



Government of Nepal
Ministry of Local Development
Department of Local Infrastructure
Development and Agricultural
Roads (DoLIDAR)



Schweizerische Eidgenossenschaft
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Inception Report (IR)

Up to March 2012

Fiscal Year- 2011/2012 (2067/68)



LOCAL ROADS BRIDGE PROGRAMME (LRBP)

GoN (DoLIDAR) in collaboration with Swiss Agency for Development and Cooperation

Local Roads Bridge Support Unit (LRBSU)

Manbhawan, Lalitpur, Nepal

March, 2012

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List of Abbreviations

APR	Annual Project Report
ADB	Asian Development Bank
BS	Bridge Section at DoLIDAR
CS&CDA	Community Safeguard and Community Development Assistant
DAG	Disadvantaged Groups
DDC	District Development Committee
DDG	Deputy Director General
DG	Director General
DTL	District Team Leader
DoLIDAR	Department of Local Infrastructure Development and Agricultural Roads
DoR	Department of Roads
DRILP	Decentralized Rural Infrastructure and Livelihood Project
DRCC	District Road Coordination Committee
DRSP	District Roads Support Program
DTMP	District Transport Master Plan
DTO	District Technical Office/Officer
GoN	Government of Nepal
GTZ	German Technical Cooperation
IOE	Institute of Engineering
IPTM	Institute of Professional Training and Management
JICA	Japan International Cooperation Agency
Kms	Kilometers
LRBP	Local Roads Bridge Programme
LRBSU	Local Roads Bridge Support Unit
LDO	Local Development Officer
LRN	Local Road Network
LSGA	Local Self Governance Act
MBUC	Motorable Bridge User Committee
MDG	Millennium Development Goals
MoF	Ministry of Finance
MoLD	Ministry of Local Development
NGO	Non-Governmental Organization
NPC	National Planning Commission
PICC	Program Implementation Coordination Committee
PSU	Program Support Unit
PCU	Program Coordination Unit
RAIDP	Rural Access Infrastructure and Decentralization Project
RAP	Rural Access Program
RRRSDP	Rural Reconstruction and Rehabilitation Sector Development Program
SDC	Swiss Agency for Development and Cooperation
SE	Sub Engineer
SRN	Strategic Road Network
TA	Technical Assistance
TL	Team Leader
VDC	Village Development Committee
WB	World Bank
WoS	Walkover Survey
YPO	Yearly Plan of Operations
ZOI	Zone of Influence

Executive Summary

This is the Inception Report of Local Roads Bridge Programme (LRBP) for its 1st Fiscal Year. This report provides the summary status and the achievement as of March 2012. According to the Yearly plan of Operation of LRBP, criteria for screening and prioritization of bridges developed and provided to all DDCs/DTOs to get their valuable comment and suggestion for the improvement. Besides, LRBP placed these criteria in 1st PICC meeting on 11 January 2012 (27 Poush 2068) for the finalization and get its approval. Likewise, Procurement Guideline, Code of conduct for field staff, Baseline HH and Settlement Survey Form and Guidelines for local motorable bridges have been initiated.

Central level staffs members position in LRBSU fulfilled where Sub-engineers have been placed to supervise 25 bridges ongoing construction works in 23 districts from February 2012. A baseline HH and settlement survey of the pilot Molung bridge of Okhaldhunga and Sapsu/Tuwa bridges of Khotang districts has already been carried out. Besides, CS&CDA is planning to place in the concerned Cluster district in coming month to conduct baseline HH and settlement survey of ongoing bridges and to initiate social activities. A programme orientation workshop to staff and district stakeholders especially LDOs and DTOs was organized to brief on Program document. In addition, Bridge Design Management training was carried out to capacitate, technical persons of DTO in Kathmandu, Biratnagar, Nepalganj and Pokhara. Meeting organized with different dignitary personnel of IOE and communicated for cooperation work where proposals for collaboration works are expected to submit by the end of March and interaction meeting in progress with representatives from Federation of Contractor's Association of Nepal for occupation skill training.

