

Resettlement Planning Document

D. BADLI BYPASS

Draft Short Resettlement Plan for Construction of Badli Bypass
Document Stage: Draft for Consultation
Project Number:
December 2009

India: National Capital Region Planning Board Project

Prepared by the Haryana State Roads and Bridges Development Corporation Limited

The resettlement plan is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

Contents

A. Scope of Land Acquisition and Resettlement	1
B. Policy Framework and Entitlements.....	3
C. Consultation, Information Dissemination, Disclosure, and Grievance Redress.....	4
D. Compensation and Income Restoration	6
E. Institutional Framework, Resettlement Costs, and Implementation Schedule	6
F. Monitoring and Evaluation.....	9

Appendices

I. Description of the Project	10
II. Land / Survey Numbers Proposed for Acquisition	12
III. Analysed Tables of Socio Economic Survey.....	19
IV. Public Consultation and Disclosure Plan	20
V. Minutes of Public Consultation.....	21

A. Scope of Land Acquisition and Resettlement

1. National Capital region Planning Board (NCRPB), a statutory body functioning under the Ministry of Urban Development, Government of India, was constituted with the objective "to promote growth and balanced development of the National Capital Region" and towards achieving the objective, NCRPB has laid down broad framework and principles in its 'Regional Plan 2021', a vision document prepared and approved by NCR Planning Board in 2005. NCRPB has been supporting infrastructure based interventions in the national capital region and in order to meet the increasing demand for financial assistance from project proponents, NCRPB has proposed to avail financial assistance from Asian Development Bank to fund urban infrastructure projects with emphasis on building water supply, sewerage, sanitation and transportation infrastructure in the national capital region.

2. The sub-projects proposed for funding may involve acquisition of land and other assets, eviction of squatters and removal of encroachments resulting in social and / or economic impacts to households. These impacts could be direct or sometimes indirect and will have to be addressed at project preparation stage. Further, there could be impact to community assets and facilities. Recognising the environmental and social issues that can arise in infrastructure projects, NCRPB has prepared a Draft Environmental and Social Management Systems (ESMS) in line with ADB's safeguard requirements for Financial Intermediaries (FIs).

3. In line with the Draft ESMS of NCRPB and ADB's loan procedures for financial intermediaries; this Short Resettlement Plan (SRP) has been prepared for the construction of Badli Bypass. The proposed Badli Bypass starts from Km 16/550 of Gurgaon – Bahadurgarh road and joins the same road at Km 18/580 and will be 5.68 km long connecting 8 roads converging in Badli town. The road is designed as a 4-lane divided carriageway and in the first phase two lane carriageway with paved shoulders will be constructed and extended to 4-lane at a later stage. The proposal also involves rehabilitation of existing road section of Gurgaon – Bahadurgarh road from Km 16/550 to Km 18/580 and about 1.3 km length of cross roads. The traffic studies indicate that more than 50% of the traffic currently going through Badli town is by-passable. This will have a major positive impact on the traffic situation in the town and improve the traffic safety. The savings to the society in terms of vehicle operating with reduced congestion justify the formation of the bypass.



Bypass alignment passing through agricultural field

4. In line with NCRPBs principles of involuntary resettlement planning, contained in the Draft ESMS, the project avoided impact to residential and commercial structures by fixing the bypass alignment along agricultural land. The proposed bypass is a new formation and involves land acquisition. The first 2.570 km falls under Bahadurgarh Division and the remaining 3.110km falls under Jhajjar Division. Private agricultural land measuring 63.15 acres will be required for the formation of the bypass. The Sec 4(1) notification is yet to be pronounced and hence the land plan schedule that contains details land parcels to be acquired, extent to be acquired in each land parcel has not been prepared yet. Therefore, details of affected landowners and the magnitude of impact could not be ascertained precisely. However, the sample surveys carried out in the project area indicate that the project will cause significant impact to 31 households and the impact on another 96 households will be not significant. The summary of affected households is given vide Appendix-II. A summary of resettlement impacts is given in Table 1. Since involuntary resettlement impacts is not significant, the project is categorised as S-2 in line with the Draft ESMS of NCRPB.

5. The sample socio-economic survey in the project area identified all 127 households who are likely to be affected due to the formation of the bypass. The acquisition of 63.15 acres of private agricultural land will cause loss of income to the landowners from whom land is proposed to be acquired. The sample socio-economic surveys indicate that the involuntary resettlement impacts are expected to be not significant as the acquisition is linear. Literacy rate (above 6 years age group) of male is 64 percent and that of females is 36 percent. Sixty eight percent of the main workers are men and only in marginal workforce, women constitute 57 percent. Non workers amongst the women are slightly high compared to men. Cultivators constitute 33 percent amongst the main workers followed by 7 percent agricultural labourers. Four percent of the main workers derive their income from household industry. Summary socio-economic information is in Appendix-III.

6. The project does not impact any common property resources. In the event of any impact to common property resources during the implementation of the project, such structures used by the community will be relocated by the respective line department and it will be coordinated by the Divisional Engineer (Highways), Bahadurgarh. The relocation of community structures will be reviewed by the Project Engineer during the regular review meetings of the PIU and it will be ensured that all community structures and utilities are relocated prior to commencement of civil works.

Table 1: Summary of Resettlement Impacts

Impact	Formation of Badli Bypass
Permanent Land Acquisition (ha)	63.15 acres
Temporary Land Acquisition (ha)	0
Affected Households (AHs) – Significant Impact	31 ^a
Affected Persons (APs) – Significant Impact	149
Affected Households (AHs) – Not Significant Impact	96 ^a
Affected Persons (APs) – Not Significant Impact	461
Titled APs	610
Non-titled APs (Encroachers)	0

Impact	Formation of Badli Bypass
Female-headed AH	0
IP/ST-headed AH	0
BPL AH	0
Affected Structures	0
Affected Trees/Crops	0
Affected Common Property Resources	0
Average Family Size	4.8
Average Household Income	Rs.4,800/- p.m.
<i>^a Of the 127 households losing their agricultural land, 31 households losing their agricultural land will face significant impact and the impact on the remaining 96 household sis not significant and hey will lose only a strip of their landholding.</i>	

7. Based on the socio-economic information obtained during the sample survey, there are no IPs and no impacts on IPs is envisaged. In the event of any impacts on IPs during implementation, the impacts will be addressed in line with the Draft ESMS of NCRPB.

