

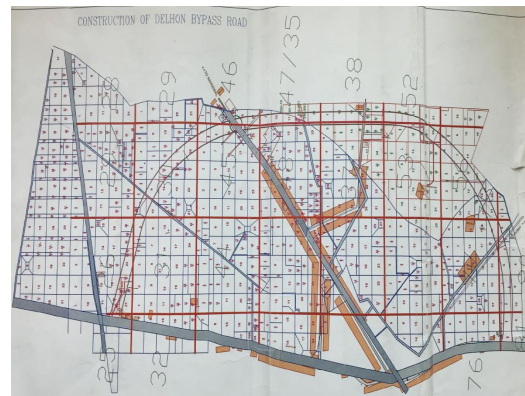


State Social Impact Assessment Unit Punjabi University, Patiala

Draft Social Impact Assessment report &

Social Impact Management Plan

Land Acquisition of Village Dehlon and Rurka for the Project of
Construction of Dehlon Bypass on Ludhiana-Malerkotla Road



Submitted To:-

Joint Secretary

Punjab Roads and Bridges Development Board

Government of Punjab

SCF 61-62 phase -2, Sector- 54, SAS Nagar, Mohali

February 2016



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Submitted by:-

State Social Impact Assessment Unit
T8, Management Block,
Punjabi University, Patiala

February 2016

Declaration

This Draft SIA report is purely based on the information given by stakeholders and local people of the villages Dehlon and Rurka. The SIA team has consulted not only the stakeholders but also local residence of the area whom land is not proposed to be acquired but they are effected by problems of existing road at Dehlon. Land Records are given to the SIA team by Punjab Roads and Bridges Development Board. The estimated compensation is based on collector land rates of the year 2015-16.

This Social Impact Assessment report and Social Impact management Plan is a Draft report and changes can be included in the final SIA report after Public meeting.

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Introduction

INTRODUCTION

2.1 Background

The Punjab Roads and Bridges Development Board (PRBDB), Government of Punjab has undertaken the Punjab State Road Sector Project (PSRSP) with loan assistance from World Bank .Under this Project, 1698 km of roads have been identified by PRBDB for improvements and up gradation under different phases and packages. The Punjab Roads and Bridges Development Board has a project which involves rehabilitation of 6 corridors and up-gradation of 3 corridors under the Phase-I programme of Package II. Up-gradation of Ludhiana-Malerkotla-Sangrur road is one of them. This phase of Ludhiana-Malerkotla road needs up gradation because on this road there are some areas like Gill, Pohir and Dehlon, where this road gets very congested and problems of traffic and road accidents have emerged over the years. The Punjab Roads and Bridges Development Board has earlier up graded Ludhiana-Malerkotla road by constructing bypass at village Gill and Pohir because in those areas this road gets very congested.

The project road corridor Ludhiana-Malerkotla-Sangrur has been improved under the World Bank Funded project from 5.938 Km to 77.290 Km, which traverses through districts, Ludhiana and Sangrur. This road passes through a very congested village Dehlon where commercial and residential properties along the carriageway have developed leaving a congested/restricted width of 10 to 20m for this stretch of 500 meter. This 500 meter section has 3 blind curves also which are very hazardous for road safety and frequently accidents occur on this section. Due to improvement of this Corridor, the speed of vehicular traffic has increased and this section has become a bottle neck due to inadequate space in this section. Firstly, it was decided that existing alignment will be upgraded to 4-lane which would have resulted into demolition of commercial structures and structures which belong to Gurudwara and Temple Committees alongside the existing road. But later, the proposal was dropped because of the dispute of ownership as reported by the Revenue Department.

After that Government of Punjab decided to construct By-pass road from the east side of village Dehlon which starts from Km 18.700 and merge to existing road at Km. 21.539. The total length of Dehlon By-pass will be 2.839 Km. For this proposal of Bypass on

Ludhiana-Malerkotla road, Government of Punjab issued a notification for the land acquisition in village Dehlon and Rurka. For this, land has to be acquired in village Dehlon and Rurka and notification for land acquisition for the same is issued by Government of Punjab under The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013. Under this act Social Impact Assessment study is required before the land acquisition and for this State Social Impact Assessment Unit, Punjabi University, Patiala received a letter PSRSP/4038 on 26/10/15 by Punjab Roads and Bridges Development Board (PRBDB) to conduct SIA study of project affected people at village Dehlon and Rurka. Regarding this, Department of Public Works, Government of Punjab on 14/10/15 issued notification for commencement of SIA via notification no.- 07/58/2013-1B&R3/436.

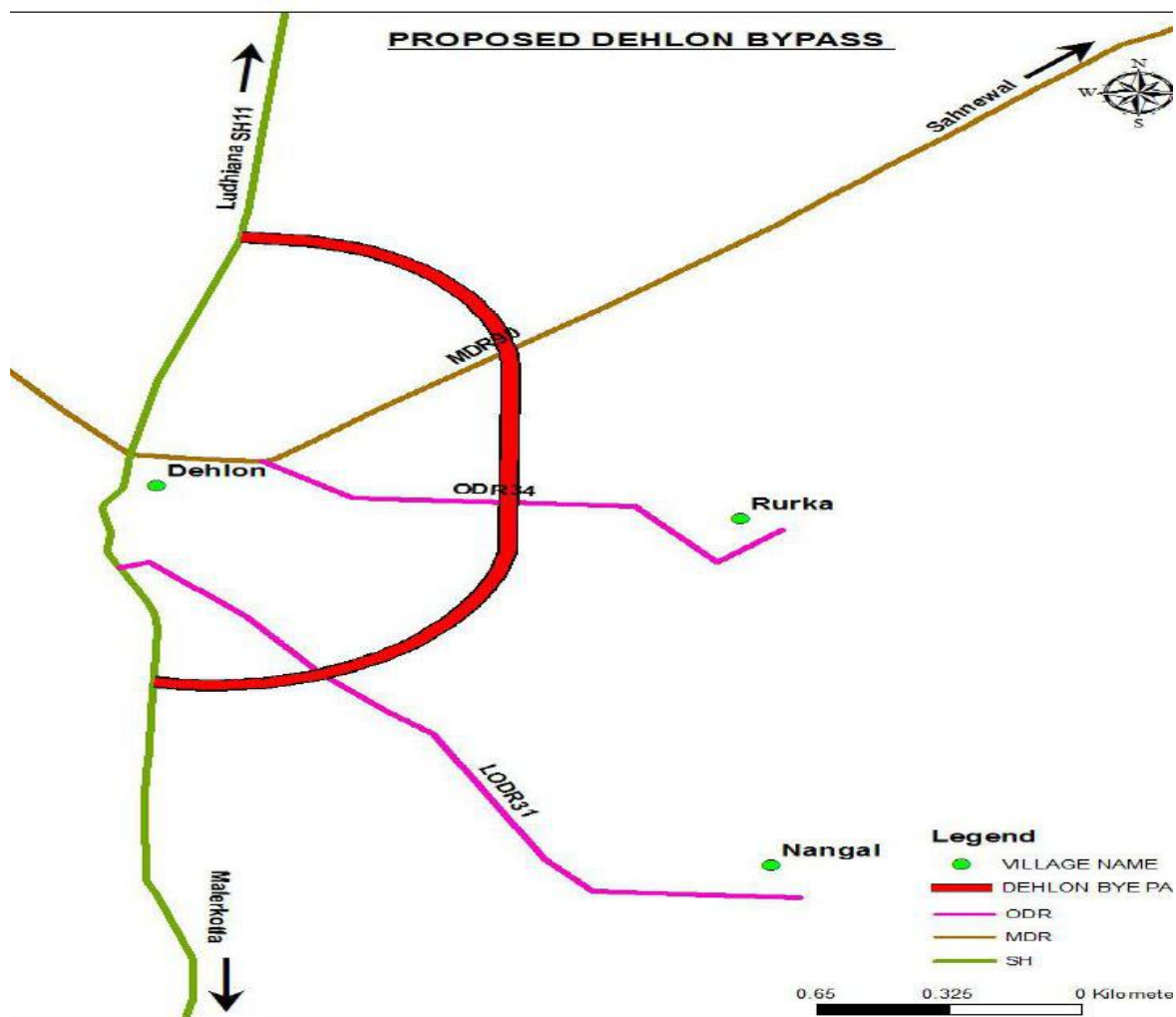


Figure 2.1: Detailed map of proposed Dehlon Bypass from east side.

Source: PRBDB

2.2 JUSTIFICATION OF PUBLIC PURPOSE

One of the Objective of the the Social Impact Assessment is to examine whether the proposed project is a public purpose project. The proposed land acquisition for construction of Dehlon Bypass on Ludhiana-Malerkotla road is required for the following reasons.

- The existing road passes through built-up and congested section of village Dehlon.
- Multi axle trucks, Buses, Cars etc. move along the existing road which cause traffic problems.
- The condition of existing road is not suitable for heavy vehicles because of its narrow curves which results into huge traffic jams.
- The existing road has 3 blind curves, which are very hazardous for road safety and frequently accidents occur on this section.
- By constructing new bypass from east side of Dehlon these traffic problems will be decrease to large extent. This will help local people as well as the commuter who travels on this existing road.

Above all, it falls under the list of projects classified in section 2 (*I-e*) i.e. project for planned development according to the LARR ACT 2013.

2.3 KEY BENEFITS OF THE PROJECT

The project will entail a multitude of benefits for the people of both villages (Dehlon and Rurka) and the local people of the surrounding rural areas. The project will have following benefits for the people:

- Problem of heavy traffic Jams will get solved
- Decrease in road accidents on existing road because heavy flow of traffic will be shifted towards bypass.
- Time Saving
- Alternative way of transportation
- Employment opportunities during the construction, operation and maintenance period of project
- Decrease in pollution level, enhancement of quality of environment
- Accessibility to agricultural fields.

2.4 OBJECTIVES

Social Impact Assessment has been carried out in accordance with the provision of section 4 of the RFCTLARRA 2013. The SIA has assessed socio-economic impacts of the proposed acquisition based on information collected from secondary and primary sources. The SIA team has focused upon following aspects while conducting the study.

- a. To assess whether the proposed acquisition serves public purpose.
- b. Has estimated number of affected families and number of families among them likely to be displaced.
- c. To understand extent of land acquired is bare minimum needed for the project.
- d. Has analyzed alternatives.
- e. Has studied the Social impacts, nature and cost of addressing them and impact of these costs on the overall cost of the project vis-à-vis the benefit of the project.
- f. To understand extent of land public and private, houses, settlement and other common properties likely to be affected by the proposed acquisition.

2.5 Methodology

The indicative methodology adopted to study above mentioned aspects of SIA is briefly presented in Table 2.2.

Table 2.1: Indicative Methodology of Conducting SIA

S No.	Aspects of SIA	Description of Methodology	Source
1	Assess whether the proposed acquisition serves public purpose	List has been presented in section 2(I); a to f	RFCTLARRA 2013
2	Estimate number of affected families and number of families among them likely to be displaced	Census and baseline survey of families affected (Low Population size) through questionnaire method	Field Study
3	Understand extent of acquired land- public and private, houses, settlement and other common properties likely to be affected by the proposed acquisition	'Transact Walk' through Alignment, based on ownership details of the land and type of land to be acquired, enumeration of affected properties, trees etc.	Field study
4	Understand extent of land acquired is bare minimum needed for the project	In-depth study of proposed utilization of land to be acquired including examining cross section of 100 feet road and relevance of land acquisition	Desk study and field verification
5	Whether Acquisition at other place is found not feasible	Alternative analysis of alignment and location of project	Desk study and field verification

S No.	Aspects of SIA	Description of Methodology	Source
6	Study of the Social impacts, nature and cost of addressing them and impact of these cost on the overall cost of the project via-à-vis the benefit of the project	Comparison of alternatives and their impacts	Desk work and field study, consultation with stakeholders

The social assessment of the project has been carried out as per requirement of RFCTLARRA 2013. The details of methodologies include:

- (i) **Sample Socio-Economic Survey:** Based on final alignments and detailed measurement survey of land and structure, a sample socio-economic survey was carried out during the months of January 2016. The sample socio-economic survey has delineated impacts as minor impacts and major impacts.
- (ii) **Stakeholder's Consultation:** Consultations were carried out at individual and village level. Important issues were discussed at village level include (but not limited to) impact of land acquisition on the livelihood of the people, compensation as per LARR 2013, Findings, suggestions and opinion of people have been taken into account while preparing social impact management plan. (Details of the consultations have been presented in chapter 4). Furthermore, consultations with institutional stakeholders have provided an insight to develop social impact management plan for the project.

2.6 ANALYSIS OF ALTERNATIVES

In conducting Social Impact Assessment study alternatives have to be considered before finalizing the best suitable for the respective project. In this project of Dehlon Bypass three alternatives were taken into account for further studies. The consultant is required to establish preliminary costs, land acquisition and compensation requirements and assess social and environmental impacts. In the process of Social Impact Assessment, alternatives have been considered for comparative analysis. (Figure 2.3). Efforts have been made to understand merits of these alternative alignments in terms of acquisition of land, social impacts and people's views. The three alternative alignments are as follow:

Alternative 1: Widening the existing road

Developments of residential and commercial structures, both permanent and temporary in nature, have taken place along the road. The clear width available in Dehlon town center is 10 to 20m for a stretch of 400m. If the existing route is retained, it will need to be widened on both sides and would involve acquisition of properties (approximately 49 permanent and 11 temporary structures) resulting in resettlement and rehabilitation of displaced persons as well as incurring the cost of shifting of utilities.

Alternative 2: Bypass east of the existing road

The alignment in this option runs along the east side of the project road and starts at km 18+300 and crosses agricultural land and intersects a bitumen road (leading to Shankar village). It then traverses agricultural land and intersects another bitumen road (leading to Rurka village). It continues south westwards through agricultural land and crosses a cart track leading to Nangal village and continues through agricultural land to merge with the project road at km 21+539. This option does not pass through any potential residential areas and is away from future development. As the adjacent village Rurka is very near to Dehlon, developments have taken place along the road connecting these two villages, however there is enough free space at the crossing of this road. The length of bypass is 2.839km.

Alternative 3: Bypass West of the existing road

The alignment in this option runs along the west side of the project road and starts at km 18+300 and traverses through agriculture land and intersects a bitumen road leading to Raipur village. Thereafter, it traverses through agricultural land and intersects a cart track leading agricultural fields and then crosses another cart track leading to Jartaur village. It continues through agricultural land, crosses a road leading to Majri village, turns to the south east through agricultural land and crosses a bitumen road leading to Rangian village. Then it crosses more agricultural land and merges with the project road at km 21+300 near Gopalpur village. This option does not pass through any potential residential areas and is away from future development. The length of bypass is 3.6 km.

Table 2.2 presents analysis of alternatives, Among three alternatives considered alternative one is the best alternative in terms of cost and social issues.

Table 2.2: Comparison of alternatives for Dehlon Bypass

Sr. No.	Description	Option I	Option II	Option III
1	Starting Chainage(along SH 11)	19+000	18+300	18+300
2	End Chainage(along SH 11)	20+500	21+539	21+300
3	Route Length (m)	1500	2839	3600
4	No. sharp horizontal curves	2	0	0
5	Agricultural land affected (meter length)	300	3000	3600
6	Barren land affected (meter length)	0	0	0
7	Residential land affected (meter length)	900	0	0
8	Commercial land affected (meter length)	300	0	0
9	No. of Important Road Intersections	1	1	1
10	No. of river/canal crossings	0	2	2
11	Pucca Residential Structures Affected (Nos.)	37	2	0
12	Pucca Commercial Structures Affected (Nos.)	12	1	0
13	Kutchha Residential Structures Affected (Nos.)	11	0	0
14	Kutchha Commercial Structures Affected (Nos.)	0	0	0
15	Huts	0	0	3
16	Other Structures Affected (Nos.)	2	0	0
17	Telephone Poles to be Shifted (Nos.)	38	0	2
18	Electric Poles to be Shifted (Nos.)	99	9	7

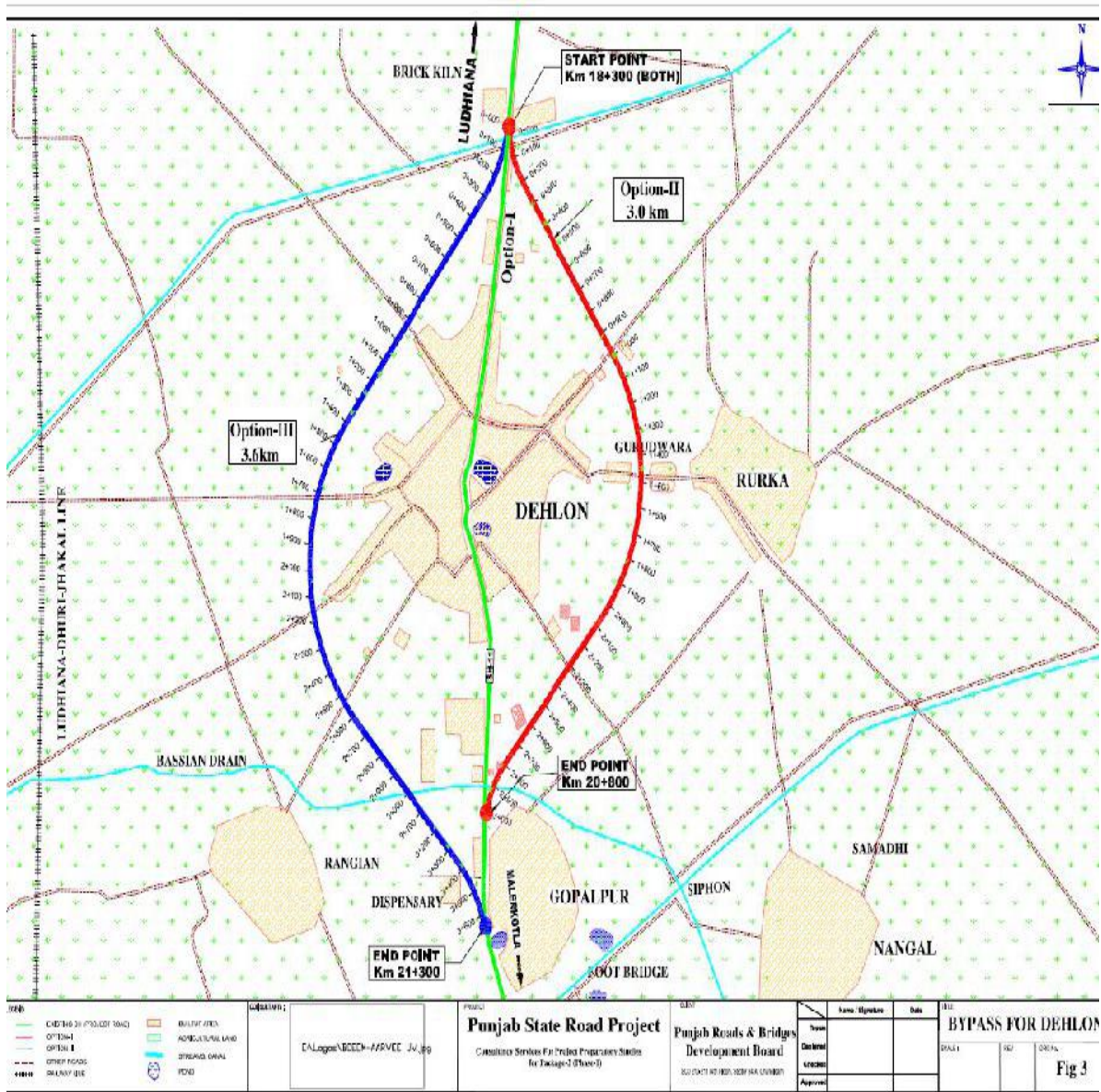
19	Transformers to be Shifted (Nos.)	6	1	0
20	No. Of Trees Affected (Nos.)	283	38	52
21	Total Cost (In Rs. Crores)	13	21	23
Source: PRBDB				
Qualitative Analysis				
A	Land acquisition	**	**	**
B	Residential / commercial buildings affected	*	**	***
C	Ponds/ water bodies Affected	***	***	***
D	Flora and Fauna	***	*	**
E	Religious Structures Affected	***	*	*
F	Social Issues	***	*	*
G	Environmental Quality	**	**	**
H	Low laying area	***	***	**

Legend: Less Desirable * Desirable ** More Desirable ***

Table 2.2 indicates that the Option-I, widening of the existing road requires the acquisition of structures and utility shifting. The up gradation cost is 13 crores. Option- II and Option-III are passing through potential agricultural lands. The cost for bypass options II and III are 21 Crores and 23 Cores respectively which is in higher side comparative to option-I. This assigns a weighting to each qualitative factor and adjusts the ranking mark accordingly. The results indicate Option I requires demolition of commercial structures and structures which belong to Gurudwara and Temple Committees alongside the existing road.

So, firstly it was decided that existing alignment will be upgraded to 4-lane which would have resulted into demolition of commercial structures and structures which belong to Gurudwara and Temple Committees alongside the existing road. But later, the proposal was dropped because of the dispute of ownership as reported by the Revenue Department. Option I have structure of Gurudwara and Temple, by demolishing these structure can harm the religious feelings of local people.

