



“BUILD BACK BETTER”

RECONSTRUCTION AND REHABILITATION STRATEGY

TRANSPORT (ROADS & BRIDGES) SECTOR

**Government of Pakistan
Earthquake Reconstruction and Rehabilitation Authority
Prime Minister’s Secretariat (Public)**

Abbreviations

ADB	Asian Development Bank
AJK	Azad Jammu and Kashmir
DFID	Department for International Development, UK
DRU	District Reconstruction Unit
DRAC	District Advisory Committee
ERRA	Earthquake Rehabilitation and Reconstruction Authority
EIRR	Economic Internal Rate of Return
EIA	Environmental Impact Assessment
Est	Estimated
FHA	Frontier Highway Authority
IEE	Initial Environmental Examination
JBIC	Japan Bank for International Cooperation
JICA	Japan International Cooperation Agency
Km	Kilometer
LG&RD	Local Government and Rural Development Department
NGO	Non-governmental Organization
NHA	National Highway Authority
NWFP	North West Frontier Province
O & M	Operation and Maintenance
PERRA	Provincial Reconstruction and Rehabilitation Authority
PIU	Project Implementation Unit
PWD	Public Works Department
SERRA	State Reconstruction and Rehabilitation Authority
TMA	Tehsil Municipal Administration
W&S	Works and Services Department

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EXECUTIVE SUMMARY

The earthquake that struck Pakistan on the morning of October 8, 2005 brought widespread destruction in five districts of North West Frontier Province, namely Abbotabad, Mansehra, Battagram, Kohistan and Shangla, and four districts of Azad Jammu & Kashmir, namely Muzaffarabad, Neelum, Bagh and Poonch. It severely damaged physical infrastructure including roads & bridges in all affected districts although extent of damage varied from one district to another. A large number of roads were damaged and destroyed mainly due to the landslides. Roads were the major means of transportation in the affected areas and their immediate rehabilitation was essential for relief and reconstruction activities. Therefore, all possible resources were mobilized to rehabilitate maximum number of roads in the affected areas on emergency basis. However, most of the restoration and repair was temporary in nature and remains susceptible to vagaries of weather and roads suffer from frequent closure due to slides. Therefore, there is a dire need to reconstruct or repair all the damage roads on permanent basis as they are the major means of transportation in those areas and very important for the supply of materials for reconstruction of all other sectors.

Four major national roads, maintained by the National Highways Authority, were damaged or destroyed due to the earthquake. The road network maintained by Provincial/State Government also suffered major damage. The Provincial/State agencies responsible for these roads are Frontier Highway Authority, Work & Services department and Tehsil Municipal Administrations in NWFP, Public Works Department and Local Government & Rural Development Department in AJ&K.

The total length of damaged National Highways is 175 km. The total length of damaged major, link and rural roads in AJ&K is 2521 km and total length of FHA, W&SD and TMA roads in NWFP is 3740 km. Thirty-five major bridges require urgent repair and reconstruction. Another 137 minor bridges, 143 culverts and footbridges would require rehabilitation. Roads requiring reconstruction and rehabilitation are divided into the following categories;

- **Category 1 (a):** Roads and bridges, which do not require any (or minor) realignment to be rehabilitated/reconstructed to their original specification and formation;
- **Category 1 (b):** Roads and Bridges requiring realignment (including land acquisition and resettlement and EIA) to be rehabilitated/reconstructed to their original specification and formation;

- **Category 2 (a):** Roads and bridges, which are required to be rehabilitated/reconstructed to revised specification based on sound justification (traffic count/population - EIRR) *without* change in formation width (no land acquisition/resettlement/environmental impact);
- **Category 2 (b):** Roads and bridges, which require rehabilitation/reconstruction to revised specification based on sound justification (traffic count/population - EIRR) *with* change in formation width (requiring land acquisition/resettlement/environmental mitigation);
- **Category 3 :** Roads and Bridges, which are of strategic importance (major material conduits) for reconstruction and relief work although these are not necessarily damaged by the earthquake;

Roads and bridges covered under various categories listed above shall be prioritized on the basis of following selection criteria:

- i. All roads/bridges, which are being reconstructed to pre-earthquake levels and cost of reconstruction/restoration is less than 30% of the complete reconstruction cost will have the first priority.
- ii. Roads which are being reconstructed to pre-earthquake levels and cost of reconstruction/rehabilitation is more than 30% of the total reconstruction cost, would require an economic internal rate of return (EIRR) of more than 12% to justify the investment and to rationalize and confirm that the selection of road/bridge being made for reconstruction is sound. These would also be first priority roads/bridges if EIRR is more than 12%.
- iii. For upgrading roads and bridges to higher standards, the sub-project proposal will have to justify investment based on EIRR of at least 12%, population served and traffic counts. These sub-projects will be listed under the second priority and would be prioritized based on EIRR and population served/kilometer (catchments of 2 km on either side of the roads).
- iv. Only those sub-projects will be selected for reconstruction or up-gradation that can be completed within the ERRA programme period
- v. The AJK&NWFP/district governments will provide an undertaking for funding the future maintenance and repair requirements of the sub-projects.

The total cost of reconstruction/rehabilitation of all the affected roads and bridges is estimated to be Rs. 27483 million (US \$ 458 million). The requirement indicated by National Highways Authority is Rs 6000 million and that amount is covered under a separate loan of US\$ 100 million provided by the World Bank. The reconstruction cost of all roads for NWFP is 11070.684 million and for AJ&K is Rs 10412.9 million. Asian Development Bank is the main funding agency for the reconstruction of Provincial and State roads. Japan Bank of International Cooperation is providing government counterpart funding for ADB loan. The other partners in reconstruction of roads are the DFID and German government (KFW).

Roads and bridges funded by donors shall be packaged donor-wise so as to ensure that agreed procurement and implementation guidelines are adhered and donor-specific monitoring and reporting requirements can be systematically addressed. Packaging and implementation procedures for all ADB-funded roads have been completed parallel to preparation of this strategy. Packaging and PC-I preparation of World Bank-funded NHA roads has also been completed.

All the reconstruction and rehabilitation work would be completed in three years i.e. June, 2006 to June, 2009. The total length damaged due to earthquake is 6403 km. The target is to reconstruct 1862 km in 2006-07, 2533 km in 2007-08 and 2008 km in the last year i.e. 2008-2009. The financial and physical phasing is based on prioritized needs, availability of resources and capacity of implementing departments/ agencies.

1. INTRODUCTION

1.1. Background

The October 8, 2005 Earthquake was the worst natural disaster in Pakistan's history. It severely damaged buildings, equipment and physical infrastructure in five district of NWFP and four districts of AJK. The disaster not only caused large-scale deaths and injuries to the people but also resulted in massive destruction to the physical infrastructure of those areas. Along with other sectors, most of the major and minor roads also severely damaged.

Due to the mountainous terrain of the earthquake-affected areas, most of roads were built along mountainsides and riverbanks. Earthquake unleashed massive landslides, which caused most of the damage. The damage to roads can be divided into five categories: (i) major landslides caused loss of an entire section of the mountain slope and the road traversing through it (ii) minor landslides depositing a large amount of debris on the road where the mountainside was unstable;(iii) flow of debris including large boulders on the road; (iv) severe cracking in the road due to embankment failure, liquefaction and upheaval of earth; and (v) unstable mountainside slopes that may lead to potential landslides in future.

Restoration of road links was accorded top priority in the immediate aftermath of earthquake so that relief materials could be transported to the affected populations. However, most of the restoration was temporary in nature and the roads remain prone to frequent closure due to vagaries of weather and continuous slides.

The Government of Pakistan recognizes the fact that restoration of physical infrastructure, especially roads, is essential to bring the life to normalcy and to re-generate economic activities in those areas. To achieve this objective, ERRRA has devised this "Strategy for Rehabilitation and Reconstruction of Roads & Bridges network" in the affected districts of N.W.F.P. and AJ&K inline with the government policy of "**Building Back Better.**" The goal is to reconstruct and retrofit the existing bridges to new seismic resistant design; to construct the new bridges as per new standards; to fully rehabilitate the affected National, provincial/state Highways and district roads; to improve and upgrade roads and bridges where EIRR, traffic count and strategic importance justifies that.

1.2 Summary of Damages and needs

According to the survey conducted by National Highway Authority, Government of N.W.F.P. and Government of AJ&K, a total of 6440 km roads and 172 bridges require rehabilitation and reconstruction.

The damage to national highways is shown below in Table-1. These roads are the major highways connecting the earthquake-affected areas with the rest of the country. The last two in the list were till recently the responsibility of State government but have now been entrusted to NHA in view of their socio-economic importance for the area.

Table-1 (Damage to National Highways)

Name of National Highway (Section)	Length of Damaged Section (Km)	Extent of Damage
N-15 (Basian-Balakot-Mahandri-Naran Section)	65	Completely Damaged
N-35 (Battal –Batagram-Thakot)	50	Partially Damaged
S-2 (Kohala-Muzaffarabad)	05	Partially Damaged
Jhelum-Valley Road	55	Partially Damaged

It is estimated that 2521 km roads were partially or fully damaged in AJ&K, which is 45% of the total road network (5340 km) in the affected districts. Out of this, 157.5km are major roads, 851.5 km are metal/ black topped roads and 1512 km shingle roads along with bridges and culverts. The LGRD manages the bulk of shingle roads whereas most of the metal roads are the responsibility of public works department. Summary of damage to roads in AJ&K is given in table 2.

Table- 2 (Summary of roads/bridges damaged due to earthquake in AJ&K)

In	District	Major Road km	Link Road km	Rural Roads km			No of Structures		
				Fair Weather	Stone Sole	Black Top	Total	Bridges	Culverts
	M.abad	42	330	731	25	122	878	28	36
	Bagh	40	100	423	30	101	553	20	17
	Neelum	40	70	67	-	-	67	17	16
	Sudhnoti	-	-	15	36	11	62	-	1
	Poonch	35.5	95	126	59	22.5	208	4	5
	Total	157.5	595	1362	150	256.5	2521	69	75

NWFP, 3740 km of roads were damaged, representing 56% of the total road network (6658 km) in the five districts. These roads consisted of 33 km of Provincial Highways, managed by Frontier Highway Authority, 940 km paved roads and 1644 km unpaved/shingle roads of Works & Services department and 1123 km roads of Tehsil Municipal Administrations along with bridges and culverts. Summary is given in Table 3 below.

Table-3 (Summary of roads/bridges damaged due to earthquake in NWFP)

District	Provincial Highways km	District Roads			Tehsil Roads			No of Structures	
		Damaged Length in km			Damaged Length in Km			Bridges	Culverts
		Shingle	Black Top	Total	Shingle/ Kacha	Black Top	Total		
Abbotabad	-	484	236	720	229.5	109.25	338.75	13	44
Mansehra	-	710	516	1226	378	97.75	475.75	47	24
Battagram	-	130	73	203	85.42	-	85.42	10	-
Shangla	33	173	70	243	127.2	10.53	137	23	-
Kohistan	-	147	45	192	56	30	86	10	-
Total	33	1644	940	2584	876.12	247.53	1122.92	103	68

2. THE STRATEGY

2.1 Vision

The vision of the transport sector strategy is early reconstruction and rehabilitation of roads network damaged or destroyed due to earthquake in a technically sound and cost effective manner ensuring improved quality, access and service delivery.

2.2 Objectives:

The objectives are as under:

- i. To rehabilitate & reconstruct all roads & structures damaged or destroyed due to the earthquake.
- ii. To upgrade the roads & structures to higher standards if the investment is economically feasible.
- iii. To make the road network earthquake resistant by stabilizing the slopes & by retrofitting and reconstructing the structures to new standards.
- iv. To adopt high geometric standards for improvement of safety on the roads.
- v. Maximum use of local material in the restoration and reconstruction of roads, if suitable, according to the specifications.
- vi. To restore/strengthen the capacity of relevant government departments, agencies & institutions by providing them staff, equipment and training for smooth execution of projects.

2.3 Scope:

The scope includes reconstruction and rehabilitation of all National/Provincial Highways, major-minor link and rural roads and bridges/ structures affected by the earthquake.

2.4 Guiding principles

The guiding principles are as under:

- i. Priority will be given to the roads for reconstruction on the basis of the following criteria:
 - The main corridors to the affected area.
 - Access to the population hubs (main towns).
 - Lack of alternative route.
- ii. For the purpose of this strategy, the affected roads have been divided into following categories:

- **Category 1 (a):** Roads and bridges, which do not require any (or minor) realignment to be rehabilitated/reconstructed to their original specification and formation;
- **Category 1 (b):** Roads and Bridges requiring realignment (including land acquisition and resettlement and EIA) to be rehabilitated/reconstructed to their original specification and formation;
- **Category 2 (a):** Roads and bridges, which are required to be rehabilitated/reconstructed to revised specification based on sound justification (traffic count/population - EIRR) *without* change in formation width (no land acquisition/resettlement/environmental impact);
- **Category 2 (b):** Roads and bridges, which require rehabilitated/reconstructed to revised specification based on sound justification (traffic count/population - EIRR) *with* change in formation width (requiring land acquisition/resettlement/environmental mitigation);
- **Category 3 :** Roads and Bridges, which are of strategic importance (major bottle necks) for reconstruction and relief work although these are not necessarily damaged by the earthquake;

iii. Prioritization of roads for annual planning purpose will be based on the following criteria:

- a. All roads/bridges, which are being reconstructed to pre-earthquake levels and cost of reconstruction/restoration is less than 30% of the complete reconstruction cost will have the first priority and would not require any justification to inclusion beyond what is defined in the selection criteria.
- b. Roads which are being reconstructed to pre-earthquake levels and cost of reconstruction/rehabilitation is more than 30% of the total reconstruction cost, would require an economic internal rate of return (EIRR) of more than 12% to justify the investment and to rationalize and confirm that the selection of road/bridge being made for reconstruction is sound. These would also be first priority roads/bridges if EIRR is more than 12%.
- c. For upgrading roads and bridges to higher standards, the sub-project proposal will have to justify investment based on EIRR of at least 12%, population served and traffic counts. These sub-projects will be listed under the second priority and would be prioritized based on EIRR and population served/kilometer (catchments of 2 km on either side of the roads).
- d. Only those sub-projects will be selected for reconstruction or up-gradation that can be completed within the project period
- e. The AJK&NWFP/district governments will provide an undertaking for funding the future maintenance and repair of the selected sub-projects.

- iv. No new road would be constructed from the funds available for rehabilitation & reconstruction except where re-alignment become unavoidable due to unstable ground conditions and land sliding or where a population center has been relocated or deemed very necessary according to the situation.
- v. Widening of National Highways would be allowed for the safety reasons or if such upgrading/widening was already planned prior to earthquake. Secondly some shingle roads would be converted to metal roads if it is serving reasonable population, traffic count justifies such up-gradation and economic internal rate of return (EIRR) is more than 12%.
- vi. Rural roads will be rehabilitated /reconstructed to provide a minimum of basic access to the rural population, however roads constructed to serve few individuals will not be rehabilitated. A thresh hold of population/km to be served would be defined in consultation with provincial/state governments and donors keeping in view geography and socio-economic conditions of the area .The benefits from investment in these roads would be measured in improvement in social indicators due to road rehabilitation/improvement. The prioritization will be done on population served and lack of alternate routes in the vicinity.

2.5 Errors or Omissions:

Any road that has been left out due to error or omission or lack of information will be rehabilitated or reconstructed subject to intimation of such road to ERRRA and approval thereof.

2.6 Methodology

2.6.1 Reconstruction Approach: -

The following will be the key elements of the approach adopted for the implementation of this strategy:

2.6.1.1 Improved disaster preparedness and service delivery:

The road network and allied structures in the earthquake-affected areas will be ***built-back-better*** and upgraded to ensure improved and unhindered communication. This will be accomplished through the following actions.

- i) Partially damaged bridges/culverts, retaining walls/gabions, slopes and other structures would be retrofitted to improve seismic resistance.
- ii) Roads will be relocated away from unstable slopes and grounds.
- iii) New bridges and structures will be designed to comply with the revised/interim design codes.
- iv) Allowance will be kept for the increased traffic and axle-load which will be generated due to the reconstruction activity in the area, in the design of roads.
- v) For the retaining structures, gabions would be preferred due to its flexibility.
- vi) Site investigation & geo-technical reports regarding slope stability will be prepared and incorporated in the design of road.
- vii) Cost effective and appropriate technological options and methods to suit local condition and environment will be used in the reconstruction & rehabilitation of roads.
- viii) EIAs shall be completed prior to design and reconstruction of all those roads where major realignment or up-gradation is anticipated;
- ix) All proposed up-gradations in terms of surface or width shall be justified through EIRR, traffic count and population served.

2.6.1.2 Inter- sectoral Approach: -

The selection and phasing of projects under this strategy will be finalized in tandem with other strategies of ERRRA especially governance, education, health, housing etc. This would ensure that required inputs and access are available for the implementation of activities under those sectors. Due care for conservation and preservation of natural habitat and environment would be exercised during planning and execution of work.

2.6.1.3 Community Participation:

The target communities and NGOs would be involved in the environmental evaluation of the road, road alignment and resettlement / compensation.

2.6.1.4 Capacity Building:

Capacity of line departments will be strengthened to enable them to execute the rehabilitation & reconstruction projects through provision of technical assistance, staff, equipment and training.

2.6.1.5 Linkages & Partnership:

DRU and PERRA/SERRA will ensure that appropriate linkages are established with ongoing projects and programmes in the affected areas to avoid duplication of efforts.

2.6.1.6 Coordination

Transport Advisory Groups (TAGS) comprising representatives of line government departments, donors, NGOs, consultants and public representatives will be formed at the federal, provincial and district levels to provide forum for exchange of ideas regarding implementation and progress of projects. The designated representatives of ERRA / PERRA / SERRA / DRU, who will arrange planning and coordination meetings of group at regular intervals and ensure follow-up on decision taken therein, would lead the group. Active coordination will also be maintained with relevant TAGs especially housing, education, health and environment.

2.6.1.7 Management:

Management of works under this strategy will follow the fundamental ERRA approach of decentralized implementation whereby ERRA is responsible for standard-setting, resource mobilization, coordination and monitoring. Implementation would be the responsibility of PERRA/SERRA, DRUs and concerned implementing agencies (NHA, PWD, W&S and TMAs). The PMUs established for ADB-funded roads in NWFP and AJK will be responsible for complete implementation cycle under the supervision of concerned DRU/PERRA/SERRA. For the rest of schemes, the concerned implementing agencies at the district level will be responsible for annual plans, preparation of packages, PC-Is, tender documents, tender proceedings and supervision of construction in line with the phasing indicated in this strategy. DRUs will be responsible for processing and approval of plans through DRACs, overseeing the tendering process, provision of funds and overall monitoring and quality control. PERRA/SERRA shall be responsible for reviewing the district work plans, consolidation of the plans, review and approval by Provincial/State Steering Committee and submission of plans to ERRA. They shall also ensure timely technical and financial sanction of projects falling within the purview of provincial/state level and timely submission of documents for technical and financial sanction falling within the purview of ERRA Board/Council. ERRA will ensure timely provision of technical and financial sanction for such schemes and timely provision of funds to PERRA/SERRA and DRUs for implementation of schemes.

2.6.1.8 Quality assurance:

The contract of roads & bridges will be packaged together to attract International & national contractors of good repute for quality work. The contractors will be pre-qualified as per the criteria laid down by ERRA or PERRA/ SERRA. Quality of work will be ensured through direct supervision by implementing agency, overall monitoring by DRU, PERRA/SERRA and ERRA & third party validation. Major road projects will have supervision consultants for quality assurance.

3. COMPONENTS AND BUDGET

3.1 Component Activities:

A brief description of the key components and activities is as under:

i) **Road Works:**

This component will support rehabilitation, reconstruction and up-gradation/improvement of the affected roadway including shingle, surface treated and asphalt roads.

ii) **Reconstruction, repair of structures (bridges, culverts and causeway etc):**

The budget required for the repair/strengthening and reconstruction of structures including bridges, culverts, causeways and side drains would be calculated under this head. It will also cover the slope stabilization measures including the construction/repair of retaining walls, gabions etc.

iii) **Relocation of Utilities and land acquisition:**

In case of relocation/realignment and widening of roads, additional land would be needed and it may necessitate shifting of utilities. The compensation to be paid to the affectees and the cost of shifting of utilities will be provisioned under this head.

iv) **Capacity building:**

This component covers restoration and further strengthening the capacity of implementing agencies through provision of (i) incremental project staff, (ii) training on earthquake resistant designs, disaster preparedness, planning, financial/project management and procurement procedures, (iii) technical assistance/consultancy services for undertaking detailed assessments and feasibility studies, preparation of designs, cost estimates, PC-1s, technical specifications and bidding documents; formulation of plans/strategies and site supervision for quality control (iv) necessary office equipment, furniture and logistic support and incremental operational costs.

3.2 Budget Estimates

The total tentative budget required for the rehabilitation and reconstruction of roads and bridges/culverts in the earthquake affected areas has been estimated as Rs 27483.14 million (US\$ 458.05 million). The requirement of National Highway Authority is Rs 6000 million, NWFP is Rs 11070.684 million and AJK is Rs 10412.9 million. The overall budget estimate (component wise) is presented in **Table 4**.

Table 4. Budget Estimates for the Reconstruction of Road network & Bridges

Component	NWFP Rs. Million	AJK Rs(Million)	NHA Rs(Million)	Total Rs (Million)
Road Works	9418	7517.5	5055	21991
Structure Works	760	1920.61		2680.61
Land Acquisition shifting of Utilities	-	-	60	60
Project Staff	34.884	172.78	90	297.664
Vehicles	24	26.38	-	50.38
Equipment	3.35	3.607	-	6.957
O &M	13.45	23.58	-	27.03
Consultancy	382	335	258	717
Contingency	435	413	637	1485
Grand Total	11070.684	10412.9	6000	27483.14 (US\$ 458.05 M)

The tentative financial requirement for reconstruction of roads for NWFP, indicating the requirement for each implementing agency, is given in Table 5.

Table 5. Budget estimates for Reconstruction of Roads-NWFP

District Agency	A. abad	Mansehra	Battagram	Kohistan	Shangla	Total
FHA	-	-	-	-	560	560
W&S	2761.77	5108.75	840.51	357.37	489.35	9557.75
TMAAs	507.3	224.7	13.4	141.4	66.1	952.934
Total	3269.07	5333.45	853.91	498.77	1115.45	11070.68

The tentative financial requirement for reconstruction of road in AJK, indicating the requirement for each implementing agency, is given in Table 6.

Table 6. Budget Estimates for Reconstruction of Roads-AJK

District Agency	M. abad	Bagh	Poonch	Neelum	Sadhonti	Total
PWD	2723.92	1164.68	493.55	1101	-----	5483.15
LG&RD	2952.56	1307.51	318.80	278.175	72.71	4929.75
Total	5676.48	4772.19	812.35	1379.17	72.71	10412.9

Budget estimates for the reconstruction of each individual scheme are indicated in the annexure related to each implementing agency. The budget estimates are based on composite Schedule of Rates of NHA, Govt of N.W.F.P. and AJK as well as prevailing market rates. The executing agencies may make necessary adjustments within the allocated budget based on detailed assessment. The details of roads damaged and needed to be reconstructed are given in the Annexures listed in Table 7.

Table 7. Detail of Roads to be Reconstructed

S.No	Name of Road Agency	Annex
1.	NHA	1
2.	FHA	2
3.	LGRD AJ&K	
	Muzaffarabad	3A
	Bagh	3B
	Neelum	3C
	Poonch	3D
	Sudhanoti	3E
4.	PWD AJ&K(Roads & Bridges)	
	Muzaffarabad	4A
	Bagh	4B
	Neelum	4C
	Poonch	4D
5.	TMA's NWFP	
	TMA Abbottabad	5A
	TMA Havelian	5B
	TMA Mansehra	5C
	TMA Oghi - Mansehra	5D
	TMA Balakot	5E
	TMA Battagram	5F
	TMA Allai	5G
	TMA Allpurai	5H
	TMA Puran District shangla	5I
	TMA Pattan District Kohistan	5J
	TMA Palas District Kohistan	5K
	TMA Dassu District Kohistan	5L
6.	W & S Department NWFP	
	Abbotabad	6A
	Mansehra	6B
	Battagram	6C
	Kohistan	6D
	Shangla	6E
7.	Roads Funded by ADB	7
8.	Unfunded Roads / Bridges of W&S Department - NWFP	
	Abbottabad	8A
	Mansehra	8B
	Battagram	8C
	Shangla	8D
	Kohistan	8E

3.3 Available Resources & Utilization

Multilateral and bilateral donors are the main source of funding for this sector (both loan and grants). These include ADB (loan and grant), JBIC (government counter part funding for ADB loan), World Bank (NHA roads), German debt swap, DFID (grant) and JICA (grant). The amount indicated in Table 8 against each donor agency are tentative and may increase or decrease.

Table 8: Tentative Funding Commitments from Donor Agencies)

Source	ADB Grant	ADB Loan	JBIC (GOP Counter part Funding for ADB Loan)	German Debt Swap	DFID Grant	JICA Grant	World Bank	Total
Rs. (M)	491.00	7009.00	2100.00	840.00	452.00	300.00	6755.25	17947.25
US \$ (M)	8.19	116.82	35.00	14.00	7.53	5.00	112.48	299.02

3.4. Selection Mechanism:

All roads indicated in this strategy paper are divided into two priority criteria, which are as under:

3.4.1 Priority I:

These roads have been identified based on prioritization criteria specified in this strategy. These roads have also been selected by ADB for coverage under their loan and have also been surveyed by the consultants of ADB. This selection is considered final and steps for design and of these roads will be started as early as possible. The resources i.e. ADB (both loan & grant), JBIC counter part funding, JICA and DFID grant would be utilized for reconstruction/rehabilitation 2221km roads (59 bridges & 755 km roads of PWD in AJK , 23 bridges & 1466 km road of W&S department in NWFP). The detail of these roads & bridges is given in **Annex-“7”**. Similarly World Bank is providing funding to National Highways Authority for the reconstruction of national highways. The details have been finalized and roads have been selected. The actual work on those roads will be started after the approval of this strategy from the competent forum.

3.4.2. Priority II:

The roads indicated in Annexures 3-A to 3D, 5A to 5L & 8, are those where no agreement has yet been reached with the concerned departments nor is there any definite funding source identified at the moment. These roads are treated as priority II for the purpose of this strategy. Eligible roads from among these will be determined on the basis of a detailed survey and assessment. Overall summary of total length involved is given in Table 9 below.

Table 9. Roads Requiring Detailed Eligibility Assessment

NAME OF THE AGENCY	Road length in KM
W&S department NWFP	1120
TMA roads NWFP	1122
Rural road of LGRD AJK	1478

These roads will be funded only if they fulfill the conditions indicated in the guiding principles. The Monitoring and Evaluation Wing of ERRA, DRU, donor in case of foreign fundings or any agency or consultant specifically designated by ERRA for evaluation, will carry out the assessment of those roads.

3.5. Contract packages

The packaging of the roads will be done in a manner to attract national and international contractors. For International competitive bidding, works will be packaged into contracts in the range of Rs. 300 to 1000 million, and for national competitive bidding, the package size will range between Rs 150 to 300 million. Local contracts below Rs. 150 million will be an exception and not a norm.

3.6. Incremental Administration and Implementation Arrangement

The Steering Committee of PERRA has proposed a PIU in the W&S Department for implementation of the transport sector portfolio funded by the ADB. This has been done keeping in view the comparative advantage, capacity of W&S Department to implement this portfolio, and limited time available for reconstruction activities. The Department intends to establish a PMU in Manshera looking after the implementation of the Project activities in Manshera and Abbotabad, and a sub-office at Besham for the implementation of the Project in Shangla, Battagram and Kohistan. The overall cost for the incremental administration if any will be met from the grant component of ADB financing.

The Steering Committee of AJK SERRA has proposed a PIU in the PWD for implementation of the transport sector portfolio of ADB. Justification for a PIU is the same as in case of NWFP. The implementation structure includes the establishment of district offices, one each in the four-affected district for implementation of the Project, under the overall supervision of the Project Coordinator in PIU, PWD stationed in Muzaffarabad.

Both PIUs will have the same role and responsibilities vis a vis DRUs and PERRA/SERRA as those of other implementing agencies/departments. The overall cost for the incremental

administration amounts to \$0.928 million and will be met from the grant component of the ADB financing.

Project Management arrangements for the DFID and KFW funded roads would be agreed once the financing agreements are finalized and projects agreed. One possible option would be to utilize the capacity of same PIUs that have been established for ADB funded schemes.

3.7. Consultant Packages and Hiring

The W&S Department has recommended three packages for ADB funding; one for provincial highways, one for Battagram and Mansehra districts combined and one for Kohistan, Shangla and Battagram combined. This has been done keeping in view the comparative advantage of the consultancy firms already working in these areas and considering the risks involved in the hiring of single consultancy firm, given the capacity issues of the available consultants.

For ADB funded roads in AJK, PWD's preference is for a dedicated consultancy that would be directly procured by SERRA/PWD. Government of Pakistan and Government of AJ&K have in principle endorsed the request for direct hiring of consultants under the TA package. This has been done keeping in view the comparative advantage and capacity of the consultancy firms, which have done extensive work in the transport sector in AJK in the past.

4. IMPLEMENTATION ARRANGEMENTS

4.1 Implementation

The strategy will be implemented through the concerned department/ agencies. The completion time for the execution of the schemes would be three years (2006-2009). The executing agencies are National Highway Authority for National Highways, PWD and local government in AJK for the major, link and rural roads and the FHA for provincial highways in NWFP, W&S department for the district roads and Tehsil Municipal Administration for the local government/rural roads in N.W.F.P.

The following implementation arrangements have been worked out for rehabilitation and reconstruction of roads and bridges in the affected area:

A. Implementation through the ongoing Projects:

All the affected National Highways (175 km) and some fair weather roads (290kms) in the AJK would be rehabilitated & reconstructed through additional assistance in the ongoing World Bank & JICA sponsored projects in the road & highway sectors. The mechanism for this would be as under:-

- i. Preparation of project proposal as per ERRA's format by the executing agency and submission for approval.
- ii. Signing of Memorandum of understanding/ agreement between Govt of Pakistan - World Bank and JICA (Japan).
- iii. Detailed assessments, planning, designing and implementation by NHA & LGRD (AJ&K) in line with the provision of this Strategy and procedures and policies of ERRA
- iv. Hiring of consultants and contractors through negotiation under direct contracting method / bidding.
- v. Supervision and monitoring by the donors, executing agencies, DRU, ERRA & SERRA.
- vi. Commissioning and handing over of schemes to the line agency after issuance of completion certificate to this effect by DRU.

B. Implementation through new Projects:

The following steps would be taken for the implementation of these projects:

- i. Preparation of Annual Work Plan and its approval by competent forums
- ii. Hiring of consultants
- iii. Detailed assessment, feasibility, design and preparation of PC-1
- iv. Submission of PC-1 to DRU/SERRA/PERRA/ERRA for approval.
- v. Contract Packaging keeping in view project area, nature of work etc with the aim to attract international/national level contractors
- vi. Execution of civil works through contractors
- vii. Supervision and monitoring by the consultants, line agencies, PERRA/SERRA/DRU/ERRA and the sponsoring agency.
- viii. Commissioning and handing over of projects to the departments.

C. Recruitment of incremental staff and Project Procurements

Implementing agencies in AJK, N.W.F.P & NHA will recruit incremental project staff in consultation with sponsors. A committee having representatives from ERRA, PERRA/SERRA, will oversee the recruitment process. Implementing agencies in collaboration with DRU/SERRA/PERRA will procure supplies and equipment and engage consultants & contractors through competitive bidding process in line with ERRA's guidelines, policies and procedures.

4.2. Monitoring and Evaluation

Primary responsibility for monitoring and quality assurance would be that of PIU for ADB funded projects and of executing line department in case of other roads/bridges. PERRA/SERRA/DRUs will carry out overall monitoring. Monitoring and Evaluation Wing of ERRA will conduct external monitoring covering quality and timeliness aspects. ERRA will carry out impact monitoring as part of overall reconstruction program. Third party validation and impact monitoring will be carried out by selecting an external agency using transparent process. The common procurement, accounting, auditing and internal control systems specified by ERRA or concerned donor (in case of foreign funded project) would be applicable.

5 TARGETS

5.1. Physical and Financial Targets:

Sector targets for the period July 2006- June 2009 are summarized below

A. National Highways

- i. Inspection, site survey, investigation & engineering design of 175 Km road.
- ii. Cost estimation, PC-I preparation and approval from competent forum(s);
- iii. Package preparation, bid documentation and invitation for bidding;
- iv. Bid approval by competent forum and prior review by donor;
- v. Award of contract and handing over of site;
- vi. Shifting of utilities , land acquisition
- vii. Rehabilitation and reconstruction of 175 km length of highways
- viii. Ancillary works, road signs, lane marking etc.
- ix. Commissioning of the road after completion certification from PERRA/SERRA/ERRA as the case may be and assumption of control by concerned agency for maintenance.

B. NWFP & AJK

- i. Procurement/selection of consultancy services and prior review by ADB;
- ii. Inspection, site survey, investigation& design of of provincial and district roads in NWFP and AJK by consultants.
- iii. Preparation of PC-I and approval thereof by comptent forums;
- iv. Package preparation, bid documentation and invitation for bidding;
- v. Bid approval by competent forum and prior review by donor;
- vi. Award of contract and handing over of site;
- vii. Shifting of utilities , land acquisition
- viii. Rehabilitation and reconstruction of roads.
- ix. Ancillary works, road signs, lane marking etc.
- x. Commissioning of the road after completion certification from PERRA/SERRA/ERRA as the case may be and assumption of control by concerned agency for maintenance.

C. Process for un-funded Roads:

- i. Procurement/selection of consultancy services and prior review by ADB;

- ii. Detailed assessment of 1478 km in AJK , 2243 km roads in NWFP to determine eligibility for rehabilitation/reconstruction.
- iii. Preparation of PC-I and approval thereof by competent forums, if fulfill the eligibility criteria;
- iv. Package preparation, bid documentation and invitation for bidding;
- v. Bid approval by competent forum and prior review by donor;
- vi. Award of contract and handing over of site;
- vii. Shifting of utilities , land acquisition
- viii. Rehabilitation and reconstruction of
- ix. Ancillary works, road signs, lane marking etc.
- x. Commissioning of the road after completion certification from PERRA/SERRA/ERRA as the case may be and assumption of control by concerned agency for maintenance.

Year wise targets for NHA, AJK and NWFP are summarized in tables below:

Table 10: Year wise Targets for National Highways

Year	2006-07	2007-08	2008-09
Targets			
Length of Road (km) Reconstructed/ rehabilitated	52	72	51

Table 11: Year- wise Targets for AJ&K

Year	2006-07	2007-08	2008-09
Target			
Length of Road (km) Rehabilitated/reconstructed	760	961	800
No of Bridges Constructed Rehabilitated	19	28	22
No of foot bridges & culverts Rehabilitated/ reconstructed	20	34	21

Table12: Year- wise Targets for NWFP

Year Targets	2006-07	2007-08	2008-09
Length of Road (km) Rehabilitated/reconstructed	1050	1500	1190
No of Bridges Rehabilitated/reconstructed	28	40	35
No of culverts Rehabilitated/reconstructed	20	28	20

The financial phasing for NHA, NWFP and AJ&K is shown in Table 13 below.

Table 13: Financial Phasing

	2006-07	2007-08	2008-09	TOTAL
NWFP	3471.2	4228.3	3371.2	11071
AJK	3210	4030.9	3172	10413
NHA	1800	2400	1800	6000
TOTAL	8481.2	10659	8343.2	27484

5.2 Indicators and Reporting

Implementing agencies/PIU will submit monthly, quarterly and annual progress reports to DRU/PERRA/SERRA/ERRA/concerned donor against the stipulated targets. The report will contain the following information:

A Road work

- i. Length of road rehabilitated
- ii. %age of different quantities for reconstruction of road. (Earthwork, base, asphalt/ surface course etc).
- iii. Financial/ physical progress

B Structures

- i. No of Bridges/ culverts / retaining walls repaired / rehabilitated.
 - ii. %age progress bridges reconstruction.
- C. Shifting of utilities and Land acquisition (Project Specific, %age)**
- D. Capacity Building**
- i. Number of consultant staff mobilized.
 - ii. Number & type of project staff recruited
 - iii. Number of vehicle , office equipment and fixtures procured
- E. Issues and Constraints**
- i. Any major issues or impediments affecting progress
 - ii. Recommendations for resolution of such issues

A comprehensive management information system for transport sector will be established by ERRRA to provide accurate and timely information for decision-making as well as for dissemination to partners and public.

6. WORK PLAN

Table 14 presents a three –year work plan for the sector. Every implementing agency will prepare and submit quarterly and annual work plans as per specified deadlines for the approval of competent forums. The Work Plans will contain annual physical targets and corresponding financial requirements for each activity listed in the work plan. Approved Annual Work Plan will be the main tool for progress reporting and monitoring.