B. Policy Framework and Entitlements

8. The Draft ESMS of NCRPB is based on (i) The Land Acquisition Act, 1894 (amended in 1984), (ii) the National Rehabilitation and Resettlement Policy, 2007, (iii) Draft National Tribal Policy, 2006, and (iv) ADB's Safeguard Policy Statement, June 2009.

9. Project-related social impacts include IR impacts and impacts to IP. Broadly, physical displacement (relocation, loss of residential land or loss of shelter) and economic displacement (loss of land, assets, access to assets, income sources or means of livelihood) are the IR impacts. Project-related IP impacts are triggered if a project directly or indirectly affects the dignity, human rights, livelihood systems, or culture of Indigenous Peoples or affects the territories or natural or cultural resources that Indigenous Peoples own, use, occupy, or claim as an ancestral domain or asset..

10. Based on the above laws and principles, the core social safeguard principles are:

- Avoiding or minimizing involuntary resettlement and impacts to indigenous peoples by exploring project and design alternatives;
- In cases, where IR and impacts on IP are unavoidable, enhancing or, at least, restoring the livelihoods of all affected persons in real terms relative to pre-project levels;
- Improving the standard of living of the displaced poor and other vulnerable groups;
- Addressing through special efforts to reduce negative impacts on indigenous people; measures to ensure they receive culturally appropriate social and economic benefits, and also to ensure transparent mechanisms including consultations and actively participation in projects that affect them;
- Ensuring that affected persons benefit from the projects funded to the extent possible and they are consulted on the project at different stages of the project from its planning to implementation; and

- Integrating the RP and IPP with the overall preparation and implementation of the project and payment of compensation and other assistances prior to commencement of civil works.

11. The entitlement matrix for this sub-project, based on the above policy principles is given in Table 2.

Table 2: Entitlement Matrix

SNo	Type of loss	Application	Definition of entitled person	Compensation policy	Implementation issues	Responsible agency
1	Loss of agricultural land	Agricultural land	Titleholder	<ol style="list-style-type: none"> Cash Compensation in accordance with the provisions of Land Acquisition Act. Rehabilitation grant based on minimum wage rates¹ Shifting assistance² for households. Additional compensation for vulnerable households³ whose livelihood is impacted by the project. 	<p>Safeguard Requirement-2 does not apply if land is acquired through private negotiations.</p> <p>Compensation is determined based on past sale statistics (circle rates / guideline value). However, if ESMC finds the compensation so determined is lower than the replacement value of the land, the IA will provide the difference as assistance</p>	HSRDC

C. Consultation, Information Dissemination, Disclosure, and Grievance Redress

12. The SRP was prepared in consultation with stakeholders. Focus group discussions, meetings, and individual interviews were held involving stakeholders, particularly people living in the villages where the bypass is proposed.

13. The villagers are aware of the proposed bypass and are not averse to their land being acquired as they are all aware of the annuity scheme of Haryana Government as some of the villagers in the vicinity

¹ NRRP 2007 provides for 750 days minimum agricultural wages

² NRRP 2007 provides for a lump sum of INR 10,000 per AH

³ Vulnerable household comprise female-headed household, disabled-headed household, indigenous person-headed households and Below Poverty Line households.

of the proposed project have lost their land for the *Kundli-Manear-Palwal* highway under construction. Farmers find the compensation for land along with the annuity amount a good proposition than continue to do cultivation in their land.

14. The villagers welcomed the proposed bypass and wanted the land acquisition to be expedited and compensation be paid immediately without any delay. The queries and concerns of the villagers and the response given is detailed in Appendix-V of this report.



A landowner with his livestock – Considers cultivation non remunerative

16. The Entitlement Framework (EF) of the Draft ESMS and the SRP will be translated in Hindi and both the English and Hindi versions will be made available to the villagers by the implementing agency viz. Haryana State Roads and Bridges Development Corporation Limited (HSRDC). Copies of the EF and SRP will be available at the office of the Executive Engineer, Bahadurgarh Division, office of the concerned Sub-Divisional Engineer, office of the concerned village Panchayats, and its availability as part of public disclosure will be widely publicised through the village Panchayats. HSRDC will continue consultations, information dissemination, and disclosure. A Public Consultation and Disclosure Plan has been prepared for the project and is enclosed as Appendix-IV.

17. The SRP will be made available in the office of HSRDC, office of the concerned divisional and sub-divisional PWD (B&R). Finalized SRP will also be disclosed in ADB's website, State Government website, HSRDC website and NCRPB website. Payment of compensation for land will be done prior to commencement of civil works.

18. The HSRDC will constitute a three-member Grievance Redressal Committee (GRC) comprising of the DGM, HSRDC, Rohtak (jurisdictional DGM), the elected member of the project area and one member from the public who is known to be persons of integrity, good judgment and commands respect among the community. The existence of the GRC will be disseminated to the villagers through printed handouts providing details of the structure and process in redressing grievances. Any aggrieved villager can approach GRC, chaired by the DGM, HSRDC and if the grievance of the villager is not addressed, the aggrieved person will be directed to approach the District Collector. The aggrieved person will have the right to approach the court of law, if he/she is still unsatisfied with the decisions taken by the GRC and the Collector.

19. The GRC will meet every month, determine the merit of each grievance, and resolve grievances within a month of receiving the complaint; failing which the grievance will be addressed by the District Collector. If not satisfied, the affected households will have the option of approaching the appropriate courts of law. Records will be kept of all grievances received including: contact details of complainant, date that the complaint was received, nature of grievance, agreed corrective actions and the date these were affected, and final outcome.

D. Compensation and Income Restoration

20. Land measuring 63.15 acres will be acquired for the formation of the bypass and no private structures will be affected. Land is being compensated as per the State norms for land acquisition in NCR, which has fixed a minimum floor rate of Rs.16,00,000/- per acre (excluding 30 percent solatium and 12 percent interest) for sub-urban areas of Haryana in National Capital Region and the market value of land determined by the competent authority can not be lower than the minimum floor rate. Further, the State pays Rs.15,000/- per acre per annum as annuity for 33 years and there is an increment of Rs.500/- every year on the annuity. Both the compensation and annuity for 33 years is paid as a lump sum when the award is pronounced. Largely the above method of arriving at the compensation for land reflects the replacement value and is in line with the provisions of the Draft ESMS of NCRPB. In the event of any requirement during implementation, loss of structure will be compensated at replacement value. Other losses will be compensated based on the entitlement matrix.

21. Further, if any unforeseen impacts are noticed during the implementation, the affected households will be offered compensation as per the entitlement matrix of NCRPB's Draft ESMS.