After that Government of Punjab decided to construct By-pass road from the left side of village Dehlon which starts from Km 18.700 and merge to existing road at Km. 21.539. The total length of Dehlon By-pass will be 2.839 Km. For this proposal of Bypass on Ludhiana-Malerkotla road, Government of Punjab issued a notification for the land acquisition in village Dehlon and Rurka. If we consider all three alternatives option I can harm religious feelings and has ownership disputes. Option II is bypass from east side of the Dehlon which has no residence structure or shop in between and has a total length of 2.839 km. Option III is a proposal of bypass from west side of village dehlon and has a total length of 3.6 km. Option III has a 3 huts in between and has 25 trees. We can see all three alternatives in Figure 2.3



Source: PRBDB

Figure 2.2: Map showing three alternatives alignments at Dehlon

After considering all three alternatives, it is decided that Option II which is constructing the Bypass from east side of the Dehlon is suitable option for this project.

2.7 PHASES OF PROJECT CONSTRUCTION AND DESIGN

The proposal for construction of a By-pass from east side of village Dehlon was submitted to the State Level Empowered Committee, which approved the same. As indicated below, the project development envisages improvements that will yield a 7.250 m wide divided carriageway of 5.0 m with provisions for a 1.5m hard shoulder and a 1m earthen shoulder on both sides (total 29.5 m width).

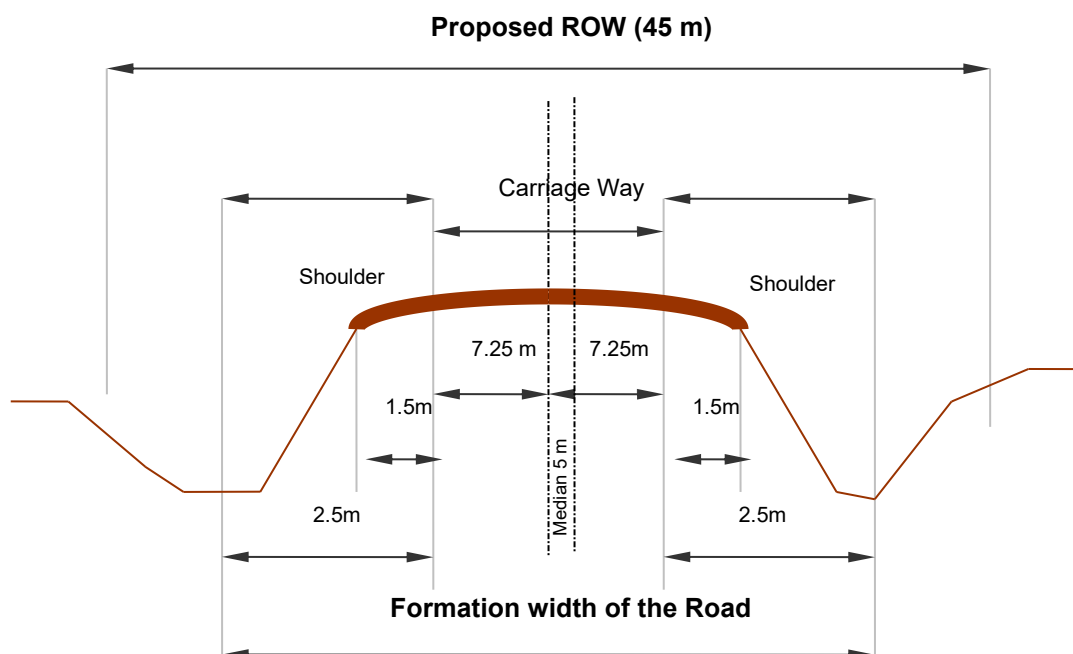


Fig. 2.3:A cross section showing a typical Formation width of the Bypass Road

All the land within formation width was examined and poverty and social assessment have been carried out along stretch. Consequently, this report addresses the impacts and outlines the measures, including resettlement and rehabilitation of the affected persons, in accordance with the Resettlement and Rehabilitation Policy of Punjab State Road Sector Project.

Therefore, from the above mentioned utilization of land it is established that entire land shall be utilized at once and the land being acquired is barest minimum. Since the land being acquired shall be used for the construction of Bypass road, hence phasing of project construction is not required.

Existing ROW and required Formation Width Of the Bypass Road

Link	Corridor	Proposed ROW (m)	Proposed Formation width (m)	Remarks	Reference/ Chainage
1	Dehlon By-pass on Ludhiana-Malerkotla-Sangrur Road	New Alignment (45)	29.5	7.250 m carriageway of 5.0 m with provisions for a 1.5m hard shoulder and a 1m earthen shoulder on both sides (total 29.5 m width)	Take off @ Km 0.00 and meeting point @ Km 2.970

2.8 APPLICABLE LEGISLATION AND POLICIES

Table 2.3 presents the environmental regulations and legislation's relevant to this road project.

SR. No	Act / Rules	Purpose	Applicable Yes/ No	Reason for Applicability	Authority
1.	The Right to Fair Compensation and Transparency in Land Acquisition and Rehabilitation and Resettlement 2013	Set out rule for acquisition of land by government	Yes	This act will be applicable to as there will be acquisition of land for Master Plan Road.	Land acquisition Collector, Department of Land Resources.

2.	National Environment Appellate Authority Act (NEAA) 1997	Address Grievances regarding the process of environmental clearance.	No	Grievances if any will be dealt with, within this act.	NEAA
3.	Environment Protection Act-1986	To protect and improve overall environment	Yes	As all environmental notifications, rules and schedules are issued under this act.	MoEF. Gol; DoE, State Gov. CPCB; SPCB
4.	The Forest (Conservation) Act 1927 The Forest (Conservation) Act. 1980 forest (conversion) Rules 1981	To check deforestation by restricting conversion of forested areas into non-forested areas	Yes	The project road between km 56/700 to 59/300 passes through reserved forest. 2.072 hectares area will be acquired from forest land.	Forest Department, GoP
5.	Air (Prevention and Control of Pollution) Act, 1981	To control air pollution by & Transport controlling emission of air Department. Pollutants as per the prescribed standards.	Yes	This act will be applicable during construction; for obtaining NOC for establishment of hot mix plant, workers' camp, construction camp, etc.	SPCB

6.	Water Prevention and Control of Pollution) Act 1974	To control water pollution by controlling discharge of pollutants as per the prescribed standards	Yes	This act will be applicable during construction for (establishments of hot mix plant, construction camp, workers' camp, etc.	SPCB
7.	Noise Pollution (Regulation and Control Act) 1990	The standards for noise for day and night have been promulgated by the MoEF for various land uses.	Yes	This act will be applicable as vehicular noise on project routes required to assess for future years and necessary protection measure need to be considered in design.	SPCB
8.	Public Liability and Insurance Act 1991	Protection form hazardous materials and accidents.	Yes	Contractor need to stock hazardous material like diesel, Bitumen, Emulsions etc.	SPCB
9.	Minor Mineral and concession Rules	For opening new quarry.	Yes	Regulate use of minor minerals like stone, soil, river sand etc.	District Collector
10.	Central Motor Vehicle Act 1988 and Central Motor Vehicle Rules 1989	To check vehicular air and noise pollution.	Yes	This rule will be applicable to road users and construction Machinery.	Motor Vehicle Department

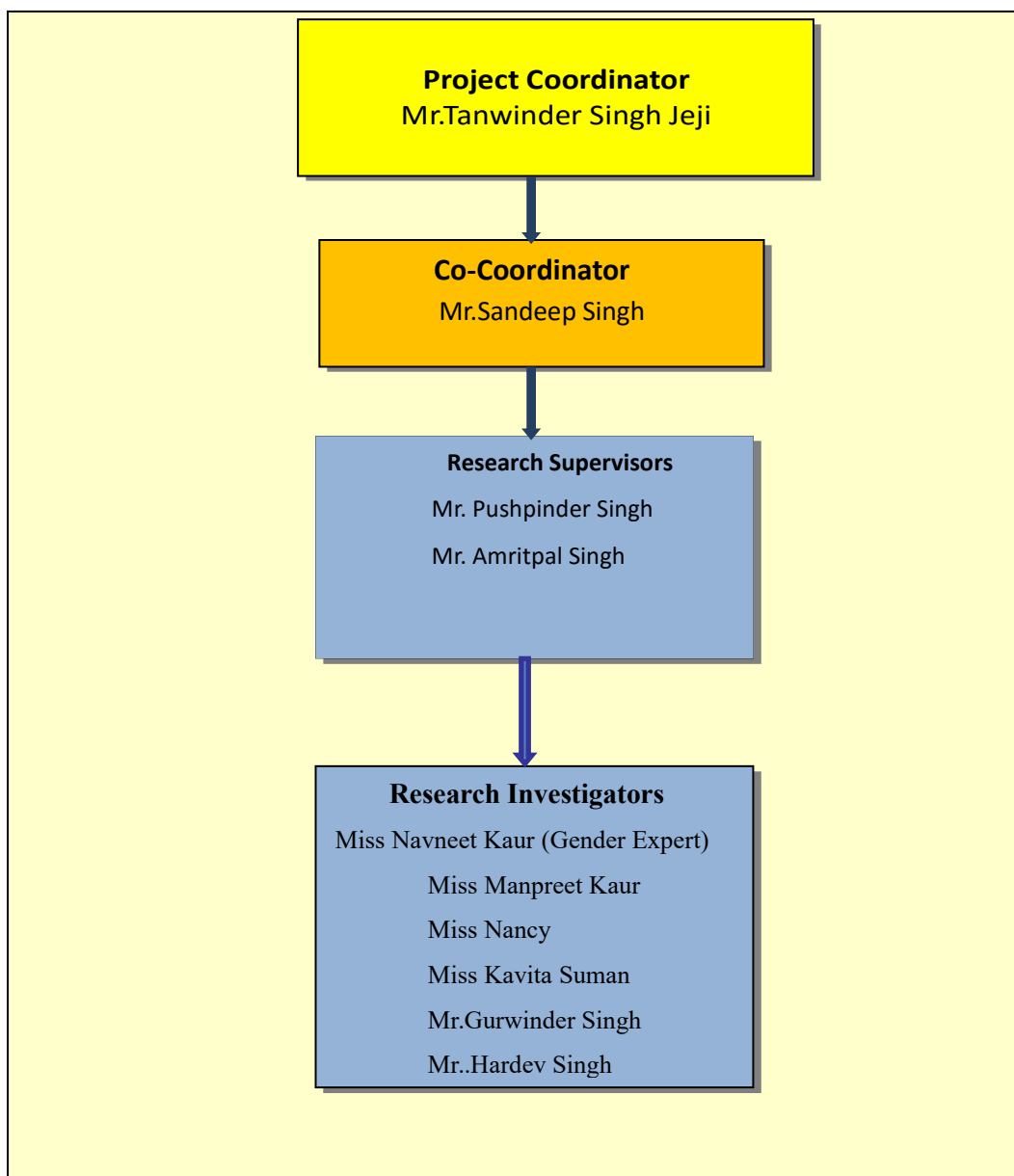
Chapter 3
Team Composition, Approach and
Schedule of SIA

Chapter 3

Team Composition, Approach and Schedule of SIA

3.1 TEAM COMPOSITION

Financial Commissioner, Government of Punjab vide Notification No. 24/84/2013-LR-1/2344, dated 25/02/2014 has notified Department of Sociology and Social Anthropology, Punjabi University Patiala as State Social Impact Assessment Unit. The Collector, Land Acquisition, Department of Housing and Urban Development (LAC) has applied and provided details of land to be acquired to SSIA Unit, Punjabi University Patiala. The SIA notification for Dehlon Bypass on Ludhiana-Malerkotla Road was published on 14th October 2015. In response to the SIA request and details provided by the Joint Secretary, Public Works, SSIA Unit, Punjabi University has constituted a team to carry out SIA.



3.2 CONSULTATION

Consultative procedure has been a critical but important phase in the entire Social Impact Assessment process. The consultation process continued till the preparation of Social Impact Management Plan (SIMP). While social impact assessment ensured involvement of local communities through participatory planning, structured consultations and public hearing have to be conducted at village level to endorse important planning approaches and policies. It is hoped that linkages developed during this phase will ensure the involvement of stakeholders in the implementation of the project. Following section highlights type of consultations.

TYPE OF CONSULTATION

Information Dissemination: The dissemination process and the type of information shared with the stakeholders during consultation are described below:-

- While undertaking inventory of road side utilities and structures, and sample survey of PAFs, information dissemination focused on the proposed project characteristics, land width required for the construction of road,
- PAFs were consulted to inform them about, resultant impacts and possible social-cultural conflict (if any) including loss of accessibility during road construction.
- During these consultations, Google maps, maps given by PRBDB were used to explain about the location of proposed Bypass, distance of their properties with proposed road. This activity helped people to understand the impact on their assets and properties.
- Pamphlets/*PARCHA* on the project was prepared and shared with the Stakeholders and villagers explaining proposed project and social impact assessment studies (Fig 3.1).
- **Consultation during Sample Survey Stage:** SIA at this stage included consultations at individual PAP level, groups of local people and focused group discussions at strategic locations such as *Gurudwara* at village Dehlon and *Panchayat Ghar* at village Rurka to understand acceptability of the project and issues related to land acquisition. The overall objective of these consultations was to ensure that the local people can participate in the project specific studies and they were encouraged to express their concerns and opinions. Their suggestions/preferences which were shared by the stakeholders, local people and bodies are included in preparation of SIA report.



SIA Team with stakeholder at village Dehlon

Consultation with PAP's at village Rurka

Fig. 3.1: Consultations during Sample Baseline Survey

● FINDINGS OF CONSULTATION

Consultations were carried out at individual as well as Village level. While village level consultations were held during sample socio-economic survey.

Important issues were discussed during consultation with the stakeholders individually and also at village level. These issues were related to loss of livelihood, compensation for acquired land and properties, provision of job in the project. Important issues raised during these consultations are presented below (Table 3.1).

Table 3.1: Important Issues of Consultation

Issues Identified	Solutions
Provision of Job in lieu of compensation as per new LARR Act 2013,	For R&R consideration
Loss of source of livelihood because of loss of fertile agricultural land,	Fair compensation according to LARR Act 2013
Compensation for Irrigation, pipeline and underground pipes	Measures should be taken by acquiring body to irrigate the fields which are divided by planned road like laying down of water pipes under the road
Education and employment of next generation	Up-gradation of village school at village Rurka to secondary level and arrangement of technical education
Community needs post acquisition/post compensation phase	Social and financial counseling etc.

Issues Identified	Solutions
Land belongs to Community <i>Hadda Rori</i> (crematorium for domestic animals)	Suitable place near the village Rurka
Crossing of Link roads (roads to Sahnewal and Rurka from Dehlon)	Proper Junctions will be constructed (traffic lights, speed breakers, traffic signs)
Path to homes of stakeholders which have their houses in the fields	Linkage path from bypass road will be provided
Division of land due to Bypass	Under ground Pipe lines, providing cross drainage structures.
Safety measures on proposed Bypass	Projection from both sides of the bypass

3.3 FRAMEWORK FOR CONTINUED CONSULTATION

As per provision of section 4(6) and section 7(6) of the LARR Act 2013, the SIA required to be disclosed to people at conspicuous locations, Village Panchayat ,Tehsil, District offices. To fulfill the goal the SIA team ensure that

- Key stakeholders, Punjab Road and Bridges Development Board (requiring body), Public Works Department, Government of Punjab (representing appropriate Government) and Punjabi University, Patiala will be involved actively in approval of recommendations of social impact assessment studies by expert appraisal group as per provision of section 7 of LARR Act 2013,
- A sensitization workshop will be held involving Punjab Road and Bridges Development Board (requiring body), Public Works Department, Government of Punjab (representing appropriate Government) and Punjabi University, Patiala to share experiences of SIA of the project during approval stage.
- Identified critical issues will be given due attention in developing good communication strategies with the land owners during acquisition process under LARR Act 2013,
- Key features of the compensations and R&R entitlements (as per provision of section 30 of the LARR Act 2013 will be displayed on billboards, in the village for understanding and its acceptability.

3.4 DATA SOURCES

The following section highlights data sources and activities are being carried out for the preparation of SIA report.

Data from Secondary Sources

Following information is collected from the published documents to appreciate the project background, land ownership status, and statistical information required for baseline information.

- The Right to Fair Compensation and Transparency in Land Acquisition 2013,
- Primary Census Abstract, District Census Handbook 2011,
- Statistical Abstract Punjab,
- District wise Socio-Economic Indicators (Directorate of Economics & Statistics, GoP),
- Information collected from the Revenue records and Revenue maps as prepared by the office of the Revenue officials and local administration including that of the District Collector/Sub-Divisional Magistrate/Tehsildar,
- Acts and Policies of Government of India and Government of Punjab related to R&R and Land acquisition.

Data and information from Primary Sources

- Structured Survey - Baseline and Census survey in a prescribed format
- Public Consultation
- Focused Group Discussions
- Consultation with key informants
- Interviews with important secondary stakeholders
- Public Hearing

3.5 SCHEDULE OF SIA

Details showing the date wise work undertaken for Social Impact Assessment (SIA) of Land Acquisition of Dehon Bypass on Ludhiana-Malerkotla road.

Date	Particulars	Remarks
14-10-2015	Notification for commencement of SIA	
26-10-2015	PRBDB approached State Social Impact Assessment Unit, Punjabi University, Patiala for carrying out SIA study under section 4 of RFCTLARR Act, 2013.	
19-11-2015	Negotiation for SIA study fee with PRBDB at State Social Impact Assessment Unit, Punjabi University, Patiala.	
10-12-2015	Constitution of SIA Team for carrying out a SIA study for Dehlon Bypass.	
17-12-2015 to 23-12-2015	Training of SIA Team at State Social Impact Assessment Unit, Punjabi University, Patiala.	
25-12-2015	Field Survey at village Dehlon and Rurka	
13-01-2016	Submission of TOR	
15-02-2016	Submission of Draft SIA report and SIMP	

Chapter 4
Land Assessment

CHAPTER – 4: LAND ASSESSMENT

4.1 Information regarding acquisition of Proposed Land and Area

Land acquisition of the proposed Dehlon Bypass is being carried out as per provisions of the Right to Fair Compensation and Transparency in Land Acquisition and Rehabilitation and Resettlement 2013. Land of village Dehlon and Rurka have been finalized by the appropriate government and Government of Punjab for the Construction of Bypass from east side of Dehlon. Land which has to be acquired is shown in figure 4.1.



Figure 4.1: Map of proposed Dehlon Bypass

4.2 Area

Dehlon village is in the Ludhiana district of Punjab and it is 19 Km away from Ludhiana city. Dehlon village has population of 5190 of which 2741 are males while 2449 are females as per Population Census 2011. Dehlon village has higher literacy rate as compared to Punjab. In 2011, literacy rate of Dehlon village was 84.44 % compared to 75.84 % of Punjab. In Dehlon Male literacy stands at 87.36 % while female literacy rate was 81.15 %. Dehlon falls on the road connecting Ludhiana and Malerkotla. This route has heavy flow of traffic and the bottle neck at this point (Dehlon) often leads to traffic jams and accidents. The view of the area is shown in Figure 4.2

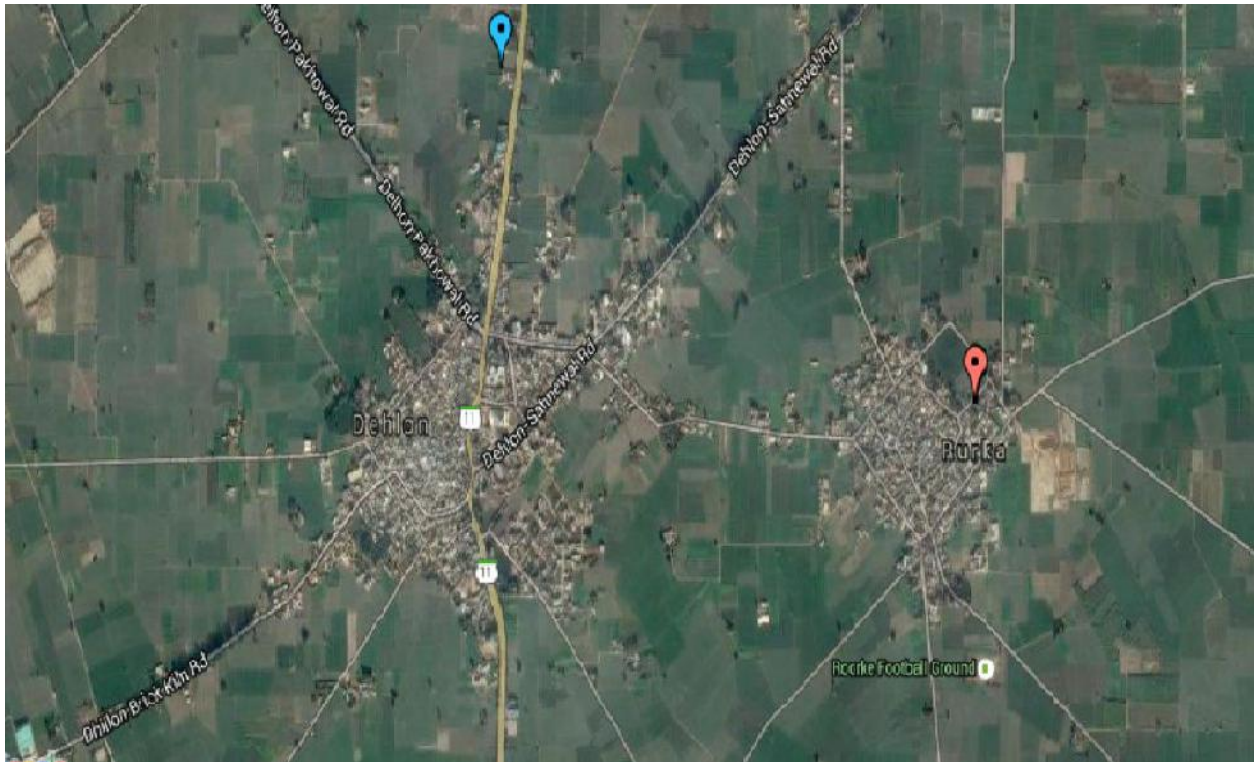


Figure 4.2: View of the Project Specific Area

4.3 Total Land Requirement

The Bypass is proposed to be constructed from east side of the village Dehlon, around the village this proposed Bypass would cross the linkage roads to Sahnewal and Rurka. Total required Land for this project- 32.9 acres.