Table 14 Indicative Work Plan for Transport Sector

S. No	Main Activities	Responsibility	2006			2007				2008				2009	
			Q-2	Q-3	Q-4	Q-1	Q-2	Q-3	Q-4	Q-1	Q-2	Q-3	Q-4	Q-1	Q-2
1	Finalization of Transport Sector Strategy	ERRA, PERA, SERA, DRU, line agencies and donors	■												
2	Staff recruitment, procurement of office equipment/vehicles, hiring of consultants, pre-qualification of contractors and suppliers,	Line agencies* in collaboration with DRUs		■											
3	Detailed assessments/feasibility studies, development of strategies/plans, preparation of designs/PC-1 and approval	Line agencies in collaboration with DRUs and partners		■	■	■									
4	Execution of work and handing over to communities or line agencies	Line agencies, partners, DRUs			■	■	■	■	■	■	■	■	■	■	■
5	Training workshops	ERRA, PERA, SERA, DRU, Line agencies		■	■	■									
6	Supervision and monitoring	Line agencies, DRU, PERA, SERA, ERRA		■	■	■	■	■	■	■	■	■	■	■	■
7	Preparation of quarterly/annual work plans, progress reports and advance requests	Line agencies	■	■	■	■	■	■	■	■	■	■	■	■	■
8	Coordination meetings and follow-up		■	■	■	■	■	■	■	■	■	■	■	■	■
9	Evaluations				■		■			■				■	

*Line agencies include W&SD and TMAs in NWFP, PWD and LG&RD in AJK and NHA

NATIONAL HIGHWAY AUTHORITY

S/No	Name of Roads	Affected Length	Cost in Rs (Million)
1.	N-15 Bassian – Balakot – Mahindri – Naran Section	65 KMs	2280
2.	N-35 Battal – Battagram – Thakot Section	50 KMs	840
3	S-2 Kohala – Muzaffarabad Section	05 KMs	240
4.	Jhelum Valley Road – Muzaffarabad – Chakothi	55 KMs	1680

FRONTIER HIGHWAY AUTHORITY

S/No	Name of Roads	Affected Length	Cost in Rs (Million)
1.	Shangla – Besham	33 KMs	560

LGRD ROADS (AJ&K)
DISTRICT MUZAFFARABAD

S.No	Union Council	Name of Scheme	Type of Road (KM)			Unit Cost/KM			Total Length	Nature of Reconstruction work	Population	Estimated Cost (Rs. In Million)
			F/W	B/T	S/S	F/W	B/T	S/S				
1	Bahari	Link road Dobba Gali Kather	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	558	2.997
2	Bahari	Link road Seri Bahari	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	984	5.994
3	Balgran	Link road Balgran to Kailgran	12	0	0	2.997	1.214	2.595	12	EW,P/Work, X-D	7335	35.964
4	Balgran	Link road Garthnar	4.5	0	0	2.997	1.214	2.595	4.5	Earth Work, Protection work	2280	13.4865
5	Balgran	Link road Nosari to kailgran	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	1390	11.988
6	Balgran	Link road Khota Balgran	0	1	0	2.997	1.214	2.595	1	Earth Work, Protection work	870	1.214
7	Banna Moula	Kappa Gali to Ghasala	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1850	2.997
8	Banna Moula	Holla to Ghaipura	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1200	2.997
9	Banna Moula	Bela Ghai Pura to Chakmaqum Hochery	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	4835	5.994
10	Banna Moula	Lubgran Thariada Shrief	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1875	2.997
11	Banna Moula	Tala Wari to Bajaldar	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1360	5.994
12	Chakhama	Chakhama To Batangi	1	0	0	2.997	1.214	2.595	1	EW,P/Work, X-D	300	2.997
13	Chakhama	Mahmoodoo Bela to Mohrian	1	0	0	2.997	1.214	2.595	1	EW,P/Work, X-D	200	2.997
14	Chakhama	Kot Barni to Manji Nakkar Gharthama	1	0	0	2.997	1.214	2.595	1	EW,P/Work, X-D	500	2.997
15	Chakhama	Power House to Koona Darra Barrkot	12	0	0	2.997	1.214	2.595	12	EW,P/Work, X-D	7512	35.964
16	Chakhama	Garthama to Poonian	1	0	0	2.997	1.214	2.595	1	EW,P/Work, X-D	600	2.997

17	Chakiar	Sarran to Chikar	6	0	0	2.997	1.214	2.595	6	Earth Work, Protection work	1870	17.982
18	Chakiar	Batangi to Bail	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1400	8.991
19	Chakiar	Chikar to But Sher	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	925	11.988
20	Chakiar	Nagnai to Kasarkot	2	0	2	2.997	1.214	2.595	4	Earth Work, Protection work	1051	11.184
21	Chakiar	Kakharai to Kotli	1.5	0	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	1205	4.4955
22	Chakiar	Chikar to kundian Shukrian	1.5	0	1	2.997	1.214	2.595	2.5	Earth Work, Protection work	1015	7.0905
23	Chakiar	Domail to Lodhiabad	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	1025	11.988
24	Charakpura	L/R Arokkater	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	523	5.994
25	Charakpura	Link road upper chadira to Lower chadira	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1870	5.994
26	Charakpura	Link road Charakpura to Baka	2.5	0	0	2.997	1.214	2.595	2.5	Earth Work, Protection work	2815	7.4925
27	Charakpura	Link road Asgharabad to Charwaya	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1025	5.994
28	Charakpura	Link road Danna Muglian	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1200	5.994
29	Charakpura	L/R Gali to Dakka	1.5	0	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	515	4.4955
30	Charakpura	Link road Kakliot to Matiahi	3	0	0	2.997	1.214	2.595	3	EW,P/Work, X-D	900	8.991
31	Charakpura	Link road JV road to Kamaar Bandi	6	0	0	2.997	1.214	2.595	6	EW,P/Work, X-D	3534	17.982
32	Charakpura	Link road Malam gali to kamar bandi Zariat	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	635	5.994
33	Charakpura	L/R Raroo Kappa but	0	1.5	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	1025	1.821
34	Charakpura	Link road Kappa Butt	0	0	4	2.997	1.214	2.595	4	EW,P/Work, X-D	1025	10.38
35	Charakpura	Link road Katheli	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1525	5.994
36	Charakpura	Link road Malam gali to Chamiayati	1.5	0	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	550	4.4955

37	Charakpura	L/R Rara to Thala	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	751	5.994
38	Charakpura	L/R Saibtan to Tandan	1.5	0	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	411	4.4955
39	Chatter Domail	Link road Charwaya	7	0	0	2.997	1.214	2.595	7	Earth Work, Protection work	4000	20.979
40	Chatter Domail	Link road Kaloch	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	970	8.991
41	Chatter Domail	Link road Kangran to Charak Poora road	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1300	8.991
42	Chatter Domail	Link road Majhoi	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1200	2.997
43	Chatter Domail	Link road Subri to Subri Balla	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	713	5.994
44	Chatter Domail	Link road Sundgran to charkpura	2.5	0	1.5	2.997	1.214	2.595	4	Earth Work, Protection work	1718	11.385
45	Chatter Domail	Link Road JV road to Khagran	6	0	1.5	2.997	1.214	2.595	7.5	Earth Work, Protection work	2518	21.8745
46	Chatter Domail	Link road Tandali to Ranwar Sharif	12	0	0	2.997	1.214	2.595	12	Earth Work, Protection work	4336	35.964
47	Chatter Kalass	Bharora	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	558	5.994
48	Chatter Kalass	Brsala to Dhan Gali	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	398	5.994
49	Chatter Kalass	Kharaabad Khira	1	0	2	2.997	1.214	2.595	3	Earth Work, Protection work	984	8.187
50	Chatter Kalass	Main road to Doli Aocha	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	7875	11.988
51	Chatter Kalass	Rara Bypass	1	0	6	2.997	1.214	2.595	7	Earth Work, Protection work	813	18.567
52	Chatter Kalass	Zamanabad to Sayian	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1185	5.994
53	Chinari	Chaniri Main Road to Amra Sawan	5	0	0	2.997	1.214	2.595	5	Earth Work, Protection work	1200	14.985
54	Chinari	Chinari to Banian	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	500	5.994
55	Chinari	Chinari to Chanuian	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	782	2.997
56	Chinari	Barrian to Jaskool	6	0	0	2.997	1.214	2.595	6	Earth Work, Protection work	2100	17.982

57	Chinari	Serik Chanari to Nulla Pasarri	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	325	2.997
58	Chinari	Bandi saydan to sarban	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1598	8.991
59	Danna	Danna to Heryoal to Nallah Agar	2	0	4	2.997	1.214	2.595	6	Earth Work, Protection work	4835	16.374
60	Danna	Drbaung to Nallah agar	2	0	1	2.997	1.214	2.595	3	Earth Work, Protection work	2500	8.589
61	Danna	Jandro to Jander	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1360	5.994
62	Danna	Pothian	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	550	8.991
63	Danna	Thana Gali to Sahooter	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	655	2.997
64	Danna	Thana Gali to Tasian	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	687	2.997
65	Gojar Bandi	Kathi Sudhani to Kotla	5	0	0	2.997	1.214	2.595	5	Earth Work, Protection work	3000	14.985
66	Gojar Bandi	Main road to Mera Bakot	2.5	0	0	2.997	1.214	2.595	2.5	EW,P/Work, X-D	1600	7.4925
67	Gojar Bandi	Tili Kot to Jundgran	16	0	0	2.997	1.214	2.595	16	Earth Work, Protection work	6555	47.952
68	Gojara	Link road Abyol to Domishi	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	600	5.994
69	Gojara	Link road Bandi Samma to Saririan	6	1	0	2.997	1.214	2.595	7	Earth Work, Protection work	1275	19.196
70	Gojara	Link road Batangi Sharif	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1480	8.991
71	Gojara	Link road Dara road to Choorian	2.5	0	0	2.997	1.214	2.595	2.5	Earth Work, Protection work	435	7.4925
72	Gojara	Link road Rahail Kutli to Domashi	3.5	0	0	2.997	1.214	2.595	3.5	Earth Work, Protection work	1619	10.4895
73	Gojara	Link road Kalas Dara	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	364	5.994
74	Gojara	Link road Karna Tohar	1.5	0	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	350	4.4955
75	Gojara	Link road Pir Nachal	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	150	2.997
76	Gojara	Link road Sirarian road to Lundi Mori	2.5	0	0	2.997	1.214	2.595	2.5	Earth Work, Protection work	780	7.4925

77	Gojra	Link road Lohar Gali to Patreend	2	0	0	2.997	1.214	2.595	2	EW,P/Work, X-D	1861	5.994
78	Hattian Bala	Sawan to Tanian	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	1200	11.988
79	Hattian Bala	Chatian Mor to Dairian Rara	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1200	8.991
80	Hattian Bala	Link road Siri to Kakrai	2	0	0	2.997	1.214	2.595	2	EW,P/Work, X-D	398	5.994
81	Hattian Bala	Hail Maadi Nara to Nainan Chakar	6	0	0	2.997	1.214	2.595	6	Earth Work, Protection work	2200	17.982
82	Hattian Bala	Chand kot to Nallah Chaki	6	0	0	2.997	1.214	2.595	6	Earth Work, Protection work	1400	17.982
83	Hattian Bala	Chattian Sokar	1	1	0	2.997	1.214	2.595	2	Earth Work, Protection work	640	4.211
84	Hattian Bala	Thanda mor to Sokar	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1400	5.994
85	Hattian Dupatta	Arthaka Awanpatti to Gatta Nagri	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1285	8.991
86	Hattian Dupatta	Nakkar Awan patti Bala to Pharia Kals	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	4000	5.994
87	Hattian Dupatta	Bandi Battian	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	845	5.994
88	Hattian Dupatta	Bandi Jamindarian	1	0	1	2.997	1.214	2.595	2	Earth Work, Protection work	1330	5.592
89	Hattian Dupatta	Darani to Pagwand	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	435	5.994
90	Hattian Dupatta	Hollian to Pathyali	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1050	5.994
91	Hattian Dupatta	Kholian Katpura	0.5	0	1	2.997	1.214	2.595	1.5	Earth Work, Protection work	844	4.0935
92	Hattian Dupatta	L/R Main Road to Battlian	1	1	0	2.997	1.214	2.595	2	Earth Work, Protection work	600	4.211
93	Hattian Dupatta	Pagwand to Dupatta	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	860	5.994
94	Hattian Dupatta	Ram Chatter Pagwan Dupatta	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	690	2.997
95	Hattian Dupatta	Sattar Karian	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	400	2.997
96	Heer Kutli	Link road Ashrog	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1185	5.994

97	Heer Kutli	Link road Kamsar Batmang	0	3	0	2.997	1.214	2.595	3	Earth Work, Protection work	4835	3.642
98	Heer Kutli	Link road Nakka Batmang	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	398	5.994
99	Heer Kutli	Link road Khanian Muslimabad	4	2	2	2.997	1.214	2.595	8	P/Work, X-D	7875	19.606
100	Heer Kutli	Link road Bashah to Pakdum	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	884	11.988
101	Jhandgran	Jhandgran to Awani Bowani	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	885	8.991
102	Jhandgran	Batراسى to Jhandgran	3	0	3	2.997	1.214	2.595	6	Earth Work, Protection work	3450	16.776
103	Jhandgran	Dambi to Kari	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	3175	8.991
104	Jhandgran	Kharian to Mara Khurd via saleh Gali	11	0	11	2.997	1.214	2.595	22	Earth Work, Protection work	280	61.512
105	Jhandgran	Narat to Dambi	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	445	8.991
106	Jhandgran	Potha to Salyala Gali	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	800	5.994
107	Jhandgran	Salyal Gali to Awar Umer Khan	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	660	11.988
108	Jhandgran	Sokar to Nallah Agar	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1195	8.991
109	Jhandgran	Timbi Ghandgran	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1347	5.994
110	Kachali	Bagala	5.5	0	0	2.997	1.214	2.595	5.5	Earth Work, Protection work	3584	16.4835
111	Danna	Saheed Gali to Balla	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	4432	5.994
112	Kachali	Tharjala to Lower Tharjala	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1288	2.997
113	Kachali	Tharjala to Pull Kayiaty	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	550	5.994
114	Kahori	Link road Batanga	2.5	0	0	2.997	1.214	2.595	2.5	Earth Work, Protection work	725	7.4925
115	Kahori	Link road Balsari chanjal	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	687	8.991
116	Kahori	Link road Zinda Pir to Konkan	2	3	2	2.997	1.214	2.595	7	Earth Work, Protection work	2500	14.826

117	Kahori	Link road Paghala Parcasha	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	600	8.991
118	Kahori	Link road Parcasha	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	655	5.994
119	Kahori	Link road Sachian Dharkot	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	745	11.988
120	Kahori	Link road Chatt Gran to pajgran	0.5	0	0	2.997	1.214	2.595	0.5	Earth Work, Protection work	325	1.4985
121	Kahori	Link road Suchian Mandle	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	550	5.994
122	Kahori	Link road Tarknbandi	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	550	2.997
123	Kaimanja	Dachor Mirian to Phundgran	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1780	5.994
124	Kaimanja	Dochar Mirian to Zariat Tolla	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	898	5.994
125	Kaimanja	Moyian Syedian to Phundgran Patti bun	6	0	0	2.997	1.214	2.595	6	Earth Work, Protection work	698	17.982
126	Kaimanja	Ornian Sarran	3.5	0	0	2.997	1.214	2.595	3.5	Earth Work, Protection work	1400	10.4895
127	Kaimanja	Paholat to Upper Paholat	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	840	5.994
128	Katkair	Saddan Katkair to Lower Katkair Near BHS	1.75	0	0	2.997	1.214	2.595	1.75	Earth Work, Protection work	150	5.24475
129	Katkair	Molach to Dana Katkair	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	290	2.997
130	Katkair	Padhote to HS Katkair	6.5	0	0	2.997	1.214	2.595	6.5	Earth Work, Protection work	1718	19.4805
131	Katkair	Lower kote Ziarat to Lundar Bahri	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	710	5.994
132	Katkair	Rahim kot to Mohallah Qureshian	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	970	2.997
133	Khalana	Charsadda to Shakanja via Rajpoor Seri	9	0	0	2.997	1.214	2.595	9	EW,P/Work, X-D	3200	26.973
134	Khalana	Charssadda to khalana Ghee kot	8	0	0	2.997	1.214	2.595	8	EW,P/Work, X-D	1600	23.976
135	Khalana	Chakothei to Bandi Sugna via ogran sugna	10	0	0	2.997	1.214	2.595	10	EW,P/Work, X-D	3200	29.97

136	Komi Kot	Komi Kot to Choothala	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	884	2.997
137	Komi Kot	Ghail to Jania	1.5	0	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	1185	4.4955
138	Komi Kot	Gorsian to Kundian	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	813	5.994
139	Komi Kot	L/R Jaswa to Ghorsian Pain	1.5	0	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	398	4.4955
140	Komi Kot	Kungar Sangloor to Heryola	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	984	11.988
141	Komi Kot	L/R Jalyari	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	558	2.997
142	Komi Kot	Bagwan to High School Nakrian	0	0	2	2.997	1.214	2.595	2	Earth Work, Protection work	2280	5.19
143	Komi Kot	Jeswa Taloka	3.5	0	3.5	2.997	1.214	2.595	7	EW,P/Work, X-D	1390	19.572
144	Komi Kot	Katara to Gojar	0	0	1	2.997	1.214	2.595	1	Earth Work, Protection work	543	2.595
145	Komi Kot	Nargoli to Hari Kather	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	398	2.997
146	Lamnian	L/R Lamnian to Bandi Gorsian	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	550	5.994
147	Lamnian	Ghail Sachian to Bandi Sachian	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	3000	2.997
148	Lamnian	Jabdalla to Halkai	3	0	1	2.997	1.214	2.595	4	Earth Work, Protection work	3000	11.586
149	Lamnian	Link Road Baza Lamnian to Khorian	3	2	1	2.997	1.214	2.595	6	Earth Work, Protection work	4000	14.014
150	Lamnian	L/R Makliat to Shahidan	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	2000	8.991
151	Langerpura	Mara to Bandi Tagian	3.5	0	0	2.997	1.214	2.595	3.5	Earth Work, Protection work	900	10.4895
152	Langerpura	L/R Khhun bandi to Khorian Saydan	0	0	0	2.997	1.214	2.595	0	Earth Work, Protection work	1000	0
153	Langerpura	Khun Bandi to Reien Kanyati	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	2000	11.988
154	Langerpura	Lowler Malsi to Malsi bala	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	700	8.991
155	Langerpura	Langerpura to Mir Bandi	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1800	8.991

156	Langerpura	L/R Mori Sherron	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	12000	2.997
157	Langerpura	L/R Nagra	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	800	5.994
158	Langerpura	High School to Shala bagl	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	500	2.997
159	Langerpura	Thotha to Hariala	10	0	0	2.997	1.214	2.595	10	EW,P/Work, X-D	0	29.97
160	Langla	Bela Khanda	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	1550	11.988
161	Langla	Sarai to Neel Pash	5	0	2	2.997	1.214	2.595	7	Earth Work, Protection work	4336	20.175
162	Langla	JV main road to Choki Charhoi	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	700	5.994
163	Langla	Goherabad Nogran	0	1	0.5	2.997	1.214	2.595	1.5	EW,P/Work, X-D	713	2.5115
164	Langla	Goherabad to Batangi	0.5	1	0.5	2.997	1.214	2.595	2	Earth Work, Protection work	4282	4.01
165	Langla	Link raod Pajwala Langla	1	0	1	2.997	1.214	2.595	2	Earth Work, Protection work	850	5.592
166	Langla	Nadol to Karbani	4	2	2	2.997	1.214	2.595	8	Earth Work, Protection work	5364	19.606
167	Langla	Sharian to But Kathir	3	0	1	2.997	1.214	2.595	4	Earth Work, Protection work	1718	11.586
168	Langla	Khakher wara to Takia bandi	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1879	2.997
169	Leepa	Channian to Manda Kali	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	900	5.994
170	Leepa	Kasir Kot to Khaara	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1300	5.994
171	Leepa	L/R Mandal	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	600	2.997
172	Leepa	Nokot to Khiwara	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1800	5.994
173	Leepa	Channian to Chummula	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	550	5.994
174	Machira	Link Road Chakrian	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	4000	11.988
175	Machira	Link road Chattian Mohari	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	550	11.988
176	Machira	Link road Kooli Kather	3	0	0	2.997	1.214	2.595	3	Earth Work,	2790	8.991

										Protection work		
177	Machira	Link road Kooli Machira	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1288	8.991
178	Mera Kallan	Kalgran to Mandri Sumliati	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	340	2.997
179	Mera Kallan	Mara Saraw to Awaira Lala Kels	2.5	0	0	2.997	1.214	2.595	2.5	Earth Work, Protection work	300	7.4925
180	Mera Kallan	Mera Saroo to Pothi Dar	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	456	2.997
181	Mera Kallan	Mochi Gali to Riyat Bala	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1480	2.997
182	Mera Kallan	Jagra gali to Mohera	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	710	2.997
183	Mera Kallan	Jagra gali to BHS Mushtimba	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1200	2.997
184	MZD	L/R Dana to Bagla	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	600	2.997
185	MZD	L/R Bandi Faith jaung	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	800	5.994
186	MZD	L/R Bandi Karrim Haider Shah to Basa	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	260	2.997
187	MZD	L/R Rajkandi to Batangi	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	400	2.997
188	MZD	L/R Dabben	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	5000	5.994
189	MZD	L/R Gunchatter to Khory	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	300	2.997
190	MZD	L/R Kailar Khait	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	3000	8.991
191	MZD	L/R Sachan to Khundali	5	0	0	2.997	1.214	2.595	5	Earth Work, Protection work	2000	14.985
192	MZD	L/R Khilla to Tanda	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1500	8.991
193	Noora Seri	Link road Basant Kot	2.5	0	0	2.997	1.214	2.595	2.5	Earth Work, Protection work	1285	7.4925
194	Noora Seri	Link road Chakar Nakka	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	435	2.997
195	Noora Seri	Link road Choon	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	845	5.994

196	Noora Seri	Link road Dhari Bambian Syedian	1	2	0	2.997	1.214	2.595	3	Earth Work, Protection work	8644	5.425
197	Noora Seri	Gajoo Khokhran	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1300	2.997
198	Noora Seri	Gajoo Seydan to Khokhran	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1000	2.997
199	Noora Seri	Link road Gaujoo Seydian	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	660	5.994
200	Noora Seri	Link road Gaujoo Tarkan to Kandar	8	0	0	2.997	1.214	2.595	8	Earth Work, Protection work	3450	23.976
201	Noora Seri	Link road Goharai	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1050	5.994
202	Noora Seri	Link road Dhani Mai Saiba Gother	6.5	0	0	2.997	1.214	2.595	6.5	Earth Work, Protection work	612	19.4805
203	Noora Seri	Hill Seri Dara	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	2763	8.991
204	Noora Seri	Link road Chalpani to Kandar	6	0	0	2.997	1.214	2.595	6	Earth Work, Protection work	6000	17.982
205	Noora Seri	Link road Karka	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	1371	11.988
206	Noora Seri	Kalas Jahar Pehran	5	0	0	2.997	1.214	2.595	5	Earth Work, Protection work	698	14.985
207	Noora Seri	Link road Lone Seri	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	525	2.997
208	Noora Seri	Link road Gali to Moslondi	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	2600	11.988
209	Noora Seri	Link road Mai Amai Saibia to Noor Seri	0.5	1	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	1875	2.7125
210	Noora Seri	Metalling of Link road Ranjata	0	1	0	2.997	1.214	2.595	1	Earth Work, Protection work	600	1.214
211	Noora Seri	Link road Rattan Seri	1.5	0	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	898	4.4955
212	Noora Seri	Gother Gali to Gali Seri Dara	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	748	2.997
213	Noora Seri	Tarkan Bandi	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	3835	5.994
214	Noora Seri	Link road Kahori Pull to Zamirian	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	445	8.991
215	Noora Seri	Battian Chalpani	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1390	5.994

216	Noora Seri	Doba Bakarwali	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	7335	2.997
217	Noora Seri	Link road Dham Joal	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	870	2.997
218	Noora Seri	Moher Karka	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	2280	11.988
219	Panjgran	Link road Kharamang to Bandi Shah Dara	1	0	4	2.997	1.214	2.595	5	Earth Work, Protection work	3835	13.377
220	Panjgran	Link road Noor Pai	5	0	1.5	2.997	1.214	2.595	6.5	Earth Work, Protection work	748	18.8775
221	Panjgran	Link road Nosadda Batnara	6	0	1	2.997	1.214	2.595	7	EW,P/Work, X-D	2763	20.577
222	Panjgran	Link road Arllyan	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	200	2.997
223	Panjgran	Link road Bensa to Hotreri Chamba	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1400	2.997
224	Panjgran	Link road Chalyana	0	0	4	2.997	1.214	2.595	4	Earth Work, Protection work	1500	10.38
225	Panjgran	Link road Chamba Panjgran	2	0	2	2.997	1.214	2.595	4	Earth Work, Protection work	898	11.184
226	Panjgran	Link road Chamba Ratra	0	0	1.5	2.997	1.214	2.595	1.5	Earth Work, Protection work	600	3.8925
227	Panjkot	Link road Gumla	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	1195	11.988
228	Panjkot	Link road Mear Kalsi	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	885	2.997
229	Panjkot	Link road nari PanjKot	3	0	2	2.997	1.214	2.595	5	Earth Work, Protection work	3175	14.181
230	Panjkot	Link road Nari Gnian	1.5	0	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	800	4.4955
231	Panjkot	L/R Khatiyani	0	0	1	2.997	1.214	2.595	1	Earth Work, Protection work	1347	2.595
232	Panjkot	L/R Malee	0	0	2	2.997	1.214	2.595	2	Earth Work, Protection work	1347	5.19
233	Panjkot	Link road Cheer Ban	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1347	8.991
234	Panjkot	Link road Gharanga PanjKot	0	0	4	2.997	1.214	2.595	4	Earth Work, Protection work	1347	10.38
235	Panjkot	Link road Main Pull to Chaliyan	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1347	5.994

236	Panjkot	Link road Ratra	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1347	2.997
237	Saidpur	Link road Mira bandi to Batangi	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	3584	11.988
238	Saidpur	Link road Bagh Chakira	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	633	5.994
239	Saidpur	Link road Kondla dadtora	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	1598	11.988
240	Saidpur	Link road Kondla to Paylian	6	0	0	2.997	1.214	2.595	6	Earth Work, Protection work	4000	17.982
241	Saidpur	L/R Sangri	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1000	2.997
242	Saidpur	L/R Sangri	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1000	2.997
243	Salmia	BHS Andra Seri to Kot Gujran	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	409	5.994
244	Salmia	Mahoter to Badyala Kaser kot	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	964	5.994
245	Salmia	Kiatee to Kopra	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	700	11.988
246	Salmia	Lower Kopra to Upper Kopra	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	878	5.994
247	Salmia	Rawal Gali to Boys High School Salmia	0	0	2	2.997	1.214	2.595	2	EW,P/Work, X-D	900	5.19
248	Salmia	Badhyala to Kaser Kot	1	0	1	2.997	1.214	2.595	2	Earth Work, Protection work	400	5.592
249	Salmia	Mahoter to Seri	2.5	0	1	2.997	1.214	2.595	3.5	Earth Work, Protection work	964	10.0875
250	Salmia	Rawal gali to Jabbar	0.5	1	0	2.997	1.214	2.595	1.5	Earth Work, Protection work	900	2.7125
251	Salmia	Saddun Gali to Jandali	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	700	11.988
252	Salmia	Saddun Gali to Timbir Kot	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1262	8.991
253	Salmia	Sarballa to Andara Seri	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	350	2.997
254	Sarlisacha	Link road sarlisacha to chogian	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	531	11.988
255	Sarlisacha	Link road Jeengh to Ghumla	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	343	2.997

256	Sarlisacha	Link road Palla to Karshan	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1035	5.994
257	Sarlisacha	Link road Palla Migri	5	0	0	2.997	1.214	2.595	5	Earth Work, Protection work	1155	14.985
258	Sarlisacha	Link road Sarlisacha to Minha	5	0	0	2.997	1.214	2.595	5	Earth Work, Protection work	1810	14.985
259	Sarlisacha	Link road Bypass to smoth	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1000	8.991
260	Sena Daman	Bandi Ahmed Khan to Ziarat Wali	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	400	8.991
261	Sena Daman	Bani Hafaz to Bani Hoterary	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	884	2.997
262	Sena Daman	Bani Hafaz to Bani Langrial	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	976	11.988
263	Sena Daman	Nali Sanna Daman	0	0	7.25	2.997	1.214	2.595	7.25	Earth Work, Protection work	972	18.81375
264	Sena Daman	Bani Hafaz to Seher Bagla	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	325	2.997
265	Sena Daman	Sukar Saydan to Sumgharang	2	0	4	2.997	1.214	2.595	6	Earth Work, Protection work	1800	16.374
266	Talgran	Link road Batal Sad Batta	3	0	0	2.997	1.214	2.595	3	Earth Work, Protection work	1518	8.991
267	Talgran	Link road Mira Bandi to Sarrian	8	0	0	2.997	1.214	2.595	8	EW,P/Work, X-D	4432	23.976
268	Talgran	Link road Khanyan to Dubber Baikry Seri	3.5	0	8	2.997	1.214	2.595	11.5	Earth Work, Protection work	1200	31.2495
269	Talgran	Link road Mankhoyan to Sumbi Pana	1.5	0	8	2.997	1.214	2.595	9.5	Earth Work, Protection work	1000	25.2555
270	Talgran	Link road Batal to Talgran	5.5	0	8	2.997	1.214	2.595	13.5	Earth Work, Protection work	6555	37.2435
271	Tharian	Khairian to H/O Qayyum	3	0	0	2.997	1.214	2.595	3	EW,P/Work, X-D	745	8.991
272	Tharian	Basira	0	0	1	2.997	1.214	2.595	1	Earth Work, Protection work	1155	2.595
273	Tharian	Channal Bung Center	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	343	2.997
274	Tharian	Dara Pattian	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	1035	5.994
275	Tharian	H/O Minshan Shah to Kori Syedian	4	0	0	2.997	1.214	2.595	4	Earth Work, Protection work	1200	11.988

276	Tharian	Khorian to Paghari	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	744	2.997
277	Tharian	Link road banyian	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	644	5.994
278	Tharian	Nakka Khorian	1	0	0	2.997	1.214	2.595	1	Earth Work, Protection work	1518	2.997
279	Tharian	Sanger Syedian	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	550	5.994
280	Tharian	Therion	2	0	0	2.997	1.214	2.595	2	Earth Work, Protection work	531	5.994
		Total	731.25	24.5	121.75				877.5		438446	2537.2405

LGRD ROADS (AJ&K)
DISTT BAGH

S.No	Union Council	Name of Schemes	Type of Road (KM)			Unit Cost/Km			Nautre of Reconstruction work (please give detail)	Beneficiary Population	Estimated Cost (Rs. In Million)
			FW	BT	SS	FW	BT	SS			
1	Chamyati	Sain ali bhader to Muhallah chaprian	0	1	0	2.17	1.022	1.765	P/Work,X-Drainage	2000	1.022
2	Chamyati	Dayargali to Bala dhundi	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	6.501
3	Chamyati	Chamyati Mandri Saliyan Road	6	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	4000	13.002
4	Chirala	Kalyari to Jahala Toppa	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	6.501
5	Chirala	Tanillan to Kalyari	8	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	10000	17.336
6	Chirala	Chirala to Sohawa Bazar Kot	1	2	3	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	9.506
7	Chirala	Chirala Gehl to Sohawa	4	0	3	2.17	1.022	1.765	E/W, P/Work,X-Drainage	6000	13.963
8	Chirala	Beng to Pajay Sohawa	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	900	6.501
9	Dhirkot	Saser Keri Kalyari Road	8	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	5000	17.336
10	Dhirkot	Dhir kot Jahala Chaprian	8	3	3	2.17	1.022	1.765	E/W, P/Work,X-Drainage	15000	25.697
11	Dhirkot	Jahala Chaprian Dhirkot	8	3	3	2.17	1.022	1.765	E/W, P/Work,X-Drainage	15000	25.697
12	Dhirkot	Middle School Dhnaa to Upper Kals	0	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	3.53
13	Dhirkot	Neela But to Mirza M.Khan	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	6.501
14	Dhirkot	bandi pendi road	2	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	4000	7.864
15	Hill Surung	dhang gali to surung	12	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	5000	26.004

16	Hill Surung	Gujar Kolulla to Hill shead	5	0	3	2.17	1.022	1.765	E/W, P/Work,X-Drainage	6000	16.13
17	Makhyala	Ghaziabad to Karnota	2	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	7.864
18	Makhyala	Narra kot to Bari	2.5	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	5.4175
19	Makhyala	Thandi kassi to Nerwal	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	6.501
20	Makhyala	Upper Riayala to lower Riayala	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	6.501
21	Makhyala	Middle School Sengra to M/S Tanailan	2.5	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2500	5.4175
22	Mollot	Suden Gala Choore	4	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	8.668
23	Mollot	Attar Pariyan to Dhoul Bun	4	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	4000	12.198
24	Mollot	Padder cross to Dhoke Bandian	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	4.334
25	Mollot	Arja Kals Indroot	3	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	8.266
26	Mollot	Mollot to Dhar Pail	0	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	3.53
27	Mollot	Pholasa to Padar Dinyat	2	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	5000	6.099
28	Rangla	Choorra to Tal Kayat	4	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	10.433
29	Rangla	Kamal nara to Gali peer khana	7	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	5000	16.934
30	Rangla	kals sabu kot	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	6.501
31	Rangla	Rati Gali to Barana Kather	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	6.501
32	Rangla	Dinota to Ghelan Nangal	3	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	4000	10.031
33	Rangla	Nath Ghran to Gali Peer Khana	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	4.334
34	Rangla	Diar gali to koral bagla	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	6.501

35	Rangla	Kashmri Bazar Rangla to Bahrian	4	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	4000	8.668
36	Salian	Salian Dahir skandar abad	8	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	5000	17.336
37	Salian	Salaian Dongi Menderi	4	0	2	2.17	1.022	1.765	E/W, P/Work,X- Drainage	4000	12.198
38	Salian	Chaman Kot to Salian	2	0	4	2.17	1.022	1.765	E/W, P/Work,X- Drainage	8000	11.394
39	Bani pasari	L/R Nika Nara to Tangiyat	0	0	2	2.17	1.022	1.765	E/W, P/Work,X- Drainage	800	3.53
40	Bani pasari	L/R Panyali to dhar	1.5	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	500	3.2505
41	Bani pasari	L/R Tangiat to Las Bagla	3	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	800	6.501
42	Bani passiri	L/R Bagh to R/H Dhoondhar	12	2	4	2.17	1.022	1.765	E/W, P/Work,X- Drainage	7000	35.108
43	Beer pani	Dhal to Hill bani manhasan	5	2	3	2.17	1.022	1.765	E/W, P/Work,X- Drainage	3000	18.174
44	Beer pani	Beer Pani to Androte	2	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	1500	4.334
45	Beer pani	Kaperan Na Kalan to Seri Peeran	3	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	2000	6.501
46	Beer pani	khawaja to mohallah Akbar Dad	0.5	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	500	1.0835
47	Beer pani	Seri bagla Dela to G.H.S Retnoi	2	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	2500	4.334
48	Beer pani	Sufay to Kolta	5	0	2	2.17	1.022	1.765	E/W, P/Work,X- Drainage	1200	14.365
49	Bir pani	L/R Khawaja to khar Dhaki	2	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	1500	4.334
50	Bir pani	Main Road Maldara to Bakal	1.5	0	3	2.17	1.022	1.765	E/W, P/Work,X- Drainage	3100	8.5455
51	Bir pani	Maldara Paniyola	1.4	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	500	3.0338
52	Bir pani	Kotla to Jeber	2.5	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	800	5.4175
53	Bir pani	Retnoi to Akhori	1	0	0	2.17	1.022	1.765	E/W, P/Work,X- Drainage	500	2.167
54	Bir pani	Keliyan Mohri	2.5	0	0	2.17	1.022	1.765	E/W, P/Work,X-	500	5.4175