E. Institutional Framework, Resettlement Costs, and Implementation Schedule

22. The National Capital Region Planning Board (NCRPB) is the executing agency (EA) of the Project. The Haryana State Roads and Bridges Development Corporation Limited, led by the Managing Director [who is also the Chief Engineer of PWD (B&R)] will be responsible for overall project implementation, monitoring, and supervision and preparation of all documentation needed for decision making, contracting, supervising of work and providing progress monitoring information to NCRPB. The Managing Director, HSRDC will be supported by DGM, HSRDC in Rohtak the jurisdictional DGM of HSRDC.

23. The institutional roles and responsibilities for SRP implementation, the resettlement costs and implementation schedules are provided in Tables 3, 4 and 5 respectively.

Table 3: Institutional Roles and Responsibilities

Activities	Agency Responsible
Sub-project Initiation Stage	
Finalization of sites/alignments for sub-projects	HSRDC
Disclosure of sub-project details by issuing Public Notice	HSRDC (DGM)
Consultations with villagers	HSRDC (DGM)
RP Preparation Stage	
Conducting Census of all affected household	HSRDC (DGM)
Conducting FGDs/ meetings during socio-economic survey	HSRDC (DGM)
Categorization of AHs for finalizing entitlements	HSRDC (DGM)

Activities	Agency Responsible
Formulating rehabilitation measures	HSRDC (DGM)
Conducting discussions/ meetings with all AHs and other stakeholders	HSRDC (DGM)
Finalizing entitlements and rehabilitation packages	HSRDC
Disclosure of final entitlements and rehabilitation packages	HSRDC (DGM)
Approval of RP	NCRPB
RP Implementation Stage	
Implementation of proposed rehabilitation measures	HSRDC (DGM)
Payment of compensation for land	LAO, Rohtak
Consultations with AHs during rehabilitation activities	HSRDC (DGM)
Grievances Redressal	HSRDC
Internal Monitoring	HSRDC (DGM)
Independent Audit commissioned by NCRPB	External Agency

24 The resettlement costs are based on the entitlement framework of Draft ESMS prepared by NCRPB for projects financed by NCRPB with ADB assistance. The unit costs in the entitlement framework are based on the NRRP, 2007.

Table 4: Resettlement Costs

S.No.	Items	Unit	Unit Rates (INR)	Quantity	Amount (INR)
1	Compensation for Loss of Land				
a	Land for road formation	Acre	2,272,000	63.15	143,476,800
b	Annuity for landowners	Acre	759,000	63.15	47,930,850
Sub total					191,407,650
2	Compensation for Structure and trees				
a	Permanent	sq.m		Nil	-
b	Semi-permanent	sq.m		Nil	-
c	Temporary	sq.m.		Nil	-
d	Trees	Lump sum	12,000	16	192,000
Sub total					192,000
3	Resettlement costs and assistances				
a	Rehabilitation Grant for landowners in lieu of land not being allotted - 750 days minimum wages	Lump sum	113,250	31	3,510,750
b	Subsistence allowance for land owners	Lump sum	45,300	31	1,404,300
c	Exgratia payment for minimal land acquisition (linear acquisition)	Lump sum	20,000	96	1,920,000

S.No.	Items	Unit	Unit Rates (INR)	Quantity	Amount (INR)
d	Financial assistance for Cattle Shed	Lump sum	15,000	5	75,000
e	Training for one member of AH	Lump sum	5,000	31	155,000
f	Monthly pension for vulnerable for lifetime	Lump sum	150,000	0	-
Sub total					7,065,050
4	Cost of Implementation of RP				
a	NGO- for implementation of RP for six months	Lump sum	1,500,000	0.5	750,000
b	Monitoring and Impact Evaluation	Lump sum	-	-	500,000
c	Costs involved in resolving grievances	Lump sum			75,000
Sub total					1,325,000
Total					199,989,700
5	Cost towards Un-quantified/ Unprecedented Adverse Social Impacts				
a	Contingency (10 % of total RP costs)	10%			9,998,970
Grand Total					219,988,670
In INR Million					219.99

* Provision made in the project cost

25. The implementation schedule takes into account the approval accorded by NCRPB for the project subject to compliance of Draft ESMS requirements. HSRDC is expected to submit the SRP to NCRPB in January 2010 for approval which forms the first step in SRP implementation that is expected to be completed in 6 months.

Table 5: Implementation Schedule

Activities	Implementation Schedule of RP Distributed over Months											
	2010											
	1	2	3	4	5	6	7	8	9	10	11	12
Resettlement Planning												
Approval of SRP by NCRPB	◆											
Disclosure of SRP	◆											
Dissemination of SRP and EF of Draft ESMS		—										
Training for DGM, HSRDC		—										
Finalisation of AHs list			—									
Issue of identity cards				—								
Disclosure of final SRP			—									

Activities	Implementation Schedule of RP Distributed over Months											
	2010											
	1	2	3	4	5	6	7	8	9	10	11	12
Constitute Grievance Redress Committee		◆										
Grievance Redressing Activities			■									
Payment of Compensation for Land												
Announce start date of SRP implementation through public notification			◆									
Payment of compensation for land				◆								
Harvesting of crops and removal of trees					◆							
Handing over of land to the contractor for construction						◆						
Start of civil works							◆					
Rehabilitation assistance												
Payment of compensation for structure			■									
Monitoring & Evaluation												
Internal monitoring	All through the SRP implementation period											
External monitoring	Not required as the this Project comes under S-2 category											
Independent audit commissioned by NCRPB												◆

