	-	-	-	-	-	-	-	-	612	2,088,790	-	-	-	-	-	-	-	325,000
35	Odzun	Community	1	246.6	292,097.70	-	-	13	212,720	-	-	-	-	-	-	684	4,565,261.90	-	-	2	3,000	-	-	-	-
36	Odzun	Community	-	51.8	67,314.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Odzun	Community	-	46.6	55,197.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Odzun	Private	1	131.4	234,220.50	-	-	30	270,600	-	-	-	-	-	-	24	349,845.40	-	-	-	-	-	-	-	75,620
39	Odzun	RA	1	748.7	-	-	-	-	-	-	70	-	231,000	-	-	9	768,070	-	-	-	-	-	-	-	136,000
40	Odzun	Community	1	832.4	985,977.80	13	1,867,082.50	10	90,200	-	5	-	12,500	-	35,250	11	2,386,966	-	-	-	-	-	-	-	391,700
41	Odzun	Community	1	413.7	490,027.65	-	-	-	-	-	40	-	132,000	-	-	15	1,290,315	-	-	2	11,500	-	-	-	248,400
42	Odzun	Community	1	178.9	211,907.05	-	-	-	-	-	-	-	-	-	-	5	514,156	-	-	-	-	-	-	-	86,350
43	Odzun	Community	1	85.6	101,393.20	11.52	474,854	-	-	-	10	1	83,000	-	35,250	19	1,468,660	-	-	-	-	-	-	-	-
44	Odzun	Community	1	725.9	943,307.05	-	-	-	-	-	10	1	83,000	-	-	364	466,199.20	-	-	-	-	-	-	-	98,280
45	Odzun	Community	2	313.9	407,913.05	3.60	205,482	-	-	-	50	1	215,000	90,000	-	12	1,267,621	-	-	-	-	-	-	330,000	427,800
46	Odzun	Community	1	741.8	878,662.10	14.10	430,332	-	-	-	-	-	-	-	-	36	3,356,998	-	-	4	19,000	-	-	-	522,800
47	Odzun	Community	-	22.7	26,888.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	Odzun	Community	-	47.6	56,382.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			<b>26*</b>	<b>11,754.20</b>	<b>15,013,276.45</b>	<b>209.80</b>	<b>29,516,791</b>	<b>585</b>	<b>11,571,130</b>	<b>14</b>	<b>485</b>	<b>6</b>	<b>2,241,500</b>	<b>90,000</b>	<b>352,000</b>	<b>6,552</b>	<b>47,463,580.70</b>	<b>1</b>	<b>1,890</b>	<b>22</b>	<b>78,900</b>	<b>19</b>	<b>5,760</b>	<b>1,980,000</b>	<b>5,283,360</b>

**Annex 2. Scheme of LARP implementation Phases per Lots and Road Pickets**

Lot_1 km38+450 -km 48+140 (9690m)																								
Km	37500	37550	37600	37650	37700	37750	37800	37850	37900	37950	38000	38050	38100	38150	38200	38250	38300	38350	38400	38450	38500	38550	38600	38650
Km	38700	38750	38800	38850	38900	38950	39000	39050	39100	39150	39200	39250	39300	39350	39400	39450	39500	39550	39600	39650	39700	39750	39800	39850
Km	39900	39950	40000	40050	40100	40150	40200	40250	40300	40350	40400	40450	40500	40550	40600	40650	40700	40750	40800	40850	40900	40950	41000	41050
Km	41100	41150	41200	41250	41300	41350	41400	41450	41500	41550	41600	41650	41700	41750	41800	41850	41900	41950	42000	42050	42100	42150	42200	42250
Km	42300	42350	42400	42450	42500	42550	42600	42650	42700	42750	42800	42850	42900	42950	43000	43050	43100	43150	43200	43250	43300	43350	43400	43450
Km	43500	43550	43600	43650	43700	43750	43800	43850	43900	43950	44000	44050	44100	44150	44200	44250	44300	44350	44400	44450	44500	44550	44600	44650
Km	44700	44750	44800	44850	44900	44950	45000	45050	45100	45150	45200	45250	45300	45350	45400	45450	45500	45550	45600	45650	45700	45750	45800	45850
Km	45900	45950	46000	46050	46100	46150	46200	46250	46300	46350	46400	46450	46500	46550	46600	46650	46700	46750	46800	46850	46900	46950	47000	47050
Km	47100	47150	47200	47250	47300	47350	47400	47450	47500	47550	47600	47650	47700	47750	47800	47850	47900	47950	48000	48050	48100	48140		
	15m.									10m.	25m.	20m.	20m.		20m.	50m.	50m.							