									Drainage		
55	Bir pani	Soral Bani Minasan	2	0	3	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	9.629
56	Jaglari	L/R Bangran loon Hoter to Marooni	4	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1800	8.668
57	Jaglari	Mang Bajri to Sulaki Chacksarrian	6	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	4000	13.002
58	Jaglari	Patrol Pump Dara kot	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1200	6.501
59	Jaglari	Gulshan Abad to Lower Kafal Garr	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	6.501
60	Jaglari	Loon Hoter to Loon Hoter wasti	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	500	4.334
61	Jaglari	L/R Shaor Juglari to Daira	0.75	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	200	1.62525
62	Jaglari	Kolarrian to Kahlana Kafal Garr Bazar	3	0	3	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	11.796
63	Jaglari	L/R Patarita to Leeran	2	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	700	6.099
64	Juglari	Diara to mooroni	0	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	300	3.53
65	Juglari	Sangar pail to Maloot	2	0	3	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	9.629
66	Rawali	Chak Nari to Dhaki	1	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	5000	2.167
67	Rawali	Dhaki kas to Pendi	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	6.501
68	Rawali	Dhar to Ninga pani Chaitra	2	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	6.099
69	Rawali	Mera to Bhata sangar	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	700	4.334
70	Rawali	Hari Gehl Bridge to Kawari Tulkair	4	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	8.668
71	Rawali	Noman Poora to Burka	4	1.5	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	10.201
72	Rawali	Main Raod to Anni Nari	1	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	400	2.167
73	Rawali	Padder syedan to sir syedan	0	0	2.5	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	4.4125

74	Thub	L/R Thub to Baghal	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	4.334
75	Thub	L/R Cheeran to Kacha	1	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	200	2.167
76	Thub	L/R Thub to Dana	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	600	4.334
77	Thub	Doondar to Upper Doondar	1	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	800	2.167
78	Thub	L/R Dullah na Mohra to Kot Gujran	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	6.501
79	Topi	Chaprian to Padder	1	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1200	3.932
80	Topi	Shujabad Kothian	5	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	10.835
81	Topi	Hassan abad to salote	0	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1200	3.53
82	Topi	Kopra to Chattra	1	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	3.932
83	Bagh	Hullar Syedan	2	3	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1600	9.165
84	Bagh	Kaian gala to Noorgala	2	0	2.5	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	8.7465
85	Bagh	Sawer matwali Khan	1	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1200	2.167
86	Bagh	Upper Choki	1	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	300	2.167
87	Bagh	Thala Choki	1	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	200	2.167
88	Bagh	Khawas Thund	1.5	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	200	3.2505
89	Bagh	Sewer kalo Khan	0	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1200	3.53
90	Bhount	Bhount Khawas	2	2	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	5000	9.908
91	Bhount	Bhount Khawas	1	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	2.167
92	Bhount	Chapar Kas to Akhori Hill	2.5	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	5.4175
93	Bhount	Bisooti to Pir Panjal	2	0	1	2.17	1.022	1.765	E/W, P/Work,X-	1000	6.099

									Drainage		
94	Bhount	Dhall Kharal Abbasian	3	3	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	5000	13.097
95	Bhount	Jamia Mosque to Kot Chanala	5	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	10.835
96	Dharray	Chattar bazar to upper chattar	3	1	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	9.288
97	Dharray	Gehlan to Chatter No. 2	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	4.334
98	Dharray	Ghellan to Chattar	4	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	8.668
99	Dharray	Jabbaray Dharray Samani	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	6.501
100	Dharray	Koteri tughloo	5	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	10.835
101	Dharray	Manjari to Dharray	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	4.334
102	Dharray	Dharray to Middel School Nazar pur	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	6.501
103	Dharray	Sahlian Maldaylan to kotehra	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	6.501
104	Dharray	Sahlian to H/O M.Hussain Chafri Nari	2	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	500	6.099
105	Dharray	Swanj to Samani	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	6.501
106	Dharray	Rera Bazar to Samni	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	6.501
107	Narr Shar Ali Khan	Samani kass to Gujran upper Dhulli	5	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	10.835
108	Swanj	Rera seri to Panyali road	8	1	3	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	23.653
109	SwanJ	Seri Cross to Beri kot	3	0	1.5	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	9.1485
110	SwanJ	Swanj to kala ban	3	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	700	8.266
111	Swanj	Rera to Rami kot	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	4.334

112	SwanJ	SwanJ to toli pir	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	6.501
113	Badahal	Chambar Bhata Kot Rd.	2	2	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	5000	9.908
114	Badahal	Sherro Dhara Jabra Sharif	2	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2000	7.864
115	Badahal	Manji Shaheed to Charoon	4	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	4000	8.668
116	Badahal	Gugdar to Paddar Road	4	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	5000	8.668
117	Bhadi	Bhadi to Bhadi Mughlan	4	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	8.668
118	Bhadi	Haji pir to Dhakar	8	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	17.336
119	Bhadi	Haji pir to Dhoba	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1000	6.501
120	Bhadi	Narian to Subai Road	15	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	32.505
121	Daigwar	Degwar to Hathlanja	1.5	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	500	3.2505
122	Daigwar	Rainkri Pain to Nakka Sayydan	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	800	6.501
123	Daigwar	Rainkri Bagnu	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	600	6.501
124	Daigwar	Rainkri Hundi Pairan to Ziarat	3	0	2	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2500	10.031
125	Kalamula	Hallan to basan	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1500	4.334
126	Kalamula	Kaloo Dehrey	3	0	0	2.17	1.022	1.765		1000	
127	Kalamula	Kala Mula to Pajja Gali	6	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	3000	13.002
128	Khurshidabad	Haji Bell lower to upper	2	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	500	4.334
129	Khurshidabad	Khurshidabad to Kala Mula	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2500	6.501
130	Khurshidabad	Hillan Mera to Hillan Bala	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2500	6.501
131	Kalali	Bypass Rd Kahuta	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	500	6.501

132	Kalali	Tachhan Naban Pulwarey	7	0	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	6000	16.934
133	Changal	Changal to Naza Pir Road	1.5	1	1	2.17	1.022	1.765	E/W, P/Work,X-Drainage	4000	6.0375
134	Changal	Nezapir to Khait Mandhar	3	0	0	2.17	1.022	1.765	E/W, P/Work,X-Drainage	1200	6.501
135	Sangal	Naga Nari Road	4	2.5	1.5	2.17	1.022	1.765	E/W, P/Work,X-Drainage	6000	13.8705
136	Sangal	Plangi to Slarra Rd.	1	0	2.5	2.17	1.022	1.765	E/W, P/Work,X-Drainage	2500	6.5795
Total:			423	30	101	2.18	0	1.846		333400	1117.424

ANNEX 3C

LGRD ROADS (AJ&K)
DISTT NEELUM

S.No	Union Council	Name of Scheme	Type of Road			Unit Cost			Total Length	Nautre of Reconstruction work (please give detail)	Beneficiary Population	Estimated Cost (Rs. In Million)
			FW	BT	SS	FW	BT	SS				
1	Ashkot	L/R Jura ro Chajwa	4	0	0	3.189	0	2.8	4	E/W, P/Work,X-Drainage	4500	12.756
2	Ashkot	L/R Askot ro Salkhla	3	0	0	3.189	0	2.8	3	E/W, P/Work,X-Drainage	3800	9.567
3	Ashkot	L/R Ashkot to Gugimar	2	0	0	3.189	0	2.8	2	E/W, P/Work,X-Drainage	2000	6.378
4	Barrian	L/R Barrian to Gali	1	0	0	3.189	0	2.8	1	E/W, P/Work,X-Drainage	1000	3.189
5	Barrian	L/R Barrin to Jabbar Bruha	4	0	0	3.189	0	2.8	4	E/W, P/Work,X-Drainage	3200	12.756
6	Barrian	L/R Challiana to Jabbri	4	0	0	3.189	0	2.8	4	E/W, P/Work,X-Drainage	4000	12.756
7	Barrian	From by pass road Katha Chugali	2	0	0	3.189	0	2.8	2	E/W, P/Work,X-Drainage	4200	6.378
8	Dudnial	L/R Dudnial to Reshna	1	0	0	3.189	0	2.8	1	E/W, P/Work,X-Drainage	1500	3.189
9	Grace	L/R Machal to Dahki	4	0	0	3.189	0	2.8	4	E/W, P/Work,X-Drainage	1500	12.756
10	Kel	L/R Kel to Kakian	4	0	0	3.189	0	2.8	4	E/W, P/Work,X-Drainage	3000	12.756
11	Kel	L/R Bala to lunda	2	0	0	3.189	0	2.8	2	E/W, P/Work,X-Drainage	2800	6.378
12	Kundal shahi	L/R Kayain Shrif	0.5	0	0	3.189	0	2.8	0.5	E/W, P/Work,X-Drainage	2000	1.5945
13	Kundal shahi	L/R Chunjath	1.5	0	0	3.189	0	2.8	1.5	E/W, P/Work,X-Drainage	1500	4.7835
14	Neelum	L/R Dawarrin to Saliqabad	2	0	0	3.189	0	2.8	2	E/W, P/Work,X-Drainage	1200	6.378
15	Neelum	L/R Lowat to Patlian	6	0	0	3.189	0	2.8	6	E/W, P/Work,X-Drainage	5000	19.134

16	Neelum	L/R Neelum to Gali	2	0	0	3.189	0	2.8	2	E/W, P/Work,X- Drainage	2500	6.378
17	Neelum	L/R Nagdar to Karka	6	0	0	3.189	0	2.8	6	E/W, P/Work,X- Drainage	3500	19.134
18	Shahkot	L/R Athmuqam to Lala	3	0	0	3.189	0	2.8	3	E/W, P/Work,X- Drainage	2500	9.567
19	Shakot	L/R Pallri to Rawatta	3	0	0	3.189	0	2.8	3	E/W, P/Work,X- Drainage	4000	9.567
20	Sharda	L/R Surgon to Bakwali	12	0	0	3.189	0	2.8	12	E/W, P/Work,X- Drainage	4500	38.268
Total:			67	0	0				67		58200	213.663

ANNEX 3D**LGRD ROADS (AJ&K)**
DISTRICT POONCH

S.No	Union Council	Name of Scheme	Type of Road			Unit Cost			Total Length	Nautre of Reconstruction work (please give detail)	Beneficiary Population	Estimated Cost (Rs. In Million)
			FW	BT	SS	FW	BT	SS				
1	Abbaspur	L/R Bangwal	3	0	0	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	840	4.326
2	Abbaspur	L/R Dreak bala	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	725	2.884
3	Chaffar	L/R Kalsan	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	480	2.163
4	Chaffar	L/R Pathi Chafar	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	520	1.442
5	Chaffar	L/R Naka Bisa	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	785	2.884
6	Khali darman	L/R kot Koian Namjar	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	481	2.884
7	Khali darman	L/R March Kot	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	510	1.442
8	Khali darman	L/R Andri nar	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	972	2.163
9	Khali darman	L/R Sharqi Tangairan	1	1	0.5	1.442	0.511	1.04	2.5	E/W, P/Work,X-Drainage	830	2.473
10	Khali darman	L/R Daro wala Naka Tangairan	3	0	0	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	830	4.326
11	Khali darman	L/R Kharatan	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	680	1.442
12	Khali darman	L/R Chafar to Tangiran	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	423	1.442
13	Khali darman	L/R Kala Ben Tangiran	0	2	1	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	1200	2.062
14	Bhantini	L/R Akhorban devi gali	1.5	0	1.5	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	4200	3.723
15	Bhantini	L/R Lower Mera	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	4500	2.163

16	Ghamir	L/R Donga to Nandi nar	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	2800	2.884
17	Ghamir	L/R Numble to mera	2	0	2	1.442	0.511	1.04	4	E/W, P/Work,X-Drainage	479	4.964
18	Ghamir	L/R Tanda to Numble Bala	0	4.5	1.5	1.442	0.511	1.04	6	E/W, P/Work,X-Drainage	4000	3.8595
19	Jandali	L/R Khara butt to Bijoni Gali	1.75	0	0	1.442	0.511	1.04	1.75	E/W, P/Work,X-Drainage	500	2.5235
20	Jandali	L/R Gali to Batala	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	800	2.163
21	Serarii	L/R Poona to Bambrot	2	0	1	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	1500	3.924
22	Serarii	L/R Panyali to Dari kot	2.5	2.5	3	1.442	0.511	1.04	8	E/W, P/Work,X-Drainage	3000	8.0025
23	Ali sojal	L/R Kabel Gala to Poth	0	0	2	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	800	2.08
24	Ali sojal	L/R GC to H/S Ali Sojal	4	0	0	1.442	0.511	1.04	4	E/W, P/Work,X-Drainage	1200	5.768
25	Ali sojal	L/R Khori Chana to Mohri	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	960	1.442
26	Ali sojal	L/r Jaber to Kainchi kot	3	0	0	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	1200	4.326
27	Ali sojal	L/R Nawal Ali Sojal	3	0	0	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	1000	4.326
28	Ali sojal	L/R Suply Bazar to Topa	0	0	3	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	700	3.12
29	Ali sojal	L/R Kori Chana to Noorkot	0	0	5	1.442	0.511	1.04	5	E/W, P/Work,X-Drainage	800	5.2
30	Dhamni	L/R Mochi Gali to Baloch	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	610	2.163
31	Dhamni	L/R Chambanar Bermiar to Deraik	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	1000	2.163
32	Dhamni	L/R Mochi Gali to Manjari	1.75	0	0	1.442	0.511	1.04	1.75	E/W, P/Work,X-Drainage	570	2.5235
33	Dothan	L/R Dhamankot	0	0	3	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	230	3.12
34	Dothan	L/R Patey Dothan	0	0	2	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	900	2.08
35	Pakhar	L/R Dana No.4 to Kes Bazar kahu kot	3	0	0	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	2400	4.326

36	Bengoin	L/R Naker Thalla	1	0	0.5	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	620	1.962
37	Bengoin	L/R Helan to Jandala	3	0	0	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	1200	4.326
38	Bengoin	L/R Dara Nakar Adanaghel to Hari Gehl	4	0	0	1.442	0.511	1.04	4	E/W, P/Work,X-Drainage	1500	5.768
39	Bengoin	L/R Jandathi to Mohri Farman Shah	2.5	1.5	4	1.442	0.511	1.04	8	E/W, P/Work,X-Drainage	875	8.5315
40	Bengoin	L/R Temroota	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	800	2.884
41	Bengoin	L/R Paniyola Supply to Lower Nakkar	0.5	0	1.5	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	800	2.281
42	Bengoin	L/R Ker to Aday Na Gehl	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	850	2.884
43	Hurnamera	L/R Benakha to Jiri	0.5	0	0	1.442	0.511	1.04	0.5	E/W, P/Work,X-Drainage	600	0.721
44	Hurnamera	L/R Beroota to Sunger	3	0	0	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	1300	4.326
45	Hurnamera	Ghel to Sanger	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	800	1.442
46	Hurnamera	L/R Keer to Dhandi	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	800	2.163
47	Hurnamera	L/R Rant Chapri	1	0	2	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	800	3.522
48	Hurnamera	L/R Jhari to kyat	0	0	2	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	1000	2.08
49	Hurnamera	L/R Numb	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	1200	2.163
50	Hurnamera	L/R Upper Kotera to lower Kotera	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	700	2.884
51	Hurnamera	L/R Majahid abad	0	5	0	1.442	0.511	1.04	5	E/W, P/Work,X-Drainage	1200	2.555
52	Hurnamera	L/R Pakgali to kyat	0	3	0.5	1.442	0.511	1.04	3.5	E/W, P/Work,X-Drainage	900	2.053
53	Hurnamera	L/R Parat Upper to Lower	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	1200	2.163
54	Hurnamera	L/R Rehara to Rant	1	0	2	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	1000	3.522

55	Hurnamera	L/R Sanger to Hurna Mera	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	1400	2.884
56	Pachiot	L/R Main Road to Baglay	3	0	0	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	700	4.326
57	Pachiot	L/R Naga to khaiter	3	0	0	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	700	4.326
58	Rehra	Majeed Gala to indrot	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	700	1.442
59	Rehra	L/R Haroon Gali to Qureshi Mohallah	0.75	0	0	1.442	0.511	1.04	0.75	E/W, P/Work,X-Drainage	200	1.0815
60	Rehra	Thorar to Jower gar	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	400	1.442
61	Rehra	Mora to Sagni	0.25	0	0	1.442	0.511	1.04	0.25	E/W, P/Work,X-Drainage	350	0.3605
62	Rehra	L/R Gehl Gujran to Ashkot	0.5	0	0	1.442	0.511	1.04	0.5	E/W, P/Work,X-Drainage	481	0.721
63	Rehra	Main road to Lunjgran	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	900	2.884
64	Rehra	Lunjgran to Maidan	0	0	0.5	1.442	0.511	1.04	0.5	E/W, P/Work,X-Drainage	1100	0.52
65	Rehra	Lunjgran to Nara soon Mera	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	1000	1.442
66	Rehra	Baindar to Nala	0.5	0	0	1.442	0.511	1.04	0.5	E/W, P/Work,X-Drainage	670	0.721
67	Rehra	Goyen Nala to Phaphrila	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	300	1.442
68	Rehra	L/R Rehara to Goyen Nala	0	3	1.5	1.442	0.511	1.04	4.5	E/W, P/Work,X-Drainage	600	3.093
69	Rehra	L/R Mahmooon Mohallah	1	0	0.25	1.442	0.511	1.04	1.25	E/W, P/Work,X-Drainage	750	1.702
70	Rehra	L/R Rehara GPS	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	900	1.442
71	Rehra	L/R Dhar to Lajana	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	2000	2.163
72	Rehra	Nara to Choo Gali	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	735	2.163
73	Rehra	Rehra Bazar to Sagni	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	875	2.163
74	Rehra	Rehra to Titrot Road	0.5	0	0	1.442	0.511	1.04	0.5	E/W, P/Work,X-Drainage	771	0.721

75	Rehra	Rehra to Hati Kot Torant	1.5	0	0.5	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	300	2.683
76	Rehra	Rehra bazar to Hondar Gran	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	600	2.884
77	Rehra	Topa Bazar to Tub	1.25	0	0.25	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	580	2.0625
78	Rehra	L/R GHS Soon	2.75	0	0.25	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	475	4.2255
79	Singola	L/R Hillchako	0.5	0	0	1.442	0.511	1.04	0.5	E/W, P/Work,X-Drainage	1000	0.721
80	Tain	L/R Bogara Paja	1	0	2	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	9900	3.522
81	Tain	L/R Nar kathian	1	0	3	1.442	0.511	1.04	4	E/W, P/Work,X-Drainage	300	4.562
82	Tain	L/R Bandy tain	0	0	1	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	800	1.04
83	Tain	L/R Narrotay to Kakra	0	0	1	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	1700	1.04
84	Tain	L/R Jaga Gala to Lagriat	0	0	2	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	1000	2.08
85	Tain	Nar kotli santal	0	0	3.5	1.442	0.511	1.04	3.5	E/W, P/Work,X-Drainage	1000	3.64
86	Thorar	L/R Kachol Naway	2.5	0	0	1.442	0.511	1.04	2.5	E/W, P/Work,X-Drainage	450	3.605
87	Thorar	L/R Phagua	0	0	4.5	1.442	0.511	1.04	4.5	E/W, P/Work,X-Drainage	500	4.68
88	Thorar	L/R Chiti Tarar	0	0	0.75	1.442	0.511	1.04	0.75	E/W, P/Work,X-Drainage	500	0.78
89	Thorar	L/R Serdi to Per	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	150	2.163
90	Thorar	L/R Thorar to Androt	1	0	0	1.442	0.511	1.04	1	E/W, P/Work,X-Drainage	250	1.442
91	Thorar	L/R Kot Haroota	1.5	0	0	1.442	0.511	1.04	1.5	E/W, P/Work,X-Drainage	250	2.163
92	Thorar	L/R Pindi to Khorian	3	0	0	1.442	0.511	1.04	3	E/W, P/Work,X-Drainage	600	4.326
93	Thorar	L.R Aziz Abad to Titrot	2	0	0	1.442	0.511	1.04	2	E/W, P/Work,X-Drainage	500	2.884
Total:			126	22.5	59				207.5		97957	254.5495

ANNEX 3E

LGRD ROADS (AJ&K)
DISTRICT SUDHANOTI

S.No	Union Council	Name of Schme	Type of Road			Unit Cost			Total Length	Nautre of Reconstruction work (please give detail)	Beneficiary Population	Estimated Cost (Rs. In Million)
			FW	BT	SS	FW	BT	SS				
1	Mang	L/R Dhemna Mang	0	0	5.9	1.337	0.511	0.935	5.9	E/W, P/Work,X-Drainage	8750	5.5165
2	Mang	Majeed Shaheed Road Dhara	0	0	4	1.337	0.511	0.935	4	E/W, P/Work,X-Drainage	5900	3.74
3	Pattan Sher khan	L/R Bhal Mor to H.S	6.5	0	0	1.337	0.511	0.935	6.5	E/W, P/Work,X-Drainage	6500	8.6905
4	Pattan Sher khan	L/R Mujahid Galla	0	0	9.25	1.337	0.511	0.935	9.25	E/W, P/Work,X-Drainage	5700	8.64875
5	Pattan Sher khan	L/R Bhatain to Sartay	0.75	0	3	1.337	0.511	0.935	3.75	E/W, P/Work,X-Drainage	7600	3.80775
6	Gorah	L/R Hillan garala	3	0	2	1.337	0.511	0.935	5	E/W, P/Work,X-Drainage	2000	5.881
7	Gorah	L/R Hillan Malvani	2.5	0	0	1.337	0.511	0.935	2.5	E/W, P/Work,X-Drainage	3500	3.3425
8	Nerian	L/R Tangi gala to Garata par	0	5	0	1.337	0.511	0.935	5	P/Work,X-Drainage	2500	2.555
9	Nerian	L/R MDS to Nar Habibabad	0	3.5	0	1.337	0.511	0.935	3.5	P/Work,X-Drainage	1000	1.7885
10	Nerian	L/R Androt Murshidabad	0	0	3.22	1.337	0.511	0.935	3.22	E/W, P/Work,X-Drainage	12000	3.0107
11	Nerian	L/R Tangi gala to Toppa	0	0	2.5	1.337	0.511	0.935	2.5	E/W, P/Work,X-Drainage	10000	2.3375
12	Tarakhal	L/R Lower kotehra	2.5	0	0	1.337	0.511	0.935	2.5	E/W, P/Work,X-Drainage	7000	3.3425
13	Tarakhal	L/R Deepot to Dana pothi mir khan	0	2	6	1.337	0.511	0.935	8	P/Work,X-Drainage	8800	6.632
Total:			15.3	10.5	35.9				61.62		81250	59.2932

PWD ROADS (AJ&K)
MUZAFFARABAD

S No	Package	Priority	Name of Road	Length (Km)		Estimated Cost	Existing Formation/ black topped width (in Meter)	Proposed Formation black/topped width (in Meter)	Scope of work
				Total	Effectuated				
1	Major Roads								
a)	MZD-MR-01	P-I	Muzaffarabad - Kahori*	10	10	250.000	8/5.5	8/5.5	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement
b)	MZD-MR-02	" " "	Kahori - Patika.	7	7	140.000	8/5.5	8/5.5	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement
c)	MZD-MR-03	" " "	Patika - Naoseri.	25	25	250.000	6.5/3.65	8/5.5	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement
d)	MZD-MR-04	" " "	Treatment of Landslides Chalpani			100.000	8/5.5	8/5.5	Rehabilitation of road including Retaining Structure, Protective Works, X-Drainage, Pavement, Railing/Parapets etc.
			Treatment of Landslides Dewlian.			100.000	8/5.5	8/5.5	
			Total:-	42	42	840.000			

PWD LINK ROADS (AJ&K)
MUZAFFARABAD

S.No	Package	Priority	Name of Road	Length (Km)	
				Total	Effectuated
a)	MZD-LR-01	P-II	Neli – Lamnia	16	8
			Reshian to Moji Road.	21	15
			Neli to Nograd road.	4	2
			Laminian to Maknat road.	4	2
			Total:-	45	27
b)	MZD-LR-02	" "	Gurmanda Pandoo Road.	6	6
			Chinari Traran Road.	10	8
			Guramanda Traran Road Mile No. 7 to 11.	8	7
			Nardajyan Cham Road.	4	4
			Chinari Bandi Sydan road.	2	2
			Chokothi Khalana Via Mohara Sadaq road.	15	6
			Gujar Bandi Pahal road.	10	10
			Right Bank Neli to Chinari.	10	8
			Kucha Sydan Nandar road.	3	2
			Telikot Gundi Gran road.	6	3
			Dumdheri to Khatar Nar road.	2	2
Telikot to Kalikaber road.	3	3			
			Total:-	79	61
c)	MZD-LR-03	" "	Ghari Dupatta Komikot Road.	10	5
			Ghari Dupatta Awan Patti road.	11	5
			Ghari Dupatta Kimanja road.	11	6
			Ghari Dupatta Puchand Lawasi Pathiyali road.	6	3
			Kalas Sydan Dahyarian road.	3	1.5
			Dopatta - Nowshera - Kakarwara – Langla road.	8	6
			Malsi Pain Malsi Bala road.	3	2
			Nagra Sath Payali road.	3	3
			Thotha Hayarala Grjan road.	2	2
			Kanari to Banowlangla road.	2	2
			Gori to Muhala Sydan road.	2	1
			Total:-	61	37
d)	MZD-LR-04	" "	Langarpura Khun Bandi road.	7	6
			Langarpura Daban road.	10	2
			Mera Tanolian Khilla road.	5	2
			Muzaffarabad Airport road.	5	3
			Airport to Hotrery road.	16	10
			Airport to Manakpian Khilla road.	2	1
			Airport to Miani Bandi road.	2	1
			Narian Rajwian Niazpura road.	4	2
			Kardla to Jhandgran road.	3	2
			Total:-	55	29
e)	MZD-LR-05	" "	Sarran Chikar Road	14	7

			Chikar Bail road.	3	2
			Chikar Non Bagla road.	8	4
			Mochiogali to Mera Khurd.	7	5
			Mochigali to Mushtamba Katkar road.	15	4
			Panopindi to Indraseri road.	3	2
			Mother to Kopra road.	3	2
			Sudhan Gali to Jabar Jandali road.	2	1
			Total:-	55	27
f)	MZD-LR-06	" "	Hittan Bala Non Sukh road.	2	2
			Hattian- Bani Hafiz - bani Langryal road.	13	8
			Upper Nograd road.	1	1
			Khanda Bala road.	1	1
			Bat Bani to Sana Daman road.	3	3
			Hittian Bala to Sana Daman road.	6	3
			Kakarwara to Neli road.	10	7
			Total:-	36	25
g)	MZD-LR-07		Komikot Jahndgran road.	5	1
			Ambour Charakpura road.	20	4
			Rara Sawan road.	8	2
			Ranwar Sharif komikot road.	6	2
			Dhangali link road.	2	2
			Kohala Danna Rajpothi road.	19	3
			Total:-	60	14
h)	MZD-LR-08	" "	Shwai Thanger Shaheed Gali road.	8	8
			Tali Mandi road.	2	2
			Muzaffarabad Shaheed Gali road.	13	7
			Makri -Seri Dara road.	10	10
			Lohargali to Patrind road.	7	2
			Lohargali to Shaheed Gali road.	9	2
			Total:-	49	31
i)	MZD-LR-09	" "	Kahori Gahoter road.	5	3
			Batdara Machyara road.	3	1.5
			Kahori Heer Kutli road.	11	6
			Rajpian to Sanger road.	8	6
			Kahori Khanian road.	8	3
			Patikka Dewlian road (Right Bank).	18	12
			Patika Bheri road.	22	8
			Kundla Pehalyan road.	10	8
			Airlian road.	3	1
			Bheri Doba Besri road.	7	2
			Panjgran Link road.	4	3
			Dhani Knoor road.	5	5
			Zanda Pir Machyara road.	4	1
			Total:-	108	60
j)	MZD-LR-10	" "	Noseri Panjkot road.	8	8
			Patikka Persacha road.	6	6
			Pattika Sundban Pirchanasi road.	12	6
			Total:-	26	20
			G.Total:-	572	330

PWD BRIDGES (AJ&K)
(DISTRICT MUZAFFARABAD)

Ser	Package	Name of Bridge	Length (Meter)		Estimated Cost	Scope of work	Population served	Implementing Agency
			Total	Effectuated				
3	BRIDGES							
a)	MZD-BR-01	Dhanni Mysahiba Bridge.		200	203.320	New Bridge required to constructed for carrying out rehabilitation activities.		AJK PWD/AJKERA/ERRA
b)	MZD-BR-02	Pattika Bridge over river Neelum		130	288.000	New Bridge required to be constructed for carrying out rehabilitation activity.		" "
c)	MZD-BR-03	RCC Bridge Kahori.		108	60.000	Repair and Strengthening of Existing Bridge sub structure.		" "
		RCC Bridge Chalpani		100	50.000	Reconstruction of existing damaged bridge.		
		Replacement of Nuseri Bailey Suspension with RCC Bridge (i/c approach road length 1-Km).		160	128.000	Reconstruction of existing damaged bridge.		
d)	MZD-BR-04	Sub Structure of OP Bridge.		65	13.000	Reconstruction of existing damaged sub structure.		" "
		Khanda Baila Suspension Bridge over river Jehlum.		91	6.825	Repair of existing damaged bridge.		
		Thotha Suspension Bridge over river Jahelum.		115	2.415	Repair of existing damaged bridge.		
Construction of abutments for bailey bridges (20 Nos)								" "
e)	MZD-BR-05	Airport Kardala Road (near Ziarat)			59.080			
		Over Sahali Nallah						
		Langerpura Nallah on Right Bank						
		Over Jandar Ban Nallah						
		Thotha Bridge.						
		Over Nallah Kakarwallah						
		Over Nallah Langla						
		Khanda Bala Bridge near Hattian						
f)	MZD-BR-06	Over Traran Nallah mile No. 8			88.620			
		Over Traran Nallah mile No. 10						

		Over Qazi Nag Nallah Mile No. 12					
		Chinari Chakothe Bridge No. 1					
		Chinari Chakothe Brige No. 2					
		Chinari Chakothe Bridge No. 3					
		Over Nallah Mile No. 20					
		Over Nallah Mile No. 21					
		Over Nallah Mile at Laminia					
		Over Nallah Mile at Neil					
		Over Nallah Mile at Sharian					
		Reshian Bailey Bridge					
		Total:-		969	899.260		

PWD ROADS (AJ&K)
(DISTRICT BAGH)

Ser	Package	Name of Road	Length (Km)		Estimated Cost	Existing Formation/ black topped width (in Meter)	Proposed Formation black/topped width (in Meter)	Scope of work	Pop served	Implementing Agency
			Total	Effectuated						
1 Major Roads.										
a)	BGH-MR-01	Bagh - Arja.	16	4	28.000	8/5.5	8/5.5	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement	50000	AJK PWD/ SERA
		Arja - Dhirkot - Kohala.	43	5	35.000	8/5.5	8/5.5			
b)	BGH-MR-02	Bagh - Lasdana	32	4	28.000	6.5/3.65	6.5/3.65		50000	" "
		Lasdana - Kohota.	33	4	28.000	6.5/3.65	6.5/3.65			
		Kohota - Kailer Hillan.	25	2	14.000	6.5/3.65	6.5/3.65			
c)	BGH-MR-03	Lasdana - Haji Pair - Bhedi Khawaja Bandi.	51	6	42.000	6.5/3.65	6.5/3.65		30000	" "
		Kohota - Aliabad	13	2	14.000	6.5/3.65	6.5/3.65			
d)	BGH-MR-04	Bagh - Sudhen Gali.	25	3	21.000	6.5/3.65	6.5/3.65	25000	" "	
		By pass road (Up-gradation)	4	4	28.000	10/3.65	10/8			
e)	BGH-MR-05	Ghazabad - Minhasa	36	3	21.000	6.5/3.65	6.5/3.65	30000	" "	
		Kohala - Kaliari.	32	3	21.000	6.5/3.65	6.5/3.65			
Total:-			310	40	280.000					
2 Link Roads										
Rehabilitation of link roads Matelled/Fairweather.										
a)	BGH-LR-01	Detail attached Appendix"A"		12	24.000	5.5/3.65	5.5/3.65	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement	15000	AJK PWD/ SERA
b)	BGH-LR-02			12	24.000	5.5/3.65	5.5/3.65		18000	" "
c)	BGH-LR-03			13	26.000	5.5/3.65	5.5/3.65		15000	" "
d)	BGH-LR-04			21	42.000	5.5/3.65	5.5/3.65		25000	" "
e)	BGH-LR-05			17	34.000	5.5/3.65	5.5/3.65		32000	" "
f)	BGH-LR-06			16	32.000	5.5/3.65	5.5/3.65		20000	" "
	BGH-LR-07			9	18.000	5.5/3.65	5.5/3.65		20000	" "
Total:-			430	100	200.000			145000		
G.Total:-			740	140	480.000			145000		

PWD LINK ROADS AJ&K
DISTRICT BAGH

Ser	Package	Name of Road	Length (Km)	
			Total	Effectuated
1	2	4	5	6
1	BGH-LR-01	Nallah Pidhar - Dhalqazian - Bani Minhasa	11	5
		Dhalqazian - Maldarra – Water supply - Khwaja road.	6	3
		Pidher Behrian – Ratnoi	10	4
		Total:-	27	12
2	BGH-LR-02	Chattar - Basooti - Sher camp.	13	3
		Bagh Chowki - Khral Abbasian	18	5
		Dhulli - Lohar Bela	8	4
		Total:-	39	12
3	BGH-LR-03	Bagh Sahlian	10	4
		Mong – Dharay	5	3
		Bagh – Singola	14	6
		Total:-	29	13
4	BGH-LR-04	Bani - Pisari - Thub Malote – Rangla	25	12
		Dhakki – Pendi	4	2
		Harighel – Rawalakot	16	3
		Harighel - Kuffal Ghar	8	3
		Noman pura – Malote	16	1
		Total:-	69	21
5	BGH-LR-05	Gugdar - Badhal Sharif – Chamber	8	5
		Plangi – Karsum Dhara.	6	2
		Mehmood Gali - Chirikot.	8	4
		Chirikot - Plangi.	16	6
		Total:-	38	17
6	BGH-LR-06	Chajal - Fatehpur - Kerni Niza Pir.	18	5
		Lasdana – Tolipir	8	4
		Khurshidabad – Kala Mula.	5	2
		Sooli Kala mula.	12	5
		Total:-	43	16
7	BGH-LR-07	Kotli - Kanyati	5	2
		Latif Shaheed Road	10	4
		Ghaziabad – Hillan	8	2
		Ghaziabad link road	3	1
		Total:-	26	9
		G.Total:-	271	100

AJ&KPWD BRIDGES
DISTRICT BAGH

DISTRICT BAGH

Ser	Package	Name of Bridge	Length (Meter)		Estimated cost	Scope of work	Population served	Implementing Agency
			Total	Effectuated				
3 BRIDGES								
a)	BGH-BR-01	Bridge over Malvani Nallah.		184	120.000	Construction of new single lane bridge required.	60000	AJK PWD/ SERA
		Bridge Bagh city near boys college.		15	9.750			
b)	BGH-BR-02	Hudda Bari Bridge.		40	26.000	Construction of new bridges required.	50000	" " "
		RCC Bridge Dhulli Lohar Bala Raikot road over Nallah Raikot.		60	39.000			
		Khawaja Ratnoi Bridge.		25	16.250			
c)	BGH-BR-03	Kailer Hillan road over Nallah Neel Kunth.		15	9.750	Construction of new bridge required.	50000	" " "
		Kahutta Kailer road on Fatehpur Nallah.		15	9.750			
		Kailer Bridge.		30	19.500			
		Soli Bridge Kalamula road.		15	9.750			
		Plangi Bridge on Nallah Phulban.		30	19.500			
d)	BGH-BR-04	Replacement of Harighel Suspension Bridge.		175	156.200	" " "	50000	" " "
e)	BGH-BR-05	Nomanpura Suspension Bridge.		144	5.000	Repair of existing damaged bridge.	10000	" " "
f)	BGH-BR-06	Bhount Suspension Bridge.		35	1.000	" " "	20000	" " "
Construction of abutments for bailey bridges (8 Nos)								
g)	BGH-BR-07	Qadrabad-I Nallah			24.000	Construction of abutments for bailey bridges.	50000	" " "
		Qadrabad-II Nallah						
		Noman Pura Road						
		Harighel R.Kot road over Shajahabad.						
h)	BGH-BR-08	Shamsi bridge Mile No. 1 (Replacement)			24.000	" " "	30000	" " "
		Mile No. 2 (Chanjal) Replacement.						
		Mile No. 6 tholanger Nallah						
		Abbaspur Kahuta Road near Plangi.						
Total:-				783	489.450		320000	

PWD ROADS (AJ&K)
DISTRICT NEELUM

Ser	Package	Name of Road	Length (Km)		Estimated Cost	Existing Formation/ B/T width (in Meter)	Proposed Formation B/T width (in Meter)	Scope of work	Population served	Implementing Agency
			Total	Effectuated						
1	Major Roads									
1.	NV-MR-01	Naoseri Chalyana. *	10	10	250.000	6.3/3.5	8/5.5	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement	30000	AJK PWD/ SERA
2.	NV-MR-02	Chalyana Joora.	15	15	200.000	6.3/3.5	8/5.5	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement	30000	" " "
3.	NV-MR-03	Joora Authmuqam.	15	15	90.000	6.3/3.5	8/5.5	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement	20000	" " "
		Total:-	40	40	540.000				80000	