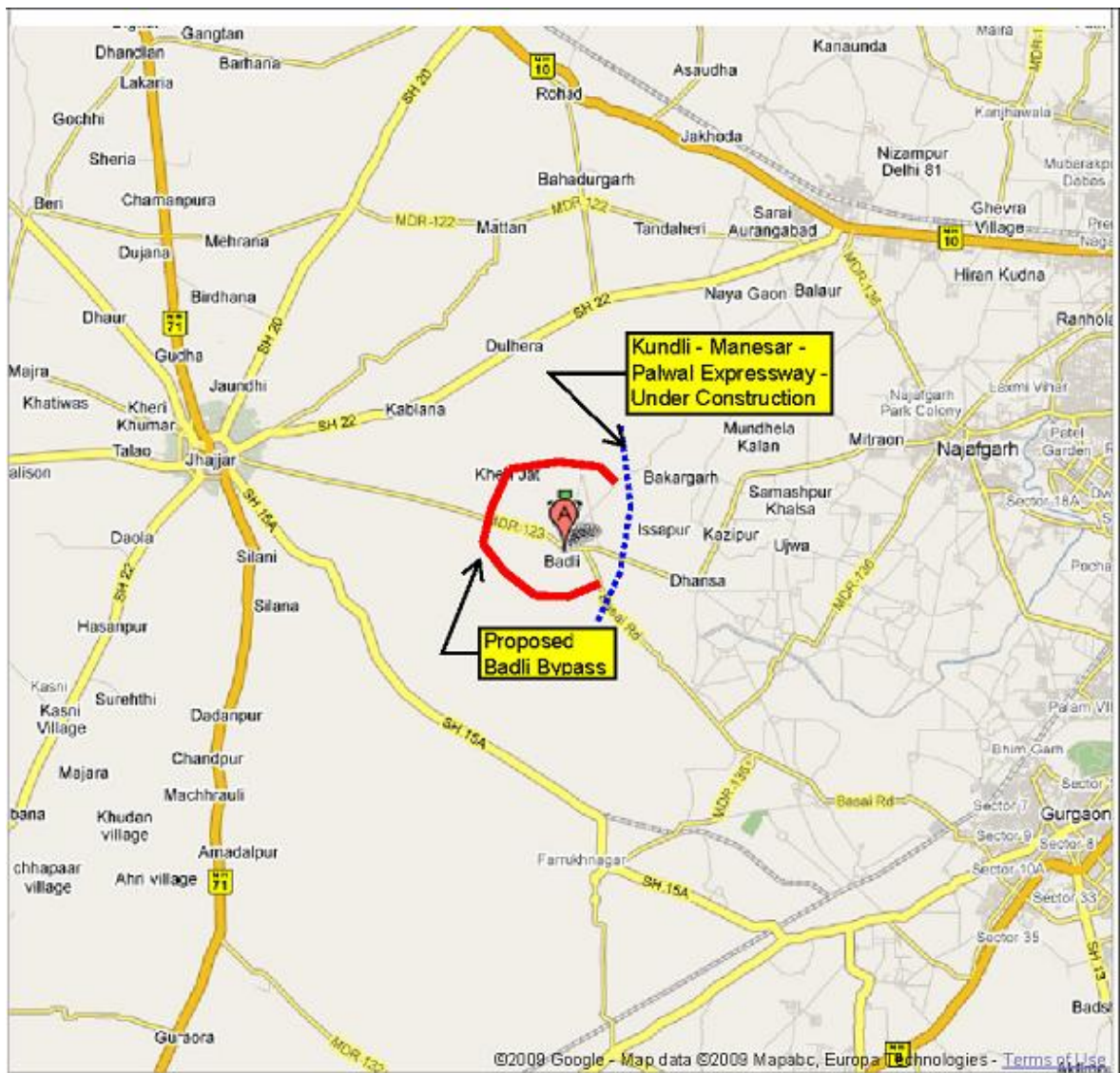
F. Monitoring and Evaluation

26. SRP implementation will be closely monitored to provide the HSRDC with an effective basis for assessing resettlement progress and identifying potential difficulties and problems. Internal monitoring will be undertaken by the DGM, HSRDC. Internal monitoring will involve: (i) administrative monitoring to ensure that implementation is on schedule and problems are dealt with on a timely basis; (ii) socio-economic monitoring before and after rehabilitation of the roads utilising baseline information established through the socio-economic survey of AHs undertaken during project preparation, and (iii) overall monitoring to assess AHs status. A detailed micro level work plan with various activities required to be carried out will be given to the DGM, HSRDC. The work plan will indicate the targets to be achieved during the month. Monthly progress report will be prepared reporting actual achievements against the targets fixed and reasons for shortfalls, if any. The HSRDC will be responsible for managing and maintaining AHs databases, documenting results of AHs census, and verifying asset and socio-economic survey data, which will be used as the baseline for assessing SRP implementation impacts. The impact evaluation will be carried out as part of the independent audit done by NCRPB in line with the Draft ESMS. The audit will document, if the intended objectives of the SRP have been achieved. Towards this the following indicators will form the basis for the assessment during the project implementation: (i) number of AHs paid compensation for land and structure; (ii) income levels of the AHs; changes and shifts in occupation/trade; (iv) changes in type/tenure of housing of AHs; and (v) assets sold/bought. The independent audit will be carried out 6 months after the compensation amount and other rehabilitation assistances are paid and submit the report directly to NCRPB. The NCRPB will submit the independent audit report to ADB for review.

Appendix – I

Description of the Project

1. The proposed Badli Bypass starts from Km 16/550 of Gurgaon – Bahadurgarh road and its joins the same road at Km 18/580 and will be 5.68 km long connecting 8 roads converging in Badli town. The road is designed as a 4 lane divided carriageway and in the first phase two lane carriageway with paved shoulders will be constructed. The proposal also involves rehabilitation of existing road section of Gurgaon – Bahadurgarh road from Km 16/550 to Km 18/580 and about 1.3 km length of cross roads. The project road location is shown in Figure 1.



2. The rapid growth in the National Capital Region is putting pressure on the main road network and especially the towns along these routes with the narrow width and heavy urban traffic. One such town is Badli in Jhajjar district of Haryana where about 8 roads cross the town which

includes roads from the major villages around and connecting roads to Delhi, Gurgaon, Jhajjar and Bahadurgarh. Large number of trucks transporting material for the bitumen plants located on the north-east of Badli town. The material is transported from all around Badli town and the output from the bituminous plants mostly transported to various parts of NCTD. In addition, large regional traffic also travels through Badli town resulting in congestion in the town and there is little scope for widening the road through the town. In order to mitigate the transport situation in and around Badli, it is proposed to develop a Bypass to cater to all through traffic which has no business in the town.

3. The proposed project is provides relief from severe congestion in Badli town. Also the truck and through traffic is provided with an almost free flow condition thus significantly benefiting all traffic with vehicle operating cost savings and improved road safety. The project has been selected based on the benefit to the traffic and the improvement in road network connectivity it provides.