Within the reporting period, LRBSU have been supported in the construction supervision of 25 bridges, design verification of 36 bridges that has already been designed by DoLIDAR through local Consultants. Additional support has been provided for 24 bridges, out of them field verification and design construction services provided to RRRSDP for 6 bridges and design support to 18 RAIDP bridges within DoLIDAR. Comment/suggestion on design reports of these bridges given after site visits and field verification to the Consultants through DoLIDAR. In addition to that 284 bridges walkover survey have been completed in 66 districts, out of which 147 bridges of DoLIDAR and 137 additional bridges as per the recommendation by respective DDCs/DTOs, so far.

An IEE study of Karnali River proposed bridge site of Humla district have been done by LRBSU team on request of DDC/DoLIDAR where the MoLD approved the IEE final report. TOR preparation for IEE study of 7 selected bridge sites have been approved by MoLD and study will start from April, 2012.

GIS system is established in LRBSU. Maps and other spatial data relevant to bridge site are provided in regular basis to the LRBSU field team for design verification/social survey purpose. Additionally, LRBP has developed a web page named www.lrbpnepal and on line information platform e-filing system that is activated so that people can access anytime from anywhere. Moreover, LRBP Bridge Information Management System (BIMS) is in under progress.

1. Background

Isolation and lack of access (all weather) are one of the primary reasons of high incidence of rural poverty in Nepal. Therefore, the origin of LRBP has come from the understanding that one of the major causes of rural poverty in Nepal is lack of access to the markets and service centers due to the absence of satisfactorily maintained local roads and bridges connecting them. Without the dependable motorable crossings on the rivers, people living in the ZoI area are not able to get maximum benefit from the roads constructed and also the investments made in road are not fully utilized. In line with above, the LRBP is started with a goal to “*People in the programme districts have improved livelihoods*” by facilitating them with better access and improved mobility and National and local institutions adopt appropriate local road bridge strategy. Besides, the project has to research/pilot some of the cost effective designs, set norms and standards for this and recommend those norms & standards to apply in construction of local road bridges. Likewise, enhancing the capacity of DoLIDAR, different partner agencies, contractors and consulting firms is one of the major components of the project.

SDC has provided technical and financial assistance to LRBP sector since 23 March 2011 in Nepal. In this regard, LRBP started its Local Road Bridge activities in 75 district of Nepal through DDCs/DTOs in the districts and DoLIDAR. The overall budget of the project is NPR 2,658.00 million and total budget for this fiscal year is estimated at NPR 535.95 million.

2. Programme Input/s (Means of Delivery)

1.1. Human Resources:

- **Central Level Staff:**
 - Hiring of central level 11 staff members position in LRBSU, almost completed. One technical person cum Sub-engineer temporarily assigned in the LRBSU to manage the e-filing system of LRBSU and controlling / managing all technical reports, drawings and correspondences.
- **District Level Staff :**
 - **Community Safeguard and Community Development Assistants** all 8 positions fulfilled.
 - Out of 8 **District Team Leaders** positions, 4 partially completed 38/(76) where remaining 4 DTLs positions hiring process is still ongoing and written exam. Will be on April 05, 2012. Altogether 32 candidates called for the same. First we will have written only after the result of the same we will go for next process that is interview and presentation and final selection.
 - **Sub Engineers** – We had taken 25; out of that one left; 24 remaining. For rest 36 processes to be initiated by mid of April 2012.
- **Driver:** Selection process completed.
- **Intern:** Planning to take few; process to be initiated by May 2012.
- There are over 36 percentage staffs from discriminated group in LRBSU team.