4	Link Roads	Rehabilitation of Links road Matalled and Fair-weather.								
5	NV-LR-01	Detail attached annexure'A'		29	58.000	5.5/3.5	5.5/3.5	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement	30000	AJK PWD/ SERA
6	NV-LR-02			41	82.000	5.5/3.5	5.5/3.5			
		Total:-	189	70	140.000				190000	
		G.Total:-	229	110	680.000				270000	

PWD BRIDGES (AJ&K)
DISTRICT NEELUM

Ser	Package	Name of Bridge	Length (Meter)		Amount (RsMillion)	Scope of work	Population served	Implementing Agency
			Total	Effected				
3	BRIDGES							
a)	NV-BR-01	Kundel Shahi Bridge over River Neelum		80	76.000	New Bridge required to be constructed for carrying out rehabilitation activity.	20000	AJK PWD/ SERA
		Bridge over Surgan Nullah.		40	38.000	New Bridge required to be constructed for carrying out rehabilitation activity.		
		Sharda Bridge over River Neelum.		133	126.350	New Bridge required to be constructed for carrying out rehabilitation activity.		
b)	NV-BR-02	Construction of abutments for Bailey Bridges.			91.000	Construction of abutments for bailey bridges.	40000	" " "
		Mile No. 29						
		Kahori Bridge						
		Near Noseri						
		Near Noseri Road Mile No. 35						
		Near Semari						
		Near Noseri Road Mile No. 39						
		N.V Road Mile No. 112 Chachar Man						
		Bailey Bridge Joora						
		Kundal Shahi (Replacement) Mile No. 40 N.V.						
		Over Mir Pura Nallah on Right Bank Mirpur Salkhala road.						
		Ashkot Nallah near Dispensary.						
		Shrogi						
Kotri								
		Total:-		253.00	331.350		60000	

ANNEX-4D

PWD ROADS (AJ&K)
DISTRICT POONCH

Ser	Package	Name of Road	Length (Km)		Est cost	Existing Formation/ black topped width (in Meter)	Proposed Formation black/topped width (in Meter)	Scope of work	Population served	Implementing Agency
			Total	Effectuated						
1 Major Roads										
a)	RKT-MR-01	Azad Pattan - Goon Nullah	34	3	15.000	8/5.50	8/5.50	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement	50000	AJK PWD/ SERA
		Sawa - Mong Rawlakot.	26	2	10.000	6.5/3.65	6.5/3.65			
		Rawlakot City roads.	7.25	0.5	2.500	8/5.50	8/5.50			
		Soon Menjhari - Tarkhel.	13	4	20.000	6.5/3.65	6.5/3.65			
		Shaheed Gala - Thror Goon Nallah.	7.5	1.5	7.500	6.5/3.65	6.5/3.65			
b)	RKT-MR-02	Arja - Tain Dhalkot.	25	4	20.000	8/5.50	8/5.50	" " "	35000	" " "
		Arja - Paniola.	11	1.5	7.500	8/5.50	8/5.50			
		Majahidabad -Bherian Thal	27	2	10.000	6.5/3.65	6.5/3.65			
		Mujahidabad - Chapri.	6	2	10.000	6.5/3.65	6.5/3.65			
		Rawlakot - Shujaabad - Harigail	10	1	5.000	6.5/3.65	6.5/3.65			
c)	RKT-MR-03	Khaigala - BHQ	17	1	5.000	8/5.50	8/5.50	" " "	30000	" " "
		Khaigala - Tharkhel.	20	1	5.000	6.5/3.65	6.5/3.65			
		Khaigala - Ali Sojal - Abaspur	43	5	25.000	6.5/3.65	6.5/3.65			
		Rawlakot - Singola Bagh.	32	3	15.000	6.5/3.65	6.5/3.65			
d)	RKT-MR-04	Hajira - Dawarandi Abaspur.	30	1	5.000	6.5/3.65	6.5/3.65	" " "	25000	" " "
		Abaspur - Mahmood Gali.	16	1	5.000	6.5/3.65	6.5/3.65			
		Abaspur Pallangi - Chiri	22	2	10.000	6.5/3.65	6.5/3.65			

		Kot.								
		Total:-	363.5	35.5	177.500				140000	
2	Link Roads	Rehabilitation of link roads Metalled/Fairweather.								
a)	RKT-LR-01	Detail attached appendix-'B'		23.5	47.000	5.50/3.65	5.50/3.65	1. Removal of slips and slides earthwork. 2. Rehabilitation of Retaining Structure R-B/Walls 3. Rehabilitation of X-Drainage 4. Rehabilitation of Road Pavement	25000	" " "
b)	RKT-LR-02			16.5	33.000	5.50/3.65	5.50/3.65		20000	" " "
c)	RKT-LR-03			19	38.000	5.50/3.65	5.50/3.65		25000	" " "
d)	RKT-LR-04			10	20.000	5.50/3.65	5.50/3.65		20000	" " "
e)	RKT-LR-05			9.5	19.000	5.50/3.65	5.50/3.65		25000	" " "
f)	RKT-LR-06			7	14.000	5.50/3.65	5.50/3.65		28000	" " "
g)	RKT-LR-07			9.5	19.000	5.50/3.65	5.50/3.65		25000	" " "
			Total:-	507	95	190.000				168000
		G.Total:-	870.5	130.5	367.500			308000		

PWD LINK ROADS (AJ&K)
DISTRICT POONCH

S. No	Package	Name of Road	Length (Km)	
			Total	Effectuated
1	2	4	5	6
1	RKT-LR-01	Gulshan-e-Shuda - Ban Baik road.	15	1
		Chak - Dhamni road	6	1
		Khrick Adda - Akal Mera road.	5	2
		Katchari to BHQ via Non-gazetted Colony road.	8	2
		By-Pass Khrick road.	5	2.5
		Rawalakot BHQ Panyola road.	17	5
		Trar - Dewan road.	4	3
		Mutiya Mera - Dabbi Mera road.	4	1
		BHQ to Police Station via Danna road.	5	1
		By-pass road to Kashif Public School road.	3	1
		Bus stand to MCH centre road.	3	1
		Kot Matay Khan road.	6	2
		Mujahidabad - Abbay Shifa road.	3	1
		Total:-	84	23.5
2	RKT-LR-02	Khigalla Toli Pir road.	24	5
		Dothan to Yadgar-e-Shuda road.	3	0.5
		Trarkhel - Dewigali road.	12	2
		Chotha Galla Hussainkot road.	8	1
		Trarkhel - Jandali road.	10	3
		Chothagala - Dharian road.	5	1
		Charh - Dreak - Chothagala road.	8	2
		Banjosa - Gamgai - Jandali road.	6	2
		Total:-	76	16.5
3	RKT-LR-03	Datote - Behri road.	6	3
		Crass Jhulanar - Panyola road.	9	9
		Jhulanar - Datote road.	6	3
		Mujahidabad - Hurnamera - Behrian Thala road.	26	3
		Behrian - Bosagala - Thorar road.	8	0.5
		Jandathi - Poth road.	3	0.5
		Total:-	58	19
4	RKT-LR-04	Thorar - Balgran road.	12	3

		Thorar - Tain road.	14.4	4
		Rara - Goon Nallah road.	4.5	1
		Granti - Adroote road.	3	1
		Kachal - Laway road.	2	1
		Total:-	35.9	10
5	RKT-LR-05	Hajira - Srari link road.	10	3
		Hajira - Pothi - Chaprian road.	8	0.5
		Hajira - Kotli road.	22	3
		Hajira - Akramabad road.	8	1
		Kathri ni Hill Sarari road.	3	1
		Tanda - Ghambir - Nambal Bala road.	3	1
		Total:-	54	9.5
6	RKT-LR-06	Sloye - Mandhole road.	6	1
		Dhera Crass - Sloye - Mandhole road.	3	0.5
		Dhar Bazar - Rakker road.	8	1.5
		Hajira Dawarandi - Madarpur road	12	2.5
		Darra Sher Khan road.	3	1
		Jawra Crass - Battle road.	2	0.5
		Total:-	34	7
7	RKT-LR-07	Tattri Abbaspur via Manwa Chatra road.	16	1
		Kaina Ghambir to Doonga Ghambir road.	8	1
		Abbaspur - Jamjer Khali - Draman road.	19	2.5
		Abbaspur - Trotti road.	5	1.5
		Abbaspur - Potha cross - Chaffar road	4	1
		Abbaspur - Kot Koian road.	4	1
		Abbaspur - Tangaran road.	6	1
		Mengohra - Khalli Draman road.	6	0.5
		Total:-	68	9.5
		G.Total:-	409.9	95

PWD BRIDGES (AJ&K)
DISTRICT POONCH

Ser	Package	Name of Bridge	Length (Meter)		Estimated cost	Scope of work	Population served	Implementing Agency
			Total	Effectuated				
1	2	4	5	6	7	8	9	10
3	Bridges							
a)	RKT-BR-01	Bridge on Goon Nallah road.	20	20	15.000	Rehabilitation of damaged bridge.	50000	AJK PWD/ SERA
		Bridge on Sawa Mong Rawlakot road.	16	16	12.000	Rehabilitation of damaged bridge.	20000	" "
		Bridge on Abbaspur road. <i>Construction of Right approach of Abbaspur RCC bridge span 600ft i/c protective/training work.</i>	190	190	20.000	Emergent work has been done to open the traffic. Reconstruction of right side approach will be done after detailed design.	30000	" "
		Construction of right approach of Hajira RCC Bridge over Ali Sojal Nallah near Bazar.	85	85	20.000	Retaining Walls, filling and metalling black topping.	25000	" "
		Total:-	311	311	67.000		125000	

ROADS
TMA ABBOTTABAD

S.No	Tehsil/Name of Road	Total length/damaged length (km)	Estimated cost in Million.	Existing formation/black topped width (m)	Proposed formation/black topped width (m)	Scope of work	Population served
1	2	3	4	5	6	7	8
Blacktoped Roads							
1	Berot to Julial road UC Berot.	3	9.00	3.00	3.65	Black Topping	1000
2	Berot to Kaneerkas road UC Berot	4	12.00	3.00	3.65	Black Topping	1500
3	Bakot village road UC Bakot.	3	9.00	3.00	3.65	Black Topping	900
4	Daban Dalola Road UC Dalola.	4	12.00	3.00	3.65	Black Topping	1570
5	Kakul to Balolia road UC Kakul.	5	15.00	3.00	3.65	Black Topping	1600
6	Kaghan Colony road near Iqra Academy UC Jhangi.	1	3.00	3.00	3.65	Black Topping	1700
7	Shimla Hill to Dehri road UC Jhangi	4	12.00	3.00	3.65	Black Topping	1400
8	Maira Muzaffar road UC Mirpur.	3	9.00	3.00	3.65	Black Topping	1250
9	Link road Aspadar to Mirpur Maira road.	2.5	7.50	3.00	3.65	Black Topping	1500
10	Islamkot road UC Mirpur	1	3.00	3.00	3.65	Black Topping	1000
11	Mirpur village to Jinnah Colony road UC Mirpur.	2	6.00	3.00	3.65	Black Topping	1700
12	Kunj road Abbottabad.	1	3.00	3.00	3.65	Black Topping	6000
13	Takia to Banda Said Khan road UC Dhantaur.	3	9.00	3.00	3.65	Black Topping	1200
14	Bambial to Narduba road UC Kakul.	3	9.00	3.00	3.65	Black Topping	950

15	Garhi Pana to Stadium road UC Nawanshehr.	$\frac{3}{4}$	2.25	3.00	3.65	Black Topping	600
16	PCC Road Masjid Khizra to H/o M.Riaz Nawanshehr.	$\frac{1}{2}$	0.8	3.00	3.00	PCC	350
17	Masjid Khizra, Anwar-e-Madina Masjid road UC Nawanshehr	2	6.00	3.00	3.65	Black Topping	800
18	Thanda Choha Nawanshehr road UC Nawanshehr.	2	6.00	3.00	3.65	Black Topping	900
19	Kala Pul to Chhona road UC Dhamtaur.	3	9.00	3.00	3.65	Black Topping	1100
20	Barra Hotar road to Damail UC Phalkot.	2	6.00	3.00	3.65	Black Topping	1500
21	Mohar Khurd road UC Sarbhana.	3	9.00	3.00	3.65	Black Topping	1000
22	Qalandarabad to Bandi Dhundan road UC Banda Pir Khan.	5	15.00	3.00	3.65	Black Topping	1700
23	Bandi Dhundan to Samesar road UC Banda Pir Khan.	3	9.00	3.00	3.65	Black Topping	900
24	Gali Banian to Danna road UC Kuthwal.	5	15.00	3.00	3.65	Black Topping	1400
25	Link road Dilian UC Kuthiala.	1	1.6	2.5	2.5	PCC Road	200
26	Kuthiala to Hall Syedan road UC Kuthiala.	3	9.00	3.00	3.65	Black Topping	1100
27	Thanda Maira road UC Salhad	1	3.00	3.00	3.65	Black Topping	700
28	Chhatri Bala road UC Kuthwal.	3	9.00	3.00	3.65	Black Topping	850
29	L/Road Jalalpura to Nikka Pani UC Baldheri.	1	1.6	2.5	2.5	PCC Road	400
30	Boi to Tori road UC Boi	4	12.00	3.00	3.65	Black Topping	1250
31	Mast Maira road UC Baldheri.	2	6.00	3.00	3.65	Black Topping	750
32	Harno to Deesal road UC Sarbhana	2	6.00	3.00	3.65	Black Topping	400
33	Bamlial Link Road UC Kakul.	2	6.00	3.00	3.65	Black Topping	500
34	Nadrrian Road UC Kakul.	2	6.00	3.00	3.65	Black Topping	1100
35	Ratty Mity to Sangey U/C Sarbahna	2	6.00	Nil	3.65	Black Topping	1250

36	Halmaira Road U/C Baldehri.	4	12.00	Nil	3.65	Black Topping	1400
37	Lalay de Bandi U/C Pawa	5	15.00	Nil	3.65	Black Topping	3000
38.	Khan Road U/C Sarbhana	3	9.00	Nil	3.65	Black Toing	4000
39.	Mir Alam Town Road U/C Shaikulbandi	1.5	4.50	Nil	3.65	Black Topping	1000
40.	Bandi Phulan Pawa Road	4	12.00	Nil	3.65	Black Topping	3000
	Total		315.25				54420

Shingle Roads							
1	Rehabilitation of Shingle road Kulian Bridge to Nambal UC Nambal.	8	8.00	3.65	4.87	Shingle	700
2	Nambal to Chalan Leeran road UC Nambal.	5	5.00	3.65	4.87	Shingle	450
3	Sambli Dheri road UC Boi.	4	4.00	3.65	4.87	Shingle	700
4	Batangi Masina road UC Kukmong.	3	3.00	3.65	4.87	Shingle	350
5	Gandiala to Pathar Gali road UC Kukmong.	3	3.00	3.65	4.87	Shingle	300
6	Dobathar Boi De Gali road UC Jhangi.	4	4.00	3.65	4.87	Shingle	450
7	Moolia to Ali Abad road UC Bakot.	7	7.00	3.65	4.87	Shingle	700
8	Dakh Doga to Paja road UC Beerangali	1 ½	1.5	3.65	4.87	Shingle	300
9	Barri to Arjada road UC Beerangali	2	2.00	3.65	4.87	Shingle	350
10	Malsa to Beerangali road UC Beerangali.	6	6.00	3.65	4.87	Shingle	450
11	Harrian to Dakh Doga UC Beerangali.	3	3.00	3.65	4.87	Shingle	320
12	Arnolian to Hakeeman de Kheter UC Beerangali	2	2.00	3.65	4.87	Shingle	320
13	Narian to Pangoora road UC	2	2.00	3.65	4.87	Shingle	300

	Nambli Maira.						
14	Malachh road UC Nathiagali.	5	5.00	3.65	4.87	Shingle	700
15	Samundar Katha road UC Nagri Bala.	4	4.00	3.65	4.87	Shingle	425
16	Kutli road UC Phalkot.	3	3.00	3.65	4.87	Shingle	400
17	Phalkot village road UC Phalkot.	5	5.00	3.65	4.87	Shingle	500
18	Tarerri road UC Banda Pir Khan.	6	6.00	3.65	4.87	Shingle	300
19	Gandlanian road UC Banda Pir Khan.	5	5.00	3.65	4.87	Shingle	320
20	Pawa Kamhar Bandi Road UC Pawa.	8	8.00	3.65	4.87	Shingle	3000
21	Bandi Phulan Pawa Road UC Pawa.	4	4.00	3.65	4.87	Shingle	3000
22	Kuthiala Gali to Salyot road UC Kuthiala.	4	4.00	3.65	4.87	Shingle	2500
23	Sambli Dheri to Ramkot road UC Boi.	8	8.00	3.65	4.87	Shingle	1000
	Total		102.5				17835

BRIDGES / CULVERTS
TMA ABBOTTABAD

1	Suspension Bridge Sorra UC Beerangali	61	3.00	2.5	2.5	Steel /Wood	TMA Atd.
2	RCC Bridge over Nala Jab Narrian UC Sheikhulbandi.	20	4.00	3.65	3.65	RCC	-do-
3	Bridge over Nala Daur Bandi Maira road UC Bagnotar.	30	4.6	3.65	3.65	RCC	-do-
4	Bridge over Nala Banda Khair Ali Khan UC Jhangi.	6	0.8	3.65	3.65	RCC	-do-
5	1 No. Culvert Moolia to Ali Abad road UC Moolia.	1.83	0.150	3.65	3.65	RCC	-do-
6	10 Nos.Culvert Berot to Julial road	1.83x10= 18.30	2.75	3.65	3.65	RCC	-do-
7	5 Nos. Culvert link Dalola road UC Dalola.	1.83x5= 9.15	1.37	3.65	3.65	RCC	-do-
8	4 Nos. Culvert Batangi Masina road UC Kukmong.	1.83x4= 7.32	1.10	3.65	3.65	RCC	-do-
9	6 Nos. Culvert Dobathar Boi de Gali road UC Jhangi.	1.83x6= 10.98	1.65	3.65	3.65	RCC	-do-
10	6 Nos. Culvert Dakh da Doga to Paja UC Beerangali.	1.83x6= 10.98	1.65	3.65	3.65	RCC	-do-
11	5 Nos. Culverts Barri to Arjada road UC Beerangali.	1.83x5= 9.15	1.37	3.65	3.65	RCC	-do-
12	7 Nos. Culvert Narian to Pangora road UC Nambli Maira.	1.83x7= 12.81	1.92	3.65	3.65	RCC	-do-
	Total		24.36				

ROADS
TMA HAVELIAN

Ser	Name of road	Total / Damaged length (KM)		Estimated Cost	Existing formation B/T (m)	Proposed formation/B/T width (m)	Scope of work	Population served	Implementing agency
		Total length	Damage length						
1	Bandi to Dakhan Passer	6	4	2.000	-	-	Katcha	5000	TMA Havelian
2	Nagri Totial Chainali	7	5	2.500	-	-	"	4000	"
3	Narhoter Khoian Road	9	6	3.000	-	-	"	2000	"
4	Mari Peer Kot Road	6	3	1.500	-	-	"	5000	"
5	Saji Kot to Gali	3	2	1.000	-	-	"	2000	"
6	Chapri to Manjia road	7	3	1.500	-	-	"		"
7	Karwala Baseera road	5	2	1.600	-	-	"	4000	"
8	Hawarian to Gandawan road	3	2	1.300	-	-	"	3000	"
9	Barrian Chatala road	5	3	1.500	-	-	"	3000	"
10	Langrial Dubran road	3	3	4.000	4.87	4.87	BTR	5000	"
11	Kari Balkhu road	4	2	1.000	-	-	Katcha	3000	"
12	Jandala road	6	4	2.000	-	-	"	5000	"
13	Langrial Dana road	6	6	3.000	-	-	"	4000	"
14	Cheir Nilotha Road	5	3	1.500	-	-	"	4000	"
15	Cheir Hari Khayter road	3	2	1.300	-	-	"	3500	"
16	Marri to Nagri Totial road	5	3	1.500	-	-	"	3000	"
17	Mohri Budbehn to Chamnaka road	5	3	1.500	-	-	"	3500	"
18	Malmoola Batkanala road Blasting 80%	14	10	5.000	-	-	"	6000	"

19	Chanali Dhamyal katha road	7	5	2.500	-	-	"	4000	"
20	Lora Ghari road	4	3	1.500	-	-	"	4000	"
21	Malmooral Seri road	5	3	1.500	-	-	"	5000	"
22	Nagri Chanali road	7	5	2.500	-	-	"	5000	"
23	Jhangri Rakhata road	7	5	2.500	-	-	"	4500	"
24	Lower Barian Hawari Tokan road	3½	2½	1.250	-	-	"	3700	"
25	Kalkot Goreeni Bawar Road	4½	4	1.500	-	-	"	3900	"
26	Nagri Totial Thuba road Via Batangi Gali	7	5	2.500	-	-	"	4700	"
27	Narhotar Chathrial Via Pathani Road	6	3	1.500	-	-	"	4000	"
28	Maira Roomal Leeran road	4	1½	0.750	-	-	"	3100	"
29	Lareen Hajian to Samloi Goreeni	3½	2	1.000	-	-	"	3200	"
30	Jawa Link Road	2	1½	0.750	-	-	"	2900	"
31	Rahi Chinkot Jabri	4	3	1.500	-	-	"	3800	"
32	Maira Hasnal Chowain road	4	3	1.500	-	-	"	3500	"
33	Karaki Road	5	3½	1.750	-	-	"	3300	"
34	Masah Gojri Link Road	3	2½	1.250	-	-	"	2800	"
35	Hajja Gali Kaila Road	4	3	1.500	-	-	"	4100	"
36	Gali Batgran Road	2	1½	0.750	-	-	"	3300	"
37	Langrial Road	1	1	0.500	-	-	"	2500	"
	TOTAL	174	111	65.200	4.87	4.87		136300	

ROADS
TMA MANSEHRA

Ser	Tehsil/Name of road	Total length		Estima ted Cost	Existing formation/ B/T (KM)	Proposed formation/ B/T (KM)	Scope of work	Implementing agency
		Damaged length (KM)						
		Total length	Damage length					
Category-I								
1	Jaborri to Banda Geesuch	3	3	2.500	3.65	3.65	Shingle	TMA Mansehra
2	Treda Chotta	3	3	2.500	3.65	3.65	"	"
3	Malkan Hilkot	2	2	2.400	3.65	3.65	Black Topped	"
4	Oghi Battal to Saloona road	1	1	1.200	3.65	3.65	Black Topped	"
5	Chatter Plain to Bali Mong	3	3	3.600	3.65	3.65	Black Topped	"
Category-III								
6	Nasardi Chater Plain	1	1	1.200	3.65	3.65	Black Topped	"
7	KKH to Serian Ahl road	1	1	1.800	3.65	3.65	Black Topped	"
Category-IV								
8	Underpass at the Junction of Pano Chinar road	0	0	15.000	1	1	1 Job	"
9	Dara College Doraha road	2.5	2.5	3.000	3.65	3.65	Black Topped	"
Category-V								
10	KKH to Darmian road	0.75	0.75	0.800	3.65	3.65	Black Topped	"
11	H/O of Saith Ali Bahadar to Dhangri road	1.0	1.0	1.200	3.65	3.65	Black Topped	"
12	Chitti Gatti Hathi Maira	2	2	2.400	3.65	3.65	Black Topped	"
13	Ghandian Lung Sharif	4	4	4.800	3.65	3.65	Black Topped	"
14	Kalgan Link road	1	1	1.200	3.65	3.65	Black Topped	"
Total Roads		19.25	19.25	43.600				

Bridges								
Category-I								
1.	Suspension bridge Jaborri	1	1	1.500	1.82	1.82	NA	"
2.	Suspension bridge jaberr Baila	1	1	1.000	1.82	1.82	NA	"
3.	Suspension bridge Manakbori	1	1	1.000	1.82	1.82	NA	"
4.	Suspension bridge Jabarr Village	1	1	1.000	1.82	1.82	NA	"
5.	Suspension bridge Bhagerrmong	1	1	0.500	1.82	1.82	NA	"
6.	Suspension bridge Kotli Bala Kund	1	1	0.800	1.82	1.82	NA	"
7.	Reconstruction of 20 Nos Culverts in Mansehra city	20	20	0.500	1.82	1.82	NA	"
Total Bridges		6	6	6.300				
Culverts		20		0.500				
G. Total (Shingle) Road		6	6	5.000				
G. Total (Black Topped) Rorad		13.25	13.25	38.600				

TMA ROADS
OGHI DISTRICT MANSEHRA

Ser	Name of road	Total /Damaged length (KM)		Estimated Cost	Implementing agency
		Total length	Damage length		
1	Bandi Shungli Seri Kohani road	18	18	1.000	TMA Oghi
2	Jawar Pagora road	2	2	0.100	TMA Oghi
3	Bandi Guldar Shera road	2	2	0.200	TMA Oghi
4	Bandi Shungli Basangar Gali Sunj road	6	6	0.300	TMA Oghi
5	Chapri Chatta road	4	4	0.400	TMA Oghi
6	Beer bkut Rehbanda Basagar Gali road	4	4	0.150	TMA Oghi
7	Neel Batla road			0.500	TMA Oghi
8	Masum Seri Chakal road	5	5	0.300	TMA Oghi
9	Shergarh to Seri Gorla road	7	7	0.500	TMA Oghi
10	Shergarh to Batkarar road	7	7	0.500	TMA Oghi
11	Tanawa road	4	4	0.500	TMA Oghi
12	Gali Badral to Thakra road	12	12	0.500	TMA Oghi
13	Oghi to Gali Badral road	7	7	0.100	TMA Oghi
14	Chansair to Seri Mehar Gull road	10	10	0.500	TMA Oghi
15	Poodnial road	2	2	0.150	TMA Oghi
16	Faqir Abad to Darmali road	2	2	0.200	TMA Oghi
17	Bajna Naryali road	3	3	0.050	TMA Oghi
18	Dogai Kochatti road	8	8	0.500	TMA Oghi
19	Rug road	7	7	0.300	TMA Oghi
20	Seri Katha to Seri road	2	2	0.300	TMA Oghi
21	Street Kochatti			0.660	TMA Oghi
22	Streets Takia			0.250	TMA Oghi
23	Gujjar Bandi Pain road			0.300	TMA Oghi
24	Khait road			0.200	TMA Oghi
25	Seri Katha to Mandra road	2	2	0.100	TMA Oghi
26	Streets naryali			0.100	TMA Oghi
27	Streets Dhamdheri Sultan Muhammad			0.050	TMA Oghi

28	Streets Gali Badral & Khairmera			0.015	TMA Oghi
29	Dhamdheri road			0.200	TMA Oghi
30	WSS Faqir Abad Dheri			0.100	TMA Oghi
31	Link road Ismail Bandi Seri Road	1	1	0.100	TMA Oghi
32	Shergarh to Gidri Banda road	2	2	0.200	TMA Oghi
33	Link road BHU Shergarh to Khamarian	2	2	0.200	TMA Oghi
34	Beerbut to Kamlorian road	2	2	0.150	TMA Oghi
35	Bandi Shungli to Naryali Tendki road	1	1	0.100	TMA Oghi
36	Gali Badral road to Dhamdheri	1/5	1/5	0.150	TMA Oghi
37	Paratian Barchari Hair Seri road	3	3	0.300	TMA Oghi
38	Kharee road	1	1	0.100	TMA Oghi
39	Jabbar road			0.050	TMA Oghi
40	Ramkot road			0.150	TMA Oghi
41	Bandi Paraw Chamiyal road			0.150	TMA Oghi
42	Karori Kharyala road			0.800	TMA Oghi
43	Kaloo basti road	3	3	0.200	TMA Oghi
44	Gujjar Bandi road			0.200	TMA Oghi
45	Kamlorian road			0.300	TMA Oghi
46	Nambal Katha to Dhok Batarwai roadDoga road			0.500	TMA Oghi
47	Doga road	4	4	0.300	TMA Oghi
48	Seri Malwal road	4	4	0.200	TMA Oghi
49	Bucha Bandi road			0.200	TMA Oghi
50	Bagrian shora road			0.500	TMA Oghi
51	Ghanian road	2	2	0.400	TMA Oghi
52	Jiskot road	2	2	0.400	TMA Oghi
53	Kurkurian road	2	2	0.200	TMA Oghi
54	Gorian road	2	2	0.300	TMA Oghi
55	Chorklan road	5	5	0.300	TMA Oghi
56	Kalagay Bridge			1.500	TMA Oghi
57	Kalgay road	2	2	0.200	TMA Oghi
58	Jiskot to Ghanian road	4	4	0.200	TMA Oghi
59	Ghanian to Shahtoot road	8	8	0.400	TMA Oghi
60	Jiskot to Belian road	5	5	0.500	TMA Oghi
61	Ghanian to Ghanian Bala road	2	2	0.500	TMA Oghi

62	Oghi to Kandaw Gali main road	2	2	0.500	TMA Oghi
63	Pav of Street Dilbori	3	3	0.300	TMA Oghi
64	Belian to Duldheri road	5	5	0.150	TMA Oghi
65	Jiskot Bridge			0.300	TMA Oghi
66	Jadoon Abad Dilbori	4	4	0.800	TMA Oghi
67	Basti Adam Khan road	1	1	0.150	TMA Oghi
68	Chijri Belian road	2	2	0.400	TMA Oghi
69	Clhaghbut road	5	5	0.300	TMA Oghi
70	Tarawa road Jehangir abad	2	2	0.200	TMA Oghi
71	Sambal Boot Road	5	5	0.300	TMA Oghi
72	Phagbanda road	4	4	0.400	TMA Oghi
73	Kot road	2	2	0.200	TMA Oghi
74	Tashqand troad	5	5	0.500	TMA Oghi
75	Malookra to Shaikh Abad	3.2	3.2	0.300	TMA Oghi
76	Nawan Sher road	2	2	0.150	TMA Oghi
77	Khair Abad road	2	2	0.200	TMA Oghi
78	Manchora road	2	2	0.200	TMA Oghi
79	Dehran rpad	5	5	0.400	TMA Oghi
80	Aziz Abad road Degree College	2.5	2.5	0.500	TMA Oghi
81	Guldheri Ahmad Said road	2	2	0.300	TMA Oghi
82	WSS Manchora			0.300	TMA Oghi
83	Sussal Gali tpo Chita But road	4	4	0.800	TMA Oghi
84	Horgarh road	1	1	0.200	TMA Oghi
85	Main road arbora	2.5	2.5	0.500	TMA Oghi
86	Road Bandi Sadiq	1.5	1.5	0.400	TMA Oghi
87	Shafaida road	3	3	0.600	TMA Oghi
88	Streets Susal Gali	1	1	0.200	TMA Oghi
89	Streets Seri	1	1	0.150	TMA Oghi
90	Streets Arbora	1	1	0.300	TMA Oghi
91	Dehran Banda road	4	4	0.400	TMA Oghi
92	Battang road	2	2	0.200	TMA Oghi
93	Hussain Band road	8	8	0.150	TMA Oghi
94	Chinkot road	2	2	0.500	TMA Oghi
95	Khair Abad road	2	2	0.400	TMA Oghi

96	Drainage of Oghi Bazar	6	6	1.200	TMA Oghi
97	Wooden Bridge RHC Oghi	5	5	1.000	TMA Oghi
98	Haji Qamar Karmati road	3	3	0.600	TMA Oghi
99	Was Susal Gali to Chittha	2	2	0.400	TMA Oghi
100	Bridge Kachrian			0.500	TMA Oghi
101	Horgarh Bridge			0.300	TMA Oghi
102	Seri Bridge			0.200	TMA Oghi
103	Hawa Gali road	2	2	1.000	TMA Oghi
104	Shador road	2	2	0.200	TMA Oghi
105	Kangar Banda road	1	1	0.100	TMA Oghi
106	Mir Bandi road	1	1	0.200	TMA Oghi
107	Bawar Khan road	2	2	0.200	TMA Oghi
108	Chajar Sydan road	1	1	0.100	TMA Oghi
109	Bankot road Bangsh banda road	2	2	0.300	TMA Oghi
110	Kandi road	1	1	0.300	TMA Oghi
111	Mian road to Bankot	2	2	0.200	TMA Oghi
112	Sheikhabad road	2	2	0.200	TMA Oghi
113	Malookra road	2	2	0.200	TMA Oghi
114	Shamdhara to Feroz Bands	2	2	0.200	TMA Oghi
115	Hari Baig road			0.100	TMA Oghi
116	Kysa Khan road			0.100	TMA Oghi
117	Jabbi road			0.100	TMA Oghi
118	Khaba; road			0.800	TMA Oghi
119	Shahkot road			0.800	TMA Oghi
120	Khaba; Lundi road			0.700	TMA Oghi
121	Road Pham Gali Tatoli	2	2	0.400	TMA Oghi
122	Pham Gali to Nasapai road	1	1	0.600	TMA Oghi
123	Shahkot road two sides	2	2	0.600	TMA Oghi
124	Calundrian road	1		0.150	TMA Oghi
125	Jaithian Tanoli road	2	2	0.500	TMA Oghi
126	Chajjar road	2	2	0.100	TMA Oghi
127	Jaithian Khankhail road	1	1	0.800	TMA Oghi
128	Kathai Kacha road	2	2	0.200	TMA Oghi

129	Shahkot to Pattian road	2	2	0.200	TMA Oghi
130	Lamba Naka road & Culverts			0.300	TMA Oghi
131	Rashai road	2	2	0.200	TMA Oghi
132	Kundra road			0.200	TMA Oghi
133	B+R Shahkot Road	2	2	1.000	TMA Oghi
134	B+R Sokal road	1	1	0.500	TMA Oghi
135	B+R Khandgran road	1	1	0.500	TMA Oghi
136	Kacha road Kalas	4	4	0.500	TMA Oghi
137	Khamian Sehragali road	8	8	0.600	TMA Oghi
138	Khandgran to Gidobagla road	4	4	0.400	TMA Oghi
139	Sarra to Devel Gali road	8	8	0.600	TMA Oghi
140	Danna & Gali road	2	2	0.200	TMA Oghi
141	Danna Kalas road	1	1	0.300	TMA Oghi
142	Darband to Khandgran road	2	2	0.300	TMA Oghi
143	Taras Bai road	3	3	0.150	TMA Oghi
144	Karkala road	1	1	0.200	TMA Oghi
145	Hotar to Shandgran	1	1	0.200	TMA Oghi
146	Bagwai road	2	2	0.100	TMA Oghi
147	Darband Chapper road	2	2	0.300	TMA Oghi
148	Nika Pani to Kajla road	3	3	0.500	TMA Oghi
149	Bandi Paraw to Nika Pani			0.300	TMA Oghi
150	Angar Behan Naka road	2	2	0.500	TMA Oghi
151	Riar road	2	2	0.200	TMA Oghi
152	Chameri road	2	2	0.300	TMA Oghi
153	Baradar road	2	2	0.300	TMA Oghi
154	Hotar naryani road	1	1	0.100	TMA Oghi
				52.725	

TMA ROADS
BALAKOT DISTRICT MANSEHRA

PACKAGE	NAME OF ROAD	TOTAL LENGTH/ DAMAGED	ESTIMATED COST RS (M)	EXISTING FORMATION B/T	PROPOSED FORMATION B/T	SCOPE OF WORK	JUSTIFICATION WITH REFERENCE TO EARTHQUAKE
1	Rehabilitation of Sari Naral Road Garhi Habibullah Road	(2KM)	1.2	3.65	3.65	Retaining Structure/Drains/cutting & filling	Badly damaged due to the Earthquake. Need improvement / Rehabilitation.
2	Rehabilitation of Garhi Habibullah to Bhuraj Road	(4KM)	12	3.65	3.65	Retaining structure/X-Drainage E/Works & Black topping	-/-
3	Rehabilitation of Garhi Habibullah to Jabi Road	(5KM)	3	3.65	3.65	Retaining Structure/Drains/cutting & filling	-/-
4	Rehabilitation of Jaraid Bazar to Nakkian Jaraid Road	(3KM)	1.8	3.65	3.65	-/-	-/-
5	Rehabilitation of Khola Darvishabad to Tanger Road	(2KM)	0.8	3.65	3.65	-/-	-/-
6	Rehabilitation of Kawai to Paror Road	(2KM)	0.8	3.65	3.65	-/-	-/-
7	Rehabilitation of Kaith Sarash to Dandar Road	(2KM)	0.8	3.65	3.65	-/-	-/-
8	Rehabilitation of Paras to Suwan Road	(6KM)	2.4	3.65	3.65	-/-	-/-
9	Rehabilitation of Bangian Road	(4KM)	1.2	3.65	3.65	-/-	-/-
10	Rehabilitation of Batkarar to Sobririan Road	(2KM)	0.6	3.65	3.65	-/-	-/-
11	Rehabilitation of Balakot to Satbani Kund Bangla Road	(9KM)	2.7	3.65	3.65	-/-	-/-