Appendix – II

Land / Survey Numbers Proposed for Acquisition

PWD (B&R) Bahadurgarh Division

S.No	Tehsil	Village	Hadbast No	Area		Rectangle No	Kila No	Extent to be Acquired	
				K	M			Kanal	Marla
1	Bahadurgah	Badli	72	210	02	110	23/2/2	0	7
2	Bahadurgah	Badli	72	210	02	110	24/2	1	0
3	Bahadurgah	Badli	72	210	02	110	25/1/2	1	12
4	Bahadurgah	Badli	72	210	02	110	25/2/2	1	7
5	Bahadurgah	Badli	72	210	02	111	21/2	3	12
6	Bahadurgah	Badli	72	210	02	111	22/2/2	3	16
7	Bahadurgah	Badli	72	210	02	111	23/2	3	2
8	Bahadurgah	Badli	72	210	02	111	24/2	2	18
9	Bahadurgah	Badli	72	210	02	111	25/2	3	2
10	Bahadurgah	Badli	72	210	02	112	21/2	2	19
11	Bahadurgah	Badli	72	210	02	112	22/1/2	1	6
12	Bahadurgah	Badli	72	210	02	112	22/2/2	1	0
13	Bahadurgah	Badli	72	210	02	112	23/2	1	01
14	Bahadurgah	Badli	72	210	02	127	1/1/2	0	5
15	Bahadurgah	Badli	72	210	02	127	9/1/2	2	03
16	Bahadurgah	Badli	72	210	02	127	9/2/2	0	07
17	Bahadurgah	Badli	72	210	02	127	10/1/1/2	0	03
18	Bahadurgah	Badli	72	210	02	127	10/1/2/2	5	12
19	Bahadurgah	Badli	72	210	02	127	10/2/2	0	03
20	Bahadurgah	Badli	72	210	02	127	11/1/2	0	02
21	Bahadurgah	Badli	72	210	02	127	11/1/3	0	03
22	Bahadurgah	Badli	72	210	02	127	12/2	5	01
23	Bahadurgah	Badli	72	210	02	127	13/2	3	09
24	Bahadurgah	Badli	72	210	02	127	16/2/2	0	02
25	Bahadurgah	Badli	72	210	02	127	17/2	3	16
26	Bahadurgah	Badli	72	210	02	127	18/1	4	02
27	Bahadurgah	Badli	72	210	02	127	19/1	0	01
28	Bahadurgah	Badli	72	210	02	127	24/1/1	0	06
29	Bahadurgah	Badli	72	210	02	127	24/2/1	1	0
30	Bahadurgah	Badli	72	210	02	127	24/3/1	1	18
31	Bahadurgah	Badli	72	210	02	127	25/1/1	1	06
32	Bahadurgah	Badli	72	210	02	127	25/2/1/2	3	08
33	Bahadurgah	Badli	72	210	02	127	26/2	0	14
34	Bahadurgah	Badli	72	210	02	128	1/1/1	2	06
35	Bahadurgah	Badli	72	210	02	128	2/1/1/1	0	17
36	Bahadurgah	Badli	72	210	02	128	2/2/1	1	13
37	Bahadurgah	Badli	72	210	02	128	3/2	5	09

S.No	Tehsil	Village	Hadbas t No	Area		Rectangl e No	Kila No	Extent to be Acquired	
				K	M			Kanal	Marla
38	Bahadurgah	Badli	72	210	02	128	4/2	6	05
39	Bahadurgah	Badli	72	210	02	128	5/2	3	09
40	Bahadurgah	Badli	72	210	02	128	6/1/1	3	02
41	Bahadurgah	Badli	72	210	02	128	7/1/1	0	05
42	Bahadurgah	Badli	72	210	02	129	1/1	2	06
43	Bahadurgah	Badli	72	210	02	129	2/1	2	09
44	Bahadurgah	Badli	72	210	02	129	3/1	2	09
45	Bahadurgah	Badli	72	210	02	129	4/1/1	1	07
46	Bahadurgah	Badli	72	210	02	129	4/2/1	0	15
47	Bahadurgah	Badli	72	210	02	129	4/3/1	0	07
48	Bahadurgah	Badli	72	210	02	129	5/1	2	09
49	Bahadurgah	Badli	72	210	02	130	1/2	0	01
50	Bahadurgah	Badli	72	210	02	130	2/2	3	03
51	Bahadurgah	Badli	72	210	02	130	3/2	6	07
52	Bahadurgah	Badli	72	210	02	130	4/1/1	2	06
53	Bahadurgah	Badli	72	210	02	130	4/2/1	1	12
54	Bahadurgah	Badli	72	210	02	130	5/1	3	02
55	Bahadurgah	Badli	72	210	02	130	8/1	0	07
56	Bahadurgah	Badli	72	210	02	130	9/1	4	0
57	Bahadurgah	Badli	72	210	02	130	10/1/1	0	10
58	Bahadurgah	Badli	72	210	02	130	10/2/2	2	12
59	Bahadurgah	Badli	72	210	02	130	10/3/2	2	15
60	Bahadurgah	Badli	72	210	02	130	11/1	1	04
61	Bahadurgah	Badli	72	210	02	131	6/1/2	1	02
62	Bahadurgah	Badli	72	210	02	131	6/2/2	0	03
63	Bahadurgah	Badli	72	210	02	131	6/3/2	Kamaj Marla	
64	Bahadurgah	Badli	72	210	02	131	13/1/2	Kamaj Marla	
65	Bahadurgah	Badli	72	210	02	131	13/2/2	0	03
66	Bahadurgah	Badli	72	210	02	131	14/2	3	18
67	Bahadurgah	Badli	72	210	02	131	15/2	5	15
68	Bahadurgah	Badli	72	210	02	131	16/2	0	01
69	Bahadurgah	Badli	72	210	02	131	17/1	3	04
70	Bahadurgah	Badli	72	210	02	131	18/2	6	03
71	Bahadurgah	Badli	72	210	02	131	19/2	1	13
72	Bahadurgah	Badli	72	210	02	131	21/2	0	19
73	Bahadurgah	Badli	72	210	02	131	22/2	5	16
74	Bahadurgah	Badli	72	210	02	131	23/1	0	16
75	Bahadurgah	Badli	72	210	02	141	5/2	0	03
76	Bahadurgah	Badli	72	210	02	141	6/1	3	12
77	Bahadurgah	Badli	72	210	02	141	14/2	1	01
78	Bahadurgah	Badli	72	210	02	141	15/2	5	10
79	Bahadurgah	Badli	72	210	02	141	16/2	1	06
80	Bahadurgah	Badli	72	210	02	141	17/2	5	09
81	Bahadurgah	Badli	72	210	02	141	23/2	2	02
82	Bahadurgah	Badli	72	210	02	141	24/1	3	16