1.2. Procurement and Material Resources:

Name of Item	Quantity	Unit	Rate	Budget Equivalent to NRs	Actual Equivalent to NRs
A. Office vehicles	<ul style="list-style-type: none"> 2-Vehicle (Nissan Pick-up) 1-Vehicle (Toyota Land Cruiser Prado) 20- Motorbikes (Bajaj Discover -150) 	#	<ul style="list-style-type: none"> JPY 1,785,000 JPY 4,470,600 INR 42,050 	9'364'627	<ul style="list-style-type: none"> 3,5128,80.00 4,399,070.40 1,345,600.00
B. Office and Field Equipments	<ul style="list-style-type: none"> Computers (1-Desktop: Dell Precision T1600 Workstation with Ultrasharp 24" Monitor), (48-Dell Latitude E6410 Notebook) Printers (HP Laserjet Printer P2055, P2055) Plotters 	#	<ul style="list-style-type: none"> 209,000(DT) 45,840/1125 00 (LT) 49,000.00/4 7,787.61 	5'354'000	<ul style="list-style-type: none"> 2,976,463.23 96,787.61 Process to be initiated
C. Softwares and other references	<ul style="list-style-type: none"> Books (No) Bridge design Softwares GIS Softwares 	#		2'674'000	<ul style="list-style-type: none"> Process to be initiated
YPO-Total cost estimate (A+B+C)				17'392'627	8817921.24 (51%)
D. LRBSU Office Building	<ul style="list-style-type: none"> Office building Renovation TL/Meeting room Pantry New office building 	#	<ul style="list-style-type: none"> 720561.66 149812.51 239248.61 1817491.82 	<ul style="list-style-type: none"> 720561.66 149812.51 239248.61 1817491.82 	<ul style="list-style-type: none"> 720561.66 149812.51 239248.61 Under construction

1.3. Financial Resources:

Code	Budget Head	Budget for the FY 2011/12	Expenditure up to 28 March 2012	Budget Balance (Rs.)	Budget Balance (Rs.)
3.4	Fees for National Experts	2,490000.00	56,0000.00	2,434,000.00	97.75%
3.6	Remuneration to National Support Staffs	63,661000.00	17,579,931.03	46,081,068.97	72.39%
3.7	Reimbursable Costs	1,867500.00	2,696,791.55	829,291.55	-44.41%
3.8	Purchase of Equipment for PIU	17,392630.00	16,023,275.96	1,369,354.04	7.87%
3.9	Operating Costs PIU	11,190720.00	5,994,182.62	5,196,537.38	46.44%
4.0	Consulting services for designing	43,160000.00	-	43,160,000.00	100.0%
4.0	Research and Development	18,924000.00	196,900.00	18,727,100.00	98.96%
4.0	Capacity Building	8,300000.00	3,481,625.97	4,818,374.03	58.05%
Total		166,985850.00	46,028,707.13		
				Overall Budget Balance	72.44%

Note:

- Expenses are reported on Cash Payment basis.
- Expenses under Reimbursable Costs are more than budgeted for the FY, primarily due to cost incurred for Walkover Survey which was not envisaged during YPO formulation.
- Activities under consulting services for designing are initiated but the payments are yet to be made.

3. CARRYING OUT ACTIVITIES:

1.4. Programme Orientation workshop:

A workshop was held on 21 -22 July 2011 to brief LRBSU team on Program document. The workshop was meant to create a common understanding in the concept of the program and working modality. Several unclear issues were clarified in the work-shop. Mr. Aman Jonchhe, Programme Management Specialist from SDC and Ms. Jun Hada, Senior Programme Officer from SDC participated in the work-shop and facilitated to develop better understanding by clarifying the unclear issues to the LRBSU Team. LRBSU team updated the progress on LRBSU activities including the draft YPO. The comments received were incorporated in the YPO.



1.5. Start-up interaction workshop for District stakeholders:

Local Roads Bridge Support Unit had organized one day start-up interaction workshop in Kathmandu on 22 September, 2011 for the concerned stakeholders especially 75 districts LDOs and DTOs. The major objective of the workshop was to illustrate the overview of the Local Roads Bridge Programme (LRBP) among district stakeholders especially to LDOs and DTOs in order to play their roles and responsibilities for smooth planning and implementation of the programmes more effectively and efficiently in the districts. Altogether, 144 participants from 75 districts attended the workshop. The workshop was facilitated



by Mr. Kamal Jaishi, Coordinator LRBP-DoLIDAR in the first half and Mr. Vijay Singh Shrestha, Planning Monitoring and Quality Inspection Specialist-LRBSU in the second half.

DDG, Mr. Ram Krishna Sapkota reiterated that LRBP programme was started as per the government request for technical assistance to SDC. He highlighted the lack of technical professionals in the district level for implementation of important local infrastructure, like motor able bridges. He mentioned that although there is now clear demarcation between LRN and SRN bridges, there is serious lack of capacity and guidelines for local bridges. Finally, DG Mr. Basnyet urged the LDOs and DTOs present to help with all their capacity to the success as LRBP. .