This 32.9 acres of land is mainly used for agriculture. There are also some structures and communal properties lies on the proposed Land.

4.4 Quantity of Land Proposed to be acquired

Total 32.9 acres of land is proposed to be acquired in village Dehlon and Rurka. The ownership of this proposed land is given in table 4.1 and 4.2

¹ <http://www.census2011.co.in/data/village/33540-dehlon-punjab.html>

Table 4.1: Land to be acquired from Village Dehlon

Village	Sr. No.	Khata no.	Muraba no	Killa No.	Name of Owner	Share	Total area		Acquired Area		Balance Area	
							Kanal	Marla	Kanal	Marla	Kanal	Marla
Dehlon	1	645	25//	16/1	1.Dalip Singh s/o Kehar Singh	2.66	0	8	1	2		
					2.Baldev Singh s/o Kehar Singh	2.66						
					3.Nirmal Singh s/o bant Singh	0.88						
					4.Ujagar Singh s/o Baldev Singh	0.37						
					5.Ajmer Singh s/o Baldev Singh	0.59						
					6.Bikram Singh s/o Dalip Singh	0.59						
					7.Jagjit Singh s/o Bhajan Singh	0.11						
					8.Bhupinder Singh s/o joginder Singh	0.11						
	2	643	25//	16/2	1.Balwiir Singh s/o Paritam Singh	1.55	0	14				
					2.Charan Singh s/o Tulsi Singh	1.42						
					3.Jasvir Singh s/o Tulsi Singh	1.42						
					4.Manpreet Singh s/o Tulsi Singh	0.29						
					5.Ishar Singh s/o Teja Singh	4.66						
					6.Darshan Singh s/o Teja Singh	4.66						

3	786	25//	25/1/1			1	2	0	11.23
4	786	25//	25/1/2			0	18		
5	786	25//	25/2			2	0		
6	645	26//	20/1	1.Dalip Singh s/o Kehar Singh	18.33	5	15	2	4.44
				2.Baldev Singh s/o Kehar Singh	18.33				
				3.Nirmal Singh s/o bant Singh	12.77				
				4.Ujagar Singh s/o Baldev Singh	5.31				
				5.Ajmer Singh s/o Baldev Singh	8.51				
				6.Bikram Singh s/o Dalip Singh	8.51				
				7.Jagjit Singh s/o Bhajan Singh	1.59				
				8.Bhupinder Singh s/o joginder Singh	1.59				
4	643	26//	20/2	1.Balwiir Singh s/o Paritam Singh	4.87	2	4	2	4
				2.Charan Singh s/o Tulsi Singh	4.47				
				3.Jasvir Singh s/o Tulsi Singh	4.47				
				4.Manpreet Singh s/o Tulsi Singh	0.92				
				5.Ishar Singh s/o Teja Singh	14.66				
				6.Darshan Singh s/o Teja Singh	14.66				
5	641	26//	21	1.Balvir Singh s/o Pritam Singh	16.8	8	0	2	15.56
				2.Jasvir Singh s/o Tulsi Singh	14				

				3.Charan Singh s/o Tulsi Singh	14				
				4.Manpreet Singh s/o Tulsi Singh	13.6				
				5.Ishar Singh s/o Teja Singh	0.4				
				6.Darshan Singh s/o Teja Singh	15.2				
				7.Gurdip Singh s/o Kartar Singh	1.8				
				8.Mohan Singh s/o Kartar Singh	1.8				
				9.Balwinder kaur w/o Hardev Singh	1.8				
				10.Sohan Singh s/o Kartar Singh	1.8				
				11.Surinderpal Singh s/o Jagdish lal	8.4				
				12.Neelam Rani w/o Gotam pal	8.4				
				13.Makhan Singh s/o Charan Singh	10				
6	645	26//	19	1.Dalip Singh s/o Kehar Singh	13.33	8	0	1	8.89
				2.Baldev Singh s/o Kehar Singh	13.33				
				3.Nirmal Singh s/o bant Singh	17.77				
				4.Ujagar Singh s/o Baldev Singh	7.41				
				5.Ajmer Singh s/o Baldev Singh	11.85				
				6.Bikram Singh s/o Dalip Singh	11.85				
				7.Jagjit Singh s/o Bhajan Singh	2.22				
				8.Bhupinder Singh s/o joginder Singh	2.22				
7	642	26//	22/1	1.Balvir Singh s/o Pritam Singh	7.36	3	9	1	6.53
				2.Charan Singh s/o Tulsi singh	6				

				3.Jasvir Singh s/o Tulsi Singh	6				
				4.Manpreet Singh s/o Tulsi Singh	2.23				
				5.Ishar Singh s/o Teja Singh	16.52				
				6.Darshan Singh s/o Teja Singh	4.11				
				7.Gurdip Singh s/o Kartar Singh	0.55				
				8.Balwinder kaur w/o Hardev Singh	0.55				
				9.Mohan Singh s/o Kartar Singh	0.55				
				10.Sohan Singh s/o Kartar Singh	0.55				
				11.Surinderpal Singh s/o Jagdish lal	1.56				
				12.Neelam Rani w/o Gotam pal	1.56				
				13.Makhan Singh s/o Charan Singh	0.66				
8	645	26//	22/2	1.Dalip Singh s/o Kehar Singh	5	3	15	3	0.95
				2.Baldev Singh s/o Kehar Singh	5				
				3.Nirmal Singh s/o Bant Singh	8.33				
				4.Ujagar Singh s/o Baldev Singh	5.55				
				5.Ajmer Singh s/o Baldev Singh	5.55				
				6.Bikram Singh s/o Dalip Singh	5.55				
9		26//	22/3			0	16	0	16
9		26//	23	1.Dalip Singh s/o Kehar Singh	13.33	8	0	6	4.78
				2.Baldev Singh s/o Kehar Singh	13.33				

				3.Nirmal Singh s/o Bant Singh	17.77				
				4.Ujagar Singh s/o Baldev Singh	11.85				
				5.Ajmer Singh s/o Baldev Singh	11.85				
				6.Bikram Singh s/o Dalip Singh	11.85				
10		26//	24/1	1.Dalip Singh s/o Kehar Singh	5.33	0	16	0	10.44
				2.Baldev Singh s/o Kehar Singh	5.33				
				3.Nirmal Singh s/o Bant Singh	1.77				
				4.Ujagar Singh s/o Baldev Singh	1.18				
				5.Ajmer Singh s/o Baldev Singh	1.18				
				6.Bikram Singh s/o Dalip Singh	1.18				
11		26//	24/2			2	4	1	6.28
11	654	26//	24/3	1.Malkeet Singh s/o Jeevan Singh	2.23	5	0	2	3.06
				2.Darshan Singh s/o Malkit Singh	7.76				
				3.Banta Singh s/o Malkeet Singh	7.76				
				4.Mahinder Kaur d/o Jangir Singh	7.76				
12	654	26//	25/1	1.Malkeet Singh s/o Jeewan Singh	8.89	2	0	0	10.56
				2.Darshan Singh s/o Malkeet Singh	11.11				
				3.Banta Singh s/o Malkeet Singh	11.11				
				4.Mahinder kaur d/o Jagir Singh	8.89				
13	724	26//	25/2	1.Darbara Singh s/o Sadhu Singh	0	6	0	0	10.22

				2.Gurmit Singh s/o Sadhu Singh	0				
14	643	31//	3	1.Balvir Singh s/o Pritam Singh	17.73	8	0	0	6
				2.Charan Singh s/o Tulsi singh	16.25				
				3.Jasvir Singh s/o Tulsi Singh	16.25				
				4.Manpreet Singh s/o Tulsi Singh	3.34				
				5.Ishar Singh s/o Teja Singh	6.66				
				6.Darshan Singh s/o Teja Singh	6.66				
				7.Ishar Singh s/o Teja Singh	6.66				
				8.Darshan Singh s/o Teja singh	6.66				
15		31//	1-Apr	1.Balvir Singh s/o Pritam Singh	7.98	3	12	0	17
				2.Charan Singh s/o Tulsi singh	7.31				
				3.Jasvir Singh s/o Tulsi Singh	7.31				
				4.Manpreet Singh s/o Tulsi Singh	1.5				
				5.Ishar Singh s/o Teja Singh	12				
				6.Darshan Singh s/o Teja Singh	12				
				7.Ishar Singh s/o Teja Singh	12				
				8.Darshan Singh s/o Teja singh	12				
16	592	31//	2-Apr	1.Mahinder Singh s/o Tulsi Singh	6.4	1	12	0	11.19
				2.Charan Singh s/o Tulsi singh	6.4				
				3.Manpreet s/o Tulsi Singh	6.4				
				4.Jasvir Singh s/o Tulsi Singh	6.4				

				5.Pritam Kaur D/o Tulsi Singh	6.4				
17	724	31//	3-Apr	1.Darbara Singh s/o Sadhu Singh	8	2	16	1	5.03
				2.Gurmit Singh s/o Sadhu Singh	8				
18		31//	5	1.Dalbara Singh s/o Sadhu Singh	0	8	0	5	14.6
				2.Gurmeet Singh s/o Sadhu Singh	0				
19	724	30//	1	1.Dalbara Singh s/o Sadhu Singh	6	6	12	4	9.93
				2.Gurmeet Singh s/o Sadhu Singh	6				
20	724	30//	1-Feb	1.Darbara Singh s/o Sadhu Singh	12	3	4	0	8.52
				2.Gurmit Singh s/o Sadhu Singh	12				
30	773	30//	2-Feb	1.Sukhdev Singh s/o Nazar Singh	8	4	0	0	2.14
				2.Jaspreet Singh s/o Lakhvir Singh	8				
				3.Harbans kaur w/o Charan Singh	4				
				4.Rajwinder Singh s/o Charan Singh	4				
				5.Gurkiranjit Singh s/o Charan Singh	4				
				6.Inderjit kaur d/o Charan Singh	4				
				7.Manjit kaur w/o Nazar Singh	1.6				
				8.Harjinder kaur d/o Nazar Singh	1.6				
				9.Manjit kaur m/o Lakhvir Singh	5.2				
				10.Karamjit kaur w/o Lakhvir Singh	5.2				
				11.Lavpreet kaur d/o Lakhvir Singh	5.2				
				12.Jaspreet Singh s/o Lakhvir Singh	5.2				

				13.Sukhdev Singh s/o Nazar Singh	0.8					
21	724	30//	10	1.Dalbara Singh s/o Sadhu Singh	0	6	0	1	18.89	
				2.Gurmeet Singh s/o Sadhu Singh	0					
22		30//	1-Sep	1.Hardeep Singh s/o Darshan Singh	11	4	13	3	9.42	
				2.Surjit Singh s/o Joara Singh	11					
				3.Kuldip Singh s/o Jora Singh	11					
23	471	30//	2-Sep	1.Sher Singh s/o Norang Singh	18.75	3	15	2	1.89	
				2.Balvir Singh s/o Norang Singh	18.75					
				3.Daljit Singh s/o Norang Singh	18.75					
				4.Simarjit Singh s/o Rachpal Singh	11.25					
				5.Sarabjeet Singh s/o Rachpal Singh	7.5					
24	466	30//	1-Aug	1.Hardeep Singh s/o Darshan Singh	3.66	6	11	0	5.58	
				2.Surjit Singh s/o Joara Singh	3.66					
				3.Kuldip Singh s/o Jora Singh	3.66					
25	471	30//	2-Aug	1.Sher Singh s/o Norang Singh	7.25	1	9	0	16.67	
				2.Balvir Singh s/o Norang Singh	7.25					
				3.Daljit Singh s/o Norang Singh	7.25					
				4.Simarjit Singh s/o Rachpal Singh	4.35					
				5.Sarabjeet Singh s/o Rachpal Singh	2.9					
26		30//	12	1.Dalbara Singh s/o Sadhu Singh	15.25	8	0	1	2.17	
				2.Arshdeep kaur D/o Balwinder Singh	15.25					

				3.Bhagwan Singh s/o Gulzar Singh	9.49				
27	576	30//	13/1	1.Jangir Singh s/o Ram Singh	3.5	1	0	0	12.22
				2.Gulzara Singh s/o Ram Singh	3.5				
				3.Balwinder Singh s/o Mahinder Singh	2				
				4.Jora Singh s/o Gang Ram	4				
				5.Sher Singh s/o Norang Singh	2				
				6.Harjinder Singh s/o Balwir Singh	2				
				7.Daljit Singh s/o Norang Singh	2				
				8.Gurdyal kaur w/o Norang Singh	2				
				9.Simarnjit singh s/o Rachpal Singh	1				
				10.Sarabjit Singh s/o Rachpal Singh	1				
				11.Gurdev Singh s/o Channan Singh	1.5				
				12.Mahinder kaur w/o Amar Singh	0.83				
				13.Harcharan Singh s/o Amar Singh	5.41				
				14.Surjit Singh s/o Amar Singh	5.41				
				15.Nirmal Singh s/o Gurdev Singh	3.33				
28	471	30//	13/2/1	1.Sher Singh s/o Norang Singh	4	6	16	5	12.83
				2.Balwir Singh s/o Norang Singh	4				
				3.Daljeet Singh s/ Norang Singh	4				
				4.Simarjit Singh s/o Rachpal Singh	0.4				
				5.Sarabjeet Singh s/o Rashpal Singh	13.6				

29	466	30//	13/2/2	1.Hardeep Singh s/o Darshan Singh	1.33	0	4	0	0.67
				2.Surjit Singh s/o Joara Singh	1.33				
				3.Kuldip Singh s/o Jora Singh	1.33				
30	471	30//	14/1/1	1.Sher Singh s/o Norang Singh	19	3	16	0	9.33
				2.Balwir Singh s/o Norang Singh	19				
				3.Daljeet Singh s/ Norang Singh	19				
				4.Simarjit Singh s/o Rachpal Singh	11.4				
				5.Sarabjeet Singh s/o Rashpal Singh	7.6				
32		30//	18/1	1.Lakhvir Sinh s/o Ranjit Singh urf Nohria	4.1	3	4	2	0
				2.Sultan Singh s/o Ranjit Singh urf Nohria	19.89				
32		30//	18/2			0	16	0	4.67
33		30//	18/3	1.Dalbara Singh s/o Sadhu Singh	17.62	4	0	0	2.67
				2.Arshdeep kaur D/o Balwinder Singh	17.62				
				3.Bhagwan Singh s/o Gulzar Singh	4.74				
34	436	30//	17	1.Lakhvir Sinh s/o Ranjit Singh urf Nohria	10.27	8	0	5	6
				2.Sultan Singh s/o Ranjit Singh urf Nohria	9.72				
35		30//	24	1.Lakhvir Sinh s/o Ranjit Singh urf Nohria	10.27	8	0	5	4.44
				2.Sultan Singh s/o Ranjit Singh urf Nohria	9.72				

36		30//	25/1	1.Lakhvir Sinh s/o Ranjit Singh urf Nohria 2.Sultan Singh s/o Ranjit Singh urf Nohria	11.67 12.32	5	4	1	4.28
37	724	30//	26	1.Dalbara Singh s/o Sadhu Singh 2.Gurmeet Singh s/o Sadhu Singh	14 14	1	8	0	13.15
38	446	45//	4	1.Amar Singh s/o Hakam Singh 2.Swaranjit kaur w/o Nachhattar Singh 3.Sukhwinder Singh s/o Nachhattar Singh 4.Baljit kaur D/o Nath singh 5.Narain Singh s/o Mejar singh 6.Harchant Singh s/o Mejar Singh 7.Lakhvir Singh s/o Hakam Singh	6.67 15.52 17.76 0.58 6.38 6.38 6.67	8	0	1	9.33
39	446	45//	1-May	1.Lakhvir Sinh s/o Ranjit Singh urf Nohria 2.Sultan Singh s/o Ranjit Singh urf Nohria	19.94 16	5	16	3	0.67
40		45//	2-May	1.Amar Singh s/o Hakam Singh 2.Swaranjit kaur w/o Nachhattar Singh 3.Sukhwinder Singh s/o Nachhattar Singh 4.Baljit kaur D/o Nath singh 5.Narain Singh s/o Mejar singh 6.Harchant Singh s/o Mejar Singh	7.33 9.76 4.88 0.16 7.25 7.25	2	4	1	12.06

Village	Sr. No.	khata no.	muraba no	Killa No.	Name of Owner	Share	Total area	Acquired Area	Balance Area
	41	45//		6	7.Lakhvir Singh s/o Hakam Singh	7.33			
					1.Amar Singh s/o Hakam Singh	6.67	8	0	5 17
					2.Swaranjit kaur w/o Nachhattar Singh	15.52			
					3.Sukhwinder Singh s/o Nachhattar Singh	17.76			
					4.Baljit kaur D/o Nath singh	0.58			
					5.Narain Singh s/o Mejar singh	6.38			
					6.Harchant Singh s/o Mejar Singh	6.38			
					7.Lakhvir Singh s/o Hakam Singh	6.67			
	42	45//		15	1.Amar Singh s/o Hakam Singh	5.67	7	14	3 18.44
					2.Swaranjit kaur w/o Nachhattar Singh	14.19			
					3.Sukhwinder Singh s/o Nachhattar Singh	17			
					4.Baljit kaur D/o Nath singh	0.56			
					5.Narain Singh s/o Mejar singh	5.39			
					6.Harchant Singh s/o Mejar Singh	5.39			
	43	561	45//	16/1	7.Lakhvir Singh s/o Hakam Singh	5.67			
					1.Gurmel kaur w/ Ishar Singh	0.14	1	16	1 3.91
					2.Joginder Singh s/o Niranjn Singh	8.97			
					3.Charanjit Singh s/o Niranjn Singh	0.46			

4.Rajinder Singh s/o Gurdyal Singh	0.21
5.Surjit kaur w/o Harjinder Singh	0.21
6.Sukhdev Singh s/o Mewa Singh	1
7.Hardev Singh s/o Mewa Singh	1
8.Gurdyal kaur w/o Mewa Singh	1
9.Balwant Singh s/o Kehar Singh	0.68
10.Pritpal Singh s/o Sukhdev Singh	0.46
11.Sukhdev Singh s/o Kapur Singh	0.46
12.Karnail Singh s/o Gurmukh singh	2.47
13.Kewal krishan s/o Ramnath	0.08
14.Makhan singh s/o Charan Singh	0.19
15.Ramandeep Singh s/o Khuhwant Singh	7.5
16.Kuldeep kaur w/o Kuldeep singh	0.2
17.Ranjodh Singh s/o Balwir Singh	0.3
18.Tejwant Singh s/o bhajan Singh	0.21
19.Inderjit Singh s/o Labh Singh	4.36
20.Harmanjit Singh s/o Inderjit Singh	0.71
21.Charanjit Singh s/o Naranjan Singh	5.11
22.Avtar Singh s/o Surinder singh	0.19
23.Daljit kaur w/o Mejar Singh	0.16
24.Ravinder kumar s/o Kedar nath	0.46

				25.Munish kumar s/o Tarsem lal	0.46				
				26.Jeevan w/o Munish kumar	0.46				
				27.Anuradha w/o Munish kumar	0.46				
				28.Gurmel kaur w/o Ishar Singh	0.07				
44	446	45//	16/2	1.Amar Singh s/o Hakam Singh	8.83	2	13	0	1.68
				2.Swaranjit kaur w/o Nachhattar Singh	11.76				
				3.Sukhwinder Singh s/o Nachhattar Singh	5.88				
				4.Baljit kaur D/o Nath singh	0.19				
				5.Narain Singh s/o Mejar singh	8.73				
				6.Harchant Singh s/o Mejar Singh	8.73				
				7.Lakhvir Singh s/o Hakam Singh	8.83				
45	561	45//	25	1.Gurmel kaur w/o Ishar Singh	0.67	8	6	1	10
				2.Joginder Singh s/o Niranjan Singh	1.4				
				3.Charanjit Singh s/o Niranjan Singh	2.14				
				4.Rajinder Singh s/o Gurdyal Singh	1				
				5.Surjit kaur w/o Harjinder Singh	1				
				6.Sukhdev Singh s/o Mewa Singh	4.81				
				7.Hardev Singh s/o Mewa Singh	4.81				
				8.Gurdyal kaur w/o Mewa Singh	4.81				
				9.Balwant Singh s/o Kehar Singh	3.15				
				10.Pritpal Singh s/o Sukhdev Singh	2.14				