S.No	Tehsil	Village	Hadbas t No	Area		Rectangl e No	Kila No	Extent to be Acquired	
				K	M			Kanal	Marla
83	Bahadurgah	Badli	72	210	02	141	26	0	14
84	Bahadurgah	Badli	72	210	02	142	1/1/2	2	00
85	Bahadurgah	Badli	72	210	02	142	1/2/2	3	01
86	Bahadurgah	Badli	72	210	02	142	2/1	1	01
87	Bahadurgah	Badli	72	210	02	142	10/2	2	10
88	Bahadurgah	Badli	72	210	02	146	5/1/1/2	0	10
89	Bahadurgah	Badli	72	210	02	164	2/4/2	Kamaj Marla	
90	Bahadurgah	Badli	72	210	02	164	3/2	5	17
91	Bahadurgah	Badli	72	210	02	164	4/1	0	15
92	Bahadurgah	Badli	72	210	02	164	8/2	4	02
93	Bahadurgah	Badli	72	210	02	164	9/1	2	11
94	Bahadurgah	Badli	72	210	02	164	13/1	0	08
95	Bahadurgah	Badli	72	210	02	164	627 Min	1	06
96	Bahadurgah	Badli	72	210	02	164	634/2 Min	1	0
97	Bahadurgah	Badli	72	210	02	164	635/2 Min	1	05
98	Bahadurgah	Badli	72	210	02	164	680 Min	0	8
99	Bahadurgah	Badli	72	210	02	164	681 Min	0	11
100	Bahadurgah	Badli	72	210	02	164	685 Min	0	12
101	Bahadurgah	Badli	72	210	02	164	687/1 Min	0	07
102	Bahadurgah	Badli	72	210	02	164	2116 Min	0	06
103	Bahadurgah	Badli	72	210	02	164	2136 Min	0	18
104	Bahadurgah	Badli	72	210	02	164	2135 Min	2	05
105	Bahadurgah	Badli	72	210	02	164	2142 Min	0	10
106	Bahadurgah	Badli	72	210	02	164	2168 Min	0	02
107	Bahadurgah	Mehmod Pur Majra	88	24	18	23	25/2	Kamaj/Marla	
108	Bahadurgah	Mehmod Pur Majra	88	24	18	24	12/2	5	11
109	Bahadurgah	Mehmod Pur Majra	88	24	18	24	13/1	0	03
110	Bahadurgah	Mehmod Pur Majra	88	24	18	24	19/2	4	0
111	Bahadurgah	Mehmod Pur Majra	88	24	18	24	20/1	1	16
112	Bahadurgah	Mehmod Pur Majra	88	24	18	24	21/2	5	10
113	Bahadurgah	Mehmod Pur Majra	88	24	18	24	22/1	0	11
114	Bahadurgah	Mehmod Pur Majra	88	24	18	26	1/1	3	12
115	Bahadurgah	Mehmod Pur Majra	88	24	18	26	10/1/2	0	03
116	Bahadurgah	Mehmod Pur Majra	88	24	18	27	5/2	2	04
117	Bahadurgah	Mehmod Pur Majra	88	24	18	27	88	0	9
118	Bahadurgah	Mehmod Pur Majra	88	24	18	27	108 Min	0	19
				Total		Badli 26 Accr. 2 Kanal 2 Marla			
						Mehmod Pur Majra 29 Accr. 3 Canal			

PWD (B&R) Jhajjar Division

S.No	Tehsil	Village	Hadbas t No	Area		Rectangl e No	Kila No	Extent to be Acquired	
				K	M			Kanal	Ma rla
1	Bahadurgah	M.P. Majra	88	20	10	27	39/2	1	11
2	Bahadurgah	M.P. Majra	88	20	10	27	6/1/2	3	10
3	Bahadurgah	M.P. Majra	88	20	10	27	6/2/1	0	5
4	Bahadurgah	M.P. Majra	88	20	10	27	15/2	5	12
5	Bahadurgah	M.P. Majra	88	20	10	27	16/1/2	1	16
6	Bahadurgah	M.P. Majra	88	20	10	27	16/2/2	0	16
7	Bahadurgah	M.P. Majra	88	20	10	27	16/3/1	1	15
8	Bahadurgah	M.P. Majra	88	20	10	27	26/1	1	5
9	Bahadurgah	M.P. Majra	88	20	10	27	25/2	3	10
10	Bahadurgah	Badli	72	243	15	168	25/2	0	17
11	Bahadurgah	Badli	72	243	15	193	5/2	5	12
12	Bahadurgah	Badli	72	243	15	193	6/2	5	3
13	Bahadurgah	Badli	72	243	15	193	15/2	2	14
14	Bahadurgah	Badli	72	243	15	193	16/2	0	8
15	Bahadurgah	Badli	72	243	15	192	10/2	0	11
16	Bahadurgah	Badli	72	243	15	192	11/1	2	18
17	Bahadurgah	Badli	72	243	15	192	20/2	5	12
18	Bahadurgah	Badli	72	243	15	192	21/1/1/2	2	3
19	Bahadurgah	Badli	72	243	15	192	21/1/2/1	1	8
20	Bahadurgah	Badli	72	243	15	192	21/2/2	0	15
21	Bahadurgah	Badli	72	243	15	192	21/2/1/1	0	14
22	Bahadurgah	Badli	72	243	15	192	22/1/1	0	8
23	Bahadurgah	Badli	72	243	15	205	1/2	2	16
24	Bahadurgah	Badli	72	243	15	205	2/1/1	0	7
25	Bahadurgah	Badli	72	243	15	205	2/2/1	0	9
26	Bahadurgah	Badli	72	243	15	205	2/3/1	2	16
27	Bahadurgah	Badli	72	243	15	205	8/1/2	0	2
28	Bahadurgah	Badli	72	243	15	205	9/2	6	0
29	Bahadurgah	Badli	72	243	15	205	10/1	0	2
30	Bahadurgah	Badli	72	243	15	205	12/2/1	0	10
31	Bahadurgah	Badli	72	243	15	205	13/1/1/1	2	17
32	Bahadurgah	Badli	72	243	15	205	13/2/1/1	0	11
33	Bahadurgah	Badli	72	243	15	205	18/1/2	1	1
34	Bahadurgah	Badli	72	243	15	205	18/2/2/1	2	3
35	Bahadurgah	Badli	72	243	15	205	19/2/1/1	0	1
36	Bahadurgah	Badli	72	243	15	205	19/1/2/1	0	1
37	Bahadurgah	Badli	72	243	15	205	23/2	2	11
38	Bahadurgah	Badli	72	243	15	205	24/2	4	14
39	Bahadurgah	Badli	72	243	15	205	7/1	0	6
40	Bahadurgah	Badli	72	243	15	225	4/2	4	16
41	Bahadurgah	Badli	72	243	15	225	5/1	2	16