Lot_2 / Lnu 2 km 48+140 -km 62+300 (14160m)																								
Km	48140	48150	48200	48250	48300	48350	48400	48450	48500	48550	48600	48650	48700	48750	48800	48850	48900	48950	49000	49050	49100	49150	49200	49250
																		15m.	50m.	50m.	10m.			
Km	49300	49350	49400	49450	49500	49550	49600	49650	49700	49750	49800	49850	49900	49950	50000	50050	50100	50150	50200	50250	50300	50350	50400	50450
						30m.																		
Km	50500	50550	50600	50650	50700	50750	50800	50850	50900	50950	51000	51050	51100	51150	51200	51250	51300	51350	51400	51450	51500	51550	51600	51650
Km	51700	51750	51800	51850	51900	51950	52000	52050	52100	52150	52200	52250	52300	52350	52400	52450	52500	52550	52600	52650	52700	52750	52800	52850
Km	52900	52950	53000	53050	53100	53150	53200	53250	53300	53350	53400	53450	53500	53550	53600	53650	53700	53750	53800	53850	53900	53950	54000	54050
Km	54100	54150	54200	54250	54300	54350	54400	54450	54500	54550	54600	54650	54700	54750	54800	54850	54900	54950	55000	55050	55100	55150	55200	55250
										25m.			5m.	50m.	50m.	25m.								
Km	55300	55350	55400	55450	55500	55550	55600	55650	55700	55750	55800	55850	55900	55950	56000	56050	56100	56150	56200	56250	56300	56350	56400	56450
																		15m.	50m.	50m.	30m.			
Km	56500	56550	56600	56650	56700	56750	56800	56850	56900	56950	57000	57050	57100	57150	57200	57250	57300	57350	57400	57450	57500	57550	57600	57650
	25m.																							
Km	57700	57750	57800	57850	57900	57950	58000	58050	58100	58150	58200	58250	58300	58350	58400	58450	58500	58550	58600	58650	58700	58750	58800	58850
																		10m.	50m.	50m.	50m.	50m.	30m.	
Km	58900	58950	59000	59050	59100	59150	59200	59250	59300	59350	59400	59450	59500	59550	59600	59650	59700	59750	59800	59850	59900	59950	60000	60050
Km	60100	60150	60200	60250	60300	60350	60400	60450	60500	60550	60600	60650	60700	60750	60800	60850	60900	60950	61000	61050	61100	61150	61200	61250
														5m.	50m.	10m.								
Km	61300	61350	61400	61450	61500	61550	61600	61650	61700	61750	61800	61850	61900	61950	62000	62050	62100	62150	62200	62250	62300			



	Phase 1
	Phase 2
	Phase 3
	Under expropriation

### Annex 3. Summary of Affected Households/ Persons by Category of Impact per LARP

Impact Category	Impact Type	AH Per Type of Impact	AP Per Type of Impact	AH without Double Counting	Absolute number of APs	Remarks
	Affected unit No /m/ m2	No.	No.	No.	No.	
<b>A. Land</b>						
A1. Private Land	15.739,30	91	266	91	266	-
A2. Leased land	5,00	1	1	1	1	-
A3. Community Land	177.192,80	86	274	68	199	18 AHs are included in A1
A4. Government Land	332.946,34	11	29	8	16	1 AH is included in A1, 2 AHs are included in A3
A5. Non identified	135,10	-	-	-	-	-
Subtotal A	526.018,54	-	-	168	482	-
<b>B. Structures</b>						
B1. Residential	715,67	27	74	-	-	15 AHs are included in A1, 12 AHs are included in A3
B1. Non-Residential	316,4	22	76	-	-	5 AHs are included in A1, 16 AHs are included in A3, 1 AHs is included in A4
Subtotal B	1.032,07	-	-	-	-	-
<b>C. Movable structures</b>						
C1. Movable structures	118,30	6	15	-	-	5 AHs are included in A3, 1 AHs is included in A4
Subtotal C	118,30	-	-	-	-	-
<b>D. Fence</b>						
D1. Fence	2.398,24	52	201	-	-	27 AHs are included in A1, 25 AHs are included in A3
Subtotal D	2.398,24	-	-	-	-	-
<b>E. Improvements</b>						
E1. Improvements (m2)	238,60	76	280	-	-	33 AHs are included in A1, 38 AHs are included in A3, 5 AHs are included in A4
E2. Improvements (l.m.)	3.562,60					
E3. Improvements (no)	38,00					
Subtotal E	-	-	-	-	-	-
<b>F. Trees</b>						
F1. Fruit trees	13.573,00	93	320	-	-	All AHs are included in A1, A3 and A4
F2. Wood trees	40,00	10	34	-	-	

Impact Category	Impact Type	AH Per Type of Impact	AP Per Type of Impact	AH without Double Counting	Absolute number of APs	Remarks
	Affected unit No /m/ m2	No.	No.	No.	No.	
F3. Decorative trees	141,00	23	76	-	-	
Subtotal F	13.754,00	-	-	-	-	-
<b>G. Crops</b>						
G1. Crops	151,00	7	31	-	-	4 AHs are included in A1, 3 AHs are included in A3
Subtotal G	151,00	-	-	-	-	-
<b>H. Business loss</b>						
H1. With tax declaration	1	2	6	1	5	1 AH is included in A1
Subtotal H	1	2	6	1	5	-
<b>I. Vulnerable</b>						
I1. Vulnerable AH	-	28	62	3	5	10 AHs are included in A1, 14 AHs are included in A3, 1 AH is included in A4
Subtotal I	-	-	-	3	5	-
<b>J. Relocation impact</b>						
J1. Residential relocatee	-	6	25	-	-	All AHs are included in A1
J2. 10% loss of agricultural income		60	194	-	-	19 AHs are included in A1, 35 AHs are included in A3, 6 AH is included in A4
J3. Non land improvement		4	7			1 AH is included in A3, 3 AHs are included in I1
Subtotal J	-	-	-	-	-	-
<b>Total</b>	-	-	-	<b>172</b>	<b>492</b>	-