				11.Sukhdev Singh s/o Kapur Singh	2.14				
				12.Karnail Singh s/o Gurmukh singh	1.13				
				13.Kewal krishan s/o Ramnath	0.37				
				14.Makhan singh s/o Charan Singh	0.88				
				15.Ramandeep Singh s/o Khuhwant Singh	14.58				
				16.Kuldeep kaur w/o Kuldeep singh	1.57				
				17.Ranjodh Singh s/o Balwir Singh	1.38				
				18.Tejwant Singh s/o bhajan Singh	1				
				19.Inderjit Singh s/o Labh Singh	0.13				
				20.Harmanjit Singh s/o Inderjit Singh	3.28				
				21.Charanjit Singh s/o Naranjan Singh	3.6				
				22.Avtar Singh s/o Surinder singh	0.88				
				23.Daljtit kaur w/o Mejar Singh	0.75				
				24.Ravinder kumar s/o Kedar nath	2.13				
				25.Munish kumar s/o Tarsem lal	2.13				
				26.Jeevan w/o Munish kumar	2.13				
				27.Anuradha w/o Munish kumar	2.13				
				28.Gurmel kaur w/o Ishar Singh	0.33				
46		46//	10					0	1.67
46	445	46//	1-Nov	1.Amar Singh s/o Hakam Singh	7.16	2	3	0	15.12

				2.Lakhvir Singh s/o Hakam Singh	7.16				
				3.Narain Singh s/o Mejar Singh	7.16				
				4.Harchet Singh s/ Mejar Singh	7.16				
				5.Swarjit kaur w/o Nacchatar Singh	1.68				
				6.Sukhwinder Singh s/o Nacchatar Singh	4.8				
				7.Gurmukh das s/o Ram gopal	3.96				
				8.Ravi kant s/o Gurmukh das	3.96				
47	14	46//	2-Nov	1.Gurmel kaur w/ Ishar Singh	0.1	1	5	0	0.33
				2.Joginder Singh s/o Niranjan Singh	6.23				
				3.Charanjit Singh s/o Niranjan Singh	0.32				
				4.Rajinder Singh s/o Gurdyal Singh	0.15				
				5.Surjit kaur w/o Harjinder Singh	0.15				
				6.Sukhdev Singh s/o Mewa Singh	0.72				
				7.Hardev Singh s/o Mewa Singh	0.72				
				8.Gurdyal kaur w/o Mewa Singh	0.72				
				9.Balwant Singh s/o Kehar Singh	0.47				
				10.Pritpal Singh s/o Sukhdev Singh	0.32				
				11.Sukhdev Singh s/o Kapur Singh	0.32				
				12.Karnail Singh s/o Gurmukh singh	0.17				
				13.Kewal krishan s/o Ramnath	0.05				
				14.Makhan singh s/o Charan Singh	0.13				

				15.Ramandeep Singh s/o Khuhwant Singh	5.2				
				16.Kuldeep kaur w/o Kuldeep singh	0.14				
				17.Ranjodh Singh s/o Balwir Singh	0.2				
				18.Tejoyant Singh s/o bhajan Singh	0.15				
				19.Inderjit Singh s/o Labh Singh	3				
				20.Harmanjit Singh s/o Inderjit Singh	0.49				
				21.Charanjit Singh s/o Naranjan Singh	3.55				
				22.Avtar Singh s/o Surinder singh	0.13				
				23.Daljit kaur w/o Mejar Singh	0.11				
				24.Ravinder kumar s/o Kedar nath	0.32				
				25.Munish kumar s/o Tarsem lal	0.03				
				26.Jeevan w/o Munish kumar	0.03				
				27.Anuradha w/o Munish kumar	0.03				
				28.Gurmel kaur w/o Ishar Singh	0.05				
48	14	46//	20	1.Gurmel kaur w/ Ishar Singh	0.51	6	7	2	18.2
				2.Joginder Singh s/o Niranjana Singh	11.67				
				3.Charanjit Singh s/o Niranjana Singh	1.64				
				4.Rajinder Singh s/o Gurdyal Singh	0.77				
				5.Surjit kaur w/o Harjinder Singh	0.77				
				6.Sukhdev Singh s/o Mewa Singh	3.68				
				7.Hardev Singh s/o Mewa Singh	3.68				

8.Gurdyal kaur w/o Mewa Singh	3.68
9.Balwant Singh s/o Kehar Singh	2.41
10.Pritpal Singh s/o Sukhdev Singh	1.64
11.Sukhdev Singh s/o Kapur Singh	1.64
12.Karnail Singh s/o Gurmukh singh	0.86
13.Kewal krishan s/o Ramnath	0.28
14.Makhan singh s/o Charan Singh	0.67
15.Ramandeep Singh s/o Khuhwant Singh	6.46
16.Kuldeep kaur w/o Kuldeep singh	0.72
17.Ranjodh Singh s/o Balwir Singh	1
18.Tejoyant Singh s/o bhajan Singh	0.77
19.Inderjit Singh s/o Labh Singh	15.4
20.Harmanjit Singh s/o Inderjit Singh	2.51
21.Charanjit Singh s/o Naranjan Singh	18
22.Avtar Singh s/o Surinder singh	0.67
23.Daljit kaur w/o Mejar Singh	0.57
24.Ravinder kumar s/o Kedar nath	1.62
25.Munish kumar s/o Tarsem lal	1.62
26.Jeevan w/o Munish kumar	1.62
27.Anuradha w/o Munish kumar	1.62
28.Gurmel kaur w/o Ishar Singh	0.25

49	14	46//	21	1.Gurmel kaur w/ Ishar Singh	0.55	6	16	4	2
				2.Joginder Singh s/o Niranjan Singh	13.92				
				3.Charanjit Singh s/o Niranjan Singh	1.75				
				4.Rajinder Singh s/o Gurdyal Singh	0.82				
				5.Surjit kaur w/o Harjinder Singh	0.82				
				6.Sukhdev Singh s/o Mewa Singh	3.94				
				7.Hardev Singh s/o Mewa Singh	3.94				
				8.Gurdyal kaur w/o Mewa Singh	3.94				
				9.Balwant Singh s/o Kehar Singh	2.58				
				10.Pritpal Singh s/o Sukhdev Singh	1.75				
				11.Sukhdev Singh s/o Kapur Singh	1.75				
				12.Karnail Singh s/o Gurmukh singh	0.93				
				13.Kewal krishan s/o Ramnath	0.31				
				14.Makhan singh s/o Charan Singh	0.72				
				15.Ramandeep Singh s/o Khuhwant Singh	8.33				
				16.Kuldeep kaur w/o Kuldeep singh	1.29				
				17.Ranjodh Singh s/o Balwir Singh	1.13				
				18.Tejewant Singh s/o bhajan Singh	0.82				
				19.Inderjit Singh s/o Labh Singh	16.49				
				20.Harmanjit Singh s/o Inderjit Singh	2.68				
				21.Charanjit Singh s/o Naranjan Singh	19.33				

			22.Avtar Singh s/o Surinder singh	0.72				
			23.Daljit kaur w/o Mejar Singh	0.62				
			24.Ravinder kumar s/o Kedar nath	1.74				
			25.Munish kumar s/o Tarsem lal	1.74				
			26.Jeevan w/o Munish kumar	1.74				
			27.Anuradha w/o Munish kumar	1.74				
			28.Gurmel kaur w/o Ishar Singh	0.27				
50	47//	10	1.Gurmel kaur w/o Ishar Singh	0.42	5	4	4	8
			2.Joginder Singh s/o Niranjan Singh	5.94				
			3.Charanjit Singh s/o Niranjan Singh	1.34				
			4.Rajinder Singh s/o Gurdyal Singh	0.63				
			5.Surjit kaur w/o Harjinder Singh	0.63				
			6.Sukhdev Singh s/o Mewa Singh	3				
			7.Hardev Singh s/o Mewa Singh	3				
			8.Gurdyal kaur w/o Mewa Singh	3				
			9.Balwant Singh s/o Kehar Singh	1.97				
			10.Pritpal Singh s/o Sukhdev Singh	1.34				
			11.Sukhdev Singh s/o Kapur Singh	1.34				
			12.Karnail Singh s/o Gurmukh singh	0.71				
			13.Kewal krishan s/o Ramnath	0.23				
			14.Makhan singh s/o Charan Singh	0.55				

				15.Ramandeep Singh s/o Khuhwant Singh	1.66				
				16.Kuldeep kaur w/o Kuldeep singh	0.59				
				17.Ranjodh Singh s/o Balwir Singh	0.86				
				18.Tejuwant Singh s/o bhajan Singh	0.63				
				19.Inderjit Singh s/o Labh Singh	12.61				
				20.Harmanjit Singh s/o Inderjit Singh	2				
				21.Charanjit Singh s/o Naranjan Singh	14.78				
				22.Avtar Singh s/o Surinder singh	0.55				
				23.Daljit kaur w/o Mejar Singh	0.47				
				24.Ravinder kumar s/o Kedar nath	1.33				
				25.Munish kumar s/o Tarsem lal	1.33				
				26.Jeevan w/o Munish kumar	1.33				
				27.Anuradha w/o Munish kumar	1.33				
				28.Gurmel kaur w/o Ishar Singh	0.21				
51	563	47//	1	1.joginder Singh s/o Naranjan Singh	18.17	6	8	4	8
				2.Ramandeep Singh s/o Khushwant Singh	17.97				
				3.Makhan Singh s/o Charan Singh	0.59				
				4.Kuldeep kaur w/o Keldeep Singh	0.39				

			9.Balwant Singh s/o Kehar Singh	2.66					
			10.Pritpal Singh s/o Sukhdev Singh	1.8					
			11.Sukhdev Singh s/o Kapur Singh	1.8					
			12.Karnail Singh s/o Gurmukh singh	0.95					
			13.Kewal krishan s/o Ramnath	0.31					
			14.Makhan singh s/o Charan Singh	0.74					
			15.Ramandeep Singh s/o Khuhwant Singh	9.17					
			16.Kuldeep kaur w/o Kuldeep singh	0.79					
			17.Ranjodh Singh s/o Balwir Singh	1.17					
			18.Tejewant Singh s/o bhajan Singh	0.85					
			19.Inderjit Singh s/o Labh Singh	16.98					
			20.Harmanjit Singh s/o Inderjit Singh	2.76					
			21.Charanjit Singh s/o Naranjan Singh	19.9					
			22.Avtar Singh s/o Surinder singh	0.74					
			23.Daljit kaur w/o Mejar Singh	0.63					
			24.Ravinder kumar s/o Kedar nath	1.79					
			25.Munish kumar s/o Tarsem lal	1.79					
			26.Jeevan w/o Munish kumar	1.79					
			27.Anuradha w/o Munish kumar	1.79					
			28.Gurmel kaur w/o Ishar Singh	0.28					
53	47//	20/1	1.Joginder Singh s/o Naranjan Singh	2	0	6	0	6.39	

				2.Ramandeep Singh s/o Khushwant Singh	0.67				
				3.Sukhdev Singh s/o Mewa singh	0.17				
				4.Hardev Singh s/o Mewa Singh	0.17				
				5.Gurdyal Kaur w/o Mewa Singh	0.17				
				6.Inderjit Singh s/o Labh Singh	1				
				7.Charanjit Singh s/o Naranjan Singh	1				
				8.Daljeet kaur w/o Mejar Singh	0.33				
				9.Ravinder kumar s/o Kedar nath	0.13				
				10.Munish kumar s/o Tarsem lal	0.13				
				11.Jeewan w/o Ravinder kumar	0.13				
				12.Anuradha w/o Munish kumar	0.13				
54		47//	20/2	1.Sultan Singh s/o Mukhtyar Singh	18	0	18	0	13.6
55	485	47//	20/3	1.Jaswant Singh s/o Kartar Singh	0.22	0	2	0	1.84
				2.Sultan Singh s/o Mukhtyar Singh	0.91				
				3.Balvir Singh s/o Amar Singh	0.05				
				4.Sukhdev Singh s/o Amar Singh	0.05				
				5.Sukhwinder Singh s/o Amar Singh	0.05				
				6.Kamla devi w/o Darbara Singh	0.01				
				7.Shingara Singh s/o Sadhu Singh	0.04				
				8.Gulzar Singh s/o Sadhu Singh	0.01				
				9.Ranjit kaur w/o Balvir Singh	0				

				10.Jasvinder Singh s/o Balvir Singh	0				
				11.Amarjit kaur w/o Gurdip Singh	0				
				12.Harpal kaur w/o Amit lal	0.02				
				13.Gurcharan kaur w/o Jarnail Singh	0.01				
				14.Amrjit kaur w/o Palvinder Singh	0				
				15.Inderpal Singh s/o Labh Singh	0.01				
				16.Shweta Rani w/o Subhash Lal	0.01				
				17.Mohan Singh s/I Pooran Singh	0.01				
				18.Asha Rani w/o Madan Lal	0.01				
				19.Manjit Singh s/o Kammikar Singh	0				
				20.Daljit Singh s/o Kammikar Singh	0				
				21.Harjinder kaur w/o Jagjit Singh	0.01				
				22.Mohinder Singh s/o Kartar Singh	0.22				
				23.Avtar Singh s/o Karam Singh	0.02				
				24.Surjit Singh s/o Kartar Singh	0.22				
				25.Nirmala Devi w/o Narata Ram	0.01				
				26.Veena Sood w/o Vijay Kumar	0.01				
				27.Baljit kaur w/o Ajit Singh	0				
56	563	48//	5	1.joginder Singh s/o Naranjan Singh	2.71	8	0	1	4
				2.Ramandeep Singh s/o Khushwant Singh	2.46				
				3.Makhan Singh s/o Charan Singh	0.74				

				4.Kuldeep kaur w/o Keldeep Singh	0.49				
				5.Ranjot Singh s/o Balvir Singh	1.23				
				6.Tejwtant Singh s/o Bhajan Singh	2.22				
				7.bhajan Singh s/o Fatta Singh	5.92				
				8.Inderjit Singh s/o Labh Singh	17.28				
				9.Harmandeep Singh s/o Inderjit Singh	5.92				
				10.Charanjit Singh s/o Naranjan Singh	2.71				
				11.Avtar Singh s/o Surinder Singh	0.98				
				12.Daljeet kaur w/o Mejar Singh	0.98				
				13.Ravinder Kumar s/o Kedar Nath	3.82				
				14.Munish kumar s/o Tarsem lal	3.82				
				15.Jeewan w/o Ravinder kumar	3.82				
				16.Anuradha w/o Munish kumar	3.82				
				17.Gurmel kaur Tehal w/o Ishar Singh	0.32				
				18.Gurmel kaur w/o Ishar Singh	0.65				
57	561	48//	6	1.Gurmel kaur w/o Ishar Singh	0.56	7	0	1	4
				2.Joginder Singh s/o Nirranjan Singh	14.92				
				3.Charanjit Singh s/o Nirranjan Singh	1.8				
				4.Rajinder Singh s/o Gurdyal Singh	0.85				
				5.Surjit kaur w/o Harjinder Singh	0.85				
				6.Sukhdev Singh s/o Mewa Singh	4				

7.Hardev Singh s/o Mewa Singh	4
8.Gurdyal kaur w/o Mewa Singh	4
9.Balwant Singh s/o Kehar Singh	2.66
10.Pritpal Singh s/o Sukhdev Singh	1.8
11.Sukhdev Singh s/o Kapur Singh	1.8
12.Karnail Singh s/o Gurmukh singh	0.95
13.Kewal krishan s/o Ramnath	0.31
14.Makhan singh s/o Charan Singh	0.74
15.Ramandeep Singh s/o Khuhwant Singh	9.17
16.Kuldeep kaur w/o Kuldeep singh	0.79
17.Ranjodh Singh s/o Balwir Singh	1.17
18.Tejewant Singh s/o bhajan Singh	0.85
19.Inderjit Singh s/o Labh Singh	16.98
20.Harmanjit Singh s/o Inderjit Singh	2.76
21.Charanjit Singh s/o Naranjan Singh	19.9
22.Avtar Singh s/o Surinder singh	0.74
23.Daljit kaur w/o Mejar Singh	0.63
24.Ravinder kumar s/o Kedar nath	1.79
25.Munish kumar s/o Tarsem lal	1.79
26.Jeevan w/o Munish kumar	1.79
27.Anuradha w/o Munish kumar	1.79

58		48//	15	28.Gurmel kaur w/o Ishar Singh	0.28			1	4
58	561	48//	16/1	1.Gurmel kaur w/o Ishar Singh	0.08	1	2	0	3.33
				2.Joginder Singh s/o Niranjan Singh	5.48				
				3.Charanjit Singh s/o Niranjan Singh	0.28				
				4.Rajinder Singh s/o Gurdyal Singh	0.13				
				5.Surjit kaur w/o Harjinder Singh	0.13				
				6.Sukhdev Singh s/o Mewa Singh	0.63				
				7.Hardev Singh s/o Mewa Singh	0.63				
				8.Gurdyal kaur w/o Mewa Singh	0.63				
				9.Balwant Singh s/o Kehar Singh	0.41				
				10.Pritpal Singh s/o Sukhdev Singh	0.28				
				11.Sukhdev Singh s/o Kapur Singh	0.28				
				12.Karnail Singh s/o Gurmukh singh	0.15				
				13.Kewal krishan s/o Ramnath	0.05				
				14.Makhan singh s/o Charan Singh	0.11				
				15.Ramandeep Singh s/o Khuhwant Singh	4.58				
				16.Kuldeep kaur w/o Kuldeep singh	0.12				
				17.Ranjodh Singh s/o Balwir Singh	0.18				
				18.Tejewant Singh s/o bhajan Singh	0.13				

				19.Inderjit Singh s/o Labh Singh	2.66				
				20.Harmanjit Singh s/o Inderjit Singh	0.43				
				21.Charanjit Singh s/o Naranjan Singh	3.12				
				22.Avtar Singh s/o Surinder singh	0.11				
				23.Daljit kaur w/o Mejar Singh	0.1				
				24.Ravinder kumar s/o Kedar nath	0.28				
				25.Munish kumar s/o Tarsem lal	0.28				
				26.Jeevan w/o Munish kumar	0.28				
				27.Anuradha w/o Munish kumar	0.28				
				28.Gurmel kaur w/o Ishar Singh	0.04				
59		48//	16/2					0	11.03
59	487	48//	25	1.Mohinder Singh s/o Kartar Singh	14.55	6	11	0	7.38
				2.Jaswant Singh s/o Kartar Singh	14.55				
				3.Surjit Singh s/o Kartr Singh	8.6				
				4.Kamaljit kaur w/o Lakhbir Singh	2.97				
				5.Harjinder kaur w/o Pavittar Singh	2.97				
				6.Narjit Singh s/o Tara Singh	0.94				
				7.Sukhwant Singh s/o Tara Singh	0.94				
				8.Jagrup Singh s/o Tara Singh	0.94				
				9.Harbans Singh s/o Kartar Singh	1.5				

10.Hardeep Singh s/o Sukhdev Singh	1.5
11.Sultan Singh s/o Mukhtyar Siingh	19.58
12.Kamla Devi w/o Darbara Singh	0.08
13.Shingara Singh s/o Sadhu Singh	0.08
14.Sukhdev Singh s/o Sadhu Singh	0.06
15.Gulzar Singh S/o Sadhu Singh	0.06
16.Sukhwinder Singh s/o Sadhu Singh	0.06
17.Balvir Singh s/o Amar Singh	14.37
18.Sukhdev Singh s/o Amar Singh	14.37
19.Ranjit kaur w/o blvir Singh	0.17
20.Jaswinder Singh s/o Balvir Singh	0.17
21.Amarjit kaur w/o Gurdeep Singh	0.26
22.Gurcharan kaur w/o jarnail Singh	0.71
23.Labh Singh s/o Dalip Singh	0.71
24.Shweta Rani w/o Subhash Veer	0.71
25.Anita Rani w/o Davinder mohan	0.71
26.Asha Rani w/o Madan lal	0.71
27.Manjit Singh s/o Sikander Singh	0.13
28.Daljeet Singh s/o Sikander Singh	0.13
29.Harjinder kaur w/o Daljeet Singh	0.53
30.Kabal Singh s/o Bakshish Singh	1.62

31.Mohinder Singh s/o Kartar Singh	14.55
32.Jaswant Singh s/o Kartar singh	14.55
33.Surjit Singh s/o Kartar singh	8.6
34.Kamaljit kaur w/o Lakhbir Singh	2.97
35.Harjinder kaur w/o Pavittar Singh	2.97
36.Narjit Singh s/o Tara Singh	0.94
37.Sukhjwant Singh s/o Tara Singh	0.94
38.Jagroop Singh s/o Tara singh	0.94
39.Harbans Singh s/o Kartar singh	1.5
40.Hardeep Singh s/o Kartar Singh	1.5
41.Sultan Singh s/o Mukhtyar Singh	19.58
42.Kamla devi w/o Darbara Singh	0.08
43.Shingara Singh s/o Sadhu Singh	0.08
44.Sukhdev Singh s/o Sadhu Singh	0.06
45.Gulzar Singh s/o Sadhu Singh	0.06
46.Sukhwinder Singh s/o Sadhu singh	0.06
47.Balvir Singh s/o Amar Singh	14.37
48.Sukhdev Singh s/o Amar Singh	14.37
49.Ranjit kaur w/o Balbir Singh	0.17
50.Jaswinder singh s/o Balbir Singh	0.17
51.Amarjit kaur w/o Gurdeep Singh	0.26