S.No	Tehsil	Village	Hadbas t No	Area		Rectangl e No	Kila No	Extent to be Acquired	
				K	M			Kanal	Ma rla
42	Bahadurgah	Badli	72	243	15	225	6/2	5	18
43	Bahadurgah	Badli	72	243	15	225	15/2	0	14
44	Bahadurgah	Badli	72	243	15	224	10/2	1	11
45	Bahadurgah	Badli	72	243	15	224	11/2	6	5
46	Bahadurgah	Badli	72	243	15	224	12/1	0	18
47	Bahadurgah	Badli	72	243	15	224	18/2	0	7
48	Bahadurgah	Badli	72	243	15	224	19/2	6	1
49	Bahadurgah	Badli	72	243	15	224	20/1	1	9
50	Bahadurgah	Badli	72	243	15	224	22/1/1	0	11
51	Bahadurgah	Badli	72	243	15	224	23/2	5	5
52	Bahadurgah	Badli	72	243	15	224	22/2/2	2	0
53	Bahadurgah	Badli	72	243	15	224	24/1	0	3
54	Bahadurgah	Badli	72	243	15	237	3/1/2	0	1
55	Bahadurgah	Badli	72	243	15	237	3/2/2	0	9
56	Bahadurgah	Badli	72	243	15	237	3/3/2	0	7
57	Bahadurgah	Badli	72	243	15	237	3/4/2	0	2
58	Bahadurgah	Badli	72	243	15	237	3/5/2	1	13
59	Bahadurgah	Badli	72	243	15	237	4/1/2	5	4
60	Bahadurgah	Badli	72	243	15	237	4/2/1	1	1
61	Bahadurgah	Badli	72	243	15	237	5/1	1	10
62	Bahadurgah	Badli	72	243	15	237	6/2	5	19
63	Bahadurgah	Badli	72	243	15	237	7/1	1	1
64	Bahadurgah	Badli	72	243	15	238	9/2	0	5
65	Bahadurgah	Badli	72	243	15	238	10/1/2	1	15
66	Bahadurgah	Badli	72	243	15	238	10/2/2	1	19
67	Bahadurgah	Badli	72	243	15	238	11/2	2	18
68	Bahadurgah	Badli	72	243	15	238	12/1/2	4	8
69	Bahadurgah	Badli	72	243	15	238	12/2/2	2	0
70	Bahadurgah	Badli	72	243	15	238	13/1	5	0
71	Bahadurgah	Badli	72	243	15	238	18/1	2	0
72	Bahadurgah	Badli	72	243	15	238	19/2	0	1
73	Bahadurgah	Badli	72	243	15	238	14/2	2	13
74	Bahadurgah	Badli	72	243	15	238	17/1	4	9
75	Bahadurgah	Badli	72	243	15	238	15/2	0	13
76	Bahadurgah	Badli	72	243	15	238	16/1	6	0
77	Bahadurgah	Badli	72	243	15	239	20/2/2/2	3	10
78	Bahadurgah	Badli	72	243	15	239	20/1/2	1	18
79	Bahadurgah	Badli	72	243	15	239	15/2	0	13
80	Bahadurgah	Badli	72	243	15	239	16/1	2	9
81	Bahadurgah	Badli	72	243	15	239	16/2/1	3	2
82	Bahadurgah	Badli	72	243	15	239	17/2	6	4
83	Bahadurgah	Badli	72	243	15	239	18/1/2	3	3
84	Bahadurgah	Badli	72	243	15	239	18/2/2	2	19
85	Bahadurgah	Badli	72	243	15	239	19/2	5	19
86	Bahadurgah	Badli	72	243	15	239	22/1	0	4

S.No	Tehsil	Village	Hadbas t No	Area		Rectangl e No	Kila No	Extent to be Acquired	
				K	M			Kanal	Ma r la
87	Bahadurgah	Badli	72	243	15	239	23/1/1	0	3
88	Bahadurgah	Badli	72	243	15	240	6/2	1	4
89	Bahadurgah	Badli	72	243	15	240	7/2	0	0
90	Bahadurgah	Badli	72	243	15	240	11/2	2	0
91	Bahadurgah	Badli	72	243	15	240	12/2	3	18
92	Bahadurgah	Badli	72	243	15	240	13/2	5	12
93	Bahadurgah	Badli	72	243	15	240	14/1/2	0	6
94	Bahadurgah	Badli	72	243	15	240	14/2/2	5	18
95	Bahadurgah	Badli	72	243	15	240	15/1	5	0
96	Bahadurgah	Badli	72	243	15	240	18/1/1	0	14
97	Bahadurgah	Badli	72	243	15	240	19/1/1	2	7
98	Bahadurgah	Badli	72	243	15	240	20/1	3	6
99	Bahadurgah	Badli	72	243	15	241	4/2	0	11
100	Bahadurgah	Badli	72	243	15	241	6/1	1	8
101	Bahadurgah	Badli	72	243	15	241	7/2	5	15
102	Bahadurgah	Badli	72	243	15	241	8/1/2	2	11
103	Bahadurgah	Badli	72	243	15	241	8/2/1	3	11
104	Bahadurgah	Badli	72	243	15	241	26/2	0	9
105	Bahadurgah	Badli	72	243	15	241	9/2	4	6
106	Bahadurgah	Badli	72	243	15	241	10/2	3	0
107	Bahadurgah	Badli	72	243	15	241	11/1	3	4
108	Bahadurgah	Badli	72	243	15	241	12/1	1	11
109	Bahadurgah	Badli	72	243	15	241	13/1	0	2
110	Bahadurgah	Badli	72	243	15	241	2260/2	1	0
111	Bahadurgah	Badli	72	243	15	241	2263/2	0	10
112	Bahadurgah	Badli	72	243	15	241	2261/1	0	4
113	Bahadurgah	Badli	72	243	15	241	2253/1	0	13
114	Bahadurgah	Badli	72	243	15	241	2249/2	0	19
115	Bahadurgah	Badli	72	243	15	241	637/2	1	3
116	Bahadurgah	Badli	72	243	15	241	695/2	0	13
117	Bahadurgah	Badli	72	243	15	241	638/2	1	6
118	Bahadurgah	Badli	72	243	15	241	2357/2	0	11
119	Bahadurgah	Badli	72	243	15	241	2358/1	0	14
120	Bahadurgah	Badli	72	243	15	241	641/2	1	3
121	Bahadurgah	Badli	72	243	15	241	704/2	0	7
122	Bahadurgah	Badli	72	243	15	241	648/2	1	2
123	Bahadurgah	Dariyapur	73	24	05	16	5/2	2	3
124	Bahadurgah	Dariyapur	73	24	05	16	6/1	1	9
125	Bahadurgah	Dariyapur	73	24	05	17	1/1/2	1	0
126	Bahadurgah	Dariyapur	73	24	05	17	1/2	3	11
127	Bahadurgah	Dariyapur	73	24	05	17	10/1/1	1	13
128	Bahadurgah	Dariyapur	73	24	05	17	2/2	5	18
129	Bahadurgah	Dariyapur	73	24	05	17	9/2	0	3
130	Bahadurgah	Dariyapur	73	24	05	17	3/1	5	0
131	Bahadurgah	Dariyapur	73	24	05	17	4/1/2	1	8