12	Rehabilitation of Shahgai to Narwa Bajmori Road	(6KM)	2	3.65	3.65	-/-	-/-
13	Rehabilitation of Khangiri Road	(1.5 KM)	0.6	3.65	3.65	-/-	-/-
14	Rehabilitation of link Road Batangi	(2KM)	0.8	3.65	3.65	-/-	-/-
15	Rehabilitation of Jalora to Patlang lower Road	(2KM)	0.6	3.65	3.65	-/-	-/-
16	Rehabilitation of Baila to Sachan Road	(3KM)	1.2	3.65	3.65	-/-	-/-
17	Rehabilitation of Banda Balola Road	(2KM)	0.6	3.65	3.65	-/-	-/-
18	Rehabilitation of Bahatian Ghanool Road	(2KM)	0.6	3.65	3.65	-/-	-/-
19	Rehabilitation of Ghanool to Shogran	(8KM)	2.4	3.65	3.65	-/-	-/-
20	Rehabilitation of link Road Kara Joschaca	(2KM)	0.6	3.65	3.65	-/-	-/-
21	Rehabilitation of Jariad to Doong Dogian Road	(4KM)	1.6	3.65	3.65	-/-	-/-
22	Rehabilitation of Mangli to Mitikot Road	(6KM)	1.8	3.65	3.65	-/-	-/-
23	Rehabilitation of Roads/Removal of slides & 3 Nos. Cause way/bridges at different places FMR Road Balakot to Garhi Habibullah	(2KM)	30	6.09	6.09	Wing walls & Slab of cause way and repair of road	-/-
24	Rehabilitation of RCC Bridge Hassa	-	10	2.43	2.43	Rehabilitation of old bridge	Old bridge is partially damaged. Not fit for any Traffic. Need Rehabilitation.
25	Rehabilitation of RCC Bridge Shohal Mazullah	-	40	2.43	2.43	-/-	-/-
26	Repair of Suspension Bridge at Guldehri Kashtra Town over Kunhar River	-	1	2.43	2.43	Replacement of old wooden braces repair of abutment.	Old bridge is partially damaged. Need for repair
	Total		121.1 (M)				

TMA ROADS
BATTAGRAM

Ser	Tehsil/Name of road	Total length		Estimated	Existing formation/	Implementing agency
		Damaged length (KM)		Cost	topped width (m)	
		Total length	Damage length			
1.	Ghari Zamat Khan	1.0	0.20	0.020	-	TMA Battagram
2.	Road Noshera	1.5	0.50	0.080	-	TMA Battagram
3.	Road Barsar	2.0	0.50	0.100	-	TMA Battagram
4.	Road KKH to Morah Andarwali	3.0	0.50	0.150	-	TMA Battagram
5.	Road Shamlai Tapka	1/2	.50	0.300	-	TMA Battagram
6.	Road Malkal Gali	1.0	.10	0.300	-	TMA Battagram
7.	Road Rangeen abad Surgai	3.0	.30	0.600	-	TMA Battagram
8.	Road Malkal Gali	2.0	1.0	0.100	-	TMA Battagram
9.	Road Rangeen abad Surgai	5.0	2.5	0.500	-	TMA Battagram
10.	Malkot Road	5.0	2.5	0.5	-	TMA Battagram
11.	Jabri Road	6.0	1.5	0.150	-	TMA Battagram
12.	Thakot Darband to Nakhter road	2.0	1	0.200	-	TMA Battagram
13.	Link road Habib Banda	2.0	1	0.200	-	TMA Battagram
14.	Banian to Kolia road	6.0	3	0.300	-	TMA Battagram
15.	Bendigo to Dilbori Kandaow road	10.0	8	0.800	-	TMA Battagram
16.	Link road Dhaeri Rajmera	0.8	0.7	0.045	-	TMA Battagram
17.	Chiaar road	0.8	0.6	0.045	-	TMA Battagram
18.	Link road Sango Hanif Abad	1.0	0.2	0.030	-	TMA Battagram

19.	Link road KKH Phagor Hanif Abad	0.5	0.2	0.030	-	TMA Battagram
20.	Link road Waheed Abad Sarang	0.6	0.4	0.020	-	TMA Battagram
21.	Link road Meran	1.5	0.7	0.050	-	TMA Battagram
22.	Link road Kandar to Gitlo Pezo	0.5	0.2	0.020	-	TMA Battagram
23.	Road Mach Khawar to Nazir abad	1.0	0.75	0.040	-	TMA Battagram
24.	Repair of Kashmirni bridge Tringar	0.06	0.04	0.100	-	TMA Battagram
25.	PCC Road Gari Muzaffar Khan	0.06	0.03	0.025	-	TMA Battagram
26.	PCC road Batgram village	0.25	0.25	0.200	-	TMA Battagram
27.	Shungli Paien road	1.0	0.2	0.080	-	TMA Battagram
28.	Bandigo Chohan road	1.5	0.25	0.025	-	TMA Battagram
29.	Shandasar road	1.25	0.5	0.050	-	TMA Battagram
30.	Shahbora road	1.0	0.5	0.050	-	TMA Battagram
31.	Roban to Treda bandige road	1.0	0.5	0.050	-	TMA Battagram
32.	Takia Ajmal Chappergram road	0.5	0.25	0.250	-	TMA Battagram
		8.32	20.97	5.410		

TMA ROADS
ALLAI DISTRICT BATTAGRAM

Ser	Name of road	Total / Damaged length (KM)		Estimated Cost	Scope of work	Population served	Implementing agency
		Total length	Damage length				
1	Shingle road Qilla Allai Goshra	6	3	0.450	Katcha	-	TMA Allai
2	Katcha Road Panjooi Kurmat	4	2	0.300	Katcha	-	TMA Allai
3	Link Road Kandao to Sorgay	3	1	0.150	Katcha	-	TMA Allai
4	Kalia to Sorgau	2	1	0.150	Katcha	-	TMA Allai
5	Bab Khowar to Bab Village	2	1	0.150	Katcha	-	TMA Allai
6	Durab Khowar to Panjori Road	2	1	0.150	Katcha	-	TMA Allai
7	Link road Pazang to Bar Kass	1	1	0.150	Katcha	-	TMA Allai
8	Pizato Reshori Road	2.5	1.5	0.250	Katcha	-	TMA Allai
9	Lagram to Kur Sorgey Road	4	2	0.300	Katcha	-	TMA Allai
10	Sarogay Kundar Road	3	1.5	0.250	Katcha	-	TMA Allai
11	Way Mor Sakergarh Jor Ghazwali	2	1	0.150	Katcha	-	TMA Allai
12	Kandao Laghray Sar road	3	1.5	0.250	Katcha	-	TMA Allai
13	Kuz Tandol to Bar Tandol	3	1.5	0.250	Katcha	-	TMA Allai
14	Faqiro Road	2	1	0.150	Katcha	-	TMA Allai
15	Kargat to Chapray road	5	3	0.450	Katcha	-	TMA Allai
16	Link Road Asharban to Dondara	7	4	0.600	Katcha	-	TMA Allai
17	Damtai road	3	1	0.150	Katcha	-	TMA Allai
18	Way Banna Mohi Sadat	2	1	0.150	Katcha	-	TMA Allai
19	Moreen road	2	1	0.150	Katcha	-	TMA Allai

20	Link road Barmoreen	2	1	0.150	Katcha	-	TMA Allai
21	Link road Tailoos	.5	0.5	0.070	Katcha	-	TMA Allai
22	Kandogay to Tailoos	1	0.5	0.070	Katcha	-	TMA Allai
23	Kuz Dheer road	.2	1	0.150	Katcha	-	TMA Allai
24	Link road matta bazar to GPS nehar	2	2	0.300	Katcha	-	TMA Allai
25	Link road Bojri to Nair	6	3	0.430	Katcha	-	TMA Allai
26	Bateela to Koshgram road	3	0.2	0.230	Katcha	-	TMA Allai
27	Matto to Guntar road	1	1	0.150	Katcha	-	TMA Allai
28	Jahanzeb Qilla road	1	1	0.150	Katcha	-	TMA Allai
29	Umray Kotkey Khushala Gargat road	3	2	0.300	Katcha	-	TMA Allai
30	Balndi to Badkhana road	3	1.5	0.250	Katcha	-	TMA Allai
31	Rashang road to Biry Village road	1	1	0.150	Katcha	-	TMA Allai
32	Link road Bandi Khanimullah	1	0.2	0.070	Katcha	-	TMA Allai
33	Link road Qilla Taj Muhammad Khan	.5	0.2	0.070	Katcha	-	TMA Allai
34	Link road Pokal Qilley	.5	0.2	0.100	Katcha	-	TMA Allai
35	Link road Tarhey to Kargaray	1	1	0.15	Katcha	-	TMA Allai
36	Nala Rashang road	3	1.5	0.23	Katcha	-	TMA Allai
37	Pashto to Batangi road	4	3	0.45	Katcha	-	TMA Allai
38	Nati Khowar to Nal Pashto road	2	1	0.15	Katcha	-	TMA Allai
	TOTAL		51.8	8.220			

TMA ROADS
ALPURAI DISTRICT SHANGLA

Ser	Name of road	Total length Damaged length (KM)		Estimated Cost	Scope of work	Population served	Implementing agency
		Total length	Damage length				
1	Shalmano Village	6	3.1	0.560	Katcha	1000	TMA Alpuai
2	Kuza Sangrai	6	3.2	0.560	Katcha	800	TMA Alpuai
3	Damorai	5	3	0.560	Katcha	700	TMA Alpuai
4	Bazar Kot Achar	4	3	0.560	Katcha	800	TMA Alpuai
5	Khatak Sar	5	3	0.560	Katcha	700	TMA Alpuai
6	Peshai Kadow	4	3	0.560	Katcha	800	TMA Alpuai
7	Sokai Sar	5	1	0.560	Katcha	700	TMA Alpuai
8	Sabonay Sar	8.5	4.2	1.444	Katcha	900	TMA Alpuai
9	Toka Road	8.5	4.2	1.444	Katcha	900	TMA Alpuai
10	Danakol Saida	2.4	1.2	0.271	Katcha	900	TMA Alpuai
11	Kass Sabonay	2.5	1.5	0.271	Katcha	700	TMA Alpuai
12	Farid Abad	2	1.2	0.271	Katcha	600	TMA Alpuai
13	Kotkay	2	1.2	0.271	Katcha	500	TMA Alpuai
14	Piplai	5.8	3	0.820	Katcha	700	TMA Alpuai
15	Sanagrai	6	3	0.820	Katcha	800	TMA Alpuai
16	Saida	6	3	0.820	Katcha	500	TMA Alpuai
17	Amlook	6	3	0.820	Katcha	700	TMA Alpuai
18	Kirai	3	1.5	0.415	Katcha	500	TMA Alpuai
19	Bar Hall	2	1.5	0.415	Katcha	500	TMA Alpuai

20	Zara	5	3	0.415	Katcha	700	TMA Alpuai
21	Banjar Sar	4.5	2.2	0.687	Katcha	600	TMA Alpuai
22	Jabar	4	2.5	0.687	Katcha	700	TMA Alpuai
23	Kotkor	4	2.5	0.687	Katcha	600	TMA Alpuai
24	Larai	6	3	1.102	Katcha	1500	TMA Alpuai
25	Poniyal	6	3	1.102	Katcha	600	TMA Alpuai
26	Sabonay Sar	7	3	1.102	Katcha	700	TMA Alpuai
27	Tolik	10	5	1.634	Katcha	800	TMA Alpuai
28	Takhta	10	5	1.634	Katcha	700	TMA Alpuai
29	Chakisar	10	6	2.055	Katcha	2000	TMA Alpuai
30	Bar Bat Kot	11	6	2.176	Katcha	1000	TMA Alpuai
31	Shahtoot	9	5	1.913	Katcha	800	TMA Alpuai
32	Manai	8	8	2.723	Katcha	1000	TMA Alpuai
33	Donai	5	3	1.231	Katcha	700	TMA Alpuai
34	Marof Khail	1.9	0.9	0.219	Katcha	600	TMA Alpuai
35	Shahpur	0	0	0.766	Katcha	900	TMA Alpuai
36	Raniyal	0	0	0.766	Katcha	1000	TMA Alpuai
37	Ganshall	0	0	0.910	Katcha	1000	TMA Alpuai
38	Gojar Kallay	0	0	0.766	Katcha	800	TMA Alpuai
39	Tangai Bajkata	0	0	0.482	Katcha	800	TMA Alpuai
40	Damorai	0	0	0.482	Katcha	700	TMA Alpuai
41	Kangala	0	0	0.482	Katcha	700	TMA Alpuai
42	Shawoo	0	0	0.302	Katcha	600	TMA Alpuai
43	Shawoo	0	0	0.392	Katcha	500	TMA Alpuai
44	Janigat	0	0	0.143	Katcha	600	TMA Alpuai
45	Billa	0	0	0.143	Katcha	500	TMA Alpuai

46	Karshat	0	0	0.143	Katcha	600	TMA Alpuai
47	Sharoon	0	0	0.143	Katcha	500	TMA Alpuai
48	Chitay	0	0	0.143	Katcha	400	TMA Alpuai
49	Narai	0	0	4.720	Katcha	1000	TMA Alpuai
50	Soray Cham	0	0	0.302	Katcha	700	TMA Alpuai
	TOTAL	191.1	100.6	42.454		38000	

TMA RUADS
PURAN DISTRICT SHANGLA

Ser	Name of road	Total / Damaged length (KM)		Estimated Cost	Proposed formation B/T width (m)	Scope of work	Population served	Implementing agency
		Total length	Damage length					
1.	Shakolai road	11KM	7 km	43,77,000/-	Shingle	Road	1900	TMA Puran
2.	Kadona Merjalai	13KM	3.536	22,11,000/-	Shingle	Road	2150	TMA Puran
3.	Peecha Sanam road	4KM	0.769	4,80,600/-	Shingle	Road	1290	TMA Puran
4.	Changum Valley Road	5KM	0.8557	5,35,000/-	Shingle	Road	1370	TMA Puran
5.	Bengalai Asharkot road	7KM	2.009	1,256,000/-	Shingle	Road	1090	TMA Puran
6.	Teeraj road	10KM	1.3386	8,37,000/-	Shingle	Road	2100	TMA Puran
7.	Pishlor road	17KM	4.5932	28,72,000/-	Shingle	Road	1965	TMA Puran
8.	Dokor Enwar road	5KM	1.42336	8,90,000/-	Shingle	Road	3020	TMA Puran
9.	Kankar Mandoria road	5KM	1.70803	10,68,000/-	Shingle	Road	1926	TMA Puran
10.	Ismail Khel Shati Dara road	4KM	0.1178	7,37,000/-	Shingle	Road	1480	TMA Puran
11.	Alagram road	11KM	0.60133	3,76,000/-	Shingle	Road	1095	TMA Puran
12.	Twa Ashrkot road	5KM	0.244	1,52,000/-	Shingle	Road	2255	TMA Puran
13.	Twa Koo road	2KM	0.244	1,5,2000/-	Shingle	Road	1784	TMA Puran
14.	Makozai Kuz Paw road	7KM	3.5376	22,12,000/-	Shingle	Road	4526	TMA Puran
15.	Bagyar road	11KM	4.3629	27,28,000/-	Shingle	Road	2340	TMA Puran
16.	Baina road	3KM	0.8557	5,35,000/-	Shingle	Road	1246	TMA Puran
17.	Ashro Sar road	4KM	1.709	10,68,000/-	Shingle	Road	925	TMA Puran
18.	Mackandal road	1KM	0.1398	8,74,00/-	Shingle	Road	875	TMA Puran
19.	Piskand road	12KM	1.709	1,068,000/-	Shingle	Road	1985	TMA Puran
	Total			23,642,000			35322	

TMA ROADS
PATTAN DISTRICT KOHISTAN

Ser	Name of road	Total / Damaged length (KM)		Estimated Cost	Existing formation B/T (m)	Proposed formation B/T width (m)	Scope of work	Implementing agency
		Total length	Damage length					
1	KKH - Kandowo Bankand	8	6	1.000	-	-	Shingle	TMA Pattan
2	KKH - Bhaurono Bankand	7	4	0.800	-	-	"	"
		15	10	1.800	-	-	-	-

TMA ROADS
PALAS DISTRICT KOHISTAN

Ser	Name of road	Total length		Estimated	Existing formation/	Proposed formation /black topped width (m)	Scope of work	Population served	Implementing agency
		Damaged length (KM)		Cost	topped width (m)				
		Total length	Damage length						
1	Ghazi Abad	15	10	1.000	-	-	Kacha	800	TMA Palas
2	Salah Abad	9	5	0.500	-	-	"	600	"
3	Shalkan Abad	11	9	1.000	-	-	"	800	"
4	Batal Road	18	17	2.000	-	-	"	800	"
5	Karat to Sheryal Nala	55	45	100.000	-	-	Black Topped	50000	"
6	Suspension Bridge Batera	0	0	15.000	-	-	NA	12000	"
7	Suspension Bridge Shelkan Abad	0	0	15.000	-	-	NA	15000	"
	TOTAL		86	134.500					

TMA ROADS
DASSU DISTRICT KOHISTAN

Ser	Name of road	Total / Damaged length (KM)		Estimated Cost	Scope of work	Population served	Implementing agency
		Total length	Damage length				
1	Road Kamila Bazan - TMA office	9	6	0.905	Shingle	-	TMA Dassu
2	Road Kamila Bazan - Moulvi Gulsher Kamila	6	3	0.050	"	-	"
3	Road Seri Gayal	5	5	0.200	"	-	"
4	Road Rajkot	4	2	0.030	"	-	"
5	Road Dong Karang	8	5	0.304	"	-	"
6	Road Chiragh Abad	7	6	0.443	"	-	"
7	Road Chour Gah	9	5	0.366	"	-	"
8	Road Soo	8	6	0.780	"	-	"
9	Road Chochang	9	7	0.820	"	-	"
10	Road Shall	10	6	0.834	"	-	"
11	Road Mohallah Sakhi Abad Dassu	6	5	0.388	"	-	"
	TOTAL		56	5.120			

WORKS & SERVICES DEPARTMENT ROADS
DISTRICT ABBOTTABAD.

Ser	Name of Road	Total / damaged length (Km)	Estimate cost Rs(M)	Existing Formation/black topped width(m)	Proposed for mation/black topped width(m)	Scope of work	Justification with reference to Earthquake.
CATEGORY-I							
PACKAGE-I							
1.	Abbottabad Sherwan Road	34/25	40.00	7.30-8/3. 65	7.30-8/3. 65	Structure/Road surface repair.	Need urgent repair/ rehabilitation.
2.	Mandian Banda Ali Khan Road	11/2	1.984	7.30-8/3. 65	7.30-8/3.65	Structure/ Road surface repair.	-do-
3.	Serai Niamat Khan Road.	9/4	8.000	7.3/3.65	7.3/3.65	R/Wall, X-Drainage, B/Wall, Slides Road Surface repair, Drains.	-do-
4.	Dhobian Barseen Road.	3/2	3.000	7.30/3. 65	7.308/3.65	R/Wall, X-Drainage, B/Wall, Slides Road Surface repair, Drains	-do-
5.	Takia Kholora Pindgali Beer road with link toBandi Nikra road.	25/12	10.000	7.3/3,65	7.3/3.65	Surface Repair, R/Walls, Drains etc	-do-
6.	Sobangali-Banasri with link to Kassaki	8/6	10.00	5-6/3 B-T , 1 KM Shingle 7 KM	5-6/3 B-T , 1 KM Shingle 5 KM	R/Wall, X-Drainage, Slides, Drains, Surface repair.	-do-
7.	Qalanderabad Tarnawai Road	12/7	10.00	7.30-8/Nil B/T = 09-Km Shingle = 03-Km	7.30-8/Nil B/T = 04-Km Shingle = 03-Km	R/Wall, X-Drainage, Slides, Drains, Surface repair.	-do-
8.	Lumba Maira Jhangai Road	4/4	3.500	5.6/3. 65	5.6/3.65	Structure/Surface repair of road.	-do-
9.	Mirpur-Maira Road with link to Habib Ullah Colony.	3/3	6.500	4.5-5.5/3.10	4.5-5.5/3.10	Structure/Surface repair of road.	-do-

	Abbottabad Thandiani Road	25/10	11.50	7.30-8/3. 65	7.30-8/3.65	Repair Work, R/Walls, B/Walls, Road Surface repair.	-do-
10.	Dalola Hadora Bandi Road	12/10	10.50	7.30-8/3. 65	7.30-8/3.65	R/Wall, X-Drainage, B/Wall, Slides Road Surface repair, Drains	Need urgent repair/ rehabilitation
11.	Lassan Thakral to Kanger Payeen via Chamati.	09/05	9.000	7.30/3.65	7.30/3.65	R/Wall, X-Drainage, Road Surface, B/Wall, Slides, Drains	-do-
12.	Boi Sathal Marhais road.	10/6	8.000	5-6/Shingle	5-6/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
13.	Boi Chack road.	8/6	8.500	5/ Shingle	5 /Shingle	R/Walls, X-Drainage, Slides etc.	-do-
PACKAGE-I TOTAL		173/102	140.484				
Package-II							
14.	Harno - Sarbana Road	3/3	15.00	5-7.3/3.65 B/T= 3Km	5-7.30/3.65 B/T= 3Km	R/Wall, Road surface repair, B/Wall & Slides.	-do-
15.	Bagnotor Namli Miara Road	18/15	18.00	7.30-8/3. 65	7.30-8/3. 65	R/Wall, X-Drainage, B/Walls, Slides Road Surface repair, Drain.	-do-
16.	Baragali Kasala Road	12/7	15.00	5-5.5/3.65 B/T = 2Km Shingle road= 10Km.	5-5.5/3.65 B/T = Nil Shingle road= 07Km.	R/Wall, X-Drainage, B/Walls, Slides Drain.	-do-
17.	Gahia Kutli Road.	5/3	4.00	4-4.5/ Shingle	4-5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
18.	Narrian to Aziz Bang i/c with Link to Maira Aziz Bang.	4/3	3.00	4-4.5/ Shingle	4-4.5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
19.	Beerangali to Banjgali.	3/2	1.500	4-4.5/ Shingle	4-4.5/ Shingle	R/Wall, X-Drainage, Slides,	-do-

						Drains	
20.	Malsa Jandar Bari Road.	03/02	4.000	4-4.5/ Shingle	4-4.5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
21.	Harian to Dakh Doga Road.	03/03	6.000	5-6/ Shingle	5-6/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
22.	Kundla Pasala Road.	01/01	3.000	5.5/ Shingle	5.5 /Shingle	R/Wall, X- Drainage, Slides B/Walls, Drain.	-do-
Total		52/39	69.50				
PACKAGE-III							
23.	Phullan-Wali-Kanyal Road	22/15	28.00	7.30-8/3. 65	7.30-8/3. 65	R/Wall, X- Drainage, Slides B/Walls, Road Surface repair, Drain.	-do-
24.	Takia Sheikhan Cher Road	19/11	23.25	7.30-8/3. 65	7.30-8/3. 65	Road Surface, slides, R/Wall X- Drainage, Drain.	Need urgent repair/ rehabilitation.
25.	Ghambeer Rakhala Road U/C Lora.	05/03	4.500	4-5/ Shingle	4-5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
26.	Dewal Manal to Nara Chack Hall road.	13/11	15.00	5-6/3 B.T = 5Km Shingle = 8Km	5-6/3 B.T = 3Km Shingle = 8Km	R/Wall, X- Drainage, Slides, Drains, road surface repair.	-do-
27.	Cher Hill Karmati Road.	06/04	5.000	4.5/ Shingle	4.5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
28.	Rajoya Road.	05/03	8.000	4.5/3.65	4.5/3.65	R/Wall/Gabbion Work.	-do-
29.	Mohri Badbhen Chando Maira Road.	06/03	3.000	4.5 /Shingle	4.5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
30.	Batanja to Kasooria Road	04/02	3.00	4.5/ Shingle	4.5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
31.	Nelotha to Batala Road.	03/1.5	2.00	4.5/ Shingle	4.5/ Shingle	R/Wall, X- Drainage, Slides,	-do-

						Drains	
32.	Hirlan to Kanger Hotar Road.	04/02	2.000	4.5/ Shingle	4.5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
33.	Sajikot Ghora Road.	04/04	3.00	5-6/ Shingle	5-6/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
PACKAGE-III TOTAL		91/59.50	96.75				
PACKAGE-IV							
34.	Maira Rehmat Khan Kanthaili Road	22/12	22.00	7.30-8/3.65 B/T= 7 Km Shingle = 15 Km	7.30-8/3.65 B/T= 0 Km Shingle road = 12 Km	R/Wall, Road Surface, X- Drainage, Slides, B/Walls, Slides, Drain.	-do-
35.	Thandiani-Pattan Khurd Road including bridge	45/30	35.00	7.30-8/3.65	7.30-8/3.65	R/Wall, X- Drainage, B/Walls, Slides, Road Surface repair, Drain.	-do-
36.	Kotera Salol Bandi Road	2.5/2	2.50	5-6/ Shingle	5-6/ Shingle	R/Wall, X- Drainage, Slides, Drain etc.	-do-
37.	Thandiani Khokriala Darair Road	12/09	10.50	5-6/3.00 B/T= 3 Km Shingle road = 9 Km.	5-6/3.00 B/T= 3 Km Shingle road = 6 Km.	R/Wall, X- Drainage, B/Walls, Slides Road Surface repair, Drain.	-do-
38.	Danna Road.	2/2	6.000	5-6/3. 65	5.6/3.65	R/Wall, X- Drainage, B/Wall, Slides Road Surface repair, Drains	-do-
39.	Maira Rehmat Khan.	3/2	6.000	5-6/3.65	5-6/3.65	R/Wall, X- Drainage, B/Wall, Slides, Drains	-do-
40.	Pather Gali to Riali road.	03/02	4.000	4-5/ Shingle	4-5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
41.	Maseena Batangi road	04/03	6.00	4-5/ Shingle	4-5/ Shingle	R/Wall,X- Drainage, Slides,Drains,Ro ad surface.	-do-

PACKAGE-IV TOTAL		93.50/62	92.00				
PACKAGE-V							
42.	Nathaia galli Bakot Road	15/12	16.00	7.30-8/3.65	7.30-8/3.65	X-Drainage, B/Walls, Slides Road Surface repair, Drain.	Need urgent repair/ rehabilitation.
43.	Kohala Moolia Nammal Road	21/16	30.00	7.30-8/3.65	7.30-8/3.65	X-Drainage, B/Walls, Slides Road Surface repair, Drain.	-do-
44.	Treech to Nakhtiar langloot Road	6/3	2.00	3-4/Shingle	3-4/ Shingle	X-Drainage, B/Walls, Slides, Drain.	-do-
45.	Namli Gali Khun Kalan Ali Abad road including link road Moolia.	16/12	10.00	7.30-8/ Shingle	7.30-8/ Shingle	R/Wall, X-Drainage, B/Walls, Slides, Drain.	-do-
46.	Khanispur Riala Road	7/5	15.00	7.30-8/3.65	7.30-8/3.65	R/Wall, X-Drainage, B/Walls, Slides, Road surface repair, Drain.	-do-
47.	Hatrari Road.	2/2	10.00	5-6/3.65	5-6/3.65	R/Wall, X-Drainage, B/Walls, Slides Road Surface repair, Drain.	-do-
48.	Ziarat Masoon Nagri Totial via to Marri Road	8/4	3.00	5-6/Shingle	5-6/ Shingle	R/Wall, X-Drainage, B/Walls, Slides, Drain.	-do-
49.	Swargali Khushikot road.	05/02	5.00	7.3-8/3.65	7.3-8/3.65	R/Wall, X-Drainage, B/Walls, Slides, Drain, Road surface repair.	-do-
50.	Swargali Seer road.	5/3	10.00	7.30-8/3.65	7.30-8/3.65	R/Wall, X-Drainage, B/Walls, Slides Road, Drain.	-do-
51.	Lora Malmoola road.	7/7	5.00	7.30-8/3.65	7.30-8/3.65	R/Wall, X-Drainage,	-do-

						B/Walls, Slides Road, Drain, road surface repair.	
52.	Barrian Kalkot Road.	05/05	5.00	6-7/3.65	6-7/3.65	R/Wall, X- Drainage, B/Walls, Slides, Drain, road surface repair..	-do-
53.	Thalla Nammal Road	4/3	1.5	3-4.5/ Shingle	3-4.5/ Shingle	R/Wall, X- Drainage, B/Walls, Slides Drain.	-do-
54.	Majute-Beri Bagla	10/06	2.50	3-4.5/ Shingle	3-4.5/ Shingle	R/Wall, X- Drainage, B/Walls, Slides Drain.	-do-
55.	Payeen Tarhatti Road	3/2	1.5	3-4.5/ Shingle	3-4.5/ Shingle	R/Wall, X- Drainage, B/Walls, Slides Drain.	-do-
56.	Trech Majohan Road	5/3	2.00	3-4.5/ Shingle	3-4.5/ Shingle	R/Wall, X- Drainage, B/Walls, Slides Drain.	-do-
57.	Maira Roomal Road.	3/2	4.00	6/ Shingle	6/ Shingle	R/Wall, X- Drainage, B/Walls, Slides Drain.	-do-
58.	Nowshera Tupla road.	05/03	10.00	4-5/ Shingle	4-5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
59.	Jalsi Tupla road.	03/02	5.000	4-5 Shingle	4-5/ Shingle	R/Wall, X- Drainage, Slides, Drains	Need urgent repair/ rehabilitation
60.	Sajjangali Baggan road.	03/2.5	8.00	4-5/ Shingle	4-5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
61.	Tajwal to Danna Road.	02/1.5	4.000	4-5/ Shingle	4-5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
62.	Khoi Dawata road	04/03	3.000	4-5/ Shingle	4-6/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-

63.	Kuliati to Chalotia	02/02	2.000	4/ Shingle	4/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
64.	Kanair Kass to Kohala.	04/04	22.00	7.3-8/ 3.65	7.3-8/3.65	R/Wall, X- Drainage, Slides, Drains, road surface repair.	-do-
65.	Moolia Kalaban road.	05/04	10.00	4-5/ Shingle	4-5/ Shingle	R/Wall, X- Drainage, Slides, Drains	-do-
PACKAGE-V TOTAL		150/105	186.50				
PACKAGE VI							
66.	Abbottabad Link Road.	5.17/5.17	8.500	7/7	7/7	Road Surface Repair, R/Walls, Drains etc	-do-
67.	Circular Road.	1.52/1.52	2.500	7/7	7/7	Road Surface Repair, R/Walls, Drains etc	-do-
68.	Commissioner House road	0.50/0.50	0.500	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
69.	Old Deputy Commissioner House approach Road.	0.45/0.45	0.380	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
70.	District Court Road.	0.39/0.39	0.350	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
71.	Old XEN Building Office Road.	0.340/0.340	0.330	3.65/3.65	3.65/3.65	Surface Repair, R/Walls, Drains etc	-do-
72.	Old XEN Highway Office Road.	0.170/0.170	0.200	3.65/3.65	3.65/3.65	Surface Repair, R/Walls, Drains etc	-do-
73.	Frontier House Road.	2.66/2.66	2.500	7.3/3.65	7.3/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
74.	Guest House Road.	0.22/0.22	0.300	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
75.	Kutwali Road.	1.52/1.52	2.500	7.3/7.30	7.3/7.3	Road Surface Repair, R/Walls, Drains etc	-do-

76.	Police Link Road.	0.34/0.34	0.330	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
77.	Session House Road.	1.82/1.82	1.500	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
78.	Old Circle Office Road.	0.52/0.52	0.500	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
79.	Jab Jhangi Road.	2.24/2.24	2.30	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	Need urgent repair/rehabilitation.
80.	PMA to Nawanshehr Road	3.20/3.20	3.300	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
81.	Nawanshehr Link Road.	1.30/1.30	1.500	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
82.	Jinnah Road.	1.20/1.20	2.300	7.3/7.3	7.3/7.3	Road Surface Repair, R/Walls, Drains etc	-do-
83.	DIG House road.	0.20/0.20	0.300	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
84.	Terhana Malhar road. U/C Baldhri.	02/02	1.50	5-6/3.65	5-6/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
85.	KKH to Karak Maira via Mairamuzaffar Road.	5/3	10.00	5-6/ 3.65	5-6/ 3.65	Road Surface Repair, R/Walls, Drains etc	-do-
PACKAGE-VI TOTAL		30.76/28.76	41.59				
Grand Total (I.....VI)		590.26/396.2	626.824				
		5					

CATEGORY-II = NIL							
CATEGORY-III							
86.	Kutaila Richbhen Road	33/27	120.00	7.30-8/3.65 B/T = 6 Km Shingle = 27 Km	7.30-8/3.65 B/T = 27 Km	Black topping, R/Walls, X- Drainage. Drain, slides. etc.	Need urgent repair/ rehabilitation.
87.	Karlan Bagh Road	8/8	35.00	7.30-8/ Shingle Shingle = 8 Km	7.30-8/3.65 B/T = 8 Km	-do-	-do-
88.	Rehabilitation of Karlian Seeri Road (Old Bagnetar Road)	1.80/1.80	7.00	5-6/ Shingle Shingle = 1.80 Km	5-6/3.65 B/T = 1.80 Km	-do-	-do-
89.	Seer Malmoola Lora road via Nagri Total.	16/16	70.00	7.30-8/ Shingle Shingle = 16Km.	7.30-8/3.65 B/T = 16 Km.	Black topping, R/Walls, X- Drainage. Drain, slides. etc	Need urgent repair/ rehabilitation.
90.	Khushikot to lahoor.	31/26	104.00	7.30-8/ Shingle Shingle = 31Km.	7.30-8/3.65 B/T = 26 Km.	-do-	-do-
91.	Batnara link road.	4/4	20.00	6-7/ Shingle Shingle = 4Km.	6-7/3.65 B/T = 4 Km.	-do-	-do-
92.	Bakot Sangrari road.	4/4	16.00	5-6/ Shingle Shingle= 4Km.	5-6/3.65 B/T = 4 Km.	-do-	-do-
93.	Haro Kass Summa Garga road.	6/6	24.00	5-6/Shingle Shingle = 6Km.	5-6/3.65 B/T = 6 Km.	-do-	-do-
94.	Cher Sajjangali road.	25/25	100.00	7.3-8/ Shingle Shingle road= 25Km.	6-7/3.65 B/T = 25 Km.	-do-	-do-
95.	Sajjikot Satora Jabri road.	33/31.50	126.00	6-7/ Shingle B/T = 1.50 Km. Shingle = 31.50Km.	6-7/3.65 B/T = 31.50Km.	-do-	-do-
96.	Tatjal Kassala Cher road.	7/7	28.00	5-6/ Shingle Shingle= 7Km.	5-6/3.65 B/T = 7 Km.	-do-	-do-
97.	Chiiti Mitti to Malsa Gali road.	5/5	25.00	5-6/ Shingle Shingle = 5Km.	5-6/3.65 B/T = 5 Km.	-do-	-do-
98.	Bara Hotar to Malsa road.	6/6	40.00	7.30-8/ Shingle Shingle = 6Km.	7.3-8/3.65 B/T = 6 Km.	-do-	-do-

99.	Dharna to Ghora Bazgrain road.	5/3	12.00	5-6/ Shingle B/T = 2 Km. Shingle = 3Km.	5-6/3.65 B/T = 3 Km.	-do-	-do-
100.	Sobangali to Banjgali road.	2/2	6..00	5-6/ Shingle Shingle = 2Km.	5-6/3.65 B/T = 2 Km.	-do-	-do-
101.	Namli Gali to Khun Kalan.	5.50/5.50	25.00	7.30-8/ Shingle Shingle = 5.50Km.	7.3-8/3.65 B/T = 5.50 Km.	-do-	-do-
102.	Hotar Kassi to Chattri Khurd Road i/c Bridge.	02/02	10.00	5-6/ Shingle Shingle = 2Km.	5-6/3.65 B/T = 2 Km.	-do-	-do-
103.	Ayub Bridge to Mala Wazirain road.	04/04	17.00	5-6/ Shingle Shingle = 4Km.	5-6/3.65 B/T = 4 Km.	-do-	-do-
104.	Danna Goreeni road.	09/09	40.00	5-6/ Shingle Shingle = 9Km.	5-6/3.65 B/T = 9 Km.	-do-	-do-
105.	Kanthiali Marhais road.	2/2	8.00	4-5/Shingle	4-5/3.65	Black topping, R/Walls, X- Drainage. Drain, slides. etc.	Need urgent repair/ rehabilitation.
106.	Bridge on Thandiani Pattan Khurd road.in Km45.	90 meter span	27.00	-	-	Construction of new Rcc Bridge.	Existing suspension Bridge damaged badly and would be replaced with RCC Bridge.
107.	Banda Pir Khan to Bani	3/3	15.000	7/ Shingle	7/3.65	Black topping, R/Walls X- Drainage, B/walls, Drain, Slides etc.	Need Urgent repair/Rehabilitat ion
108.	Beer to Nabi-da-Banda	3/3	15.000	5/ Shingle	5/3.65	-do-	-do-
109.	Saji Kot to Mast Maira Via Chirian De Mohri.	2 /2	10.000	5/ Shingle	5/3.65	-do-	-do-
110.	Baldheri Road	2 /	10.000	4/ Shingle	4/3.65 (m)	-do-	do-
111.	Salhad dara Road	3 /3	15.000	5/ Shingle	5/3.65 (m)	-do-	do-