				52.Gurcharan kaur w/o Jarnail singh	0.71				
				53.Labh singh s/o Dalip singh	0.71				
				54.Shhweta rani w/o subhash veer	0.71				
				55.Anita Rani w/o Davinder Mohan	0.71				
				56.Asha Rani w/o Madan Lal	0.71				
				57.Manjit Singh s/o Sikander Singh	0.13				
				58.Daljeet Singh s/o Sikander Singh	0.13				
				59.Harjinder kaur w/o Jajgit Singh	0.53				
				60.Nirmal Singh s/o Mohan Singh	1.62				
				61.Manjitr kaur w/o Sultan Singh	1.47				
				62.Jagtar Singh s/o Darshan Singh	1.24				
				63.Avtar Singh s/o Gurmel Singh	1.18				
				64.Nirmala Devi w/o Narata Ram	0.97				
				65.Reena Malhotra w/o Dharmpal Malhotra	0.88				
				66.Veena Sood w/o Vijay Kumar	0.97				
				67.Baljeet kaur w/o Ajit Singh	0.71				
60	74	78//	19/1	1.Balwant Singh s/o Sarban Singh	2.18	0	10	3	4.84
				2.Kharak Singh s/o Sarban Singh	2.18				
				3.Sant Singh s/o Sarban Singh	2.18				
				4.Karamjit Singh s/o Karnail Singh	0.83				
				5.Gurpreet kaur w/o Kuldeep Singh	0.49				

				6.Mandeep kaur w/o Amarijt Singh	0.68				
				7.Khushwinder Singh s/o Amarjit Singh	0.15				
				8.Surjit kaur w/o Sunder Singh	0.25				
				9.Choti d/o Sunder singh	0.25				
				10.Raminder Singh s/o Sunder Singh	0.25				
				11.Ranjit kaur w/o Karnail Singh	0.51				
69	71	78//	19/2	1.Randhir Singh s/o Inder Singh	7.75	5		11	
				2.Ripduman Singh s/o Inder Singh	7.75				
				3.Raghuwir Singh s/o Inder Singh	7.75				
				4.Ranvir Singh s/o Inder Singh	7.75				
70	74	78//	20/1	1.Balwant Singh s/o Sarban Singh	5.89	1	7	1	14.44
				2.Kharak Singh s/o Sarban Singh	5.89				
				3.Sant Singh s/o Sarban Singh	5.89				
				4.Karamjit Singh s/o Karnail Singh	2.3				
				5.Gurpreet kaur w/o Kuldeep Singh	1.33				
				6.Mandeep kaur w/o Amarijt Singh	1.84				
				7.Khushwinder Singh s/o Amarjit Singh	0.42				
				8.Surjit kaur w/o Sunder Singh	0.67				
				9.Choti d/o Sunder singh	0.67				
				10.Raminder Singh s/o Sunder Singh	0.67				
				11.Ranjit kaur w/o Karnail Singh	1.39				

71	71	78//	20/2	1.Randhir Singh s/o Inder Singh	11	2	4		
				2.Ripduman Singh s/o Inder Singh	11				
				3.Raghuwir Singh s/o Inder Singh	11				
				4.Ranvir Singh s/o Inder Singh	11				
72	71	78//	20/4	1.Lal Singh s/o Channan Singh	5	3	15		
				2.Avtar Singh s/o Channan Singh	5				
				3.Malkeet Singh s/o Lal Singh	12.5				
				4.Rajinder Singh s/o Lal Singh	12.5				
73	71	78//	21/1	1.Lal Singh s/o Channan Singh	14.67	5	4	5	4.17
				2.Avtar Singh s/o Channan Singh	14.67				
				3.Malkeet Singh s/o Lal Singh	17.33				
				4.Rajinder Singh s/o Lal Singh	17.33				
74	71	78//	21/2	1.Randhir Singh s/o Inder Singh	14	2	16		
				2.Ripduman Singh s/o Inder Singh	14				
				3.Raghuwir Singh s/o Inder Singh	14				
				4.Ranvir Singh s/o Inder Singh	14				
75	71	78//	22	1.Randhir Singh s/o Inder Singh	14.5	6	18	0	12.28
				2.Ripduman Singh s/o Inder Singh	14.5				
				3.Raghuwir Singh s/o Inder Singh	14.5				
				4.Ranvir Singh s/o Inder Singh	14.5				
76	172	77//	24/1	1.Ujagar Singh s/o Kartar Singh	14	3	8	0	12.03

				2.Avtar Singh s/o Ujagar Singh	17					
				3.Malkeet Kaur m/o Gurcharanjit Singh	5					
				4.Baljit Kaur w/o Gurcharanjit Singh	5					
				5.Amanpreet Singh s/o Gurcharanjit Singh	5					
77	72	77//	24/2	1.Lal Singh s/o Channan Singh	4	3	12	0	7.65	
				2.Avtar Singh s/o Channan Singh	4					
				3.Malkeet Singh s/o Lal Singh	12					
				4.Rajinder Singh s/o Lal Singh	12					
78	72	77//	25	1.Lal Singh s/o Channan Singh	13.33	8	0	4	17.67	
				2.Avtar Singh s/o Channan Singh	13.33					
				3.Malkeet Singh s/o Lal Singh	6.67					
				4.Rajinder Singh s/o Lal Singh	6.67					
79	250	80//	5	1.Lal Singh s/o Chanan Singh	11	6	4	1	8.34	
				2.Malkeet Singh s/o lal singh	2					
				3.Rajinder Singh s/o Lal Singh	11					
80	172	80//	1-Apr	1.Ujagar Singh s/o Kartar Singh	4	6	8	4	8.72	
				2.Avtar Singh s/o Ujagar Singh	12					
				3.Malkeet Kaur m/o Gurcharanjit Singh	10.67					
				4.Baljit Kaur w/o Gurcharanjit Singh	10.67					
				5.Amanpreet Singh s/o Gurcharanjit Singh	10.67					
81	172	80//	2-Apr	1.Ujagar Singh s/o kartar Singh	8	2	16	0	13.64	

				2.Malkeet kaur m/o Gurcharnjit Singh	4.66					
				3.Baljit Kaur w/o Gurcharnjit Singh	4.66					
				4.Amanpreet Singh s/o Gurcharnjit Singh	4.66					
				5.Avtar Singh s/o Ujagar Singh	14					
82	172	80//	3	1.Ujagar Singh s/o Kartar Singh	0	8	0	6	15.2	
				2.Avtar Singh s/o Ujagar Singh	0					
				3.Malkeet Kaur m/o Gurcharanjit Singh	13.33					
				4.Baljit Kaur w/o Gurcharnjit Singh	13.33					
				5.Amanpreet Singh s/o Gurcharnajit Singh	13.33					
83	172	80//	8	1.Ujagar Singh s/o kartar Singh	4.5	8	9	0	1.22	
				2.Malkeet kaur m/o Gurcharnjit Singh	14.08					
				3.Baljit Kaur w/o Gurcharnjit Singh	14.08					
				4.Amanpreet Singh s/o Gurcharnjit Singh	14.08					
				5.Avtar Singh s/o Ujagar Singh	2.25					
84	172	80//	1-Feb	1.Ujagar Singh s/o Kartar Singh	15	7	11	4	15.56	
				2.Avtar Singh s/o Ujagar Singh	17.75					
				3.Malkeet Kaur m/o Gurcharanjit Singh	12.58					
				4.Baljit Kaur w/o Gurcharnjit Singh	12.58					
				5.Amanpreet Singh s/o Gurcharnajit Singh	12.58					
85	173	80//	2-Feb	1.Nachhattar kaur w/o Gurdev Singh	1.5	0	9	0	9	

				2.Gurjeet Singh s/o Gurdev Singh	1.5				
				3.Sukhpinder Singh s/o Gurdev Singh	1.5				
				4.Gurmel Singh s/o Gurdial Singh	1.1				
				5.Sarabjeet Singh s/o Gurdial Singh	1.1				
				6.Swaranjit kaur D/o Gurdial Singh	1.1				
				7.Sarabjeet kaur d/o Gurdial Singh	0.09				
				8.Rashpal kaur w/o gurcharan Singh	0.28				
				9.Sandeep Pandher s/o Gurcharan Singh	0.28				
				10.Navdeep Singh s/o Gurcharan Singh	0.28				
				11.Teena pandher d/o Gurcharan Singh	0.28				
86	173	80//	9	1.Nachhattar kaur w/o Gurdev Singh	7.33	8	4	0	17.78
				2.Gurjeet Singh s/o Gurdev Singh	7.33				
				3.Sukhpinder Singh s/o Gurdev Singh	7.33				
				4.Gurmel Singh s/o Gurdial Singh	0.09				
				5.Sarabjeet Singh s/o Gurdial Singh	0.09				
				6.Swaranjit kaur D/o Gurdial Singh	0.09				
				7.Sarabjeet kaur d/o Gurdial Singh	1.64				
				8.Rashpal kaur w/o gurcharan Singh	5.02				
				9.Sandeep Pandher s/o Gurcharan Singh	5.02				
				10.Navdeep Singh s/o Gurcharan Singh	5.02				
				11.Teena pandher d/o Gurcharan Singh	5.02				

87	173	80//	2-Jan	1.Nachhattar kaur w/o Gurdev Singh	3	6	18	4	11.11
				2.Gurjeet Singh s/o Gurdev Singh	3				
				3.Sukhpinder Singh s/o Gurdev Singh	3				
				4.Gurmel Singh s/o Gurdyal Singh	16.91				
				5.Sarabjeet Singh s/o Gurdyal Singh	16.91				
				6.Swaranjit kaur D/o Gurdyal Singh	16.91				
				7.Sarabjeet kaur d/o Gurdyal Singh	1.38				
				8.Rashpal kaur w/o gurcharan Singh	4.23				
				9.Sandeep Pandher s/o Gurcharan Singh	4.23				
				10.Navdeep Singh s/o Gurcharan Singh	4.23				
				11.Teena pandher d/o Gurcharan Singh	4.23				
88	173	80//	10	1.Nachhattar kaur w/o Gurdev Singh	9.67	8	18	1	6.67
				2.Gurjeet Singh s/o Gurdev Singh	9.67				
				3.Sukhpinder Singh s/o Gurdev Singh	9.67				
				4.Gurmel Singh s/o Gurdyal Singh	1.81				
				5.Sarabjeet Singh s/o Gurdyal Singh	1.81				
				6.Swaranjit kaur D/o Gurdyal Singh	1.81				
				7.Sarabjeet kaur d/o Gurdyal Singh	1.78				
				8.Rashpal kaur w/o gurcharan Singh	5.45				
				9.Sandeep Pandher s/o Gurcharan Singh	5.45				
				10.Navdeep Singh s/o Gurcharan Singh	5.45				

				11.Teena pandher d/o Gurcharan Singh	5.45					
89	173	81//	2-May	1.Nachhattar kaur w/o Gurdev Singh	3	6	18	5	6.67	
				2.Gurjeet Singh s/o Gurdev Singh	3					
				3.Sukhpinder Singh s/o Gurdev Singh	3					
				4.Gurmel Singh s/o Gurdyal Singh	16.91					
				5.Sarabjeet Singh s/o Gurdyal Singh	16.91					
				6.Swaranjit kaur D/o Gurdyal Singh	16.91					
				7.Sarabjeet kaur d/o Gurdyal Singh	1.38					
				8.Rashpal kaur w/o gurcharan Singh	4.23					
				9.Sandeep Pandher s/o Gurcharan Singh	4.23					
				10.Navdeep Singh s/o Gurcharan Singh	4.23					
				11.Teena pandher d/o Gurcharan Singh	4.23					
90	173	81//	6	1.Nachhattar kaur w/o Gurdev Singh	6.67	8	0	0	17.78	
				2.Gurjeet Singh s/o Gurdev Singh	6.67					
				3.Sukhpinder Singh s/o Gurdev Singh	6.67					
				4.Gurmel Singh s/o Gurdyal Singh	19.6					
				5.Sarabjeet Singh s/o Gurdyal Singh	19.6					
				6.Swaranjit kaur D/o Gurdyal Singh	19.6					
				7.Sarabjeet kaur d/o Gurdyal Singh	1.6					
				8.Rashpal kaur w/o gurcharan Singh	4.9					
				9.Sandeep Pandher s/o Gurcharan Singh	4.9					

				10.Navdeep Singh s/o Gurcharan Singh	4.9				
				11.Teena pandher d/o Gurcharan Singh	4.9				
91	173	81//	1-Apr	1.Nachhattar kaur w/o Gurdev Singh	2.17	0	13	0	0.67
				2.Gurjeet Singh s/o Gurdev Singh	2.17				
				3.Sukhpinder Singh s/o Gurdev Singh	2.17				
				4.Gurmel Singh s/o Gurdial Singh	1.59				
				5.Sarabjeet Singh s/o Gurdial Singh	1.59				
				6.Swaranjit kaur D/o Gurdial Singh	1.59				
				7.Sarabjeet kaur d/o Gurdial Singh	0.13				
				8.Rashpal kaur w/o gurcharan Singh	0.4				
				9.Sandeep Pandher s/o Gurcharan Singh	0.4				
				10.Navdeep Singh s/o Gurcharan Singh	0.4				
				11.Teena pandher d/o Gurcharan Singh	0.4				
92	173	81//	2-Apr	1.Nachhattar kaur w/o Gurdev Singh	13	3	18	3	13.06
				2.Gurjeet Singh s/o Gurdev Singh	13				
				3.Sukhpinder Singh s/o Gurdev Singh	13				
				4.Gurmel Singh s/o Gurdial Singh	9.56				
				5.Sarabjeet Singh s/o Gurdial Singh	9.56				
				6.Swaranjit kaur D/o Gurdial Singh	9.56				
				7.Sarabjeet kaur d/o Gurdial Singh	0.78				
				8.Rashpal kaur w/o gurcharan Singh	2.39				

				9.Sandeep Pandher s/o Gurcharan Singh	2.39				
				10.Navdeep Singh s/o Gurcharan Singh	2.39				
				11.Teena pandher d/o Gurcharan Singh	2.39				
93	173	81//	7	1.Nachhattar kaur w/o Gurdev Singh	16	4	16	0	7.69
				2.Gurjeet Singh s/o Gurdev Singh	16				
				3.Sukhpinder Singh s/o Gurdev Singh	16				
				4.Gurmel Singh s/o Gurdyal Singh	11.76				
				5.Sarabjeet Singh s/o Gurdyal Singh	11.76				
				6.Swaranjit kaur D/o Gurdyal Singh	11.76				
				7.Sarabjeet kaur d/o Gurdyal Singh	0.96				
				8.Rashpal kaur w/o gurcharan Singh	2.94				
				9.Sandeep Pandher s/o Gurcharan Singh	2.94				
				10.Navdeep Singh s/o Gurcharan Singh	2.94				
				11.Teena pandher d/o Gurcharan Singh	2.94				
				Total		371	711	133	724.4

Source: Land records by PRBDB

Table 4.2: Land to be acquired from Village Rurka

Village	Sr. No.	Khata No.	Muraba No.	Kilaa. No.	Name of Folder	Share	Total area			Acquired Area	
						Marla	Kanal	Marla	Canal	Marla	
Rurka	1	150	35//	11	1.Kusum Goyal w/o Jeewan Goyal	19	3	19	0	18	
	2	150	240		Central Gorv.	8	0	8	0	8	
	3	611	35//	20/2	1.Gurdeep singh s/o Jagdev singh	10.83	3	5	1	8.07	
					2.sukhdeep singh s/o jagdev singh	10.83					
					3.palwinder singh s/o baldev singh	10.83					
					4.Amerjeet kaur w/o mahinder singh	16.57					
					5.Jagdev singh s/o hushiar singh	15.92					
	4	610	35//	21	1.Gurdeep sing s/o Gagdav singh	6.66	8	0	4	8	
					2.Sukdeep Singh s/o Gagdav singh	6.66					
					3.Palvindar Singh s/o Baldav singh	6.66					
					4.Jagdav singh s/o Huahair singh	0					
	5	611	36//	25	1.Gurdeep singh s/o Jagdev singh	6.16	1	17	0	18.33	
					2.sukhdeep singh s/o jagdev singh	6.16					
					3.palwinder singh s/o baldev singh	6.16					
					4.Amerjeet kaur w/o mahinder singh	9.43					
					5.Jagdev singh s/o hushiar singh	9.06					
	6	610	38//	1	1.Gurdeep singh s/o jagdev singh	6.66	8	0	4	8	
					2.sukhdeep singh s/o jagdev singh	6.66					

				3.palwinder singh s/o baldev singh	6.66				
				4.Jagdev singh s/o hushiar singh	0				
7	610	38//	10	1.Gurdeep singh s/o jagdev singh	6.66	8	0	4	8
				2.sukhdeep singh s/o jagdev singh	6.66				
				3.palwinder singh s/o baldev singh	6.66				
				4.Jagdev singh s/o hushiar singh	0				
8	602	38//	11	1.Dhantwant singh s/o mukhtiyar singh	4.33	8	0	4	8
				2.Naghiaya singh s/o mukhtiyar singh	16.2				
				3.Amandeep singh s/o sultan singh	2.26				
				4.Naghiaya singh s/o mukhtiyar singh	3.97				
				5.Sukhveer singh s/o baljinder singh	5.54				
				6.Kuljeet singh s/o amar singh	11.08				
				7.Sukhveer singh s/o baljinder singh	5.54				
				8.Sukhveer singh s/o baljinder singh	5.54				
				9.Kuljeet singh s/o amar singh	5.54				
9	602	38//	20/1	1.Dhantwant singh s/o mukhtiyar singh	4.92	3	2	1	12.22
				2.Naghiaya singh s/o mukhtiyar singh	6.27				
				3.Amandeep singh s/o sultan singh	16.33				
				4.Naghiaya singh s/o mukhtiyar singh	1.54				
				5.Sukhveer singh s/o baljinder singh	2.14				
				6.Kuljeet singh s/o amar singh	5				
				7.Sukhveer singh s/o baljinder singh	2.14				
				8.Sukhveer singh s/o baljinder singh	2.14				

				9.Kuljeet singh s/o amar singh	2.14					
10	440	38//	20/2	1.Tarlochan singh s/o bachan singh	1	2	2	0	13.71	
				2.Kulwinder kaur w/o swarandeeep singh	7					
				3.Mandeeep singh s/o swarandeeep singh	7					
				4.Tej jagdeep singh s/o swarandeeep singh	7					
11	518	38//	20/3	1.Manjit Singh s/o Gurdyal Singh	9.33	1	8	1	9	
				2.Nirmal Singh s/o Ranjit Singh	1.4					
				3.Jagruup Singh s/o Dalbara Singh	0.17					
				4.Sarabpreet Singh s/o Harbans Singh	1.24					
				5.Avtar Singh s/o Harbaksh Singh	2.33					
				6.Nirmal Singh s/o Ram Singh	0.31					
				7.Sunita Rani w/o Naresh Kumar	0.62					
				8.Neeru Rani w/o Sanjiv Kumar	0.62					
				9.Manddep Singh s/o Darshan Singh	0.62					
				10.Sushil Kumar s/o Amar Chand	1.09					
				11.Dharminder Singh s/o Gurmel Singh	1.56					
				12.Inderesh Singh s/o Malkit Singh	1.09					
				13.Gurwinder Singh s/o Bacchittar Singh	1.24					
				14.Gagandeeep Singh s/o Balwir Singh	3.11					
				15.Gurmeet kaur w/o Balwinder Singh	0.93					
				16.Kirandeeep s/o Mangat Rai	0.47					
				17.Mamta rani w/o Anil Kumar	0.31					

				18.Anita Rani w/o Rakesh kumar	0.31				
				19.Sapandeep D/o Harbhagwan Singh	0.62				
				20.Amandeep Singh s/o Nirmal Singh	0.62				
12	518	38//	21/1	1.Manjit Singh s/o Gurdyal Singh	17.33	2	12	2	11.67
				2.Nirmal Singh s/o Ranjit Singh	2.6				
				3.Jagruup Singh s/o Dalbara Singh	0.31				
				4.Sarabpreet Singh s/o Harbans Singh	2.31				
				5.Avtar Singh s/o Harbaksh Singh	4.33				
				6.Nirmal Singh s/o Ram Singh	0.58				
				7.Sunita Rani w/o Naresh Kumar	1.15				
				8.Neeru Rani w/o Sanjiv Kumar	1.15				
				9.Manddep Singh s/o Darshan Singh	1.16				
				10.Sushil Kumar s/o Amar Chand	2.02				
				11.Dharminder Singh s/o Gurmel Singh	2.89				
				12.Inderesh Singh s/o Malkit Singh	2.02				
				13.Gurwinder Singh s/o Bacchittar Singh	2.31				
				14.Gagandeep Singh s/o Balwir Singh	5.78				
				15.Gurmeet kaur w/o Balwinder Singh	1.73				
				16.Kirandeep s/o Mangat Rai	0.87				
				17.Mamta rani w/o Anil Kumar	0.58				
				18.Anita Rani w/o Rakesh kumar	0.58				
				19.Sapandeep D/o Harbhagwan Singh	1.16				