1.6. Programme Orientation and Technical Training on Bridge to Sub-engineers

The programme orientation training to the SEs was carried out from 15 to 23 November, 2011. The trainees were welcomed jointly by Mr. Shakil Manandhar, Mr. Vijay Singh Shrestha from the LRBSU and Mr. Kishore Kumar Shakya (IPTM, Nepal). Mr. Shakil and Mr. Vijay highlighted the importance of the project and the working model for this project designed to assist DoLIDAR in building local road bridges. They also explained the roles of the SEs will be to work in the actual bridge construction sites along with the DDCs & DoLIDAR engineers and contractor and help in the quality construction process and ensure timely completion of work. The major objective of the orientation cum training



programme is to make the newly recruited sub- engineers aware of the LRBSU as a whole and making them trained in the technical aspects of bridge construction management. The 1st three days of the training program was dedicated to the in-house orientation by the LRBSU project officials. This provided an opportunity for them to be familiarized with the working environment and objectives of the project and their defined responsibilities. The 2nd three days training focused on the different aspects of bridge engineering by the relevant experts of the field. The training topics dwelt on the bridge layout and drawings, bridge construction related with open, pile and well foundation, concrete technology and quality control in bridges. The 3rd two days was the survey and layout of bridge axis.

1.7. Steering Committee Meeting:

The Secretary of Ministry of Local Development Mr. Sushil Ghimire chaired the Steering Committee (SC) meeting on 10th August 2011. Mr. Ram Krishna Sapkota, DDG/DoLIDAR welcomed entire participants and Mr. Kamal Jashi Programme Coordinator (LBS/DoLIDAR) of LRBP facilitated the meeting. The main objective of the SC meeting was to share the status of the project, approve the Yearly Plan of Operation (YPO) of LRBP and share bridge screening and selection criteria.

After having interactive discussions on issues mentioned above, the chairperson announced the Yearly Plan of Operation (YPO) have been approved and it was also decided to take the proposed bridge selection criteria for wider consultation among LDOs, DTOs, and other stakeholders and tentative date for approval of selection criteria is January 2012. Finally, the chairperson thanked Ms. Elisabeth von Capeller of SDC and all for their participation and closed the meeting.

1.8. Bridge Design Management (BDM) Training to District Engineers

Three events of 4 days BDM training to the technical persons of District Engineer were organized in Biratnagar, Nepalganj and Pokhara. Mr. Vijay Singh Shrestha, Planning Monitoring and Quality Inspection Specialist and Mr. Chuman Babu Shrestha of LRBP highlighted briefly about the LRBP and the training objective. The training was organized with a view to capacitate the trainees in Bridge Design Management issues as part of their capacity enhancement process with technical support from Advance Research and Training Institute (ARTIst) and IPTM. In total, 57 Engineers representing 54 DDCs/DTOs participated. The training was focused on design of superstructure and sub-structures of Bridges where participants were able to receive the intended benefit of the training and as a consequence the participants gained confidence to check and manage the bridge designs.



1.9. “Walkover Survey” pre-feasibility survey of proposed bridges

As per the written request of DoLIDAR as of 23 October 2011, a Walk over Survey of 151 proposed bridge sites were conducted to collect the basic socio-technical information about the proposed bridge sites in close coordination and collaboration with DDCs/DTOs of 68 districts. For this staff were mobilized from 5th December on ward to carry out the activity. Each group consists of one CSSDA with two Sub-engineers. In addition, one of the central team members took lead to the group in one or two districts in order to know all members how to rapport and start the work in the district with close coordination with DDCs and DTOs and increase confidence to work in remaining Districts themselves. Altogether 284 bridges walkover survey done in 66 districts, out of which 147 bridges of DoLIDAR and 137 additional bridges as per the recommendation by respective DDCs/DTOs, so far.



1.10. Programme Implementation and Coordination Committee:

The DG of DoLIDAR convened the meeting of PICC on 11th January 2012. The meeting started after the chairperson of PICC, Mr. Bhupendra Bahadur Basnet, DG, DoLIDAR officially chaired the meeting. The Programme Coordinator, LBS/DoLIDAR welcomed all the members and the invitees to the meeting and presented the main objectives of the meeting, which are to share the status of the projects, recommend/approve the Bridge screening and selection criteria. The presentations were made by LBS-DoLIDAR/LRBSU team jointly on Achievement/Outlooks of LRBP, Sharing on Bridge Selection and Prioritization Criteria, Bridge Demand List and Outlook of Walkover Survey, Update on Bridge design, Geo-tech investigation and Programme Time Schedule.