112.	Banda Battang via Banda Qazi road.	3 /3	9.000	5/ Shingle	5/3.65 (m)	-do-	do
113.	Banda Ali Khan to Karrak Maira road.	2 /2	6.000	5/ Shingle	5/3.65 (m)	-do-	do
114.	Mirpur to Kakul via Maira	5 /5	20.000	5/ Shingle	5/3.65 (m)	-do-	do
115.	Dobathar Road.	2 /2	6.000	6/ Shingle	6/3.65 (m)	-do-	do
116.	Mangal to Almaira road.	3 /	6.600	6/ Shingle	6/3.65 (m)	-do-	do
117.	Sajjikot to Almaira road.	2 /2	4.400	5/ Shingle	5/3.65 (m)	-do-	do
118.	Kalidar Road.	5 /5	25.000	5/ Shingle	5/3.65 (m)	-do-	do
119.	Sheikhulbandi link road.	3 /3	9.000	5/ Shingle	5/3.65 (m)	-do-	do
120.	Mian De Seri KKH to Mohri road.	2.5/2.5	12.500	6/ Shingle	6/3.65 (m)	-do-	do
121.	Mirpur Mosa Zai road.	1/1	2.500	6/ Shingle	6/3.65 (m)	-do-	do
122.	Mirpur Link road.	2 /2	5.000	5/ Shingle	5/3.65 (m)	-do-	do
123.	Mosay De Hatti to Shamer-da- Tarhana road.	4 /4	20.000	6/ Shingle	6/3.65 (m)	-do-	do
124.	KKH to Lalazar Colony Road	1 /1	3.000	5/ Shingle	5/3.65 (m)	-do-	do
125.	Karimabad to Saygali Road.	1.5 /1.5	7.5000	5/ Shingle	5/3.65 (m)	-do-	do
126.	Murdapattian to Jabbar. .	1/1	5.000	6/ Shingle	6/3.65 (m)	-do-	do
127.	Lunda to Loon pattian.	1.5/1.5	7.500	6/ Shingle	6/3.65 (m)	Black topping, R/Walls, X- Drainage. Drain, slides. etc.	Need urgent repair/ rehabilitation.
128.	Maira Mandroach to Danna road.	6/6	30.000	5/ Shingle	5/3.65 (m)	-do-	do
129.	Narrian Link road.	1/1	3.000	5/ Shingle	5/3.65 (m)	-do-	do
130.	Lumbi Dheri road.	1/1	3.000	5/ Shingle	5/3.65 (m)	-do-	do
131.	Sheikh Dheri Uchar road,	1/1	2.500	5/ Shingle	5/3.65 (m)	-do-	do

132.	Kakul Malach road.	1.5/1.5	5.000	4/ Shingle	4/3.65 (m)	-do-	do
133.	Dheri Choona Kari road.	1/1	2.500	5/ Shingle	5/3.65 (m)	-do-	do
134.	Tarkanna Road.	1/1	2.500	4/ Shingle	4/3.65 (m)	-do-	do
135.	Thanda Choa Ilyasi road.	1/1	3.000	4/ Shingle	4/3.65 (m)	-do-	do
136.	Nawansher (Harri Wali Chowki) road.	1/1	3.000	4/ Shingle	4/3.65 (m)	-do-	do
137.	Ghumawan road.	1/1	2.500	4/ Shingle	4/3.65 (m)	-do-	do
138.	Pattan Khurd Boi road.	7/7	35.000	4/ Shingle	4/3.65 (m)	-do-	do
139.	Seri Dheri to Boi.	7/7	40.000	5/ Shingle	5/3.65 (m)	-do-	do
140.	Qalandarabad to Sajjikote.	2/2	6.000	5/ Shingle	5/3.65 (m)	-do-	do
141.	Banda Pir Khan Road.	2/2	5.000	6/ Shingle	6/3.65 (m)	-do-	do
142.	Jhangi Mohri road.	2/2	6.000	4/ Shingle	4/3.65 (m)	-do-	do
143.	Old Medical College Chowk to Basti Lal Khan.	3/3	7.500	4/ Shingle	4/3.65 (m)	-do-	do
144.	Data to Kaloo De Bandi, Chakiar via Kalidher & Kalidher Bala	8/8	40.00	4/ Shingle	4/3.65 (m)	-do-	do
145.	Zafar Market to Jabber via Terhana Ghariban & Tarhana Bala	8/8	42.00	4/ Shingle	4/3.65 (m)	-do-	do
146.	Qalandarabad to Gojri with link to Mast Maira.	4/4	16.00	5/ Shingle	5/3.65 (m)	Black topping, R/Walls, X-Drainage. Drain, slides. etc.	Need urgent repair/ rehabilitation.
147.	Mangal to Rian Da Maira with link to Pathhi Dam Maira via Nikka Pani	5/5	25.00	5/ Shingle	5/3.65 (m)	-do-	do
148.	Frontier House to Boi-di- Gali Via Dobather.	6/6	30.00	5/ Shingle	5/3.65 (m)	-do-	do

149.	Thathi Ahmed Khan to Bairi Nechan with link to Kharpair	6/6	30.00	5/ Shingle	5/3.65 (m)	-do-	do
150.	Mangal to Hallmaira Zerrin	6/6	35.00	4/ Shingle	4/3.65 (m)	-do-	do
151.	Kuthiala Galli to Chairha via Missar UC Chamed.	1.5/1.5	10.00	5/ Shingle	5/3.65 (m)	-do-	-do-
152.	Danna to Maira Rehmat Khan Road.	05/05	25.00	4/ Shingle	4/3.65 (m)	-do-	-do-
153.	Narrian road	3/3	7.500	4/ Shingle	4/3.65	-do-	-do-
154.	Link road Sirla Khurd.	2/2	9.000	5/ Shingle	5/3,65	-do-	-do-
155.	PCC Road Mir Alam Town Abbottaabad.	01/01	3.00	4/ Shingle	4/3.65	PCC work	-do-
G. Total Category -III		355.80/311.30	1503.00				
CATEGORY-V							
156.	Pathergali- Boi road..	13/13	78.00	4-5/ Shingle	7.30-8/3.65	Widening & Black topping, R/Walls, X- Drainage. Drain, slides. etc.	Need urgent repair/ rehabilitation.
157.	Herlan to Satora road.	3/3	18.00	4.5-5/ Shingle	7.30-8/3.65	-do-	-do-
TOTAL CATEGORY – V		16/13	96.00				

WORKS & SERVICES DEPARTMENT BRIDGES
DISTRICT ABBOTTABAD.

CATEGORY-IV							
1.	Domail Bridge	30 m	9.00	-	-	Construction of new Bridge.	Road were constructed but peoples face great hardship in absence of bridges. Several innocent peoples loose their lives. Construction of these bridges are need of hour and would play vital role in the development of communication sector.
2	Bagan Tajwal Bridge	30 m	9.00	-	-	-do-	
3	Bridge on Namli Maira road.	20 m	6.00	-	-	-do-	
	Bridge on Kohala Moolia road	60 m	18.00	-	-	-do-	
5	Bridge on Boi Batangi Road.	30 m	3.29	-	-	Sub structure only will required (DFID FUNDED)	
	Bridge on lalgah road.	30 m	9.00	-	-	Construction of new Bridge	
7	Bridge on lunda katha Thandiani road.	30 m	9.00	-	-	-do-	
8	Bridge on Ternawai Katha.	20 m	6.00	-	-	-do-	
9	Bridge at Swargali Lahoor road. at KM 29.	25 m	3.00	-	-	Sub structure only will required (DFID FUNDED)	
	TOTAL Category-IV	280 m	72.29				
G.TOTAL CATEGORY (I-V)		962.06/720.55	2298.114				

WORKS & SERVICES DEPARTMENT ROADS
DISTRICT MANSEHRA

Package	Name of Road	Total Length/ Damage d Length (Km)	Estimate cost Rs(M)	Existing Formation /black topped width(m)	Proposed formation/black topped width(m)	Scope of work
CATEGORY –I						
Package -1						
1.	Gulderi Bissain Road	7/7	18.221	7.31/3.65	7.31/3.65	Retaining structure/X- Drainage E/Works & Black topping .
2.	Garhi Habibullah Shaheed Gali Road	6/6	12.100	4.5-7/shingle	4.5-7/shingle	Retaining structure/X- Drainage E/Works.).
3.	Shohal Mazullah Jabri Allari Road 14 km	14/14	41.500	4.5/ Shingle	4.5/shingle	Retaining structure/X- Drainage & E/Works..
Total Package -1		27/27	71.821			
Package -2						
4.	Attershisha-Garhi Habibullah Road (km 1 to 15)	15/15	66.876	7.31/4.2	7.31/4.2	Retaining structure/X- Drainage E/Works & Black topping.
Total Package -2		15/15	66.876			
Package -3						
6	Paras-Baila Kund Road(km 1 to 17)	17/17	51.200	4.5/Shingle	4.5 /shingle	Retaining structure/X- Drainage E/Works.
Total Package -3		17/17	51.200			
Package -4						
7.	Balakot Bhangian Road	5/5	15.700	4.5/Shingle	4.5 /shingle	Retaining structure/X- Drainage E/Works ..
8.	Hassa Kanshian Road 12 km	12/12	32.000	4.5/shingle	4.5/ shingle	Retaining structure/X- Drainage E/Works ..
9.	Balakot Hangrai Road 17	17/15	28.000	7.31/3.65	7.31/3.65	Retaining structure/X- Drainage E/Works & Black topping.
		34/32	75.700			

Total Package 4						
Package -5						
10	Fareed Abad Bonja Road (10 km)	10/10	32.00	4.5/ 3.65 B/T=4 km Shingle=6 km	4.5/ 3 B.T=4 km Shingle=6 km	Retaining structure/X-Drainage E/Works , Black Topping..
11	Kawai Shunga Road	5/5	25.000	4.5/3.65 B.T=2 km Shingle=3 km	4.5/3.65 B.T=2 km Shingle=3 km	Retaining structure/X-Drainage E/Works , Black Topping
Total Package 5		15/15	57.000			
Package -6						
12	MNJ Sangar Gohar Bandi Road	7/7	30.000	4.5/3.65 B/T=3km shingle =4km	4.5 /3.65 B/T=3 km shingle=4 km	Retaining structure/X-Drainage E/Works ,Black topping.
13	Pattan Des Road 15 km	15/15	30.00	4.5/ shingle	4.5/ shingle	Retaining structure/X-Drainage E/Works
Total Package -6		22/22	60.000			
Package 7						
14	Shinkiyari Nawaz abad Road	27/27	148.140	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
Total Package 7		27/27	148.14			
Package 8						
15	Battal Sathan Gali Road i/c Bridge	22/22	95.197	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
Total Package 8		22/22	95.197			
Package 9						
16	Nawaz abad Devli Road	7.5/7.5	47.615	7.31/ 3.65	7.31/3.65	Retaining structure/X-Drainage Black topping..
17	Jabbar Chungari Road	7/7	16.000	6/shingle	6 shingle	Retaining structure/X-Drainage .
Total Package 9		14.5/14.5	63.615			
Package 10						
18	Bajna Ichrian Road	6/6	27.000	7.31/ 3.65	7.31 /3.65	Retaining structure/X-Drainage Black topping..
19	Shahalia Chowke to Mangloor	9/9	32.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage Black topping..
20	Shoukat Abad To Tatar/Panialy Road	4/4	18.000	7.31/ 3.65	7.31 / 3.65	Retaining structure/X-Drainage Black topping..

Total Package 10		19/19	77.000			
Package 11						
21	Khaki Lissan Nawab road	25/25	90.000	7.31/3.65	7.31/ 3.65	Retaining structure/X- Drainage Black topping..
Total Package 11		25/25	90.000			
Package 12						
22	Mansehra Oghi Road(km 1 to 32)	32/32	195.617	10/6.1	10/6.1	Retaining structure/X- Drainage Black topping.
Total Package 12		32/32	195.617			
Package 13						
23	Oghi Battagram Road. (14 km)	14/14	85.996	7.31/3.65	7.31/3.65	Retaining structure/X- Drainage E/Works & Black topping.
Total Package 13		14/14	85.996			
Total Packages (1-13)		281.5	1138.162			
24.	Oghi Darband Road	35/35	105.000	7.31/3.65	7.31/3.65	
25.	Darband Thakot Road	44/44	132.000	5-shingle	5 -shingle	Retaining structure/X- Drainage E/Works
26.	Oghi Ahl Road	22/22	26.000	7.31/3.65	7.31/3.65	Retaining structure/X- Drainage E/Works & Black topping.
27.	Chansair chamal Karori Road	18/18	18.000	7.31/3.65	7.31/3.65	Retaining structure/X- Drainage E/Works & Black topping.
28.	Khaith Serash Jabbar Baggar Road	18/18	60.000	5-3.65-B/T=5 km shingle=13	5-3.65-B/T=5 km shingle=13	Retaining structure/X- Drainage E/Works & Black topping .
29.	Ghanool Paprang Road	8/8	33.000	5-3.65-B/T=5 km shingle=3 km	5-3.65-B/T=5 km shingle=3 km	Retaining structure/X- Drainage E/Works. & Black Topping
30.	MNJ Ghanool Gran Thawan Road (4 km)	4/4	11.000	5-3.65-B/T=2 km shingle=2 km	5-3.65-B/T=2 km shingle=2 km	Retaining structure/X- Drainage E/Works. & Black Topping
31.	Noori Chitta Par Road (8 km)	8/8	32.000	5 -3.65-B/T=4 km shingle =4 km	5 -3.65-B/T=4 km shingle =4 km	Retaining structure/X- Drainage E/Works & Black topping.
32.						
33.	Paras Suan Road	'8/8	24.000	5 -3.65- shingle =8 km	5 -3.65- shingle =8 km	Retaining structure/X- Drainage E/Works.
	Talhatta Surwai Road (4 km)	4/4	11.000	5-3.65-B.T=2 km	5-3.65-B.T=2	Retaining structure/X-

				shingle= 2 km	km shingle= 2 km	Drainage E/Works & Black topping.
34.	Kashtra Sugdar Road with Link to Las pattian	10/10	40.000	5-3.65-B/T=5 km shingle =5 km	5-3.65-B/T=5 km shingle =5 km	Retaining structure/X-Drainage E/Works & Black topping.
35.	Dheri Narah Batsangra Road	12/12	45.000	5 -3.65-B/T=5 km shingle =7 km	5 -3.65-B/T=5 km shingle=7 km	Retaining structure/X-Drainage E/Works & Black topping.
36.	Chakia Narbeer Road	6/6	18.000	7.31 -3.65-B/T=6 km	7.31 -3.65-B/T=6 km	Retaining structure/X-Drainage E/Works & Black topping.
37.	Link Road Mansehra Safaida.	5/5	15.000	7.31 -3.65-B/T=5 km	7 -3.65-B/T=5 km	Retaining structure/X-Drainage E/Works & Black topping.
38.	Link Road Khushala.	2/2	8.000	5.48-3.65	5.48-3.65	Retaining structure/X-Drainage E/Works & Black topping.
39.	Janglan to Sundar road	3/3	6.000	4.5-Shingle	4.5-Shingle	
40.	Hazara University to Jabba Road	8.5/8.5	32.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
41.	Birkund Nokot Road	5/5	15.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
42.	Hamsherian Timber Khola Road	2/2	18.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
43.	Link Road Bai Bala.	2/2	6.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
44.	Sathan Gali To Kud Bala	2/2	13.000	4.5-shingle	4.5-shingle	
45.	Mansehra Baidra Gojra Baidra Road	16.5/16.5	48.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
46.	Mansehra Ogra Road	2/2	8.000	7.31/3.65	7.31/3.65	Retaining structure/X-

						Drainage E/Works & Black topping.
47.	Maira Amjad Ali Road	6/6	19.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
48.	Sandisar Road	2/2	8.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
49.	Chitta Batta Road	2/2	8.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
50.	Link Road MNJ to Banda Sydan	4/4	16.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
51.	Mansehra Bus Stand to Pano	2.5/2.5	10.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
52.	Link Road Dhodial Banda Peran Road.	3/3	12.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
53.	Link Road Baffa Kulharay.	5/5	21.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
54.	Link Road Khawari Nanoha.	6/6	24.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
55.	Baidra Link road	1.5/1.5	4.500	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
56.	Panialy Road to Babral	4/4	12.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
57.	Nawaz Abad Manda Gucha Road	5/5	15.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
58.	Manda Gucha Jacha Road	3/3	6.000	4.5/shingle	4.5/shingle	Retaining Structure/x-Drainage E/work
59.	K.K.h to Baffa	3.5/3.5	9.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
60.	Bai Bajna Shungli Road	12/12	16.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.

61.	Shergarh to Parhina Road	18/18	42.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
62.	Manchora Bellian Road	5.5/5.5	6.500	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
63.	Darband Haripur Road	22/22	77.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
64.	Machay Sar Road	7/7	24.500	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
65.	Sokal Road	5/5	10.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
66.	Khamari Khamian Namshera Sehra Gali road	12/12	24.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
67.	Chattar Bali Mang road	5/5	25.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
68.	Rug Road	1/1	5.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
69.	Chlundrian Shakot Road	5/5	25.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
70.	Dehran Road	2.5/2.5	10.000	7.31-5.48 -B/T	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
71.	Sungli Bandi to Sari Kohani Road	22/22	44.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
72.	Judbah to Zangai Gitto Road	20/20	40.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
73.	Katley to Phagban Road	18/18	36.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
74.	Tilli Kandow to Tilli Hassan Zai road	4.5/4.5	9.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
75.	Peshora to Bartooni road	20/20	40.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
76.	Chorkalan to Shatal Road	18/18	36.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
77.	Shagai to Yahqoob Hasharai Road	8/8	20.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-

						Drainage E/work
78.	Gavey to Balyani Road	5/5	12.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
79.	Gijbori to Kamaiser	8/8	20.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
80.	Chakal to Gangat Hassan Zai Road	12/12	24.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
81.	Bagrian Road	2.5/2.5	5.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
Total Category I		809/807	2578.162			
CATEGORY -II						
82.	Kap Gali Sandu road	3/3	7.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
83.	Kaghan Maidan road	6/6	15.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
84.	Kaghan Agla Gran Road	1/1	2.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
85.	Parla Gran to Mukhlian Road	5/5	12.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
86.	Rajawal Bridge to Rajwal Village road	1.5/1.5	3.750	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
87.	Khanian to Kamal Ban Road	5/5	12.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
88.	Phagal Road	6/6	15.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
89.	Rajwal to Ratta Chang Road	3/3	7.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
90.	Battakundi Kandora Road	3/3	7.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
91.	Battakndi to Serian Road	4/4	10.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
92.	Shiliwal wala Baila to Bans Road	2/2	5.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
93.	Mano Jabra to Battal Makhan Mori Road	10/10	25.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x- Drainage E/work
Total Category II		49.5/49.5	123.750			
Category III						
94.	Mohandri Manoor Road (16)	16/16	24.000	5-3.65-B.T=8 km shingle = 8 km	5-3.65-B.T=16 km shingle = 0	Retaining structure/X- Drainage E/Works & Black

					km	topping.
95.	Gali Gada Khan Road	4/4	14.000			Black Topping work
96.	Chinar road (Dual Carriag-way	1.5/1.5	22.400	10.95-shingle	10.95-10.95-B/T=1.5	
97.	Bhoraj to Tappi Road	6.5/6.5	26.000	5-shingle	5-3.65 B/T	Black Topping work
98.	Pairan Khair Abad Road	8/8	35.000	5-shingle	5-3.65 B/T	
99.	Bara Ziarat Gali Gada Jalgali Road.	10/10	45.000	5-shingle	5-3.65 B/T	Black Topping work
100.	Link Road Tanda Shinkiari.	1/1	4.000	5-shingle	5-3.65 B/T	
101.	Link Road Mangan Machi Pol Road.	2/2	8.000	5-shingle	5-3.65 B/T	Black Topping work
102.	Link Road Nakot to Baffa Mera Road.	4/4	16.000	5-shingle	5-3.65 B/T	
103.	Link Road Pairan Lunda	2/2	9.000	5-shingle	5-3.65 B/T	Black Topping work
104.	Link Road Darra (Saleem Khan) Laber Kot.	1.25/1.25	4.000	5-shingle	5-3.65 B/T	
105.	Link Road Darra Laber Kot.	3/3	12.000	5-shingle	5-3.65 B/T	Black Topping work
106.	Landai to Khawajghan road	3/3	12.000	5-shingle	5-3.65 B/T	
107.	Phulra Mohar Darband Road	23/23	80.500	5-shingle	5-3.65 B/T	Black Topping work
108.	Chorklan Road	4.5/4.5	12.000	5-shingle	5-3.65 B/T	
109.	Naryala Siri Mehr Gul Thakra road	14/14	42.000	5-shingle	5-3.65 B/T	Black Topping work
110.	Sehrari to Namshehra via Nariala	14/14	42.000	5-shingle	5-3.65 B/T	
111.	Khund Gran Devl Sehra Gali Road	10/10	40.000	5-shingle	5-3.65 B/T	Black Topping work
112.	Karkala Link Road	4/4	16.000	5-shingle	5-3.65 B/T	
113.	Bradar Link Road	2/2	8.000	5-shingle	5-3.65 B/T	Black Topping work
114.	Phalai Bali Mang Road	2/2	8.000	5-shingle	5-3.65 B/T	
115.	Bai Bajna to Kotera Ramkot Road	1.5/1.5	4.500	5-shingle	5-3.65 B/T	Black Topping work
116.	Khaki Shah Baba Ziarat to Safaida Road	5/5	15.000	5-shingle	5-3.65 B/T	
117.	Jawar Phagora Road	3/3	9.000	5-shingle	5-3.65 B/T	Black Topping work
118.	Malkana Neel Batla Road	15/15	45.000	5-shingle	5-3.65 B/T	

119.	Cheen kot Road	3/3	9.000	5-shingle	5-3.65 B/T	Black Topping work
120.	Damdhari Road	1/1	4.000	5-shingle	5-3.65 B/T	
121.	Ismail Bandi Road	2/2	6.000	5-shingle	5-3.65 B/T	Black Topping work
122.	Angar Bainr Road	8/8	32.000	5-shingle	5-3.65 B/T	
123.	Nika Pani to Chambari road	13/13	39.000	5-shingle	5-3.65 B/T	Black Topping work
124.	Tras Bai Link Road	4/4	16.000	5-shingle	5-3.65 B/T	
125.	Kiara Link Road	3/3	9.000	5-shingle	5-3.65 B/T	Black Topping work
126.	Dheri Link Road	2/2	6.000	5-shingle	5-3.65 B/T	
127.	Nel Bal Road	6/6	18.000	5-shingle	5-3.65 B/T	Black Topping work
128.	Lami To Khabal	5/5	15.000	5-shingle	5-3.65 B/T	
129.	Gali Badral road to Seri Gorla Road	8/8	24.000	5-shingle	5-3.65 B/T	Black Topping work
130.	Shahkot Namshera road	5/5	15.000	5-shingle	5-3.65 B/T	
131.	Talhatta Surwai Road (4 km)	4/4	6.000	5-3.65-B.T=2 km Shingle=2 km	5-3.65-B.T=4 km Shingle=0km	Black Topping work
132.	Kashtra Sughdar Road with Link to Las pattian	10/10	15.000	5-3.65-B/T=5 km Shingle=5 km	5-3.65-B/T=10 m Shingle=0 km	
133.	Dheri Narah Batsangra Road	12/12	21.000	5 -3.65-B/T=5 km Shingle=7 km	5 -3.65-B/T=12 km Shingle=0 km	Black Topping work
Total Category III		246.25/2 46.25	788.400			
CATEGORY V						
134.	Batkas to Lami	5/5	15.000	5-shingle	5-shingle	Retaining Structure/x- Drainage E/work/ Realignment
135.	Bankoti Road	3/3	12.000	5-shingle	5-shingle	Retaining Structure/x- Drainage E/work/ Realignment
136.	Afzal Chirya road	5/5	25.000	5-shingle	5-shingle	Retaining Structure/x- Drainage E/work/ Realignment
137.	Kanant to Timer Khola via Miswal Road	5/5	24.000	5-shingle	5-shingle	Retaining Structure/x- Drainage E/work/ Realignment

138.	Mangloor road to Balhag Bala & Payeen	4/4	19.000	5-shingle	5-shingle	Retaining Structure/x- Drainage E/work/ Realignment
139.	Palmgali to Khabal Road	16/16	80.000	4.5 shingle	4.5 shingle	Retaining Structure/x- Drainage E/work/ Realignment
140.	Dokani Mehrran Doot kot Devli Road	8/8	16.000	4.5 shingle	4.5 shingle	Retaining Structure/x- Drainage E/work/ Realignment
141.	Shamdara Hawa Gali Tatar road	14/14	75.000	4.5 shingle	4.5 shingle	Retaining Structure/x- Drainage E/work/ Realignment
142.	Sher Ghar Seri Gorya Road	9/9	18.000	4.5 shingle	4.5 shingle	Retaining Structure/x- Drainage E/work/ Realignment
143.	Hilkot Bali Mang road via Kund Bala	10/10	30.000	4.5 shingle	4.5 shingle	Retaining Structure/x- Drainage E/work/ Realignment
144.	Kotla Berbut Road	6/6	30.000	4.5 shingle	4.5 shingle	Retaining Structure/x- Drainage E/work/ Realignment
145.	Bai Bajna Road to Sunj Patian Road	12/12	36.000	4.5 shingle	4.5 shingle	Retaining Structure/x- Drainage E/work/ Realignment
146.	Bandi Parow to Chamyl Gorain Gali	15/15	75.000	4.5 shingle	4.5 shingle	Retaining Structure/x- Drainage E/work/ Realignment
147.	Ganian to Shahtoot Road	6/6	30.000	4.5 shingle	4.5 shingle	Retaining Structure/x- Drainage E/work/ Realignment
148.	Batang Sydan Karmati Road	6/6	30.000	4.5 shingle	4.5 shingle	Retaining Structure/x- Drainage E/work/ Realignment
Total Category V		124/124	515.000			
Grand Total		1444.25	4005.312			
BELLY BRIDGES						
149.	Nawazabad Shinkiari Road km 9	15.24	1.83			Sub structure only required.Super structure funded by DFID
150.	Jared Village road km -1	30.48	3.65			-----do-----
151.	Farid abad Bonja road	30.48	3.65			-----do-----

Total		76.2	9.13			
BRIDGES						
152.	Repair of Garhi Habibullah steel Bridge	61	0.964	Steel girder bridge	Steel girder bridge	Repair of decking,railing ,paint etc
153.	Re construction of Kaghan Bela Bridge	76	6	Suspension bridge	Suspension bridge	Reconstruction on suspension bridge
154.	Balakot to Garhi Habib ullah Road km 15	45	17	RCC	RCC	Reconstruction
155.	Parore suspension bridge	75	6	Suspension bridge	Suspension bridge	Construction of steel suspension bridge
156.	Dar seeri steel bridge	83	14.11	Steel girder bridge	Steel girder bridge	Construction of steel girder bridge
157.	Reconstution Nadi Hari wala steel bridge	60	18	Steel girder bridge	Steel girder bridge	Construction of steel girder bridge
158.	Reconstruction of 2 no RCC Bridges at Suan	30	9	wooden bridge	RCC	Reconstruction
159.	Suspension bridge at Balakot	70	4.2	Suspension bridge	Suspension bridge	Repair of decking, towers etc
160.	Pattan Des Chorkalan Bridge	90	27	Wooden	RCC	Reconstruction
161.	Shinkiari Suspension Bridge	160	9.6	Suspension bridge	Suspension bridge	Repair
162.	Batkass RCC bridge	35	10.5	RCC	RCC	Reconstruction
163.	Khaki Bridge at Siran river	190	57	RCC	RCC	Reconstruction
164.	Hamsherian Bridge on River Icher	60	18	RCC	RCC	Reconstruction
165.	Bridge on Shinkiari Dadar Road km 9	15	4.5	RCC	RCC	Reconstruction
166.	Repair/Widening of Bridges on Bafa Doraha ichrian Road km 3 & 4	30	2.5	RCC	RCC	Reconstruction
167.	Baidra Gojra Road bridge on River Siran	30	9	RCC	RCC	Reconstruction
168.	repair of Bridges on Bajna Road km 1 & 3	30	1.8	RCC	RCC	Reconstruction
169.	Oghi Darband Road km 2	35	10.5	RCC	RCC	Reconstruction
170.	Thakot darband Road km 21	45	13.5	RCC	RCC	Reconstruction
171.	Dogai Bridge	20	6	RCC		Reconstruction
172.	Bridge on Mansehra Oghi Road km 6 &14Shinkiari Dadar Road km 9	240	52.32	RCC	RCC	Reconstruction
Grand Total		1480	297.494			

WORKS & SERVICES DEPARTMENT ROADS
DISTRICT BATTAGRAM

Ser	Tehsil/Name of Road	Total/damaged length (Km)	Estimated cost Rs (Million)	Existing Formation/T width (m)	Proposed Formation B/T width (m)	Sco	Justification with reference to Earthquake.
Category –I							
Battagram							
PACKAGE – I							
1	Oghi Battagram Road	15/15	39.484	7.31/6.1(6 km) 6.5/3.65(9 km)	7.31/6.1(6 km) 6.5/3.65(9 km)	Retaining Structure/x Drainage, E Work & B topping Work.	The area of Battagram District badly damaged in Earthquake on 8.10.2005 and huge casualties occurred in case of deaths and injuries and houses collapsed. The road net work also disturbed due to creation of fissures and retaining structures damaged in various reaches and also land slides and slips occurred on most of the reaches. Hence this road need rehabilitation for relief and rescue operation of the area.
2.	Landi Kass Perhari Road	13/9	35.050	7.31/3.65 BT=6 km Shingle=7 km	7.31/3.65 BT=6 km Shingle=7 km	-do-	-do-
TOTAL PACKAGE – I		28/24	74.53				
PACKAGE – II							
3	Kuza Banda Chattar Plain Road	24.25/24.25	84.875	7.31/3.65	7.31/3.65	-do-	----do----
TOTAL PACKAGE – II		24.25/24.25	84.875				
PACKAGE – III							
4.	Battagram Shamlai Hill road	26/13	59.803	7.31/3.65	7.31/3.65	-do-	--- ----do---

5.	Japan Bridge to kotgala Road	3/3	6.000	4.5/Shingle	4.5/ shingle	Retaining Structure/x Drainage ,E Work .	---	----do---
6.	Battagram to Paimal Rangeen abad Surgai Road	22/15	36.95	4.5-7.31/3.65 B.T=7 km Shingle=15 km	4.5-7.31/3.65 B.T=-0 km Shingle=15 km	Retaining Structure/x Drainage ,E Work	---	----do---
7.	Kohani Merani Road	12/12	30.000	4.5/shingle	4.5/shingle	Retaining Structure/x Drainage ,E Work	---	----do---
8.	Lacnmera Road	5/4	10.000	4.5/Shingle	4.5/shingle	Retaining Structure/x Drainage ,E Work .	---	----do---
9.	Arghashon to Dheri Malang Khan road	3.15/1.5	3.75	4.5/shingle	4.5/shingle	Retaining Structure/x Drainage ,E Work	---	----do---
TOTAL PACKAGE –III		71.15/48.5	146.503					
Allai								
PACKAGE-IV								
10.	Bihari Gidri Road	12/12	41.120	6/3.65 B,T=6 km) Shingle =6 km	6/3.65 B,T=6 km) Shingle =6 km	Retaining Structure/x Drainage, E Work & B topping Work.		----do-----
11.	Karg Jabbar Road	12/12	16.505	7.31-3.65 B.T=9 km Shingle=3 km	7.31-3.65 B.T=9 km Shingle=3 km	Retaining Structure/x Drainage, E Work & B topping Work. -		-do-
TOTAL PACKAGE-IV		24/24	57.625					
PACKAGE-V								
12.	Ashar Ban Road	2/2	4.000	4.5/shingle	4.5/shingle	Retaining Structure/x Drainage, E Work-		-do-
13	Jambara road to Allai road via Kuntar Ghatt Shishal Road	3/3	9.000	4/Shingle	4/Shingle	Retaining Structure/x Drainage, E Work & B topping Work.		-do-
14	Pazang Road	5/4	8.000	4.5/shingle	4.5/shingle	Retaining Structure/x Drainage, E Work		-do-
15	Sakaragh Darra Road	4/2	4.000	7.32-3.65 B.T=2 km Shingle=2 km	7.32-3.65 Shingle=2 km	Retaining Structure/x Drainage, E Work		-do-
TOTAL PACKAGE-V		14/11	25.000					
PACKAGE – VI								
16	Kund Banna Road	29/20	60.000	5-7.31-B/T=10 Shingle =19 km	5-7.31-B/T=1 Shingle =19 km	Retaining Structure/x Drainage, E Work & B topping Work.		-do-

TOTAL PACKAGE-VI		29/20	60.00				
PACKAGE – VII							
17	Shingri to Joz Road	5/5	15.000	4.5-3.65- B/T=0.5 km Shingle=4.5 km	4.5-3.65- B/T=0.5 km Shingle=4.5 km	Retaining Structure/x Drainage, E Work & B topping Work.	The area of Battagram District badly damaged in Earthquake on 8.10.2005 and huge casualties occurred in case of deaths and injuries and houses collapsed. The road net work also disturbed due to creation of fissures and retaining structures damaged in various reaches and also land slides and slips occurred on most of the reaches. Hence this road need rehabilitation for relief and rescue operation of the area.
18	Kadley Road 5 km	5/5	16.000	4.5-3.65- B/T=0.5 km Shingle=4.5 km	4.5-3.65- B/T=0.5 km Shingle=4.5 km	-do-	----do-----
TOTAL PACKAGE –V II		10/10	31.00				
PACKAGE – VIII							
19.	Kadow Meran Road 4 km	4/4	12.000	5-Shingle=4 km	5-Shingle=4 km	Retaining Structure/x Drainage ,E Work .	----do-----
20.	Blandkot Road	8/8	40.000	5-3.65 –B/T=4 Shingle =4	5-3.65 –B/T=4 Shingle =4	Retaining Structure/x Drainage, E Work & B topping Work.	----do-----
21.	Gijbori Nowshera Road 4 km	4/4	20.000	5-3.65 –B/T=4	5-3.65 –B/T=4	Retaining Structure/x Drainage, E Work & B topping Work.	----do-----
22.	Banda Akhoon Zadgan Road	4/4	20.000	5-3.65 –B/T=4	5-3.65 –B/T=4	Retaining Structure/x Drainage, E Work & B topping Work.	----do-----

TOTAL PACKAGE –VIII		20/20	92.000				
PACKAGE – IX							
23.	Neeli Shang Andar wali Road 7km	7/7	21.000	5-Shingel=7 km	5-Shingel=7 km	Retaining Structure/x Drainage, E Work	----do----
24.	Gijkot Battian Road	8/8	24.000	5-Shingel=8 km	5-Shingel=8 km	Retaining Structure/x Drainage, E Work . -	-do-
25.	Neli shang gali to Kathor Sarmasr	5/5	15.00	5-shingle=5 km	5-shingle=5 km	Retaining Structure/x Drainage, E Work . -	-----
26.	Bab Khawar to village road	2/1	3.00	5-shingle=1 km	5-shingle= 1km	Retaining Structure/x Drainage, E Work	-do-- -----do---
TOTAL PACKAGE-IX		22/21	63.00				
TOTAL		242.40/202.75	634.53				
Belly Bridge							
27.	Gibori Bridge on Oghi Battagram road i/c approaches	39.62	4.75			Reconstruction of sub -structure	Super structure of the bridge will be funded by DFID.
28.	Biari Nullah Karag Gangwal road i/c approaches	30.48	3.65			-----do-----	-----do-----
29.	Kotgala from main KKH road	45.72	5.48			-----do-----	-----do-----
Total		115.82	13.88				
Steel Bridges							
30.	Bridge on Tailous Pashto Road in Km-8	15	8.613			Reconstruction of new RCC bridge	
31.	Bridge on Palang Roop Kanai Nullah	45	11.730			-----do-----	-----do-----
32.	RCC brige in KM 5 on Karrag Jabur Road	30	11.748			-----do-----	-----do-----
33.	RCC Bridge in KM 12 on Kund (Besham) Banna Road	15	5.874			-----do-----	-----do-----
34.	RCC Bridge in KM 22 on Battagram Shamlai Hill Road	37	14.489			-----do-----	-----do-----
35.	Bridge on approach Road on Govt: Degree College for Boys.	10	3.916			-----do-----	-----do-----
Total		152	59.75				
GRAND TOTAL(Category-I) (Package I-IX)		242.40/202.75	708.16				