**Annex 4. List of sensitive properties in Phase 3 subject to vibration monitoring**

N	Community	Cadastral lot-code of the land plot	Target purpose of the land plot by cadaster	Type of land/actual usage purpose of the land plot by cadaster	Total area of the land plot by cadaster, ha	Location of the property, PK (km)	Location	Chainage, KM	Distance from the new road, m	The land plot is: 1. In LAR boundaries 2. Out of LAR boundaries	The surface of the residential building, sqm (based on cadastral data or google map, as available)	Inhabited/Uninhabited status (where available)	Information on construction activities on the specified location
1	Alaverdi city	06-002-0191-0014	Residential	Residential construction	0.1807	47+680	Left	47+670-47+780	5.3	1	72	Uninhabited	Blasting, Compaction by rollers
2	Alaverdi city	06-002-0198-0103	Residential	Residential construction	0.1229	47+140	Right	47+065-47+540	11.3	1	80	Uninhabited	Blasting, Compaction by rollers
3	Alaverdi city	06-002-0198-0104	Residential	Residential construction	0.0707	47+100	Right	47+065-47+540	7.7	1	65	Inhabited	Blasting, Compaction by rollers
4	Alaverdi city	06-002-0198-0116	Residential	Residential construction	0.0731	47+080	Right	47+065-47+540	4.6	1	408	Inhabited	Blasting, Compaction by rollers
5	Alaverdi city	06-002-0198-0120	Residential	Residential construction	0.1106	47+060	Right	47+065-47+540	10.75	1	100	Uninhabited	Blasting, Compaction by rollers
6	Alaverdi city	06-002-0198-0141	Residential	Residential construction	0.1852	46+980	Right	46+000-47+030	7.4	1	206	inhabited	Blasting, Compaction by rollers
7	Alaverdi city	06-002-0198-0146	Residential	Residential construction	0.2863	46+880	Right	46+000-47+030	3	1	450	inhabited	Blasting, Compaction by rollers
8	Odzun	06-112-0437-0005	Residential	other lands	0.1039	46+960	Left	46+000-47+030	5.1	1	345	Uninhabited	Blasting, Compaction by rollers
9	Odzun	06-112-0437-0039	Residential	Commercial	0.221	46+400	Left	46+000-47+030	0.85	1	110	inhabited	Compaction by rollers
10	Alaverdi city	06-002-0198-0190				46+220	Right	46+000-47+030		2			Compaction by rollers
11	Alaverdi city	06-002-0198-0187				46+300	Right	46+000-47+030		2			Compaction by rollers
12	Alaverdi city	06-002-0198-0183				46+320	Right	46+000-47+030	6.6	2	130	inhabited	Compaction by rollers
13	Alaverdi city	06-002-0198-0176				46+460	Right	46+000-47+030	6.95	2	125	inhabited	Compaction by rollers
14	Alaverdi city	06-002-0198-0175				46+480	Right	46+000-47+030	10.7	2	110	Inhabited	Compaction by rollers
15	Alaverdi city	06-002-0198-0166				46+600	Right	46+000-47+030	0	2	90	inhabited	Compaction by rollers
16	Alaverdi city	06-002-0198-0163				46+680	Right	46+000-47+030		2			Blasting, Compaction by rollers
17	Alaverdi city	06-002-0198-0162				46+700	Right	46+000-47+030		2			Blasting, Compaction by rollers

N	Community	Cadastral lot-code of the land plot	Target purpose of the land plot by cadaster	Type of land/actual usage purpose of the land plot by cadaster	Total area of the land plot by cadaster, ha	Location of the property, PK (km)	Location	Chainage, KM	Distance from the new road, m	The land plot is: 1. In LAR boundaries 2. Out of LAR boundaries	The surface of the residential building, sqm (based on cadastral data or google map, as available)	Inhabited/Uninhabited status (where available)	Information on construction activities on the specified location
18	Alaverdi city	06-002-0198-0065				47+420	Right	47+065-47+540	5.4	2	100	inhabited	Blasting, Compaction by rollers
19	Alaverdi city	06-002-0198-0048				47+680	Right	47+670-47+780	1.6	2	46	inhabited	Blasting, Compaction by rollers
20	Alaverdi city	06-002-0191-0013				47+700	Left	47+670-47+780	8.1	2	72		Blasting, Compaction by rollers