After the interactive discussions on issues above, following decisions were made.

- **Zone of influence (ZOI):** It is suggested to take the ZOI of Roads itself to be a ZOI for the bridge and it becomes one of the criteria in the proposed Bridge Screening and Prioritization System.
- **Bridge Selection and Prioritization Criteria (BSPC):** PICC approved the proposed system to be called Bridge Screening and Prioritization Criteria. LBS/DoLIDAR with assistance from LRBSU will prepare a flow chart showing that proposed BSPC is a part of the flow-chart from bridge demand, design, construction and maintenance. It was decided that LBS/DoLIDAR will request DG/DoLIDAR to forward the BSPC to the policy committee of Ministry of Local Development (MoLD) to approve with the assistance of LRBSU and it is anticipated that by end of March 2012, the BSPC will have approved by policy committee of MoLD.
- **Type design standard:** It is understood that RAIDP has a type design for concrete bridge of 20 meters span, DoLIDAR /LBS and LRBSU will review this and prepare standard type designs for such type of bridges under 25.0 meters of span within this fiscal year.
- **Walkover Survey (WOS) Results:** Based on preliminary findings, bridges recommended by Walkover Survey results will be taken for detail/technical feasibility study and detail designs after having a meeting with DoLIDAR by the end of February 2012.

1st PICC meeting was adjourned with concluding remarks by **Mr. Bhupendra Bahadur Basnet, DG DoLIDAR**. He appreciated the collective effort of LRBSU for producing results of Walkover Survey of bridges and Bridge Screening and Prioritization Criteria efficiently and delivered the vote of thanks to entire participants of the PICC meeting for their active participation.

1.11. Likhu Bridge “Foundation stone” ceremony (Ramechhap/Solukhumbu)

The Likhu Bridge ‘foundation stone’ ceremony was placed dated on 12 January 2011 by the Chief Guest, honorable Minister of Local Development, Mr. Top Bahadur Rayamajhi. During his speech, he stated the importance of Likhu Bridge for the development of western Solu region and Ramechhap. Besides, constituent assembly members Mr. Purushottam Basnet and Mrs. Devi Khadka delivered the welcome speech. Similarly, Joint Secretary of local development ministry Mr. Dinesh Raj Tapaliya, DG-DoLIDAR Mr. Bhupendra Basnet delivered speech about the LRBP program and other policy of ministry of Local Development.



4. STATUS AND ACHIEVMENT (Outputs):

Till the reporting period, 23 ongoing bridges have been selected for the construction supervision support works, as requested by DoLIDAR. Summary of the output status is presented below and detail bridge-wise work progress and status is given in annex A.