13	440	38//	21/2	1.Tarlochan singh s/o bachan singh	14	5	8	1	16.33
				2.Kulwinder kaur w/o swarandeeep singh	18				
				3.Mandeeep singh s/o swarandeeep singh	18				
				4.Tej jagdeep singh s/o swarandeeep singh	18				
14	611	37//	5	1.Gurdeep singh s/o Jagdev singh	0	6	0	1	0.07
				2.Sukhdeep singh s/o jagdev singh	0				
				3.Palwinder singh s/o baldev singh	0				
				4.Amerjeet kaur w/o mahinder singh	10.5				
				5.Jagdev singh s/o hushiar singh	9.5				
15	611	37//	1-Jun	1.Gurdeep singh s/o Jagdev singh	3.66	1	2	0	2.78
				2.sukhdeep singh s/o jagdev singh	3.66				
				3.palwinder singh s/o baldev singh	3.66				
				4.Amerjeet kaur w/o mahinder singh	5.6				
				5.Jagdev singh s/o hushiar singh	5.42				
16	602	37//	2-Jun	1.Dhantwant singh s/o mukhtiyar singh	15.47	6	18	0	17.22
				2.Naghiaya singh s/o mukhtiyar singh	13.96				
				3.Amandeeep singh s/o sultan singh	16.43				
				4.Naghiaya singh s/o mukhtiyar singh	3.42				
				5.Sukhveer singh s/o baljinder singh	4.78				
				6.Kuljeet singh s/o amar singh	9.56				
				7.Sukhveer singh s/o baljinder singh	4.78				
				8.Sukhveer singh s/o baljinder singh	4.78				

				9.Kuljeet singh s/o amar singh	4.78				
17	602	37//	15	1.Dhantwant singh s/o mukhtiyar singh	4	8	0	1	0.07
				2.Naghiaya singh s/o mukhtiyar singh	16				
				3.Amandeep singh s/o sultan singh	2				
				4.Naghiaya singh s/o mukhtiyar singh	4				
				5.Sukhveer singh s/o baljinder singh	5.25				
				6.Kuljeet singh s/o amar singh	13				
				7.Sukhveer singh s/o baljinder singh	5.25				
				8.Sukhveer singh s/o baljinder singh	5.25				
				9.Kuljeet singh s/o amar singh	5.25				
18	602	37//	16/1	1.Dhantwant singh s/o mukhtiyar singh	16.08	2	0	0	6.45
				2.Naghiaya singh s/o mukhtiyar singh	4.07				
				3.Amandeep singh s/o sultan singh	10.56				
				4.Naghiaya singh s/o mukhtiyar singh	1				
				5.Sukhveer singh s/o baljinder singh	1.38				
				6.Kuljeet singh s/o amar singh	2.77				
				7.Sukhveer singh s/o baljinder singh	1.38				
				8.Sukhveer singh s/o baljinder singh	1.38				
				9.Kuljeet singh s/o amar singh	1.38				
19	518	37//	16/2	1.Manjit Singh s/o Gurdyal Singh	9.66	4	9	0	10.14
				2.Nirmal Singh s/o Ranjit Singh	4.45				
				3.Jagruup Singh s/o Dalbara Singh	0.52				
				4.Sarabpreet Singh s/o Harbans Singh	3.95				

				5.Avtar Singh s/o Harbaksh Singh	7.41				
				6.Nirmal Singh s/o Ram Singh	0.98				
				7.Sunita Rani w/o Naresh Kumar	1.96				
				8.Neeru Rani w/o Sanjiv Kumar	1.96				
				9.Manddep Singh s/o Darshan Singh	1.97				
				10.Sushil Kumar s/o Amar Chand	3.46				
				11.Dharminder Singh s/o Gurmel Singh	4.94				
				12.Inderesh Singh s/o Malkit Singh	3.46				
				13.Gurwinder Singh s/o Bacchittar Singh	1.22				
				14.Gagandeep Singh s/o Balwir Singh	9.88				
				15.Gurmeet kaur w/o Balwinder Singh	2.96				
				16.Kirandeep s/o Mangat Rai	1.48				
				17.Mamta rani w/o Anil Kumar	0.98				
				18.Anita Rani w/o Rakesh kumar	0.98				
				19.Sapandeep D/o Harbhagwan Singh	1.97				
				20.Amandeep Singh s/o Nirmal Singh	1.97				
20	518	37//	25/1	1.Manjit Singh s/o Gurdyal Singh	3.67	6	11	0	17.28
				2.Nirmal Singh s/o Ranjit Singh	6.55				
				3.Jagruup Singh s/o Dalbara Singh	0.78				
				4.Sarabpreet Singh s/o Harbans Singh	5.82				
				5.Avtar Singh s/o Harbaksh Singh	10.92				
				6.Nirmal Singh s/o Ram Singh	1.46				

				7.Sunita Rani w/o Naresh Kumar	2.89				
				8.Neeru Rani w/o Sanjiv Kumar	2.89				
				9.Manddep Singh s/o Darshan Singh	2.91				
				10.Sushil Kumar s/o Amar Chand	5.09				
				11.Dharminder Singh s/o Gurmel Singh	7.28				
				12.Inderesh Singh s/o Malkit Singh	5.09				
				13.Gurwinder Singh s/o Bacchittar Singh	5.82				
				14.Gagandeep Singh s/o Balwir Singh	14.56				
				15.Gurmeet kaur w/o Balwinder Singh	4.37				
				16.Kirandeep s/o Mangat Rai	2.18				
				17.Mamta rani w/o Anil Kumar	1.46				
				18.Anita Rani w/o Rakesh kumar	1.46				
				19.Sapandeep D/o Harbhagwan Singh	2.91				
				20.Amandeep Singh s/o Nirmal Singh	2.91				
21	503	37//	25/2	1.Jora Singh s/o Santa Singh	1.31	0	14	0	2.78
				2.Pritam Singh s/o Santa Singh	1.31				
				3.Rajinder Singh s/o Nachatar Singh	1.38				
				4.Sukhwinder Singh s/o Nachatar Singh	0.29				
				5.Surinder singh s/o Nachatar Singh	1.38				
				6.Mahinder kaur w/o Sarban Singh	4.37				
				7.Sarban Singh s/o Gurbaksh Singh	1.75				
				8.Nachatar Kaur w/o Nachatar Singh	1.09				

Rurka	22	500	52//	1	9.Sukhminder singh s/o Nachatar Singh	1.09					
					1.Tarlochan singh s/o bachan singh	15.13	8	0	4	8	
					2.Kulwinder kaur w/o swarandeeep singh	6.66					
					3.Mandeep singh s/o swarandeeep singh	6.66					
					4.Tej jagdeep singh s/o swarandeeep singh	11.55					
	23	500	52//	1-Oct	1.Tarlochan singh s/o bachan singh	16.68	6	9	4	2	
					2.Kulwinder kaur w/o swarandeeep singh	1.5					
					3.Mandeep singh s/o swarandeeep singh	1.5					
					4.Tej jagdeep singh s/o swarandeeepsingh	9.32					
	24	422	52//	2-Oct	1.lashman singh s/o gurdiyal singh	14.73	1	5			
					2.jora singh s/o santa singh	1.68					
					3.taranjeet singh s/o najar singh	2.86					
					4.Gurinder singh s/o harbans singh	1.91					
				5.Harcharan singh s/o harbans singh	1.91						
				6.Amritpal singh s/o pyara singh	1.91						
25	422	52//	11	1.lashman singh s/o gurdiyal singh	6.65	7	7	2	16.83		
				2.jora singh s/o santa singh	9.72						
				3.taranjeet singh s/o najar singh	16.87						
				4.Gurdiyal singh s/o harbans singh	11.24						
				5.Harcharan singh s/o harbans singh	11.24						
				6.Amritpal singh s/o pyara singh	11.24						
26	338	52//	20	1.Bachtar singh s/o Dilip singh	18.5	7	8	1	0.17		

Village	Sr. No.	Khata No.	Muraba No.	Kilaa. No.	Name of Folder	Share	Total area			Acquired Area	
							Marla	Kanal	Marla	Canal	Marla
					2.Jagdav singh s/o Dlip singh	18.5					
					3.Shinder Singh s/o Ajit Singh	9.25					
					4.Joginder Singh s/oi Ajit Singh	9.25					
					5.Manjinder Singh s/o Ajit Singh	9.25					
					6.Sukhwinder Singh s/o Ajit Singh	9.25					
					7.Jaswant Kaur w/o Bant Singh	17					
					8.Pal Singh s/o Gurdev Singh	9.25					
					9.Sikander Singh s/o Gurdev Singh	9.25					
					10.Paramjit Singh s/o Jinder Singh	9.25					
					11.Sukhwinder Singh s/o Mejar Singh	3.08					
					12.Charanjit Singh s/o Mejar Singh	3.08					
					13.Baljit Kaur w/o Mejar Singh	3.08					
	27	508	53//	5	1.Amrik Singh s/o Harchand Singh	10	7	10	1	2	
					2.Malkit Singh s/o Harchand Singh	10					
					3.Sohan Singh s/o Harchand Singh	10					
					4.Jagtar Singh s/o Amrik Singh	3					
					5.sarvan Singh s/o Gurbakash Singh	5					
					6.Jora Singh s/o Santa Singh	10					
					7.Mahinder Kaur w/o Sarvan Singh	13					
					8.Nachhatar kaur w/o Nachhatar singh	3					

				9.Rajinder Singh s/o Nachhatar Singh	3				
				10.Sukhwinder Singh s/o Nachhatar Singh	3				
28		53//	1-Jun					1	10
29		53//	15/1					1	2
30	422	53//	15/2	1.lashman singh s/o gurdiyal singh	17	1	9	1	9.33
				2.jora singh s/o santa singh	2				
				3.taranjeet singh s/o najar singh	3.37				
				4.Gurdiyal singh s/o harbans singh	2.21				
				5.Harcharan singh s/o harbans singh	2.21				
				6.Amritpal singh s/o pyara singh	2.21				
31		53//	16/1					0	11.5
32	338	53//	16/2	1.Bachtar singh s/o Dilip singh	13.63	5	9	3	17.17
				2.Jagdav singh s/o Dlip singh	13.63				
				3.Shinder Singh s/o Ajit Singh	6.81				
				4.Joginder Singh s/oi Ajit Singh	6.81				
				5.Manjinder Singh s/o Ajit Singh	6.81				
				6.Sukhwinder Singh s/o Ajit Singh	6.81				
				7.Jaswant Kaur w/o Bant Singh	7.25				
				8.Pal Singh s/o Gurdev Singh	6.81				

				9.Sikander Singh s/o Gurdev Singh	6.81				
				10.Paramjit Singh s/o Jinder Singh	6.81				
				11.Sukhwinder Singh s/o Mejar Singh	2.27				
				12.Charanjit Singh s/o Mejar Singh	2.27				
				13.Baljit Kaur w/o Mejar Singh	2.27				
33	337	53//	25	1.Bikar Singh s/o Bachan Singh	19	7	16	5	12
				2.Harbans Singh s/o Bachan Singh	19				
				3.Paramjeet Singh s/ o Pargat Singh	19				
				4.Balwinder Singh s/o Sikander Singh	19				
34	429	53//	24/1	1.Dilsaaj singh s/o pyara singh	4.5	4	18	0	8
				2.Bhupinder singh s/o pyara singh	4.5				
				3.Pargat singh s/o bhan singh	6.76				
				4. jaswant kaur w/o bant singh	0.5				
				5.Paramjeet singh s/o pargat singh	6				
				6.Ravinder singh s/o pargat singh	0.03				
				7.Kulwinder singh s/o nachhtar singh	5.83				
				8.Rajwinder singh s/o nachhtar singh	5.83				
				9.Paramjeet singh s/o Pargat Singh	4.05				
35	428	56//	4	1.Dilsaaj singh s/o pyara singh	2.11	8	0	4	2
				2.Bhupinder singh s/o pyara singh	2.11				
				3.Jaswant kaur w/o Bant singh	8.38				
				4.Pargat Singh s/o Bhan Singh	10.91				
				5.Paramjeet singh s/o pargat singh	6.82				

				6.Kulwinder Singh s/o Nachhatar Singh	8.11					
				7.Rajwinder Singh s/o Nachhatar Singh	8.11					
				8.Paramjeet Singh s/o Pargat Singh	13.41					
		56//	6					0	0.11	
36	428	56//	7	1.Dilsaaj singh s/o pyara singh	2.11	8	0	4	15.53	
				2.Bhupinder singh s/o pyara singh	2.11					
				3.Jaswant kaur w/o Bant singh	8.38					
				4.Pargat Singh s/o Bhan Singh	10.91					
				5.Paramjeet singh s/o pargat singh	6.82					
				6.Kulwinder Singh s/o Nachhatar Singh	8.11					
				7.Rajwinder Singh s/o Nachhatar Singh	8.11					
				8.Paramjeet Singh s/o Pargat Singh	13.41					
37	337	56//	1-May	1.Bikar Singh s/o Bachan Singh	19	3	16	1	16	
				2.Harbans Singh s/o Bachan Singh	19					
				3.Paramjeet Singh s/ o Pargat Singh	19					
				4.Balwinder Singh s/o Sikander Singh	19					
38	429	56//	2-May	1.Dilsaj Singh s/o Pyara Singh	0	4	0	0	15	
				2.Bhupinder singh s/o pyara singh	0					
				3.Pargat singh s/o bhan singh	5.52					
				4.Jaswant kaur w/o Bant Singh	0.4					
				5.Paramjeet singh s/o pargat singh	4.89					
				6.Ravinder singh s/o pargat singh	0.02					
				7.Kulwinder singh s/o nachhtar singh	4.76					

				8.Rajwinder singh s/o nachhtar singh	4.76				
				9.Paramjeet singh s/o Pargat Singh	19.61				
39	100	56//	2-Aug	1.Gurnaam Singh s/o Pritam Singh	12	0	16	1	10.56
				2.Gurdev Kaur w/o Pritam Singh	4				
40	428	56//	14	1.Dilshad Singh s/o Pyara Singh	1.84	7	0	0	14.17
				2.Bhupinder Singh s/o Pyara Singh	1.84				
				3.Jaswant kaur w/o Bant Singh	17.34				
				4.Pargat Singh s/o Bhan Singh	9.54				
				5.Paramjit Singh s/o Pargat Singh	5.96				
				6.Kulwinder Singh s/o Nachatar Singh	7.1				
				7.Rajwinder Singh s/o Nachatar Singh	7.1				
				8.Paramjit Singh s/o Pargat Singh	9.24				

41	100	56//	13/1	1.Gurnaam Singh s/o Pritam Singh	12	0	16	0	6.33
				2.Gurdev Kaur w/o Pritam Singh	4				
42	428	56//	13/2	1.Dilsaaj singh s/o pyara singh	1.88	7	3	4	19.5
				2.Bhupinder singh s/o pyara singh	1.88				
				3.Jaswant kaur w/o Bant singh	19				
				4.Pargat Singh s/o Bhan Singh	9.75				
				5.Paramjeet singh s/o pargat singh	6				
				6.Kulwinder Singh s/o Nachhatar Singh	7.25				
				7.Rajwinder Singh s/o Nachhatar Singh	7.25				
				8.Paramjeet Singh s/o Pargat Singh	10				
43	429	56//	18/1	1.Dilsaj Singh s/o Pyara Singh	15.5	3	2	0	17.94
				2.Bhupinder singh s/o pyara singh	15.5				
				3.Pargat singh s/o bhan singh	4.28				
				4.Jaswant kaur w/o Bant Singh	0.31				
				5.Paramjeet singh s/o pargat singh	3.79				
				6.Ravinder singh s/o pargat singh	0.02				
				7.Kulwinder singh s/o nachhtar singh	3.69				
				8.Rajwinder singh s/o nachhtar singh	3.69				
				9.Paramjeet singh s/o Pargat Singh	15.2				

44	100	56//	18/2	1.Gurnam Singh s/o Pritam Singh	7.5	0	10	0	6
				2.Gurdev Kaur w/o Pritam Singh	2.5				
45	370	56//	19	1.Gurnaam Singh s/o Pritam Singh	1.5	2	3	2	15.85
				2.Gurdev Kaur w/o Pritam Singh	1.5				
46	370	56//	12	1.Gurdev Kaur w/o Pritam Singh	0	8	0	0	18.89
				2.Gurnam Singh s/o Pritam Singh	0				
Total						188	292	63	461

Source: Land Record by PRBDB

As mentioned above, acquisition of 21.14acre land is from Dehlon village and 11.10 acres land is to be acquired from village Rurka. The proposed land for acquisition is mainly used for agricultural purposes. Details of land Plan are marked on *sajra* maps

4.5 TYPE OF LAND

Following section presents type of land required for proposed Bypass. Type of land being impacted is taken from record of Revenue Department. The proposed project stretch will involve acquisition of about 32.82 acres of land in which majority of the land is being owned by private Owners. (Table 4.3)

Table 4.3: Project Area: Loss of Land

Village	Land(area in acre)	Structures(In proposed Land)			Total
	Private and Government (approx.)	Residential	Commercial	Other	
Dehlon	21.8	0	0	1 closed factory	21.8

Table 4.4: Project Area: Loss of Land

Village	Land(area in acre)	Structures(In proposed Land)			Total
	Private and Government (approx.)	Residential	Commercial	Other	
Rurka	11.10	0	0	2(bore-wells)	11.10

Table 4.3 and 4.4 presents that 21.8 acres of Land is being proposed to be acquired from village Dehlon and 11.10 acres from village Rurka. There are two bore-wells constructed in the land. There is also one factory in the land of village Dehlon but this factory is not working from long time and PRBDB is not considering this factory as commercial. One plot is there which is for crematorium for domestic animals *Hadda Rohri*.

4.6 Classification of Land

The Land in both Dehlon and Rurka is basically a agricultural land and irrigation of water is there for agricultural land. Irrigation is from borewells. In Punjab mainly there is one type cropping pattern which is Rice in summers and Wheat in winters. Similarly in both of these villages mainly two crops are being cultivated in the fields.

4.7 Irrigation Sources

Table 4.5: No. of Tubewells & Pumping Sets			
Block	Electric Operated Tube Wells Electric	Diesel Operated	Additional Bores
Dehlon	5953	6578	6341

Source: esopb.gov.in/DistrictReports

4.8 Cropping Pattern

Table 4.6: Area under different crop pattern (Hect.)								
Block	Total Area	Wheat	Paddy	Cotton	Sugar-cane	Maize	Other Cereals	Oil seeds
Dehlon	30923	23197	22662	45	191	83	309	144

Source: esopb.gov.in/DistrictReports

Table 4.6 presents that 84.83% land is being cultivated for Wheat crop in the block of Dehlon, district Ludhiana. 73.28 % is being cultivated for Paddy (Rice), 0.14% for cotton, 0.61% for sugarcane, 0.26% for maize, 0.99% for other cereals and 0.46% for oil seeds in the Dehlon block.

Land Prices

Assessing the land prices for the compensation is a part of SIA study.

Table 4.7: Rate of the land at village Rurka for the Year 2015-16

Sr. No.	Village	Type of Land	Present Collector Rate	Unit	Proposed rate	Change
1.	Rurka	Agriculture (Main Road)	31,96,800	Acre	28,77,120	10%
2.		Agriculture (Link Road)	22,46,400	Acre	20,21,760	10%
3.		Agriculture	18,14,400	Acre	16,32,960	10%
4.		Commercial	31,104	Marla	26,440	10%
5.		Residential	15,552	Marla	13,996	10%
6.		Industry/Dairy	21,780	Marla	19,602	10%

Table 4.8: Rate of the land at village Dehlon for the Year 2015-16

Sr. No.	Village	Type of Land	Present Collector Rate	Unit	Proposed rate	Change
1.	Dehlon	Agriculture (Main Road)	86,40,000	Acre	77,76,000	10%
2.		Agriculture (Link Road)	31,10,400	Acre	27,99,360	10%
3.		Agriculture	22,89,600	Acre	20,60,640	10%
4.		Commercial	95,040	Marla	80,784	10%
5.		Residential	43,200	Marla	38,880	10%
6.		Industry/Dairy	66,530	Marla	59,877	10%

Source: http://ludhiana.nic.in/dept/dcoff/201516/crate_dehlon.pdf

Chapter 5
***Socio-economic and Cultural Profile
of Affected area***

CHAPTER - 5: Socio-economic and Cultural Profile

5.1 GENERAL

This chapter describes about the socio-economic profile of the project area and the project affected persons. This chapter specifically analyzes the impacts on land and other immovable assets based on detailed Measurement Survey. Based on the impact on land and structures, a Sample and Census Survey was carried out; and the results of the Survey established socio-economic status of PAFs. The survey has indicated the nature and characteristics of R&R interventions required to mitigate negative impacts of the proposed project.