WORKS & SERVICES DEPARTMENT ROADS
DISTRICT KOHISTAN

S.No.	Tehsil/Name of Road	Total / Damaged Length (Km)	Estimated cost Rs (Million)	Existing Formation B/T Width (m)	Proposed formation B/T Width (m)	Scope of work	Justification with reference to Earthquake.
DASSU							
Package –I							
1	Jalkot valley Road	14/14	20.480	4/3.05(BT=4 km & Shingle=10 km)	4/3.05(BT=4 km & Shingle=10 km)	Retaining structure/X-Drainage work ,black topping etc	The Kohistan District badly damaged in Earth quake on 8.10.2005 and was huge casualties occurred the road net work disturbed due to creation of fissures and retaining structures damaged in various reaches and also land slides and slips occurred on most of the reaches. Hence this road need rehabilitation for relief and rescue operation of the area.
2	Komela Seo Razika Road	18/18	16.550	4.5/3.05(BT=3 km & Shingle=15 km)	4.5/3.05(BT=3 km & Shingle=15 km)	Retaining Structure & E/work ,black topping etc	
Total Package 1		32/32	37.03				
Package II							
3.	Zambeel Katcha Seri Road	8/8	5.600	4/Shingle	4/Shingle	Retaining Structure & E/work ,slip removals etc	
4.	Sazin Valley Road	8/8	2.800	4/shingle	4/Shingle	Retaining Structure & E/work	
5.	Shatial Valley road	7/7	4.595	4/shingle	4/Shingle	Retaining Structure & E/work	
6.	Kandian Valley Road	33/33	44.440	4/shingle	4/Shingle	Retaining Structure &	

7	Harban valley Road	16/16	23.4	4.5/3.05(BT=3 km & Shingle=15 km)	4.5/3.05(BT=3 km & Shingle=15 km)	E/work Retaining Structure , E/work and B/topping	
Total Package 1I		72/72	80.835				
Package -III							
8	Kund Batera Road	10/10	17.199	4.5/3.05(Bt =4 km & shingle=6 km)	4.5/3.05(BT = 4 km & shingle=6 km)	Retaining Structure & E/work and black topping	
9	Kolai Village Road	14/14	14.410	3.65 /Shingle	3.65 /Shingle	Retaining Structure & E/work	
10	Pattan Sherakot road	15/15	20.126	4/shingle	4/shingle	Retaining Structure & E/work	
11	Pattan Ziarat Road	20/20	18.793	4/shingle	4/shingle	Retaining Structure & E/work	
Total Package -III		59/59	70.528				
Package -IV							
12	Keyal Valley Road	10/10	5.36	4/shingle	4 /Shingle	Retaining Structure & E/work	
13	Pattan Chowa Dara Road	15/6	10.186	4.5/shingle	4.5/shingle	Retaining Structure & E/work	
14	Dobair Valley Road	16/4	3.93	4/Shingle	4/shingle	Retaining Structure & E/work	
15	Ranolia village road	9/9	10.401	4/shingle	4/shingle	----do----	
Total Package IV		50/29	29.877				
Package V							
SUSPENSION BRIDGES							
16	Repair/renovation to Suspension Bridge at Doga	213.35 m	2.889	3.0 Meter		Wooden Decking, ropes and Protection Work needs repair .	
17	Repair/Renovation to Suspension Bridge Near Mehreen Village	167.65 m	2.471	3 Meter		-do-	
Total Package V		381 m	5.36				
Grand Total		213/192	223.63				

CATEGORY –III						
Package VI						
Replacement of suspension bridges by RCC bridges						
18	Jashoi Kandian Bridge (km 16)	73 meter	24.300		Rcc Bridge	
19	Karang Kandian (Km 26)	82 Meter	27.300		Rcc Bridge	
20	Kanoi Kandian (km 31)	43 Meter	12.900		Rcc Bridge	
21	Shatyal (km 6)	14 Meter	4.200		Rcc Bridge	
22	Goshali Jalkot (km 7)	12 Meter	3.600		Rcc Bridge	
Total Package VI		224 Meter	72.3			
BELLY BRIDGE						
23	Kandia Valley Road Km 34	12.19 m	1.46		Reconstruction of sub – structure	Super structure of the bridge will be funded by DFID.
G.Total		236.19	295.93			

DISTRICT SHANGLA

Ser	Name of Road	Total / Damaged length K.M	Estimated Cost.Rs (M)	Existing Formation B/T width (M)	Proposed Formation B/T width (M)	Scope of work	Justification
	PACKAGE-I						
1	Yakhtangi Puran Martung Road	52/29	29.81	5.5/3.65	5.5/3.65	Retaining structure/X-Drainage work ,black topping etc	Urgent Rehabilitation & improvement
2	Repair of bridges on Yakhtangi Puran Murtung Road in Km 4,7,9,,29,33,42(6 No)	i) 10 m ii) 10 m iii) 10 m iv) 10 m v) 10 m vi) 10 m T=60 m	12	-	-	Repair of bridges	Repair of Arch bridges
Total of Package – I		52/29	41.81				
	PACKAGE-II						
3	Alpurai Lilonai Road	5/5	15.413	5.5/3.65	5.5/3.65	Retaining structure/X-Drainage work ,black topping etc	Urgent Rehabilitation & improvement
4	Alpurai Larai Road	7/7	15.236	5.5/3.65	5.5/3.65	Retaining structure/X-Drainage work ,black topping etc	Urgent Rehabilitation & improvement
5	Shangla top to Maroof Kheil Road	7/7	11.858	4.5/Shingle	4.5/Shingle	Retaining structure/X-Drainage work ,earth work etc	Urgent Rehabilitation & improvement

Total Package-II		19/19	42.51				
PACKAGE – III							
6	Kormang Road	10/10	12.42	4.5/Shingle	4.5/Shingle	Retaining structure/X- Drainage work ,earth work etc	Urgent Rehabilitation & improvement
7	Ranial Opal Road	7/7	2.23	4.5/Shingle	4.5/Shingle	---do---	Urgent Rehabilitation & improvement
8	Ranial Chichloo Road	8/8	4.47	4.5/Shingle	4.5/Shingle	---do---	Urgent Rehabilitation & improvement
9	Ranial Sangrai Road	5/5	13.59	4.5/Shingle	4.5/Shingle	---do---	Urgent Rehabilitation & improvement
Total Package-III		30/30	32.71				
PAKAGE – IV							
10	Kuz Bat Kot road	7/7	14.35	4.5/Shingle	4.5/Shingle	---do---	---do---
11	Besham Lahore Road	7/7	3.30	4.5/3.65 (BT=3 km & Shingle=4 km)	4.5/3.65 (BT=3 km & Shingle=4 km)	Retaining structure/X- Drainage work ,black topping etc	---do---
Total Package-IV		14/14	17.65				
PAKAGE – V							
12	Karooro-Ajmir Road	29/29	77.16	5.5/3.65 (BT=25 KM & shingle =4 km)	6.5/3.65 (BT=25 KM & shingle =4 km)	---do---	B/T & Repair
Total Package-V		29/29	77.16				
PAKAGE – VI							
13	Loder Road	7/7	4.87	4.5/Shingle	4.5/Shingle	Retaining structure/X- Drainage work ,earth	Urgent Rehabilitation & improvement

						work etc	
14	Bilkanai Larai Road	6/6	22.19	4.5/Shingle	4.5/Shingle	----do----	Urgent Rehabilitation & improvement
Total of Package - VI		13/13	27.06				
PACKAGE - VII							
15	Dheri Chakisar Road	19/19	12.77	5.5/Shingle	5.5/Shingle	----do----	Urgent Rehabilitation & improvement
16	Koo Road	3/3	2.158	5.5/Shingle	5.5/Shingle	----do----	Urgent Rehabilitation & improvement
17	Martung Chakisar Road	10/10	12.58	5.5/katcha	5.5/katcha	----do----	Urgent Rehabilitation & improvement
18	Martung Alami Banda	5/5	2.90	4.5/Shingle	4.5/Shingle	----do----	Urgent Rehabilitation & improvement
Total of Package VII		37/37	30.40				
PACKAGE - VIII							
19	Chowga Shikowly Road	10/10	7.94	4.5/shingle	4.5/shingle	----do----	Urgent Rehabilitation & improvement
20	Shikowlai Biana Road	6/6	13.36	4.5/Shingle	4.5/Shingle	----do----	Urgent Rehabilitation & improvement
21	Chowga Machkandai Road	7/7	3.82	4.5/Shingle	4.5/Shingle	----do----	Urgent Rehabilitation & improvement
22	Chowga Dumkacha Road	7/7	5.60	4.5/Shingle	4.5/Shingle	----do----	Urgent Rehabilitation & improvement
23	Martung Kabal gram Road	12/12	23.20	4.5/Shingle	4.5/Shingle	----do----	Urgent Rehabilitation & improvement
24	Puran Chowga Road	14/14	24.69	5.5/3.65	5.5/3.65	Retaining structure/X-Drainage work ,black topping etc	Urgent Rehabilitation & improvement

Total of Package VIII		56/56	78.61				
PACKAGE –I X							
25	Karora Chakisar Road	29/13	47.39	5.5/3.65	5.5/3.65	Retaining structure/X-Drainage work ,black topping etc	Urgent Rehabilitation & improvement
Total of Package I X		29/13	47.39				
PACKAGE – X							
26	Martung Chakisar Road	3/3	10.92	5.5/shingle	5.5/shingle	Retaining structure/X-Drainage work ,black topping etc	Urgent Rehabilitation & improvement
Total of Package X		3/3	10.92				
Grand Total		282/243	406.22				
Cat III							
Package XI							
27	New RCC bridge on Yakhtangi Puran Murtung Road in Km 16	i) 10 m	3.00	---	---	New RCC bridge	Need replacement of old Arch bridges
TOTAL		10	3.00				
Total of All Packages I+II + ----- +XI		282/243	409.22				
Grand Total			409.22				

ANNEX-7

List of Roads funded by ADB

	Name of Road	Road Length (Km)		Width (M)		Scope	Estimated Cost PRs million
		Total	Affected	Existing	Proposed		
A. Provincial Highways (Category II)							
1	Alpuri Besham	33.00	33.00	5.10	5.10	Reconst.	560.00
B. Rural Roads (Category I)							
I. District Abbottabad							
Package 1							
2.	Abbottabad-Sherwan	34.00	34.00	7.30	7.30	Repair/BT	20.00
3.	Mandian Banda Ali Khan	11.00	2.00	7.30	7.30	Repair/BT	1.98
4.	Lamba Maira Jhangi	4.00	4.00	5.60	5.60	Repair	3.50
5.	Mirpur Maira	2.00	2.00	4.50	4.50	Repair/BT	3.00
6.	Abbottabad-Thandianbi	25.00	4.00	7.30	7.30	Repair	3.50
7.	Dalola Hadora Bandi	12.00	10.00	7.30	7.30	Repair/BT	5.60
8.	Boi Chack road	8.00	8.00	5.00	5.00	Structures	12.00
Package 1 Total							184.58
Package 2							
9	Bagnotar Namli Maira	18.00	18.00	7.30	7.30	Repair/BT	18.00
Package 2 Total							18.00
Package 3							
10.	Takia Sheikhan Cher	19.00	11.00	7.30	7.30	Repair/Protec.	13.26
Package 3 Total							13.26
Package 4							
11.	Kotera Salol Bandi	2.50	2.50	5.00	5.00	Structures	2.50
12.	Thandiani Khokrial Darair	12.00	12.00	5.00	5.00	Structures	10.50
Package 4 Total							13.00
Package 5 Total							
13.	Nathiagali Bakot	18.00	14.00	7.30	7.30	Repair	13.00
14.	Kohala Moolia Nammal	17.00	16.00	7.30	7.30	Repair/Protec.	21.00
15.	Trech Nakhaiter Lnaglo	6.00	3.00	3.00	3.00	Repair	2.00

16.	Khanispur Riala	7.00	7.00	7.30	7.30	Repair/Struct.	5.00
17.	Hathrari Road	1.50	1.50	5.60	5.60	Repair/BT	3.00
18.	Ziarat Masoom Nagri Totial	8.00	8.00	5.00	6.00	Upgrad/BT	3.00
19.	Sammundar Katha	4.00	3.00	5.00	5.00	Structures	1.00
20.	Barrian Kalkot Goreeni	10.00	10.00	4.00	6.00	Upgrad/BT	1.00
21.	Thalla Nammal	4.00	4.00	3.00	3.00	Structures	1.50
22.	Majute-Beri Bagla	10.00	10.00	3.00	3.00	Structures	2.50
23.	Payeen Tarhatti	3.00	3.00	3.00	3.00	Structures	1.50
24.	Trech Majohan	5.00	5.00	3.00	3.00	Structures	2.00
25.	Bandian Leeran	7.00	7.00	3.00	3.00	Structures	2.00
Package 5 Total							58.50
sub-total (Category I)							152.34
I.	District Mansehra (Category I)						
	Package 1						
26.	Gulderi Bissain	7.00	7.00	7.31	7.31	Rehabilitation	18.22
27.	Garhi Habibullah Shaheed Gali	6.00	6.00	4.50	4.50	Structures	12.10
28.	Shohal Mazullah Jabri Allari	14.00	14.00	4.50	4.50	Structures	41.50
Package 1 Total							71.82
Package 2							
27	Attershisha Garhi Habibullah	15.00	15.00	7.31	7.31	Struc/EW/BT	66.88
Package 2 Total							66.88
Package 3							
28	Paras Baila Kund	17.00	17.00	4.50	4.50	Struc/EW	51.20
Package 3 Total							51.20
Package 4							
29	Balakot Hungrai	17.00	15.00	7.31	7.31	Struc/EW/BT	28.00
30	Balakot Bhangian	5.00	5.00	4.50	4.50	Struc/EW	15.70
31	Hassa Kanshian	12.00	12.00	4.50	4.50	Struc/EW	32.00
Package 4 Total							75.70
Package 5							
32	Fareedabad Bonja	10.00	10.00		4.50	Struc/EW/BT	

				4.50			32.00
33.	Kawai Shunga	5.00	5.00	4.50	4.50	Struc/EW/BT	25.00
Package 5 Total							57.00
Package 6							
34	MNJ Sangar Gohar Bandi Road	7.00	7.00	4.50	4.50	Struc/EW/BT	30.00
35	Pattan Des Road	15.00	15.00	4.50	4.50	Struc/EW/BT	30.00
Package 6 Total							30.00
Package 7							
36.	Shinkiari Nawazabad	27.00	27.00	7.31	7.31	Struc/EW/BT	148.14
Package 7 Total							148.14
Package 8							
37.	Battal Sathan Gali	22.00	22.00	7.31	7.31	Struc/EW/BT	95.20
Package 8 Total							95.20
Package 9							
38.	Nawazabad Devli	7.50	7.50	7.31	7.31	Struc/EW/BT	47.62
39.	Jabbar Chungari	7.00	7.00	6.00	6.00	Struc/BT	16.00
Package 9 Total							63.62
Package 10							
40	Bajna Ichrian Road	6.00	6.00	7.31	7.31	Struc/EW/BT	27.00
41	Shahalia Chowke to Mangloor	9.00	9.00				32.00
42	Shoukat Abad to Tarar/Panialy Road	4.00	4.00	7.31		Struc/EW/BT	18.00
Package 10 Total							77.00
Package 11							
43.	Perhina Lassan Nawab Road	25.00	25.00	7.31	7.31	Struc/EW/BT	90.00
Package 11 Total							90.00
Package 12							
44.	Mansehra Oghi Road	32.00	32.00	10.00	10.00	Struc/EW/BT	195.62
Package 12 Total							195.62
Package 13							
45	Oghi Battagram Road	14.00	14.00	7.31	7.31	Struc/EW/BT	85.99
Package 13 Total							85.99
sub-total -(Category I)							1,108.16

I.	District Battagram (Category 1)						
Package 1							
46	Oghi Batgram	15.00	15.00	7.31	7.31	Struc/EW/BT	39.48
47	Landi Kass Perhari	13.00	9.00	7.31	7.31	Struc/EW/BT	35.05
Package 1 Total							74.53
Package 2							
48.	Kuza Banda Chattar Plain Road	24.25	24.25	7.31	7.31	Struc/EW/BT	84.87
Package 2 Total							84.87
Package 3							
49	Battagram Shamlai Hill	26.00	7.00	7.31	7.31	Struc/EW/BT	29.80
50	Battagram Paimal	22.00	15.00	4.50	7.31	Struc/EW	36.95
51	Lacnmera Road	5.00	4.00	4.50	7.31	Struc/EW	10.00
52	Arghashon Dheri Malang	3.15	1.50	4.50	4.50	Struc/EW	3.75
Package 3 Total							80.50
Package 4							
53	Bihari Gidri Road	12.00	12.00	6.00	6.00	Struc/EW/BT	41.12
54	Karg Jabbar Road	12.00	12.00	7.31	7.31	Struc/EW/BT	16.50
Package 4 Total							57.62
Package 5							
55	Ashar Ban Road	2.00	2.00	4.50	4.50	Struc/EW	4.00
56	Jambara road to Allai Road	3.00	3.00	4.00	4.00	Struc/EW/BT	9.00
57	Pazang Road	5.00	4.00	4.50	4.50	Struc/EW	8.00
58	Sakaragh Darra	4.00	2.00	7.32	7.32	Struc/EW	4.00
Package 5 Total							25.00
sub-total (Category I)							322.53
I.	District Shangla (Category I&II)						
Package 1							
59	Yakhtangi Puran Martungb	52.00	29.00	5.50	5.50	Repair/BT	29.81
60	Yakhtangi Puran Martungb					Bridges	12.00
Package 1 Total							41.81
Package 2							
61.	Alpuri Lilonai	5.00	5.00	5.50	5.50	Repair/BT	15.41

62	Alpuri Larai	7.00	7.00	5.50	5.50	Repair/BT	15.24
63	Shangla top Maroof Kheil Road	7.00	7.00	4.50	4.50	Repair/Shingle	11.86
Package 2 Total							42.51
Package 3							
64	Kormang Road	10.00	10.00	4.50	4.50	Repair/Shingle	12.42
65	Ranial Opal	7.00	7.00	4.50	4.50	Repair/Shingle	2.23
66	Ranial Chichloo	8.00	8.00	4.50	4.50	Repair/Shingle	4.47
67	Ranial Sangrai	5.00	5.00	4.50	4.50	Repair/Shingle	13.59
Package 3 Total							32.71
Package 4							
68	Kuz Bat Kot	7.00	7.00	4.50	4.50	Repair/Shingle	14.35
69	Besham Lahore	7.00	7.00	4.50	4.50	Repair/Shingle	3.30
Package 4 Total							17.65
Package 5							
12.	Karoora Ajmir	29.00	29.00	5.50	5.50	Repair	77.16
Package 5 Total							77.16
Package 6							
70	Loder Road	7.00	7.00	4.50	4.50	Repair/Shingle	4.87
71	Bilkanai Larai	6.00	6.00	4.50	4.50	Repair/Shingle	22.19
Package 6 Total							27.06
Package 7							
72	Dheri Chakesar	19.00	19.00	5.50	5.50	Repair/Shingle	12.77
73	Koo Road	3.00	3.00	5.50	5.50	Repair/Shingle	2.15
74	Martung Chakisar	10.00	10.00	5.50	5.50	Repair/Shingle	12.58
75	Martung Alami Banda	5.00	5.00	4.50	4.50	Repair/Shingle	2.90
Package 7 Total							30.40
Package 8							
76	Chowga Shikowly Road	10.00	10.00	4.50	4.50	Repair/BT	7.94
77	Shikowlai Biana Road	6.00	6.00	4.50	4.50	Repair/Shingle	13.36
78	Chowga Machkandai Road	7.00	7.00	4.50	4.50	Repair/Shingle	3.82

79	Chowga Dumkacha	7.00	7.00	4.50	4.50	Repair/Shingle	5.60
80	Martung Kabal Gram	12.00	12.00	4.50	4.50	Repair/Shingle	23.20
81.	Puran Chowga	14.00	14.00	5.50	5.50	Repair/BT	24.69
Package 8 Total							78.61
Package 9							
82.	Karora Chakisar	29.00	13.00	5.50	5.50	Repair/BT	47.39
Package 9 Total							47.39
Package 10							
83.	Martung Chakisar Road		3.00	5.50	5.50	Repair/BT	10.92
Package 10 Total							10.92
Package 11 (Category II)							
84.	New RCC Bridge on Yakhtangi Puran					New	3.00
Package 11 Total							3.00
sub-total (Category I & II)							409.22
I	District Kohistan (Category I & II)						
Package 1							
85.	Jalkot Valley Road	14.00	14.00	4.00	4.00	Struct./Upgrad.	20.48
86.	Komela Seo Razika Road	18.00	18.00	4.50	4.50	Struct./Upgrad.	16.55
Package 1 Total							37.03
Package 2							
87.	Zambeel Katcha Seri Road	8.00	8.00	4.00	4.00	Struct./Upgrad.	5.60
88.	Sazin Valley Road	8.00	8.00	4.00	4.00	Struct./Upgrad.	2.80
89.	Shatial Valley Road	7.00	7.00	4.00	4.00	Struct./Upgrad.	4.59
90.	Kindaian Valley Road	33.00	33.00	4.00	4.00	Struct./Upgrad.	44.44
91.	Herban Valley Road	16.00	16.00	4.50	4.50	Struc/EW/BT	23.40
Package 2 Total							80.83
Package 3							
92.	Kund Betera Road	10.00	10.00	4.50	4.50	Struc/EW/BT	17.19
93.	Kolai Road	14.00	14.00	3.65	3.65	Struc/EW	14.41
94.	Pattan Sherakot Road	15.00	15.00	4.00	4.00	Struc/EW	20.12
95.	Patan Ziarat Road				4.00	Struc/EW	

		20.00	20.00	4.00			18.79
Package 3 Total							70.51
Package 4							
96.	Kayal Valley Road	10.00	10.00	4.00	4.00	Struc/EW	5.36
97.	Patan Chowdara Road	15.00	6.00	4.50	4.50	Struc/EW	10.18
98.	Dobair Valley Road	16.00	4.00	4.00	4.00	Struc/EW	3.93
99.	Ronalia Village Road	9.00	9.00	4.00	4.00	Struc/EW	10.40
Package 4 Total							29.87
Package 5							
100.	Repair/Renovation Susp. Doga						2.88
101.	Repair/Renovation Susp. Mehreen						2.47
Package 5 Total							5.35
Package 6 (Category II)							
102.	Jashoi Kandian Bridge	73.00	73.00	73.00	73.00	RCC Bridge	24.30
103.	Karang Kandian	82.00	82.00	82.00	82.00	RCC Bridge	27.30
104.	Kanoi Kandian					RCC Bridge	12.90
105.	Shatyal					RCC Bridge	4.20
106.	Goshali Jalkot					RCC Bridge	3.60
Package 6 Total							72.30
sub-total - (Category I & II)							295.89

DISTRICT MANSEHRA (CATEGORY II AND III ROADS)

Package	CATEGORY II ROADS	Length (km)	Cost PRs (Mill)			
1.	Paras Baial Sacha Road (17 k	17/12	51.000	4.5 -B/T=5 Shigle=12 km	4.5 -3.65-B/T=17	Black Topping work
2.	Balakot Bangian Road (5 km)	5/5	15.000	4.5 -B/T=0 Shigle=5 km	4.5 -3.65-B/T=5 km	Black Topping work
3.	MNJ Sangar Gohar Bandi Road	7/7	21.000	4.5 -B/T=5 Shingle=2	4.5 -3.65-B/T=7 km	Black Topping work
4.	Fareed Abad Bonja Road (10	10/10	30.000	4.5 -B/T=6 Shingle=4 km	4.5 -3.65-B/T=10 km	Black Topping work
5.	Kawai Shunga Road (5 km)	5/3	9.000	4.5 -B/T=4 Shingle=1km	4.5 -3.65-B/T=5 km	Black Topping work
Total Package			126.000			
6.	Garhi Habibullah Shaheed Gali Road (6 km)	6/6	18.000	7-4.5 -B/T=0 Shingle=6 km	4.5 -3.65-B/T=6	Black Topping work
7.	Shohal Mazulla Jabri Allari Road (14 km)	14/14	42.000	4.5 -B/T=5 Shingle=9	4.5-3.65-B/T=14	Black Topping work
8.	Hassa Kanshian Road (12 km)	12/12	36.000	4.5 -B/T=0 Shingle=12	4.5-3.65-B/T=12	Black Topping work
Total Package			96.000			
9.	Khaith Serash Jabbar Baggar Road	18/13	39.000	5-3.65-B/T=5 km Shingle =13 km	5-3.65 -B/T=13km Shingle=0	Black Topping work
10.	Ghanool Paprang Road (8 km)	8/3	9.000	5-3.65-B/T=5 km Shingle=3 km	5-3.65-B/T=8 km Shingle=0km	Black Topping work
11.	MNJ Ghanool Gran Thawan Road (4 km)	4/2	6.000	5-3.65-B/T=2 km Shingle=2 km	5-3.65-B/T=4km Shingle=0km	Black Topping work
12.	Noori Chitta Par Road (8 km)	8/4	12.000	5 -3.65-B/T=4 km Shingle=4 km	5 -3.65-B/T=8km Shingle=0km	Black Topping work
13.	Pattan Des Road (15 km)	15/15	39.00	4.5 -3.65 B/T=8 Shingle=7 shingle	4.5-3.65-B/T=12	Black Topping work
14.	Mohandri Manoor Road (16)	16/8	24.000	5-3.65-B.T=8 km Shingle=8 km	5-3.65-B.T=16m Shingle=0 km	Black Topping work
Total Package		36/17	129.000			Black Topping work
15.	Talhatta Surwai Road (4 km)	4/2	6.000	5-3.65-B.T=2 km Shingle=2 km	5-3.65-B.T=4 km Shingle=0km	Black Topping work

16.	Kashtra Sughdar Road with Link to Las pattian	10/5	15.000	5-3.65-B/T=5 km Shingle=5 km	5-3.65-B/T=10 m Shingle=0 km	Black Topping work
17.	Dheri Narah Batsangra Road (12 km)	12/7	21.000	5 -3.65-B/T=5 km Shingle=7 km	5 -3.65-B/T=12 km Shingle=0 km	Black Topping work
Total Package		26/12	42.000			
CATEGORY III ROADS						
18.	Construction of bridges on Mansehra Oghi Road in km 6 & 14	240 m	52.320	3.65 m	6 m	Bridge on Km 6=60 m & Bridge in Km14=180m
19.	Chinar road (1.5 km)	12/7	21.000	13.41-B/T=0 km Shingle=1.5 km	13.41-10.97-B/T 1.5 Shingle=0 km	Black Topping work
Total Package			73.32			
Sub Total (Category II&III)			466.32			

DISTRICT ABBOTTABAD (CATEGORY II ROADS)

S/No.	Tehsil/Name of Road	Total Length/damaged Length (Km)	Estimate Cost Rs. (M)	Existing Formation/ Black Top width (m)	Proposed Formation/ Black topped width (m)	Scope of Work	Justification with Reference to Earthquake.
ABBOTTABAD.							
PACKAGE -1							
1.	Maira Rehmat Khan Kanthiali Boi Road.	35/30	117.00	7.30-8/Nil B/T = 5 Shingle = 30	7.30-8/3.65 B/T = 30	Black Topping.	Need urgent rehabilitation & Improvement
2.	Meira Rehmat Khan Boi Road	35	28	5.00	5	UP/BT	135
3.	Thandiani – Pattan Khurd.	45/10	56.00	7.30-8/3.65 B/T = 35 Shingle = 10	7.30-8/3.65 B/T = 10 Shingle = 0.00	Black Topping.	-----do----- -----
4.	Dalola Daban Road.	8/5	18.50	5-6/Nil B/T = 0.00 Shingle = 08	5-6/3.65 B/T = 5 Shingle = 03	Black Topping.	-----do----- -----
5.	Boi Sathal road.	10/05	23.00	5-6/Nil B/T = 0.00 Shingle = 10	5-6/3.65 B/T = 5 Shingle = 5	Black Topping.	-----do----- -----
TOTAL PACKAGE -1		98/50	214.50				
PACKAGE 2							
1.	Swar-gali Lahoor Road.	37.5/23	85.00	7.30-8/Nil B/T = 14.50 Shingle = 23	7.30-8/3.6 B/T = 23	Black Topping.	-----do----- -----
2.	Lora Swargali Road.	29/18	52.00	7.30-8/Nil B/T = 11 Shingle = 18	7.30-8/3.65 B/T = 18	Black Topping.	-----do----- -----
3.	Bakot Sangreri Road.	4/4	12.00	3-4/Nil B/T = 0.00 Shingle = 4	6-7/3.65 B/T = 4 Shingle = 0.00	Black Topping.	-----do----- -----
4.	Namli Gali Khan Kalan road.	20/6	29.00	3.5-7/Nil B/T = 0.00 Shingle = 20	6-7/3.65 B/T = 6 Shingle = 14	Black Topping.	-----do----- -----
5.	Haro Kass Summa Garaka road.	6/2	6.00	5-6/Nil B/T = 0.00 Shingle = 6.00	5-6/3.65 B/T = 2.00 Shingle = 4.00	Black Topping.	-----do----- -----

6.	Batnara link road.	4/2	6.00	5-6/Nil B/T = 0.00 Shingle = 4	5-6/3.65 B/T = 2 Shingle = 2	Black Topping.	-----do----- -----
	TOTAL PACKAGE-2	100.50/55	190.00				
PACKAGE - 3							
7.	Cher Sajjangali KalabaghRoad.	35/30	88.00	7.30-8/Nil B/T = 5 Shingle = 25	7.30-8/3.65 B/T = 25	Black Topping.	-----do----- -----
8.	Sajikot Satora Jabri Road.	33/31.50	97.00	7.30-8/Nil B/T = 1.50 Shingle = 31.50	7.30-8/3.65 B/T = 31.50	Black Topping.	-----do----- -----
	TOTAL PACKAGE – 3	68/61.50	187.00				
PACKAGE –4							
9.	Bara Gali Kassala Cher road.	16/7	37.00	5-6/Nil B/T = 2 Shingle = 14	5-6/3.65 B/T = 7 Shingle = 7	Black Topping.	-----do----- -----
10.	Karlan Seri Road (Old Bagnotar road)	1.80/1.80	7.50	5-6/Nil Shingle = 1.80	5-6/3.65 B/T = 1.80	Black Topping.	-----do----- -----
11.	Sarbana Beerangali Road.	16/06	31.00	4-5/Nil B/T = 6 Shingle = 10	6.00/3.65 B/T = 6 Shingle = 4	Black Topping.	-----do----- -----
12.	Bara Hotar Malsa Road.	06/06	25.00	7.30/Nil B/T = 0.00 Shingle = 6.00	7.30/3.65 B/T = 6 Shingle = 0.00		-----do----- -----
13.	Bara Gali Sammander Katha road.	03/03	15.00	5-6/Nil B/T = 0.00 Shingle = 03	5-6/3.65 B/T = 3 Shingle = 0.00	Black Topping.	-----do----- -----
14	Karlan Bagh Road.	8/8	27.50	6.00/Nil B/T = 0.00 Shingle = 08	6-7/3.65 B/T = 08 Shingle = 0.00	Black Topping.	-----do----- -----
	TOTAL PACKAGE-4	50.80/31.80	143.00				
PACKAGE -5							

15	Kuthiala Rich behn road.	33/10	33.60	7-8/Nil B/T = 6 Shingle = 27	7-8/3.65 B/T = 10 Shingle = 17	Black Topping.	
16	Qalandar Abad Tarnawai Road.	12/5	20.56	7-8/3.65 B/T = 5 Shingle = 7	7-8/3.65 B/T = 5 Shingle = 2	Black Topping.	-----do----- -----
17	Phulain Wali –Kanyal Road.	22/12	38.00	7-8/3.65 B/T = 22 Shingle = 0.00	7-8/3.65 B/T = 12 Shingle = 0.00	Black Topping.	-----do----- -----
18	Bandi Attai Khan to Cher road.	19/11	15.00	7-8/3.65 B/T = 19 Shingle = 0.00	7-8/3.65 B/T = 11 Shingle = 0.00	Black Topping.	-----do----- -----
19	Banda Ali Khan Karak Maira Up to Maira Muzaffar link road.	2/2	6.00	5-6/Nil B/T = 0.00 Shingle = 2.00	5-6/3.65 B/T = 2.00 Shingle = 0.00	Black Topping.	-----do----- -----
20	Dharnan Ghora Bazgran road	5/3	12.00	5-6/Nil B/T = 2 Shingle = 3	5-6/3.65 B/T = 3 Shingle = 0.00	Black Topping.	-----do----- -----
21	Havelian Panjgrian Sareela Road.	6.50/5	15.00	5-6/Nil B/T = 1.50 Shingle = 5	5-6/3.65 B/T = 5 Shingle = 0.00	Black Topping.	-----do----- -----
22	Soban Gali Banjgali.	2/2	6.00	5-6/3.00 B/T = 0.00 Shingle = 2	5-6/3.00 B/T = 2 Shingle = 0.00	Black Topping.	-----do----- -----
	TOTAL PACKAGE -5	101.50/50	146.16				
Sub Total (Category II)		418.80/248.30	880.66				

DISTRICT BATTAGRAM. (CATEGORY II ROADS)

S.No.	Tehsil/Name of Road	Total Length/damaged length (Km)	Estimate cost Rs(M)	Existing Formation/black topped width(m)	Proposed formation/black topped width(m)	Scope of work
1.	Kund Banna Road	20/20	120.000	5-7.31-B/T=10 Shingle =9 km	5-7.31-B/T=19 Shingle =0 km	Black Topping
2	Jambaira Road to Allai Road via Kunttar Gatt Shishal Road.	3.3	9.000	4/Shingle	4/ 3.65 –B/T=4 km	Black Topping
TOTAL PACKAGE-1		23/23	129.000			
PACKAGE-ii						
3	Kohani to Merani Road	12/12	66.000	4.5/Shingle	4.5-3.65-B/T=12	Black Topping
4	Japan Bridge to Kotgala Road 3 km	3/3	15.000	4.5/Shingle	4.5-3.65-B/T=3	Black Topping
5	Neeli Shang Andar Wai Road 7 km	7/7	21.000	4.5-Shingle=7km	4.5-3.65-B/T=7	Black Topping
6	Gijkot Battian Road 8 km	8/8	24.000	4.5-Shingle=8km	4.5-B/T=8km	Black Topping
Total Package - 2		30/30	126.000			
Sub Total (Category II)			255.000			

UNFUNDED ROADS / BRIDGES (W&S DEPARTMENT)
DISTRICT ABBOTTABAD.