S.No	Tehsil	Village	Hadbas t No	Area		Rectangl e No	Kila No	Extent to be Acquired	
				K	M			Kanal	Ma rla
132	Bahadurgah	Dariyapur	73	24	05	17	23/1/2	0	4
133	Bahadurgah	Dariyapur	73	24	05	17	24/1/1	0	4
134	Bahadurgah	Dariyapur	73	24	05	17	110/2	0	8
135	Bahadurgah	Dariyapur	73	24	05	17	455/2	1	4

Appendix - III

Analysed Tables of Socio Economic Survey

1. The socioeconomic survey was carried out in November 2009 amongst 20 affected households. The findings of the socio-economic survey are presented below.

2. Males constitute 56 percent of the population and females 44 percent. Literacy rate (above 6 years age group) of male is 64 percent and that of females is 36 percent. The female literacy rate is very poor reflecting that girl children in this region are still not being able to access education. Sixty eight percent of the main workers are men and only in marginal workforce, women constitute 57 percent. Non workers amongst the women are slightly high compared to men. The social characteristics of the surveyed households are given in Table 1.

Table 1: Social Characteristics of the Surveyed Population

Population		Literates		Main Worker		Marginal Worker		Non Worker	
Sex	%	Sex	%	Sex	%	Sex	%	Sex	%
Male	55.7	Male	63.8	Male	67.6	Male	43.0	Male	48.9
Female	44.3	Female	36.2	Female	32.4	Female	57.0	Female	51.1

Source: Survey Data, November 2009

3. Cultivators constitute 33 percent amongst the main workers followed by 7 percent agricultural labourers. Four percent of the main workers derive their income from household industry. It is interesting to note that those dependant on land i.e. cultivation and agricultural labourers accounts for 40 percent of the main workers. This goes to prove that agriculture is still a main source of income for these people though there is not much interest amongst the people to continue cultivation given the uncertainties attached to cultivation. The economic characteristics of the surveyed households are given in Table 2.

Table 2: Economic Characteristics of the Surveyed Population

Main Work Force		Male	Female
Category	Percentage		
Cultivators	33.0	29.2	39.4
Agricultural labourers	6.7	5.5	8.7
Household Industry	4.4	2.6	7.4
Other Workforce	55.8	62.6	44.5

Source: Survey Data, November 2009

Appendix – IV

Public Consultation and Disclosure Plan

Activity	Task	Timing (Date/Period)	No of People	Agencies
Stakeholder Identification	Mapping of the project area	Mar '10	-	DGM, HSRDC
Project information Dissemination	Distribution of information leaflets to the AHs	April '10	-	HSRDC
Consultation with AHs during Draft SRP preparation	Discuss potential impacts of the project	Dec '09	22	DGM, HSRDC
Notice to all villagers	Publicise project schedule and notice to landowners	Mar '10	-	LAO, Rohtak
Public Notification	Public notification through newspaper advertisement	Mar '10	-	LAO, Rohtak
Socio-Economic Survey	Collect socio-economic information on AHs	May '10	-	DGM, HSRDC
Consultation	Discuss assistance, dates of civil works and compensation and other assistances available	May '10	-	DGM, HSRDC
Publicize the final SRP	Distribute Leaflets or booklets in local language	July '10	-	DGM, HSRDC
Full Disclosure of the SRP to AHs	SRP to be made available in local language to AHs	July '10	-	DGM, HSRDC
Web Disclosure of the SRP	SRP posted on ADB, NCRPB and HSRDC website	August '10	-	HSRDC

Appendix - V

Minutes of Public Consultation

Consultations were held with the villagers along the bypass alignment during the sample socio-economic survey in November 2009. Details of the formation of the bypass and the reason for undertaking improvements were explained. The time taken for construction, the various design standards proposed were also explained.

The queries and concerns of the participants and the response and proposed remedial measures for each of the query/concern is presented below.

S.No	Query / Concern	Response
1	People are aware of the amount that they are likely to get for land as compensation and wanted that the payment be made without delay. There concern is mainly due to delayed payment for KMP Rd acquisitions in the same region	They were informed that no civil works can commence without payment of compensation as per NCRPB's ESMS norms.
2	Wanted to know the width of the road	Was informed that the land is being acquired for 4-lane, but initially the bypass will be a 2-lane road and later as traffic increases the bypass will be made into a 4-lane road
3	The villagers were keen to know If any well is in the bypass and gets affected whether they would be paid	If the land is valued as a wet land, then as per norms the well will not get any additional assistance. But, if the land is classified as dry, then payment will be made for the well.
4	Villagers have livestock and if the road level is raised, how will the cattle move about	The slope is provided in such a manner that men and livestock can easily cross the roads
5	Wanted to know about solution for water logging once the road level goes up	Was informed that adequate drainage is being provided
6	Wanted the government to take the entire land parcel than acquiring a portion and leaving the remaining that becomes unviable	Was informed that as per LA Act, the owner has the option to ask the LAO to acquire the unviable portion also

**BADLI BYPASS
PUBLIC CONSULTATIONS, NCRPB**

Date: 5 November, 2009

S No नम्बर	Name नाम	Designation पद	Address पता
1	कृपाल ड. चारा सिंह	ग्राम पंच वादली	V. P.O वादली पाना बुझ
2	अकपत. रामपाल	ग्राम पंच वादली	V. P.O वादली पाना बुझ
3	Chootu	Shore worker	Badli
4	Rajesh	Lad owner	Badli
5	Rocky	truck driver	Badli
6	Jagdish	worker at cashier-transportation	Badli
7	Anil Kumar	worky at brick kiln driver	Badli
8	Ranbir	Lad owner agriculturist	Badli
9	Mr Basal	JE	PNB bar
10	Mohit Cheta	committee #05 Rajshahi	Badli