5.2 THE PROJECT AREA

(i) General: Dehlon village is in the Ludhiana district of Punjab and it is 19 Km away from Ludhiana city. Dehlon village has population of 5190 of which 2741 are males while 2449 are females as per Population Census 2011². Dehlon village has higher literacy rate as compared to Punjab. In 2011, literacy rate of Dehlon village was 84.44 % compared to 75.84 % of Punjab. In Dehlon Male literacy stands at 87.36 % while female literacy rate was 81.15 %. Dehlon falls on the road connecting Ludhiana and Malerkotla. This route has heavy flow of traffic and the bottle neck at this point (Dehlon) often leads to traffic jams and accidents.

(ii) Land Use Pattern: General Land Use Pattern of the State indicated that the project area has mixed land use dominated by agriculture (82.61%) followed by land not available for agricultural use (10.57%), forest (5.84%) and fallow (0.74%). Economy of the project areas is predominantly subsistence agriculture with wheat, maize cultivation as the main activity. Small level orchard farming (Mango, guava, banana) is also undertaken.

² <http://www.census2011.co.in/data/village/33540-dehlon-punjab.html>

5.3 Socio -Economic Characteristics of the Project Area:

Most of the people in the project area are dependent on the agricultural activities. The table below indicates that the project area depicts average performance on important development indices such as work participation rate (48.42%). The socio-cultural indicators point to low development indices. Total literacy rate of village Dehlon is 84.44% compared to 75.84 % of Punjab. This is a region with a high decadal growth rate of population of above 54.87%. (Table 5.1)

Table 5.1: Social and Economic Indicators of the Project Area

State/ District/ Block/ Village	Economic		Social& Demographic			
	Agricultural Workers(%)	Non Agricultural workers(%)	Literacy			SC (%)
			Total	Male	Female	
Punjab	35.5	-	76.7	81.5	71.3	28.85
Ludhiana	12.87	24.20	82.2	85.9	77.8	38.69
Dehlon	6.91	27.61	76.51	-	-	38.40
Rurka	11.15	20.62	75.79	77.25	68.75	34.87

Source: 1.Reports of ESO Punjab Management Information System – Village Directories

2.Punjab at a Glance, District – Wise, Govt. of Punjab, India

3. CCSR Punjabi University Patiala.

Age

To know about age of stakeholders gives the SIA study good idea about area and its people because if the number of older people is high in specific area then there can be different problems and attitudes of that respective area. If the number of younger people is high then social problems, attitudes can be different like unemployment and drug addiction. So the understanding of the age pattern is very important and age data of all the respondents is given below in table 5.2.

Table 5.2: Age Limit of Respondents

Age	Number	Percentage
1-20	0	0%
21-40	22	25.2%
41-60	41	47.1%
61 and above	24	27.6%
Total	87	100%

Source: Field Survey

Above mentioned table it is shown that majority of the stakeholders in this study is from the age limit of 41-60. They contribute 47.1% of the total. 27.6% stakeholders are from the age limit of 61 and above. 25.2% stakeholders are from the age limit of 21-40. This table represents that the stakeholders whom land is proposed to be acquired for the Dehlon Bypass are mature people and majorly above 40 years.

Sex

In society there are mainly two sexes male and female. In every society the condition of male and female is very different. If we take the example of Indian Society, here the status of female is somewhat low then male because of no valid reasons but it is in the thinking of our society. So, it is important to understand sex ratio in the area we are studying because with that we can also understand the views of females also. Sex ratio of the stakeholders is shown in table 5.3.

Table 5.3: Table showing Sex of Respondents

Sex	Number	Percentage
Female	25	28.7%
Male	62	71.3%
Total	87	100%

Source: Field Survey

Above mentioned table, it is shown that female respondents in this study are 25. They contribute 28.7% of the total. 71.3% respondents are males with the number of 62. It is

mentioned that these 25 females are not the owners of the land but they are included in the study because the impacts of this project can be on them also.

Social category

In India we are stratified into different groups at economic and social level. It is a feature of our society that people are socially stratified means they are ranked up and down according to their social category mainly by their respective castes. Social categories are developed by people of society over the years and centuries, now we have to live according to our social category. When we conducting a SIA study at village level then we have to know the social categories of respondents because problems and impacts on different categories can be different. Social Categories of respondents are shown in table 5.4.

Table 5.4: Table showing Social category of Respondents

Social Category	Number	Percentage
General	84	96.6%
S.C.	03	3.4%
B.C.	00	0%
Total	87	100%

Source: Field Survey

Above mentioned table it is shown that majority of the respondents in this study are from General social category. They contribute 96.6% of the total. 3.4% respondents are from the Schedule Caste category. There is no respondent from B.C and O.B.C. social categories. Also according to Punjab Government there are no S.T. in the State.

Religion

India is a diverse country where people of many types are living together. People are divided into many languages, social categories, geographical areas, races and religions. In India the main religions are like Hinduism, Jainism, Buddhism, Sikhism, Judaism, Christianity, Islam. People of India are divided into these religion and they live their life according to the perching of their respective religion. In Punjab Sikhism and Hinduism contribute around 90% of the total population and 10% population is distributed in Islam,

Buddhism, Jainism and Christianity. Religion of this study's respondents are shown in table 5.5

Table 5.5: Table showing Religion of Respondents

Religion	Number	Percentage
Hindu	1	1.1%
Sikh	86	98.9%
Others	00	0%
Total	87	100%

Source: Field Survey

Above mentioned table it is shown that majority of the respondents in this study is from Sikh Religion. They contribute 98.9% of the total. 1.1% respondents are from the Hindu Religion.

Income

In present day scenario income level of person is becoming very important because every thing now is a commodity which can be bought from the market. Our basic needs are now so costly that many people in India are not able to buy the basic needs. From Social status to education, Social relations to Marriage and even religions are based upon person's income level. So, to know about the income of respondents is very important because. We also can find out the diversity of income in one particular area. Income of respondents is shown in table 5.6.

Table 5.6: Table showing Income level (annually) of Respondents

Income Level (annual)	Number	Percentage
20,000 and less	6	6.9%
20,000- 40,000	0	0%
40,000-60,000	7	8%
60,000-80,000	12	13.8%
80,000-1,00,000	33	37.9%
1,00,000 and above	29	33.3%
Total	87	100%

Above mentioned table it is shown that majority of the respondents in this study lies between the income of 80,000 to 1, 00,000 annually. They contribute 37.9% of the total. 33.3% respondent's income is above one lakh. 13.8 % respondents have the income of 60,000 to 80,000 annually. This shows that around 85% respondent's income is above 60,000 annually as declared by the respondents.

Education

Education is becoming need of present day. There is also a difference between education level of rural people and urban people in India because of many factors. This is also the reason why people are migrating from villages to cities where education opportunities are more. It can be said that Education leads to better economic, social status for any individual. Education level of respondents of this study is shown in table 5.7.

Table 5.7: Table showing Education level of Respondents

Education level	Number	Percentage
Illiterate	12	13.8%
Up to 5 th	5	5.7%
Matric	50	57.5%
12 th	14	16.1%
Graduation	5	5.7%
Post Graduation	1	1.1%
Total	87	100%

Source: Field Survey

Above mentioned table it is shown that majority of the respondents in this study is Studied up to Matric. They contribute 57.5% of the total. 16.1% respondents have a education up to 12th. 13.8% respondents are illiterate. There is only 6 respondents out of 87 respondent who have done graduation or post graduation.

Type of the Family and Marital Status

Type of Family and Marital status of respondents is shown in the table . Above mentioned table it is shown that majority of the respondents live in an nuclear family. They contribute 75.9% of the total. 24.1% respondents live in joint family. In terms of marital status 88.5% of the respondents are married and 10.3% are unmarried. There is one widow in village Rurka.

Table 5.8:Table showing Family type & Marital Status of Respondents

Number of family members	Number of Respondents	Percentage	Marital Status	Number of Stakeholders	Percentage
Nuclear	66	75.9%	Married	77	88.5%
Joint	21	24.1%	Unmarried	9	10.3%
Total	87	100%	Widow	1	1.1%
			Total	87	100%

Source: Field Survey

Occupation

In 5.9 table, it is shown that 59.8% respondent's occupation is agriculture. There are 29.9% respondents who don't mention their occupation. Some respondents do business, private and Govt. Jobs.

Table 5.9:Table showing Occupation of Respondents

Occupation	Number of Stakeholders	Percentage
Agriculture	52	59.8%
Business	3	3.4%
Private Job	2	2.3%
Government Job	4	4.6%
Other/ not mentioned by stakeholders	26	29.9%
Total	87	100%

Chapter 6
Cost and Benefit Analysis

CHAPTER -6: COST AND BENEFIT ANALYSIS

The proposed Bypass at village Dehlon is part 1698 km of roads which have been identified by PRBDB for improvements and up gradation under different phases and packages. This Bypass at Dehlon is proposed at this time because road at Dehlon has very narrow curves which causes traffic jams, accidents etc. The shop on the existing road at Dehlon are also unsafe, many accidents had occurred when multi axle trucks hit the shops on the road. So, there is a need to solve this problem and this is why Government of Punjab has decided to construct a bypass from east side of the village. The proposed bypass not only benefits to the rural population of village Dehlon but also the people who traveling on this Malerkotla-Ludhiana Road. One of the objectives of SIA is to study the social impacts of the project and nature and cost of addressing them. And also the impact of these costs on the overall cost of project vis-à-vis the benefits of the project. Following section discusses about assessment of public purpose, alternatives, social impacts and social costs of this project.

6.1 Assessment of Public Purpose

One of the Objective of the the Social Impact Assessment study is to examine whether the proposed project is a public purpose project ? The proposed land acquisition for construction of Dehlon Bypass on Ludhiana-Malerkotla road is required for the following reasons.

- The existing road is very narrow and passes through built-up and congested section of village Dehlon.
- Multi axle trucks, Buses, Cars etc. move along the existing road.
- The condition of existing road is very poor and not suitable for heavy vehicles because of its narrow curves which results into huge traffic jams.
- The existing road has 3 blind curves, which are very hazardous for road safety and frequently accidents occur on this section.

Above all, it falls under the list of projects classified in section 2 (I-e) i.e. project for planned development according to the LARR ACT 2013. It clearly shows that this project surely has a public purpose.

6.2 Alternatives

There are three alternative has been examined before finalizing the Bypass road from east side of the Dehlon which starts from 18+300 and ends at 21+539. After examine all three alternatives alignments in this SIA study, it was clear that this option of constructing bypass road from east side has no displacing of any residence structure and livelihood of any individual. Also there are only 38 trees lies in the proposed bypass from east side and only 3 structure which are not effecting anyone's livelihood. So, this option is suitable because of above mentioned reasons and also then land which is required for the construction of this bypass is bare minimum.

6.3 Benefits from the Project

Though, it is very difficult to quantify actual cost of social impact based on severity of land acquisition. However efforts shall be made to minimize negative impacts through intervention of R&R measures. However, the project will entail a multitude of benefits both travelers and the local people of the surrounding rural areas. The project will have following benefits for the people:

Social costs are calculated by comparing project benefits and negative impacts, from construction Bypass road at village Dehlon. Total cost of construction of this Bypass from east side of Dehlon is approx. 21 crores which includes cost of land and construction cost . However, this cost will resolve perpetual traffic problem, congestion and risks of accident. Positive and negative aspects of the project have been discussed in detail in the following table no: 6.1

Table no. 6.1: Comparative Analysis of Positive and Negative Impacts

S.No.	Positive Impact	Negative Impacts	Remarks
1	Savings in travel time	Loss of agricultural land	After careful examination of various parameters of cost and benefit (positive and negative impacts), it is found that the proposed construction would benefit local community at large.
2	Reduced Congestion	Loss of livelihood	
3	Reduced vehicle operating costs	Loss of trees	
4	Reduced road maintenance costs	Loss of CPR	
5	Reduction in exhaust emissions		
6	Enhanced cost of land per acre		
7	Increase in employment opportunities		
8	Reduced chances of accident		

As mentioned above, the proposed Dehlon Bypass road will have more positive impacts than negative impacts. There are no major social impacts of this project because there is no impacts on residence and livelihood of the stakeholders. This project will help the local people as well as travelers also. So, it is concluded that the potential benefits of the project outweigh overall cost of the project and this land acquisition for proposed bypass will go through.

6.4 DETERMINATION OF COMPENSATION

As per section 26 and 27 of LARR 2013 the collector shall adopt following criteria to assess and determine the market value of land and amount of compensation

- (a) Market value specified in the Indian Stamp Act, 1899, for the registration of sale deeds or agreement to sell where land is situated,
- (b) The average sale price of similar type of land situated in the nearest village or nearest vicinity,
- (c) Consented amount of compensation as agreed upon under sub-section (2) of section 2 in case of acquisition of lands for private companies,

Sr. No.	Village	Type of Land	Land Rate (Collector)	Multiplier	Solatum	Compensation
1.	Rurka	Agriculture (Main Road)	28,77,120	1.25	100%	71,92,800 per acre
2.		Agriculture (Link Road)	20,21,760	1.25	100%	50,54,400 per acre
3.		Agriculture	16,32,960	1.25	100%	40,82,400 per acre
4.		Commercial	26,440 per marla	1.25	100%	66,100 per marla
5.		Residential	13,996 per marla	1.25	100%	34,990 per marla
6.		Industry/Dairy	19,602 per marla	1.25	100%	49,005 per marla

Sr. No.	Village	Type of Land	Land Rate (Collector)	Multiplier	Solatium	Compensation
1.	Dehlon	Agriculture (Main Road)	77,76,000	1.25	100%	1,94,40,000 per acre
2.		Agriculture (Link Road)	27,99,360	1.25	100%	69,98,400 per acre
3.		Agriculture	20,60,640	1.25	100%	51,51,600 per acre
4.		Commercial	80,784 per marla	1.25	100%	2,01,960 per marla
5.		Residential	38,880 per marla	1.25	100%	97,200 per marla
6.		Industry/Dairy	59,877 per marla	1.25	100%	1,49,692.50 per marla

* These are estimated rates of compensation for Dehlon Bypass and these are according to collector rate of Dehlon Block 2015-16. Final Compensation would be included in the SIA report after discussion with the stakeholders, Revenue Department and PRBDB members at the Public Meeting.

SOCIAL IMPACT MANAGEMENT PLAN

Approach to Mitigation

This Social Impact Management Plan (SIMP) has been prepared to mitigate negative social impacts of Dehlon Bypass Project According to LARR 2013. The Social Impact Management Plan (SIMP) consists a set of mitigation, monitoring and institutional measures to be taken during the design, construction and operational phases of the project to eliminate adverse social impacts or to reduce them to acceptable levels. The main aim of the SIMP is to ensure that the various adverse impacts are mitigated and the positive impacts are enhanced. The SIMP shall be implemented during the various stages of the project viz. pre-construction stage, construction stage and operational stage. A description of the various management measures suggested during different stages of the project is provided in following section.

MAJOR FINDINGS OF SIA STUDY

- Sample and Census Survey has estimated about 40 project affected families and about 87 project affected persons. Actual impacts in terms of displacement is zero and loss of livelihood is very less.
- The project shall not displace any permanent residential or commercial structure.
- Residents of Dehlon village have welcomed the project, as it will reduce movement of traffic and heavy multi-axle trucks from their village.

This Social Impact Management Plan (SIMP) of the proposed Dehlon Bypass road is prepared to mitigate negative social impacts of the acquisition of 32.9 acres land in Dehlon and Rurka Village. The SIMP has followed The Right to Fair Compensation and Transparency in Land Acquisition and Rehabilitation and Resettlement 2013(RFCTLARR 2013). It appears from the analyses and overview of the act that provisions of compensation for LA under LARR 2013 will be sufficient to manage social issues. Moreover to provide

clarity in the provisions of the act following broad principles will be adopted under the project:

- Continued consultations with representatives of Panchayat will be the main feature of the R&R planning and implementation of the project,
- Administrator and Commissioner for Resettlement and Rehabilitation will be appointed as per provisions of LARR 2013 by the appropriate Government,
- The Administrator of the project will ensure preparation of R&R plan and disclosure as per provision of LARR 2013,
- The SIA report shall be disclosed as per Section 7 (5) of the LARR 2013,
- R&R benefits will be as per provisions of second schedule of LARR 2013

Table 7.1: Analysis of Social Impact of Land Acquisition for Dehlon Bypass Road

Sr. No.	Type of Impact	Mitigation measures
1.	Loss of fertile agricultural land	Compensation as per provision of LARR Act 2013
2.	Loss of CPR	Re-allocation of CPR's
3.	Acquisition of trees	Lump- Sum compensation

Measures to avoid mitigate and compensate impact

Social Measures

1. If there is any dispute between the stakeholders, then this dispute should be resolved first and make sure that the compensation is given to the legal owner.
2. There is a demand by the local people of village Rurka for up gradation of middle school to senior secondary level.
3. Panchayat should be helped to make programs for the meaningful and productive participation of the elderly into the village life, so that they don't feel left out and unwanted during the whole process.
4. The villagers fear that with the inflow of compensation money, the usage of intoxicants and drugs will increase, especially among the youngsters. Some preemptive measures like social counseling and some reformatory measures like de-addiction should be taken.
5. The youth of village should be provided technical education and required training for enhancing their employability and competence.
6. Efforts should be made for the upliftment of women and marginal sections like SC and BC categories by ensuring their participation in decision making and enhancing their traditional skills and by developing new skills.

Resettlement Measures

1. The leftover land of stakeholders, which becomes unusable after acquisition of larger portion, should also be acquired.
2. After the land acquisition training should be provided to the farmers so that they can earn their living.
3. During the operational and other stages of this project the preference should be given to the village labour.
4. To irrigate the fields which are divided due to road project, water pipes should be laid down or other means of irrigation should be provided.

5. The arrangement for drainage of rain water should be made, because the planned road would be higher than the fields .

Economic Measures

1. Compensation should be given in fixed time frame to Project Affected People.
2. Project Affected People should be given technical and financial counseling for the productive usage and safe investment of compensation money.
3. The compensation for the damage of the crops during the project should be properly paid.
4. The acquiring body should make arrangements to remove, the raw material which will spill over into the surrounding fields during the construction phase of road.
5. Stakeholders have demanded exemption from Transfer Duty and Stamp Duty when they will buy land for their next generation with the compensation amount.

Environmental Measures

1. The policy related to the compensation of trees should be explained clearly and maximum compensation should be paid.
2. More and more trees should be planted, to reduce the pollution caused by the traffic.
3. Emergency medical facilities as well as routine health and medical facilities should be provided.
4. Local trees should be preferred for plantation instead of alien decorative trees.