S.No.	Tehsil/Name of Road	Total Length/damaged length (Km)	Estimate cost Rs(M)	Existing Formation/black topped width(m)	Proposed formation/black topped width(m)	Scope of work	Justification with reference to Earthquake.
CATEGORY-Ia							
1.	Serai Niamat Khan Road.	9/4	8.000	7.3/3.65	7.3/3.65	R/Wall, X-Drainage, B/Wall, Slides Road Surface repair, Drains.	-do-
2.	Dhobian Barseen Road.	3/2	3.000	7.30/3.65	7.308/3.65	R/Wall, X-Drainage, B/Wall, Slides Road Surface repair, Drains	-do-
3.	Takia Kholora Pindgali Beer road with link to Bandi Nikra road.	25/12	10.000	7.3/3.65	7.3/3.65	Surface Repair, R/Walls, Drains etc	-do-
4.	Sobangali-Banasri with link to Kassaki	8/6	10.00	5-6/3 B-T, 1 KM Shingle 7 KM	5-6/3 B-T, 1 KM Shingle 5 KM	R/Wall, X-Drainage, Slides, Drains, Surface repair.	-do-
5.	Lassan Thakral to Kanger Payeen via Chamati.	09/05	9.000	7.30/3.65	7.30/3.65	R/Wall, X-Drainage, Road Surface, B/Wall, Slides, Drains	-do-
6.	Harno - Sarbana Road	3/3	15.00	5-7.3/3.65 B/T= 3Km	5-7.30/3.65 B/T= 3Km	R/Wall, Road surface repair, B/Wall & Slides.	-do-
7.	Gahia Kutli Road.	5/3	4.00	4-4.5/ Shingle	4-5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
8.	Narrian to Aziz Bang i/c with Link to Maira Aziz Bang.	4/3	3.00	4-4.5/ Shingle	4-4.5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
9.	Beerangali to Banjgali.	3/2	1.500	4-4.5/ Shingle	4-4.5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
10.	Malsa Jandar Bari Road.	03/02	4.000	4-4.5/ Shingle	4-4.5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
11.	Harian to Dakh Doga Road.	03/03	6.000	5-6/ Shingle	5-6/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-

12.	Kundla Pasala Road.	01/01	3.000	5.5/ Shingle	5.5 /Shingle	R/Wall, X-Drainage, B/Walls, Slides Drain.	-do-
13.	Ghambeer Rakhala Road U/C Lora.	05/03	4.500	4-5/ Shingle	4-5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
14.	Dewal Manal to Nara Chack Hall road.	13/11	15.00	5-6/3 B.T = 5Km Shingle = 8Km	5-6/3 B.T = 3Km Shingle = 8Km	R/Wall, X-Drainage, Slides, Drains, road surface repair.	-do-
15.	Cher Hill Karmati Road.	06/04	5.000	4.5/ Shingle	4.5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
16.	Rajoya Road.	05/03	8.000	4.5/3.65	4.5/3.65	R/Wall/Gabbion Work.	-do-
17.	Mohri Badbhen Chando Maira Road.	06/03	3.000	4.5 /Shingle	4.5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
18.	Batanja to Kasooria Road	04/02	3.00	4.5/ Shingle	4.5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
19.	Nelotha to Batala Road.	03/1.5	2.00	4.5/ Shingle	4.5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
20.	Hirlan to Kanger Hotar Road.	04/02	2.000	4.5/ Shingle	4.5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
21.	Sajikot Ghora Road.	04/04	3.00	5-6/ Shingle	5-6/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
22.	Danna Road.	2/2	6.000	5-6/3. 65	5.6/3.65	R/Wall, X-Drainage, B/Wall, Slides Road Surface repair, Drains	-do-
23.	Maira Rehmat Khan.	3/2	6.000	5-6/3.65	5-6/3.65	R/Wall, X-Drainage, B/Wall, Slides, Drains	-do-
24.	Pather Gali to Riali road.	03/02	4.000	4-5/ Shingle	4-5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
25.	Maseena Batangi road	04/03	6.00	4-5/ Shingle	4-5/ Shingle	R/Wall,X-Drainage, Slides,Drains,Road surface.	-do-
26.	Namli Gali Khun Kalan Ali Abad road including link road Moolia.	16/12	10.00	7.30-8/ Shingle	7.30-8/ Shingle	R/Wall, X-Drainage, B/Walls, Slides, Drain.	-do-
27.	Swargali Khushikot road.	05/02	5.00	7.3-8/3.65	7.3-8/3.65	R/Wall, X-Drainage, B/Walls, Slides, Drain, Road surface repair.	-do-
28.	Swargali Seer road.	5/3	10.00	7.30-8/3.65	7.30-8/3. 65	R/Wall, X-Drainage, B/Walls, Slides Road, Drain.	-do-

29.	Lora Malmoola road.	7/7	5.00	7.30-8/3.65	7.30-8/3.65	R/Wall, X-Drainage, B/Walls, Slides Road, Drain, road surface repair.	-do-
30.	Barrian Kalkot Road.	05/05	5.00	6-7/3.65	6-7/3.65	R/Wall, X-Drainage, B/Walls, Slides, Drain, road surface repair..	-do-
31.	Maira Roomal Road.	3/2	4.00	6/ Shingle	6/ Shingle	R/Wall, X-Drainage, B/Walls, Slides Drain.	-do-
32.	Nowshera Tupla road.	05/03	10.00	4-5/ Shingle	4-5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
33.	Jalsi Tupla road.	03/02	5.000	4-5 Shingle	4-5/ Shingle	R/Wall, X-Drainage, Slides, Drains	Need urgent repair/ rehabilitation
34.	Sajjangali Baggan road.	03/2.5	8.00	4-5/ Shingle	4-5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
35.	Tajwal to Danna Road.	02/1.5	4.000	4-5/ Shingle	4-5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
36.	Khoi Dawata road	04/03	3.000	4-5/ Shingle	4-6/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
37.	Kuliati to Chalotia	02/02	2.000	4/ Shingle	4/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
38.	Kanair Kass to Kohala.	04/04	22.00	7.3-8/ 3.65	7.3-8/3.65	R/Wall, X-Drainage, Slides, Drains, road surface repair.	-do-
39.	Moolia Kalaban road.	05/04	10.00	4-5/ Shingle	4-5/ Shingle	R/Wall, X-Drainage, Slides, Drains	-do-
40.	Abbottabad Link Road.	5.17/5.17	8.500	7/7	7/7	Road Surface Repair, R/Walls, Drains etc	-do-
41.	Circular Road.	1.52/1.52	2.500	7/7	7/7	Road Surface Repair, R/Walls, Drains etc	-do-
42.	Commissioner House road	0.50/0.50	0.500	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
43.	Old Deputy Commissioner House approach Road.	0.45/0.45	0.380	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
44.	District Court Road.	0.39/0.39	0.350	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
45.	Old XEN Building Office Road.	0.340/0.340	0.330	3.65/3.65	3.65/3.65	Surface Repair, R/Walls, Drains etc	-do-
46.	Old XEN Highway Office Road.	0.170/0.170	0.200	3.65/3.65	3.65/3.65	Surface Repair, R/Walls, Drains etc	-do-

47.	Frontier House Road.	2.66/2.66	2.500	7.3/3.65	7.3/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
48.	Guest House Road.	0.22/0.22	0.300	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
49.	Kutwali Road.	1.52/1.52	2.500	7.3/7.30	7.3/7.3	Road Surface Repair, R/Walls, Drains etc	-do-
50.	Police Link Road.	0.34/0.34	0.330	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
51.	Session House Road.	1.82/1.82	1.500	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
52.	Old Circle Office Road.	0.52/0.52	0.500	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
53.	Jab Jhangi Road.	2.24/2.24	2.30	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	Need urgent repair/ rehabilitation.
54.	PMA to Nawanshehr Road	3.20/3.20	3.300	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
55.	Nawanshehr Link Road.	1.30/1.30	1.500	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
56.	Jinnah Road.	1.20/1.20	2.300	7.3/7.3	7.3/7.3	Road Surface Repair, R/Walls, Drains etc	-do-
57.	DIG House road.	0.20/0.20	0.300	3.65/3.65	3.65/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
58.	Terhana Malhar road. U/C Baldhri.	02/02	1.50	5-6/3.65	5-6/3.65	Road Surface Repair, R/Walls, Drains etc	-do-
59.	PACKAGE-VI TOTAL	30.76/28.76	41.59				

CATEGORY-Ib = NIL

CATEGORY-IIa

60.	Kutaila Richbhen Road	33/27	120.00	7.30-8/3.65 B/T = 6 Km Shingle = 27 Km	7.30-8/3.65 B/T = 27 Km	Black topping, R/Walls, X- Drainage. Drain, slides. etc.	Need urgent repair/ rehabilitation.
61.	Seer Malmoola Lora road via Nagri Totial.	16/16	70.00	7.30-8/ Shingle Shingle = 16Km.	7.30-8/3.65 B/T = 16 Km.	Black topping, R/Walls, X- Drainage. Drain, slides. etc	Need urgent repair/ rehabilitation.
62.	Khushikot to lahoor.	31/26	104.00	7.30-8/ Shingle Shingle = 31Km.	7.30-8/3.65 B/T = 26 Km.	-do-	-do-
63.	Bakot Sangrari road.	4/4	16.00	5-6/ Shingle Shingle= 4Km.	5-6/3.65 B/T = 4 Km.	-do-	-do-

64.	Sajjikot Satora Jabri road.	33/31.50	126.00	6-7/ Shingle B/T = 1.50 Km. Shingle = 31.50Km.	6-7/3.65 B/T = 31.50Km.	-do-	-do-
65.	Tatial Kassala Cher road.	7/7	28.00	5-6/ Shingle Shingle= 7Km.	5-6/3.65 B/T = 7 Km.	-do-	-do-
66.	Chiiti Mitti to Malsa Gali road.	5/5	25.00	5-6/ Shingle Shingle = 5Km.	5-6/3.65 B/T = 5 Km.	-do-	-do-
67.	Hotar Kassi to Chattri Khurd Road i/c Bridge.	02/02	10.00	5-6/ Shingle Shingle = 2Km.	5-6/3.65 B/T = 2 Km.	-do-	-do-
68.	Ayub Bridge to Mala Wazirain road.	04/04	17.00	5-6/ Shingle Shingle = 4Km.	5-6/3.65 B/T = 4 Km.	-do-	-do-
69.	Danna Goreeni road.	09/09	40.00	5-6/ Shingle Shingle = 9Km.	5-6/3.65 B/T = 9 Km.	-do-	-do-
70.	Kanthiali Marhais road.	2/2	8.00	4-5/Shingle	4-5/3.65	Black topping, R/Walls, X- Drainage. Drain, slides. etc.	Need urgent repair/ rehabilitation.
71.	Bridge on Thandiani Pattan Khurd road.in Km45.	90 meter span	27.00	-	-	Construction of new Rcc Bridge.	Existing suspension Bridge damaged badly and would be replaced with RCC Bridge.
72.	Banda Pir Khan to Bani	3/3	15.000	7/ Shingle	7/3.65	Black topping, R/Walls X-Drainage, B/walls, Drain, Slides etc.	Need Urgent repair/Rehabilitati on
73.	Beer to Nabi-da-Banda	3/3	15.000	5/ Shingle	5/3.65	-do-	-do-
74.	Saji Kot to Mast Maira Via Chirian De Mohri.	2 /2	10.000	5/ Shingle	5/3.65	-do-	-do-
75.	Baldheri Road	2 /	10.000	4/ Shingle	4/3.65 (m)	-do-	do-
76.	Salhad dara Road	3 /3	15.000	5/ Shingle	5/3.65 (m)	-do-	do-
77.	Banda Battang via Banda Qazi road.	3 /3	9.000	5/ Shingle	5/3.65 (m)	-do-	do
78.	Banda Ali Khan to Karrak Maira road.	2 /2	6.000	5/ Shingle	5/3.65 (m)	-do-	do
79.	Mirpur to Kakul via Maira	5 /5	20.000	5/ Shingle	5/3.65 (m)	-do-	do
80.	Dobathar Road.	2 /2	6.000	6/ Shingle	6/3.65 (m)	-do-	do
81.	Mangal to Almaira road.	3 /	6.600	6/ Shingle	6/3.65 (m)	-do-	do

82.	Sajjikot to Almaira road.	2 /2	4.400	5/ Shingle	5/3.65 (m)	-do-	Do
83.	Kalidar Road.	5 /5	25.000	5/ Shingle	5/3.65 (m)	-do-	do
84.	Sheikhulbandi link road.	3 /3	9.000	5/ Shingle	5/3.65 (m)	-do-	do
85.	Mian De Seri KKH to Mohri road.	2.5/2.5	12.500	6/ Shingle	6/3.65 (m)	-do-	do
86.	Mirpur Mosa Zai road.	1/1	2.500	6/ Shingle	6/3.65 (m)	-do-	do
87.	Mirpur Link road.	2 /2	5.000	5/ Shingle	5/3.65 (m)	-do-	do
88.	Mosay De Hatti to Shamerda- Tarhana road.	4 /4	20.000	6/ Shingle	6/3.65 (m)	-do-	do
89.	KKH to Lalazar Colony Road	1 /1	3.000	5/ Shingle	5/3.65 (m)	-do-	do
90.	Karimabad to Saygali road.	1.5 /1.5	7.5000	5/ Shingle	5/3.65 (m)	-do-	do
91.	Murdapattian to Jabbar.	1/1	5.000	6/ Shingle	6/3.65 (m)	-do-	do
92.	Lunda to Loon pattian.	1.5/1.5	7.500	6/ Shingle	6/3.65 (m)	Black topping, R/Walls, X- Drainage. Drain, slides. etc.	Need urgent repair/ rehabilitation.
93.	Maira Mandroach to Danna road.	6/6	30.000	5/ Shingle	5/3.65 (m)	-do-	do
94.	Narrian Link road.	1/1	3.000	5/ Shingle	5/3.65 (m)	-do-	do
95.	Lumbi Dheri road.	1/1	3.000	5/ Shingle	5/3.65 (m)	-do-	do
96.	Sheikh Dheri Uchar road,	1/1	2.500	5/ Shingle	5/3.65 (m)	-do-	do
97.	Kakul Malach road.	1.5/1.5	5.000	4/ Shingle	4/3.65 (m)	-do-	do
98.	Dheri Choona Kari road.	1/1	2.500	5/ Shingle	5/3.65 (m)	-do-	do
99.	Tarkanna Road.	1/1	2.500	4/ Shingle	4/3.65 (m)	-do-	do
100.	Thanda Choa Ilyasi road.	1/1	3.000	4/ Shingle	4/3.65 (m)	-do-	do
101.	Nawansher (Harri Wali Chowki) road.	1/1	3.000	4/ Shingle	4/3.65 (m)	-do-	do

102.	Ghumawan road.	1/1	2.500	4/ Shingle	4/3.65 (m)	-do-	do
103.	Pattan Khurd Boi road.	7/7	35.000	4/ Shingle	4/3.65 (m)	-do-	do
104.	Seri Dheri to Boi.	7/7	40.000	5/ Shingle	5/3.65 (m)	-do-	do
105.	Qalandarabad to Sajjikote.	2/2	6.000	5/ Shingle	5/3.65 (m)	-do-	do
106.	Banda Pir Khan Road.	2/2	5.000	6/ Shingle	6/3.65 (m)	-do-	do
107.	Jhangi Mohri road.	2/2	6.000	4/ Shingle	4/3.65 (m)	-do-	Do
108.	Old Medical College Chowk to Basti Lal Khan.	3/3	7.500	4/ Shingle	4/3.65 (m)	-do-	do
109.	Data to Kaloo De Bandi, Chakiar via Kalidher & Kalidher Bala	8/8	40.00	4/ Shingle	4/3.65 (m)	-do-	do
110.	Zafar Market to Jabber via Terhana Ghariban & Tarhana Bala	8/8	42.00	4/ Shingle	4/3.65 (m)	-do-	do
111.	Qalandarabad to Gojri with link to Mast Maira.	4/4	16.00	5/ Shingle	5/3.65 (m)	Black topping, R/Walls, X- Drainage. Drain, slides. etc.	Need urgent repair/ rehabilitation.
112.	Mangal to Rian Da Maira with link to Pathhi Dam Maira via Nikka Pani	5/5	25.00	5/ Shingle	5/3.65 (m)	-do-	do
113.	Frontier House to Boi-di- Gali Via Dobather.	6/6	30.00	5/ Shingle	5/3.65 (m)	-do-	do
114.	Thathi Ahmed Khan to Bairi Nechan with link to Kharpair	6/6	30.00	5/ Shingle	5/3.65 (m)	-do-	do
115.	Mangal to Hallmaira Zerrin	6/6	35.00	4/ Shingle	4/3.65 (m)	-do-	do
116.	Kuthiala Galli to Chairha via Missar UC Chamed.	1.5/1.5	10.00	5/ Shingle	5/3.65 (m)	-do-	-do-

117.	Danna to Maira Rehmat Khan Road.	05/05	25.00	4/ Shingle	4/3.65 (m)	-do-	-do-
118.	Narrian road	3/3	7.500	4/ Shingle	4/3.65	-do-	-do-
119.	Link road Sirla Khurd.	2/2	9.000	5/ Shingle	5/3,65	-do-	-do-
120.	PCC Road Mir Alam Town Abbottaabad.	01/01	3.00	4/ Shingle	4/3.65	PCC work	-do-
CATEGORY-III							
121.	Domail Bridge	30 m	9.00	-	-	Construction of new Bridge.	Road were constructed but peoples face great hardship in absence of bridges. Several innocent peoples loose their lives.Construction of these bridges are need of hour and would play vital role in the development of communication sector.
122.	Bagan Tajwal Bridge	30 m	9.00	-	-	-do-	
123.	Bridge on Namli Maira road.	20 m	6.00	-	-	-do-	
124.	Bridge on Kohala Moolia road	60 m	18.00	-	-	-do-	
125.	Bridge on Boi Batangi Road.	30 m	3.29	-	-	Sub structure only will required (DFID FUNDED)	
126.	Bridge on lalgah road.	30 m	9.00	-	-	Construction of new Bridge	
127.	Bridge on lunda katha Thandiani road.	30 m	9.00	-	-	-do-	
128.	Bridge on Ternawai Katha.	20 m	6.00	-	-	-do-	
129.	Bridge at Swargali Lahoor road. at KM 29.	25 m	3.00	-	-	Sub structure only will required (DFID FUNDED)	
CATEGORY-IIb							
130.	Pathergali- Boi road..	13/13	78.00	4-5/ Shingle	7.30-8/3.65	Widening & Black topping, R/Walls, X- Drainage. Drain, slides. etc.	Need urgent repair/ rehabilitation.
131.	Herlan to Satora road.	3/3	18.00	4.5-5/ Shingle	7.30-8/3.65	-do-	-do-

DISTRICT MANSEHRA
WORKS & SERVICES

Ser	Name of Road	Total Length/ Damaged Length (Km)	Estimate cost Rs(M)	Existing Formation/black topped width(m)	Proposed formation/ black topped width(m)	Scope of work
CATEGORY -Ia						
1.	Balakot Hangrai Road 17	17/15	28.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
2.	Oghi Darband Road	35/35	105.000	7.31/3.65	7.31/3.65	
3.	Darband Thakot Road	44/44	132.000	5-shingle	5 -shingle	Retaining structure/X-Drainage E/Works
4.	Oghi Ahl Road	22/22	26.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
5.	Chansair chamal Karori Road	18/18	18.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
6.	Paras Suan Road	'8/8	24.000	5 -3.65- shingle =8 km	5 -3.65- shingle =8 km	Retaining structure/X-Drainage E/Works.
7.	Talhatta Surwai Road (4 km)	4/4	11.000	5-3.65-B.T=2 km shingle= 2 km	5-3.65-B.T=2 km shingle= 2 km	Retaining structure/X-Drainage E/Works & Black topping.
8.	Kashtra Sughdar Road with Link to Las pattian	10/10	40.000	5-3.65-B/T=5 km shingle =5 km	5-3.65-B/T=5 km shingle =5 km	Retaining structure/X-Drainage E/Works & Black topping.
9.	Dheri Narah Batsangra Road	12/12	45.000	5 -3.65-B/T=5 km shingle =7 km	5 -3.65-B/T=5 km shingle=7 km	Retaining structure/X-Drainage E/Works & Black topping.
10.	Chakia Narbeer Road	6/6	18.000	7.31 -3.65-B/T=6 km	7.31 -3.65-B/T=6 km	Retaining structure/X-Drainage E/Works & Black topping.
11.	Link Road Mansehra Safaida.	5/5	15.000	7.31 -3.65-B/T=5 km	7 -3.65-B/T=5 km	Retaining structure/X-Drainage E/Works & Black topping. Retaining structure/X-Drainage E/Works & Black topping.
12.	Link Road Khushala.	2/2	8.000	5.48-3.65	5.48-3.65	Retaining structure/X-Drainage E/Works & Black topping. Retaining structure/X-Drainage E/Works & Black topping.

13.	Janglan to Sundar road	3/3	6.000	4.5-Shingle	4.5-Shingle	
14.	Hazara University to Jabba Road	8.5/8.5	32.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
15.	Birkund Nokot Road	5/5	15.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
16.	Hamsharian Timber Khola Road	2/2	18.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
17.	Link Road Bai Bala.	2/2	6.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
18.	Sathan Gali To Kud Bala	2/2	13.000	4.5-shingle	4.5-shingle	
19.	Mansehra Baidra Gojra Baidra Road	16.5/16.5	48.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
20.	Mansehra Ogra Road	2/2	8.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
21.	Maira Amjad Ali Road	6/6	19.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
22.	Sandisar Road	2/2	8.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
23.	Chitta Batta Road	2/2	8.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
24.	Link Road MNJ to Banda Sydan	4/4	16.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
25.	Mansehra Bus Stand to Pano	2.5/2.5	10.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
26.	Link Road Dhodial Banda Peran Road.	3/3	12.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
27.	Link Road Baffa Kulharay.	5/5	21.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
28.	Link Road Khawari NANOHA.	6/6	24.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
29.	Baidra Link road	1.5/1.5	4.500	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.

30.	Panialy Road to Babral	4/4	12.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
31.	Nawaz Abad Manda Gucha Road	5/5	15.000	7.31/3.65	7.31/3.65	Retaining structure/X-Drainage E/Works & Black topping.
32.	Manda Gucha Jacha Road	3/3	6.000	4.5/shingle	4.5/shingle	Retaining Structure/x-Drainage E/work
33.	K.K.h to Baffa	3.5/3.5	9.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
34.	Bai Bajna Shungli Road	12/12	16.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
35.	Shergarh to Parhina Road	18/18	42.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
36.	Manchora Bellian Road	5.5/5.5	6.500	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
37.	Darband Haripur Road	22/22	77.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
38.	Machay Sar Road	7/7	24.500	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
39.	Sokal Road	5/5	10.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
40.	Khamari Khamian Namshera Sehra Gali road	12/12	24.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
41.	Chattar Bali Mang road	5/5	25.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
42.	Rug Road	1/1	5.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
43.	Chlundrian Shakot Road	5/5	25.000	7.31/5.48	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
44.	Dehran Road	2.5/2.5	10.000	7.31-5.48 -B/T	7.31/5.48	Retaining structure/X-Drainage E/Works & Black topping.
45.	Sungli Bandi to Sari Kohani Road	22/22	44.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work

46.	Judbah to Zangai Gitto Road	20/20	40.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
47.	Katley to Phagban Road	18/18	36.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
48.	Tilli Kadow to Tilli Hassan Zai road	4.5/4.5	9.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
49.	Peshora to Bartooni road	20/20	40.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
50.	Chorkalan to Shatal Road	18/18	36.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
51.	Shagai to Yahqoob Hasharai Road	8/8	20.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
52.	Gavey to Balyani Road	5/5	12.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
53.	Gijbori to Kamaiser	8/8	20.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
54.	Chakal to Gangat Hassan Zai Road	12/12	24.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
55.	Bagrian Road	2.5/2.5	5.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
CATEGORY -Ib						
56.	Kap Gali Sandu road	3/3	7.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
57.	Kaghan Maidan road	6/6	15.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
58.	Kaghan Agla Gran Road	1/1	2.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
59.	Parla Gran to Mukhlian Road	5/5	12.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
60.	Rajawal Bridge to Rajwal Village road	1.5/1.5	3.750	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
61.	Khanian to Kamal Ban Road	5/5	12.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
62.	Phagal Road	6/6	15.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
63.	Rajwal to Ratta Chang Road	3/3	7.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work

64.	Battakundi Kandora Road	3/3	7.500	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
65.	Battakundi to Serian Road	4/4	10.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
66.	Shiliwal wala Baila to Bans Road	2/2	5.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
67.	Mano Jabra to Battal Makhan Mori Road	10/10	25.000	4.5-Shingle	4.5-Shingle	Retaining Structure/x-Drainage E/work
68.	Gali Gada Khan Road	4/4	14.000			Black Topping work
69.	Bhoraj to Tappi Road	6.5/6.5	26.000	5-shingle	5-3.65 B/T	Black Topping work
70.	Pairan Khair Abad Road	8/8	35.000	5-shingle	5-3.65 B/T	
71.	Bara Ziarat Gali Gada Jalgali Road.	10/10	45.000	5-shingle	5-3.65 B/T	Black Topping work
72.	Link Road Tanda Shinkiari.	1/1	4.000	5-shingle	5-3.65 B/T	
73.	Link Road Mangan Machi Pol Road.	2/2	8.000	5-shingle	5-3.65 B/T	Black Topping work
74.	Link Road Nakot to Baffa Mera Road.	4/4	16.000	5-shingle	5-3.65 B/T	
75.	Link Road Pairan Lunda	2/2	9.000	5-shingle	5-3.65 B/T	Black Topping work
76.	Link Road Darra (Saleem Khan) Laber Kot.	1.25/1.25	4.000	5-shingle	5-3.65 B/T	
77.	Link Road Darra Laber Kot.	3/3	12.000	5-shingle	5-3.65 B/T	Black Topping work
78.	Landai to Khawajghan road	3/3	12.000	5-shingle	5-3.65 B/T	
79.	Phulra Mohar Darband Road	23/23	80.500	5-shingle	5-3.65 B/T	Black Topping work
80.	Chorlklan Road	4.5/4.5	12.000	5-shingle	5-3.65 B/T	

81.	Naryala Siri Mehr Gul Thakra road	14/14	42.000	5-shingle	5-3.65 B/T	Black Topping work
82.	Sehrari to Namshehra via Nariala	14/14	42.000	5-shingle	5-3.65 B/T	
83.	Khund Gran Devl Sehra Gali Road	10/10	40.000	5-shingle	5-3.65 B/T	Black Topping work
84.	Karkala Link Road	4/4	16.000	5-shingle	5-3.65 B/T	
85.	Bradar Link Road	2/2	8.000	5-shingle	5-3.65 B/T	Black Topping work
86.	Phalai Bali Mang Road	2/2	8.000	5-shingle	5-3.65 B/T	
87.	Bai Bajna to Kotera Ramkot Road	1.5/1.5	4.500	5-shingle	5-3.65 B/T	Black Topping work
88.	Khaki Shah Baba Ziarat to Safaida Road	5/5	15.000	5-shingle	5-3.65 B/T	
89.	Sherhan Valley – Bela Sacha - Paris - Kaghan	10/10	40.00	Shingle	5-3.65 B/T	Black Topping work
90.	Kathi - Gharan (Ghanool – Paprang	7/7	28.00	Shingle	5-3.65 B/T	Black Topping work
91.	Jawar Phagora Road	3/3	9.000	5-shingle	5-3.65 B/T	Black Topping work
92.	Malkana Neel Batla Road	15/15	45.000	5-shingle	5-3.65 B/T	
93.	Cheen kot Road	3/3	9.000	5-shingle	5-3.65 B/T	Black Topping work
94.	Damdhari Road	1/1	4.000	5-shingle	5-3.65 B/T	
95.	Ismail Bandi Road	2/2	6.000	5-shingle	5-3.65 B/T	Black Topping work
96.	Angar Bainr Road	8/8	32.000	5-shingle	5-3.65 B/T	
97.	Nika Pani to Chambari road	13/13	39.000	5-shingle	5-3.65 B/T	Black Topping work
98.	Tras Bai Link Road	4/4	16.000	5-shingle	5-3.65 B/T	
99.	Kiara Link Road	3/3	9.000	5-shingle	5-3.65 B/T	Black Topping work
100.	Dheri Link Road	2/2	6.000	5-shingle	5-3.65 B/T	

101.	Nel Bal Road	6/6	18.000	5-shingle	5-3.65 B/T	Black Topping work
102.	Lami To Khabal	5/5	15.000	5-shingle	5-3.65 B/T	
103.	Gali Badral road to Seri Gorla Road	8/8	24.000	5-shingle	5-3.65 B/T	Black Topping work
104.	Shahkot Namshera road	5/5	15.000	5-shingle	5-3.65 B/T	
CATEGORY Iib						
105.	Batkas to Lami	5/5	15.000	5-shingle	5-shingle	Retaining Structure/x-Drainage E/work/ Realignment
106.	Bankoti Road	3/3	12.000	5-shingle	5-shingle	Retaining Structure/x-Drainage E/work/ Realignment
107.	Afzal Chirya road	5/5	25.000	5-shingle	5-shingle	Retaining Structure/x-Drainage E/work/ Realignment
108.	Kanant to Timer Khola via Miswal Road	5/5	24.000	5-shingle	5-shingle	Retaining Structure/x-Drainage E/work/ Realignment
109.	Mangloor road to Balhag Bala & Payeen	4/4	19.000	5-shingle	5-shingle	Retaining Structure/x-Drainage E/work/ Realignment
110.	Palmgali to Khabal Road	16/16	80.000	4.5 shingle	4.5 shingle	Retaining Structure/x-Drainage E/work/ Realignment
111.	Dokani Mehrran Doot kot Devli Road	8/8	16.000	4.5 shingle	4.5 shingle	Retaining Structure/x-Drainage E/work/ Realignment
112.	Shamdara Hawa Gali Tatar road	14/14	75.000	4.5 shingle	4.5 shingle	Retaining Structure/x-Drainage E/work/ Realignment
113.	Sher Ghar Seri Gorya Road	9/9	18.000	4.5 shingle	4.5 shingle	Retaining Structure/x-Drainage E/work/ Realignment
114.	Hilkot Bali Mang road via Kund Bala	10/10	30.000	4.5 shingle	4.5 shingle	Retaining Structure/x-Drainage E/work/ Realignment
115.	Kotla Berbut Road	6/6	30.000	4.5 shingle	4.5 shingle	Retaining Structure/x-Drainage E/work/ Realignment
116.	Bai Bajna Road to Sunj Patian Road	12/12	36.000	4.5 shingle	4.5 shingle	Retaining Structure/x-Drainage E/work/ Realignment

117.	Bandi Parow to Chamyl Gorain Gali	15/15	75.000	4.5 shingle	4.5 shingle	Retaining Structure/x-Drainage E/work/ Realignment
118.	Ganian to Shahtoot Road	6/6	30.000	4.5 shingle	4.5 shingle	Retaining Structure/x-Drainage E/work/ Realignment
119.	Batang Sydan Karmati Road	6/6	30.000	4.5 shingle	4.5 shingle	Retaining Structure/x-Drainage E/work/ Realignment
120.	Nawazabad Shinkari Road km 9	15.24	1.83			Sub structure only required.Super structure funded by DFID
121.	Jared Village road km - 1	30.48	3.65			-----do-----
122.	Repair of Garhi Habibullah steel Bridge	61	0.964	Steel girder bridge	Steel girder bridge	Repair of decking,railing ,paint etc
123.	Re construction of Kaghan Bela Bridge	76	6	Suspension bridge	Suspension bridge	Reconstruction on suspension bridge
124.	Balakot to Garhi Habib ullah Road km 15	45	17	RCC	RCC	Reconstruction
125.	Parore suspension bridge	75	6	Suspension bridge	Suspension bridge	Construction of steel suspension bridge
126.	Dar seeri steel bridge	83	14.11	Steel girder bridge	Steel girder bridge	Construction of steel girder bridge
127.	Reconstution Nadi Hari wala steel bridge	60	18	Steel girder bridge	Steel girder bridge	Construction of steel girder bridge
128.	Reconstruction of 2 no RCC Bridges at Suan	30	9	wooden bridge	RCC	Reconstruction
129.	Suspension bridge at Balakot	70	4.2	Suspension bridge	Suspension bridge	Repair of decking, towers etc
130.	Shinkari Suspension Bridge	160	9.6	Suspension bridge	Suspension bridge	Repair
131.	Batkass RCC bridge	35	10.5	RCC	RCC	Reconstruction
132.	Khaki Bridge at Siran river	190	57	RCC	RCC	Reconstruction
133.	Hamsherien Bridge on River Icher	60	18	RCC	RCC	Reconstruction

134.	Bridge on Shinkhari Dadar Road km 9	15	4.5	RCC	RCC	Reconstruction
135.	Repair/Widening of Bridges on Bafa Doraha ichrian Road km 3 & 4	30	2.5	RCC	RCC	Reconstruction
136.	Baidra Gojra Road bridge on River Siran	30	9	RCC	RCC	Reconstruction
137.	repair of Bridges on Bajna Road km 1 & 3	30	1.8	RCC	RCC	Reconstruction
138.	Oghi Darband Road km 2	35	10.5	RCC	RCC	Reconstruction
139.	Thakot darband Road km 21	45	13.5	RCC	RCC	Reconstruction
140.	Dogai Bridge	20	6	RCC		Reconstruction

UNFUNDED ROADS / BRIDGES (W&S DEPARTMENT)
DISTRICT BATTAGRAM

S.No.	Tehsil/Name of Road	Total Length/damaged length (Km)	Estimate cost Rs(M)	Existing Formation/black topped width(m)	Proposed formation/black topped width(m)	Scope of work	Justification with reference to Earthquake.
Category –Ia							
1.	Shingri to Joz Road	5/5	15.000	4.5-3.65-B/T=0.5 km Shingle=4.5 km	4.5-3.65-B/T=0.5 km Shingle=4.5 km	Retaining Structure/x Drainage, E Work & B topping Work.	The area of Battagram District badly damaged in Earthquake on 8.10.2005 and huge casualties occurred in case of deaths and injuries and houses collapsed. The road net work also disturbed due to creation of fissures and retaining structures damaged in various reaches and also land slides and slips occurred on most of the reaches. Hence this road need rehabilitation for relief and rescue operation of the area.
2.	Kadley Road 5 km	5/5	16.000	4.5-3.65-B/T=0.5 km Shingle=4.5 km	4.5-3.65-B/T=0.5 km Shingle=4.5 km	-do-	----do-----
3.	Kadow Meran Road 4 km	4/4	12.000	5-Shingle=4 km	5-Shingle=4 km	Retaining Structure/x Drainage ,E Work .	----do-----
4.	Blandkot Road	8/8	40.000	5-3.65 –B/T=4 Shingle =4	5-3.65 –B/T=4 Shingle =4	Retaining Structure/x Drainage, E Work & B topping Work.	----do-----
5.	Gijbori Nowshera Road 4 km	4/4	20.000	5-3.65 –B/T=4	5-3.65 –B/T=4	Retaining Structure/x Drainage, E Work & B topping Work.	----do-----
6.	Banda Akhoon Zadgan Road	4/4	20.000	5-3.65 –B/T=4	5-3.65 –B/T=4	Retaining Structure/x Drainage, E Work & B topping Work.	----do-----
7.	Neli shang gali to Kathor Sarmasr	5/5	15.00	5-shingle=5 km	5-shingle=5 km	Retaining Structure/x Drainage, E Work . -	-----do--
8.	Bab Khawar to village road	2/1	3.00	5-shingle=1 km	5-shingle= 1km	Retaining Structure/x Drainage, E Work . -	-----do-----
Belly Bridge							

9.	Gibori Bridge on Oghi Battagram road i/c approaches	39.62	4.75			Reconstruction of sub – structure	Super structure of the bridge will be funded by DFID.
10.	Biari Nullah Karag Gangwal road i/c approaches	30.48	3.65			-----do-----	-----do-----
11.	Kotgala from main KKH road	45.72	5.48			-----do-----	-----do-----
Steel Bridges							
12.	Bridge on Tailous Pashto Road in Km-8	15	8.613			Reconstruction of new RCC bridge	
13.	Bridge on Palang Roop Kanai Nullah	45	11.730			-----do-----	-----do-----
14.	RCC brige in KM 5 on Karrag Jabur Road	30	11.748			-----do-----	-----do-----
15.	RCC Bridge in KM 12 on Kund (Besham) Banna Road	15	5.874			-----do-----	-----do-----
16.	RCC Bridge in KM 22 on Battagram Shamlai Hill Road	37	14.489			-----do-----	-----do-----
17.	Bridge on approach Road on Govt: Degree College for Boys.	10	3.916			-----do-----	-----do-----

UNFUNDED ROADS / BRIDGES (W&S DEPARTMENT)**DISTRICT SHANGLA**

S. No.	Tehsil / Name of Road	Total length / Damaged length K.M	Estimated Cost.Rs (M)	Existing Formation / Block Topped width (M)	Proposed Formation / Black Topped width (M)	Scope of work	Justification
	PACKAGE-I						
2	Repair of bridges on Yakhtangi Puran Murtung Road in Km 4,7,9,,29,33,42(6 No)	i) 10 m ii) 10 m iii) 10 m iv) 10 m v) 10 m vi) 10 m <hr/> T=60 m	12	---	---	Repair of bridges	Repair of Arch bridges

UNFUNDED ROADS / BRIDGES (W&S DEPARTMENT)
DISTRICT KOHISTAN

S.No.	Tehsil/Name of Road	Total Length/damaged length (Km)	Estimate cost Rs(M)	Existing Formation/black topped width(m)	Proposed formation/black topped width(m)	Scope of work	Justification with reference to Earthquake.
CATEGORY-II							
1.	Kuz Paro to Muru Road	20/20	30	Shingle	Shingle	R/Wall, X-Drainage, B/Wall, Slides Road Surface repair, Drains.	-do-
2.	Kuz Paro to Geddar Chur Road	40/40	35	Shingle	Shingle	-do-	-do-
3.	Sharakot to Ber Sheryal Road	13/13	18	7.3/4.65	7.3/4.65	-do-	-do-
4.	Repair, Cutting and Black Topping of Sharakot Road from	3/3	10	5/3.65	5/3.65	-do-	-do-
5.	Repair, expansion and Black Topping of Pattan Ziarat Baila Road from beginning to end	4/4	12	5/3.00	5/3.65	-do-	-do-
6.	Kulai Maidan Shimal Road	8/8	8	Shingle	Shingle	-do-	-do-