Outputs	Target for 2011/2012	Status/Achievement
1. DoLIDAR/DDC construct motorable Bridges		
New Construction	<ul style="list-style-type: none"> 20 bridges under construction supervision at Districts Design services for 40 new bridges Design verification of 30 bridges that has already been designed by DoLIDAR through outsourcing 	<ul style="list-style-type: none"> Sub-engineers have been deployed in 25 (125%) selected bridges from February 2012 to supervise 23 bridge sites ongoing construction activities of Jadigad in Doti, Kantawa Khola in Mahottari, Dhobi/Paa Khola in Rasuwa, Chamri Khola in Kavre, Kharhare Khola in Dhading, Puwa Khola in Illam, Duduwa/Maan Khola in Banke, Likhu/Solu Khola in Solu, Bhaddali Nala in Bardiya, Rauta Khola in Udayapur, Satmure Khola in Gulmi, Lohare/Tame Khola in Dailekh, Baluwa Khola in Dhanusha, Kerunga Khola in Chitwan, Hapur Khola in Dang, Arniya Khola in Nawalparasi, Daansaghu River in Jumla, Surahi Nala in Kapilvastu, Daas Khola in Morang, Roda Khola in Kailali, Jhanha Khola in Rautahat, Kali/Taal Khola in Kaski and Mathura River in Arghakhanchi districts. Consultants hired for 11 (28%) new bridge designs. After field verification by the LRBSU team, 36 (120%) bridges design verification comment given to the Consultant through DoLIDAR.
Pilot Bridges	5 out of 20 Bridges	<ul style="list-style-type: none"> Out of 5 bridges, Molung of Okhaldhunga and Sapsu/Tuwa of Khotang districts have been selected for pilot bridges and 2 pilot bridges in the selection process. Hydrological and soil investigation works is completed and final design will be ready within May.
Additional Support	Design services for 10 additional Bridges including those of other programmes (RAIDP, RRRSDP, DRILP)	<ul style="list-style-type: none"> Total design supports to 24 (240%) bridges: Out of 24 bridges, field verification and design construction supports provided to RRRSDP for 6 bridges and Design verification support to 18 RAIDP bridges.
Access Improvement	Approximately 200 Kms	<ul style="list-style-type: none"> This output will be assessed possibly from second year of the project
2. Capacity Building		
Community members (DAGs and women)	500 persons (on different skill trades)	<ul style="list-style-type: none"> Participants selection in proposed Molung bridge of Okhaldhunga, Sapsu and Tuwa khola bridge of Khotang districts is ongoing while collecting baseline data (HHs and Settlement) by enumerators and CS&CDAs
Orientation to DDC/DTOs; Potential engineers and interns; Contractors; consultants	<ul style="list-style-type: none"> 15 DTOs 20 contractors 10 consultants Potential Engineering graduates 	<ul style="list-style-type: none"> Four events of Programme orientation workshop to the LRBSU staff (Specialists, CS&CDAs, SEs, DTLs) has been done in Kathmandu. One event of Start-up workshop LRBP programme orientation to the 75 districts LDOs/DTOs have been done on 22 September 2011, in Kathmandu. Three events of Bridge Design Management Training to technical persons of DTO have been completed in Biratnagar, Nepalganj and Pokhara. Orientation on Baseline HHs/Settlement Survey to the CS&CDA

5.Challenges and Lessons Learnt:

There is progress in bridge construction and bridge design works in the districts. The district team has provided constructive support during the construction and supervision of the activities. The main responsibility is with DDC/DTO but support work done by the LRBSU-staff. However, following major lessons were learnt during the reporting period.

- Regular training, orientation/interaction programme should be held for DDC/DTO staffs that monitor bridge construction activities.
- Coordination with line agencies (DoLIDAR/DDC/DTO) would have been more easy and effective, if they also had human resource to take care of social and environmental sectors.
- Environment Assessment has to be integrated in early stage of planning process.
- Follow-up and Co-ordination mechanism between different government agencies needs to be developed to make sure the IEE recommendation implemented.
- It is necessary to identify the skills required for DTO technical persons related with bridge construction and supervision and arrange a suitable training programme.
- Training programme should be arranged in the month from Shrawan to Poush to increase the participation of DDC and DTO persons as other months are peak time form the construction works.

Bridge Wise Work Progress and Status:

Source: SEs of respective bridges

Sn	District	Bridge Site	Total civil work	Community contribution out of total civil work	Site works done till March 2012	Civil work remained after March 2012	Disbursement from DDC/DoliDAR	Disbursement from DDC/DoliDAR		Payment Made to labor till March 2012 Rs.	Payment due to labor	Work force Insurance	Traveling distance in hour from DHQ	Status as of March 2012	Remarks
								Due	Cash in hand of UC						
			A	B	C	D	E	F	G	H	I				
1	Arghakachi	Mathura River	16,134,647.37		3,139,404.00		2,971,100.00						1 hrs	Excavation/Cap level work is ongoing	
2	Banke	Duduwanala	26,922,421.00		800,000,000.00		6,351,534.00						15 min	Abutment complete	
3	Bardiya	Bhadali Nala	13,536,545.72		1,000,000.00	12,536,545.72	2,395,848.80						2 hrs by vehicle	Collection of local material is ongoing	Expected to be completed in 069/70 FY
4	Chitwan	Kerung Khola	21,027,839.90		6,300,000.00		9,000,000.00						1 hrs	Pier cap work completed	
5	Dailekh	Lohare Khola	19,138,860.85				3,387,409.00						2 hrs vehicle	Collection of local material is ongoing	
6	Dailekh	Tame Khola	12,386,196.68				2,192,136.00						1 hrs by vehicle	Collection of local material is ongoing	
7	Dang	Hapur Khola											1 hrs	Work not started	Tendering Process on going
8	Dhading	Khahare Khola	7,916,538.00		1,587,884.00		2,987,884.00						3 hrs	2 abutments complete	Ongoing and expected to be completed on June 12
9	Dhanusa	Baluwa River	13,773,408.00				4,211,828.00						1 hrs	Excavation/Cap level work is ongoing	Needed to review design
10	Doti	Gyadigad											4 hrs	Work not started	Tendering Process on going
11	Gulmi	Satmure Khola	17,351,423.54		4,800,000.00		3,000,000.00						2.5 hrs by vehicle	Wing wall completed	Budget low for work in DDC
12	Ilam	Puwa Khola											1/2 hours	Work not started	E-Bidding Process ongoing
13	Jumla	Dansangu bridge	28,830,776.67				50,00,000						45 minute	Contractor mobilized and work started	

14	Kailali	Roda Khola	16,360,842.86		50,000,000.00		2,170,000.00				4 hrs	Pier Foundation work ongoing, Raft Complete	
15	Kapilbas tu	Surahi Nala	54,899,695.70		9,600,000.00		10,979,939.14				1 hrs by vehicle	Well foundation ongoing	
16	Kaski	Taal Khola	1,61,15,249.34		23,89,886.15		6,00,000.00				1/2 hrs	Abutment cap work finished in both side Pile and Open Foundation	
17	Kaski	Kali Khola	3,13,51,703.10				28,00,000.00				15 minute	Pile work RCC - ongoing	
18	Kavre	Chamari Khola	17,198,855.95				3,000,000.00				6 hrs	Local material collection and soil testing is ongoing	
19	Mahottari	Kantawa Khola	17,291,286.56				6,000,000.00				1hrs	Contractor mobilized and work started	Foundation work expected to be done in July 12
20	Morang	Daas Khola	3,449,826.10		11,997,391.87		11,997,391.87				1 hrs	Well bottom plug work finished	Additional Budget is needed
21	Nawalparasi	Amaiya khola	11,127,621.07				4,541,026.18				0.5 hrs	Abutment work ongoing	
22	Rasuwa	Dhobi Khola	11,253,746.55		1,12,53,746.50		19,33,371.39				2 hrs	Foundation work ongoing	
23	Solukhumbu	Solu/Likhu Khola	35,044,805.24				7,008,961.05				65 km 2days/foot	Local material collection and soil testing is ongoing	
24	Udayapur	Chhaudiyia (Rauta) Khola Bridge	12,141,124.35		971,289.95	11,169,834.40	2,147,000.00				1 hrs.	Sub structure works of pier is ongoing	Expected to be completed in F.Y. 2069/2070
25	Rautahat	Jhanju Khola	27,315,965.80		25722322.3						1/2 hrs	Deck Slab work Completed	Expected to be completed in F.Y 2069/70
Total			383,102,427.91	-	915,118,292.12	23,706,380.12	84,342,058.04						

Summary of Bridges:

New Construction	<ul style="list-style-type: none"> • From February 2012, Sub-engineers have been deployed in 25 (125%) selected bridges site in 23 districts to supervise ongoing construction activities.
	<ul style="list-style-type: none"> • Consultants hired for 11 (28%) new bridge designs.
	<ul style="list-style-type: none"> • 36 (120%) bridges design verification comment given to the Consultant through DoLIDAR.
Pilot Bridges	<ul style="list-style-type: none"> • Out of 5 bridges, Molung of Okhaldhunga and Sapsu/Tuwa of Khotang districts have been selected for pilot bridges and 2 pilot bridges in the selection process. • Hydrological and soil investigation works is completed and final design will be ready within May.
Additional Support	<ul style="list-style-type: none"> • Total design supports to 24 (240%) bridges • Out of 24 bridges, field verification and design construction supports provided to RRRSDP for 6 bridges and • Design verification support to 18 RAIDP bridges.