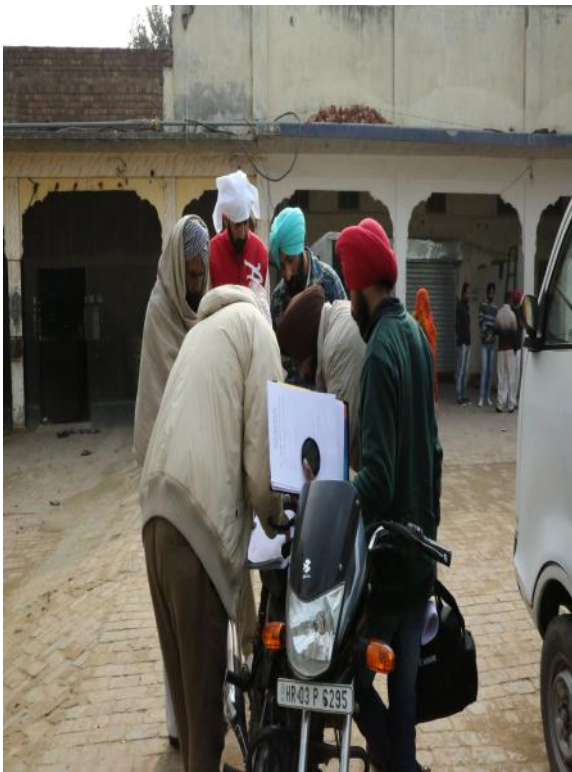
Project Images











Annexures

SIA team qualifications

Project Coordinator

Tanwinder Singh Jeji

Qualifications: MA, PhD (pursuing), NET Qualified

Experience

Teaching: 5 years

Research: 5 years

SIA Project: 1

Publications: research papers 3

Conferences/seminar: participated 8

NSS: 3 years

Co-Coordinator

Sandeep Singh

Qualifications: MBA, PG Diploma in Social Impact Assessment

Experience

Research: 3 years

SIA Project: 2

Conferences: participated 5

Research Supervisors

1. Pushpinder singh

Qualifications: MA, PhD (pursuing)

Experience

Research: 3 years

SIA Project: 2

Conferences: participated 5

2. Amritpal Singh

Qualifications: PG Diploma in Social Impact Assessment, M.A LLB

Experience

Research: 3 years

Conferences: participated 5

Research Investigators

1. Navneet Kaur (Gender Expert)

Qualifications: MA, PG Diploma in Social Impact Assessment
Experience:
Research: 2 years
Conferences: participated 2

2. Manpreet Kaur

Qualifications: MA, PG Diploma in Social Impact Assessment
Experience:
Research: 2 years
Conferences: participated 2

3. Nancy

Qualifications: MA, PG Diploma in Social Impact Assessment
Experience:
Research: 2 years
Conferences: participated 2

4. Kavita Suman

Qualifications: MA, PG Diploma in Social Impact Assessment
Experience:
Research: 2 years
Conferences: participated 1

5. Mr.Gurwinder Singh

Qualifications: MA, PG Diploma in Social Impact Assessment
Experience:
Research: 2 years
Conferences: participated 1

6. Mr. Hardev Singh

Qualifications: MA, PG Diploma in Social Impact Assessment
Experience:
Research: 2 years
Conferences: participated 1

GLOSSARY

1.	LARR	-	Land Acquisition Rehabilitation and Resettlement Act 2013
2.	RFCTLARRA	-	Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act 2013
3.	SSIAU	-	State Social Impact Assessment Unit
4.	SIA	-	Social Impact Assessment
5.	SIMP	-	Social Impact Assessment Plan
6.	PAP	-	Project Affected People
7.	PAF	-	Project Affected Family
8.	PAA	-	Project Affected Area
9.	Compensation	-	ਮੁਆਵਜ਼ਾ/ਇਵਜ਼ਾਨਾ
10.	Land Acquisition	-	ਭੂਮੀ ਪ੍ਰਾਪਤੀ /ਭੋਂ ਪ੍ਰਾਪਤੀ
11.	Rehabilitation	-	ਮੁੜ ਵਸੇਬਾ/ਵਸਾਉਣਾ
12.	Resettlement	-	ਮੁੜ ਸਥਾਪਤੀ/ਸਥਾਪਨਾ
13.	Measurement	-	ਮਿਣਤੀ
14.	Public Purpose	-	ਲੋਕ ਮੰਤਵ/ਲੋਕ ਭਲਾਈ
15.	Public hearing	-	ਲੋਕ ਸੁਣਵਾਈ
16.	Project affected population	-	ਪ੍ਰੋਜੈਕਟ ਤੋਂ ਪ੍ਰਭਾਵਿਤ ਜਨਤਾ
17.	Project affected people	-	ਪ੍ਰੋਜੈਕਟ ਤੋਂ ਪ੍ਰਭਾਵਿਤ ਲੋਕ
18.	Project affected families	-	ਪ੍ਰੋਜੈਕਟ ਤੋਂ ਪ੍ਰਭਾਵਿਤ ਪਰਿਵਾਰ
19.	Project affected area	-	ਪ੍ਰੋਜੈਕਟ ਤੋਂ ਪ੍ਰਭਾਵਿਤ ਇਲਾਕਾ
20.	RFCTLARRA	-	ਭੂ ਪ੍ਰਾਪਤੀ ਅਤੇ ਮੁੜ ਵਸੇਬੇ ਅਤੇ ਮੁੜ ਸਥਾਪਨਾ, ਯੋਗ ਮੁਆਵਜ਼ਾ ਅਤੇ ਪਾਰਦਰਸ਼ਤਾ ਦਾ ਕਾਨੂੰਨ 2013
21.	PRBDB	-	Punjab Roads & Bridges Development Board

ਸਟੇਟ ਸੋਸ਼ਲ ਇੰਮਪੈਕਟ ਅਸੈਸਮੈਂਟ ਯੂਨਿਟ
ਮੈਨੇਜਮੈਂਟ ਭਵਨ, ਕਮਰਾ ਨੰਬਰ ਟੀ-8, ਤੀਜੀ ਮੰਜ਼ਿਲ
ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

ਪ੍ਰੋਜੈਕਟ : ਡੇਹਲੋ ਬਾਈਪਾਸ ਬਣਾਉਣ ਸਬੰਧੀ ਪਿੰਡ ਡੇਹਲੋ ਤੇ ਰੁੜਕਾ ਦਾ ਸਮਾਜਿਕ ਪ੍ਰਭਾਵ ਦਾ ਮੁਲਅੰਕਣ

ਪ੍ਰਭਾਵਿਤ ਪਰਿਵਾਰਾਂ ਦਾ ਅਨੁਮਾਨ ਲਾਉਣ ਲਈ ਮੁੱਢਲੀਆਂ ਹਾਲਤਾਂ ਦਾ ਸਮਾਜਿਕ-ਆਰਥਿਕ ਸਰਵੇਖਣ

ਸਵਾਲ ਸੂਚੀ	<input type="text"/>	ਮਿਤੀ :	ਤਸਵੀਰ
ਜਾਇਦਾਦ ਪਹਿਚਾਣ ਨੰ.	<input type="text"/>	ਸਮਾਂ	
ਖੋਜ ਨਿਗਰਾਨ ਦਾ ਨਾਂ			
ਗਿਣਤੀਕਾਰ ਦਾ ਨਾਂ			

ਸਾਧਾਰਨ ਜਾਣਕਾਰੀ

1. ਨਾਮ
2. ਜਨਮ ਦੀ ਮਿਤੀ
3. ਲਿੰਗ
4. ਜਾਤ
5. ਧਰਮ
6. ਸਿੱਖਿਆ
7. ਆਮਦਨ
8. ਕਿੱਤਾ
9. ਵਿਆਹ ਵਿਆਹਿਆ/ਅਣ-ਵਿਆਹਿਆ
10. ਸਿਹਤ ਸੇਵਾਵਾ ਤੱਕ ਪੁਰੰਚ ਹਾਂ ਨਾਂਹ
(ਜੇਕਰ ਹਾਂ ਤਾਂ ਕਿਲੋਮੀਟਰ)
- 11.
12. ਕਮਜੋਰ ਸਮੂਹ

(i) ਔਰਤਾਂ ਦੀ ਗਿਣਤੀ	<input type="text"/>	(ii) ਬੱਚਿਆਂ ਦੀ ਗਿਣਤੀ	<input type="text"/>
(iii) ਬਜ਼ੁਰਗਾਂ ਦੀ ਗਿਣਤੀ	<input type="text"/>	(iv) ਵਿਕਲਾਂਗਾ ਦੀ ਗਿਣਤੀ	<input type="text"/>

- (v) ਕੀ ਘਰ ਦੀ ਮੁੱਖੀ ਔਰਤ ਹੈ ? ਹਾਂ ਨਾਂਹ
13. ਸਾਕੇਦਾਰੀ ਸ਼੍ਰੇਣੀ
(i) ਪਿੱਤਰ ਪੁਰਖੀ (ii) ਮਾਤਰ ਪੁਰਖੀ
14. ਪਰਿਵਾਰ ਵਿੱਚ ਔਰਤ ਦਾ ਰੋਲ
(i) ਘਰੇਲੂ (ii) ਨੌਕਰੀਸ਼ੁਦਾ
(iii) ਸਵੈ ਰੁਜਗਾਰ
15. ਜ਼ਮੀਨ ਦੀ ਵਰਤੋਂ
(i) ਕੁੱਲ ਜ਼ਮੀਨ (ii) ਪ੍ਰਭਾਵਿਤ ਰਕਬਾ
(iii) ਜ਼ਮੀਨ ਵਿੱਚ ਢਾਚੇ
16. ਮਿੱਟੀ
(i) ਉਪਜਾਊ (ii) ਗੈਰ ਉਪਜਾਊ
(iii) ਸੇਂਜੂ (iv) ਗੈਰ ਸੇਂਜੂ
17. ਸਿੰਚਾਈ ਦੇ ਸਾਧਨ
ਟਿਊਬਵੈਲ ਸੂਆ ਹੋਰ
18. ਪਾਣੀ
ਪੀਣ ਯੋਗ ਨਾ ਪੀਣ ਯੋਗ
19. ਦਰੱਖਤ
(i) ਪ੍ਰਭਾਵਿਤ ਜ਼ਮੀਨ ਵਿੱਚ ਰੁੱਖਾਂ ਦੀ ਗਿਣਤੀ
(ii) ਰੁੱਖਾਂ ਦੀ ਕਿਸਮ
ਫਲਦਾਰ ਗੈਰ ਫਲਦਾਰ
20. ਪਸ਼ੂ ਧਨ
(i) ਪਸ਼ੂਆਂ ਦੀ ਗਿਣਤੀ
21. ਘਰੇਲੂ ਕੰਮ ਦੀ ਵੰਡ
(i) ਰੋਟੀ ਪਾਣੀ (ii) ਦੁੱਧ ਦਾ ਕੰਮ
(iii) ਖੇਤੀਬਾੜੀ (iv) ਹੋਰ ਕੰਮ
22. ਪਰਵਾਸ
(i) ਕੀ ਤੁਸੀਂ ਕੰਮ ਲਈ ਪਰਵਾਸ ਰਕਦੇ ਹੋ
ਹਾਂ ਨਾਂਹ

- (ii) ਜੇ ਹਾਂ, ਉਥੇ ਕੀ ਕੰਮ ਕਰਦੇ ਹੋ ?
 ਖੇਤੀ ਮਜ਼ਦੂਰੀ ਵਪਾਰ ਤੇ ਬਿਜਨੈਸ
 ਹੋਰ
- (iii) ਕੀ ਬਾਹਰੋਂ ਲੋਕ ਪਰਵਾਸ ਲਈ ਪਿੰਡ ਵਿੱਚ ਆਉਂਦੇ ਹਨ ?
 ਹਾਂ ਨਾਂਹ
- (iv) ਜੇ ਹਾਂ, ਤਾਂ ਕਿਸ ਕੰਮ ਲਈ ਆਉਂਦੇ ਹਨ
23. ਮੁੱਖ ਤੌਰ ਤੇ ਕਿਹੜੀਆਂ ਆਰਥਿਕ ਗਤੀਵਧੀਆਂ ਕੀਤੀਆਂ ਜਾ ਰਹੀਆਂ ਹਨ।
 (i) ਖੇਤੀ (ii) ਸੇਵਾਵਾਂ (ਨੌਕਰੀ)
 (iii) ਵਪਾਰ (iv) ਹੋਰ ਕੰਮ
24. ਖਾਦ ਸੁਰਖਿਆ
 ਹਾਂ ਨਾਂਹ
25. ਕਰਜ਼ੇ ਦੇ ਸਾਧਨ
 (i) ਬੈਂਕ (ii) ਨਿਜੀ ਸ਼ਾਹੂਕਾਰ
 (iii) ਸਹਿਕਾਰੀ ਸਭਾਵਾਂ
26. ਤੁਹਾਡੇ ਵੱਲੋਂ ਪਿਛਲੇ ਸਮੇਂ ਦੌਰਾਨ ਕਰਜ਼ਾ ਲਿਆ ਗਿਆ ਹੈ ?
 ਹਾਂ ਨਾਂਹ
 ਜੇ ਹਾਂ, ਕਿਸ ਕੰਮ ਲਈ ਅਤੇ ਕਿੰਨ੍ਹਾਂ ?
27. ਮਿਹਨਤਾਨਾ ਦੀ ਦਰ
 200-300 300-400
 400-500 500 ਤੋਂ ਉਪਰ
28. ਕੁਦਰਤੀ ਸਾਧਨਾਂ ਤੱਕ ਪੁਹੰਚ
 ਹਾਂ ਨਾਂਹ
29. ਘਰ
 ਕੱਚਾ ਪੱਕਾ
30. ਜਲ ਸਪਲਾਈ

	ਹਾਂ <input type="text"/>	ਨਾਂਹ <input type="text"/>
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31.	ਗੰਦੇ ਪਾਣੀ ਦੀ ਨਿਕਾਸੀ ਦਾ ਪ੍ਰਬੰਧ	
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32.	ਪਿੰਡ ਵਿੱਚ ਹਿੰਸਾ ਤੇ ਜੁਰਮ ਦੀ ਸਥਿਤੀ- ਧੜੇਬੰਦੀ	
	(i) ਚੰਗੀ <input type="text"/>	(ii) ਮਾੜੀ <input type="text"/>
33.	ਜ਼ਮੀਨ ਪ੍ਰਾਪਤੀ ਤੋਂ ਬਾਅਦ ਪ੍ਰਭਾਵ	
(i)	ਆਮਦਨ ਦਾ ਪੱਧਰ	
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	ਕੋਈ ਅਸਰ ਨਹੀਂ <input type="text"/>	
(ii)	ਰਹਿਣ ਸਹਿਣ ਦਾ ਪੱਧਰ	
	ਵਾਧਾ <input type="text"/>	ਘਾਟਾ <input type="text"/>
	ਕੋਈ ਅਸਰ ਨਹੀਂ <input type="text"/>	
(iii)	ਸਥਾਨਕ ਆਰਥਿਕਤਾ ਦਾ ਵਿਘਨ	
	ਹਾਂ <input type="text"/>	ਨਾਂਹ <input type="text"/>
(iv)	ਪਰਿਵਾਰਾਂ ਦੇ ਆਪਸੀ ਮਿਲਵਰਤਨ ਜਾਂ ਲੈਣ ਦੇਣ ਵਿੱਚ ਵਿਘਨ	
	ਹਾਂ <input type="text"/>	ਨਾਂਹ <input type="text"/>
(v)	ਕੰਗਾਲ ਹੋਣ ਦਾ ਖਤਰਾ	
	ਹਾਂ <input type="text"/>	ਨਾਂਹ <input type="text"/>
(vi)	ਔਰਤਾਂ ਦੇ ਰਹਿਣ ਸਹਿਣ ਉੱਤੇ ਅਸਰ	
	ਹਾਂ <input type="text"/>	ਨਾਂਹ <input type="text"/>
(vii)	ਕੁਦਰਤੀ ਸਾਧਨਾਂ ਤੇ ਅਸਰ	
	ਹਾਂ <input type="text"/>	ਨਾਂਹ <input type="text"/>
(viii)	ਜ਼ਮੀਨ ਪ੍ਰਾਪਤੀ ਕਾਰਨ ਸਮੂਹਿਕ ਜਾਇਦਾਦਾਂ ਤੇ ਅਸਰ	
	ਵਾਧਾ <input type="text"/>	ਘਾਟਾ <input type="text"/>
	ਕੋਈ ਅਸਰ ਨਹੀਂ <input type="text"/>	
(ix)	ਸਿਹਤ ਸੇਵਾਵਾਂ ਤੇ ਅਸਰ	
	ਵਾਧਾ <input type="text"/>	ਘਾਟਾ <input type="text"/>
	ਕੋਈ ਅਸਰ ਨਹੀਂ <input type="text"/>	

- (x) ਸਕੂਲ ਅਤੇ ਸਿੱਖਿਆ ਉਤੇ ਅਸਰ
 ਵਾਧਾ ਘਾਟਾ ਕੋਈ ਅਸਰ ਨਹੀਂ
34. ਕੀ ਪ੍ਰੋਜੈਕਟ ਜਾਂ ਜ਼ਮੀਨ ਪ੍ਰਾਪਤੀ ਕਾਰਨ ਸਥਾਨਕ ਸੇਵਾਵਾਂ ਤੇ ਪ੍ਰਭਾਵ ਪਵੇਗਾ ?
 ਹਾਂ ਨਾਂਹ
35. ਨਿੱਜੀ ਸਾਧਨਾਂ ਤੇ ਪ੍ਰਭਾਵ
 (i) ਟਿਊਬਵੈਲ (ii) ਕੋਈ ਅਸਥਾਈ ਢਾਚਾਂ
 (iii) ਦਰੱਖਤ (iv) ਹੋਰ
36. ਕੀ ਜ਼ਮੀਨ ਪ੍ਰਾਪਤੀ ਤੋਂ ਬਾਅਦ ਹੇਠ ਲਿਖੀਆਂ ਵਿੱਚ ਬਦਲਾਵ ਆਉਣਗੇ।
 (i) ਸਥਾਨਕ ਰਾਜਨੀਤਕ ਢਾਂਚੇ ਵਿੱਚ ਬਦਲਾਵ ਹਾਂ ਨਾਂਹ
 (ii) ਜੰਨ ਸੰਖਿਆ ਵਿੱਚ ਬਦਲਾਵ ਹਾਂ ਨਾਂਹ
 (iii) ਉਜੜ ਜਾਣ ਦਾ ਖਤਰਾ ਹਾਂ ਨਾਂਹ
37. ਜ਼ਮੀਨ ਪ੍ਰਾਪਤੀ ਤੋਂ ਬਾਅਦ ਜਦੋਂ ਤੁਹਾਡੇ ਕੋਲ ਪੈਸਾ ਆ ਜਾਵੇਗਾ ਤਾਂ ਹੇਠ ਲਿਖਿਆ ਉਤੇ ਪ੍ਰਭਾਵ ਪਵੇਗਾ
 (i) ਜੁਰਮ ਤੇ ਗੈਰ ਕਾਨੂੰਨੀ ਗਤੀਵਿਧੀਆਂ ਵਿੱਚ ਵਾਧਾ ਹਾਂ ਨਾਂਹ
 (ii) ਆਰਥਿਕ ਵਾਤਾਵਰਨ ਸਥੱਰਤਾ ਵਿੱਚ ਬਦਲਾਵ ਹਾਂ ਨਾਂਹ
 (iii) ਨਸ਼ੇ ਵਿੱਚ ਵਾਧਾ ਹਾਂ ਨਾਂਹ
 (iv) ਪਰਿਵਾਰ ਦੇ ਟੁੱਟਣ ਦਾ ਖਤਰਾ ਹਾਂ ਨਾਂਹ
38. ਕੀ ਜ਼ਮੀਨ ਪ੍ਰਾਪਤੀ ਦਾ ਉਹਨਾਂ ਵਿਅਕਤੀਆਂ ਤੇ ਅਸਰ ਹੋਵੇਗਾ ਜੋ ਸਿੱਧੇ ਤੌਰ ਤੇ ਇਸ ਜ਼ਮੀਨ ਨਾਲ ਜੁੜੇ ਨਹੀਂ ਹਨ ਪਰ ਜ਼ਮੀਨ ਤੋਂ ਪ੍ਰਭਾਵਿਤ ਹੁੰਦੇ ਹਨ
 ਹਾਂ ਨਾਂਹ
39. ਜ਼ਮੀਨ ਵਿੱਚ ਕੰਮ ਕਰਨ ਵਾਲੇ ਮਜ਼ਦੂਰ ਕਿੰਨੇ
 ਕਦੋਂ ਤੋਂ ਕੰਮ ਕਰ ਰਹੇ ਹਨ ਸਾਲ ਮਹੀਨੇ
40. ਕੀ ਪ੍ਰਭਾਵਿਤ ਜ਼ਮੀਨ ਵਿੱਚ ਕੋਈ ਢਾਚਾਂ ਆਉਂਦਾ ਹੈ
 ਹਾਂ ਨਾਂਹ
41. ਕੋਈ ਧਾਰਮਿਕ ਸਥਾਨ
 ਹਾਂ ਨਾਂਹ

ਪਰਿਵਾਰ ਦਾ ਵੇਰਵਾ

ਲੜੀ ਨੰਬਰ	ਨਾਮ	ਲਿੰਗ	ਉਮਰ	ਸਿੱਖਿਆ	ਆਮਦਨ
1.					
2.					
3.					
4.					
5.					
6.					
7.					

ਸਵੈ ਘੋਸ਼ਣਾ

1. ਮੈਂ.....ਪੁੱਤਰ ਸ੍ਰੀ.....ਵਾਸੀ ਪਿੰਡ/ਸ਼ਹਿਰ..... ਦਾ ਰਹਿਣ ਵਾਲਾ ਹਾਂ।
2. ਮੈਂ ਇਹ ਘੋਸ਼ਣਾ ਕਰਦਾ ਹਾਂ ਕਿ ਸਟੇਟ ਸੋਸ਼ਲ ਇੰਮਪੈਕਟ ਅਸੈਸਮੈਂਟ ਯੂਨਿਟ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ ਦੀ ਟੀਮ ਵਲੋਂ ਜੋ ਪ੍ਰੋਜੈਕਟ ਸਬੰਧੀ ਲੜੀ ਨੰਬਰ 1 ਤੋਂ 41 ਤੱਕ ਪ੍ਰਸ਼ਨਾਂ ਦਾ ਉੱਤਰ ਦਿੱਤਾ ਹੈ। ਉਹ ਮੇਰੀ ਸਮਝ ਬੁਝ ਅਨੁਸਾਰ ਠੀਕ ਅਤੇ ਸਹੀ ਹੈ।
3. ਇਸ ਸਬੰਧੀ ਕੁਝ ਵੀ ਲੁਕਾਇਆ ਜਾਂ ਛੁਪਾਇਆ ਨਹੀਂ ਗਿਆ ਹੈ।
4. ਪ੍ਰੋਜੈਕਟ ਸਬੰਧੀ ਪੁੱਛੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦਾ ਉੱਤਰ ਕਿਸੇ ਡਰ ਜਾਂ ਦਬਾਅ ਵਿੱਚ ਨਹੀਂ ਦਿੱਤਾ ਗਿਆ ਹੈ।
5. ਉਕਤ ਦਿੱਤੀ ਗਈ ਸੂਚਨਾ ਮੇਰੇ/ਮੇਰੀ ਸਮਝ ਬੁਝ ਅਨੁਸਾਰ ਠੀਕ ਅਤੇ ਸਹੀ ਹੈ।

ਮਿਤੀ : ਸਵੈ ਘੋਸ਼ਣਾ ਕਰਤਾ ਦੇ ਹਸਤਾਖਰ
ਪਤਾ

ਖੋਜ ਨਿਗਰਾਨ ਦੇ ਹਸਤਾਖਰ

ਗਿਣਤੀਕਾਰ ਦੇ ਹਸਤਾਖਰ

