



Government of Nepal



District Transport Master Plan (DTMP)

Ministry of Federal Affairs
and Local Development



Department of Local Infrastructure
Development and Agricultural
Roads (DOLIDAR)

District Development Committee,
Nuwakot

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FINAL REPORT

VOLUME- I: MAIN REPORT



Prepared by the **Everest Engineering Consultant** for the District Development Committee (DDC) and District Technical Office (DTO), **Nuwakot** with Technical Assistance from the Department of Local Infrastructure and Agricultural Roads (DOLIDAR), Ministry of Federal Affairs and Local Development and grant supported by DFID.



Government of Nepal
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Office of District Development Committee
Nuwakot

FORWORD

It is my great pleasure to introduce this revised District Transport Master Plan (DTMP) of Nuwakot district which was concurred by the district stakeholders meeting and approved by the DDC Council Nuwakot. Based on the DTMP Guideline 2012, all together 36 District Road Core Network (DRCN) aiming to connect all Village Development Committee (VDC) headquarters with the district headquarter, either directly or through strategic road network (SRN) have been selected. By bringing the DRCN to a maintainable and all-weather standard, year-round access to all VDCs headquarters can be ensured.

I believe this document will be helpful in sustainable planning, resources mobilization, implementation and monitoring of the road development. The document is anticipated to generate substantial employment opportunities for rural people through construction, improvement activities of the existing road network including new construction requirements. DRCN plays an important role to strengthen and promote overall economic growth of the district through established and improved year round transport services reinforcing intra and inter-district linkages. It is most crucial to expand DRCN in a planned way as per the DTMP recommendations by considering the framework of available resources in DDC. This document is very essential in lobbying the donor agencies through central government to attract fund gap. Furthermore, this document will be supportive in avoiding prevailing duplication in resources allocation in road network development by considering basket fund approach.

I would, firstly like to express my gratitude to RAP3 for technical support. Secondly, my thanks go to Chief District Engineer (CDE) Mr. Lok Nath Regmi and other DDC/DTO Staff for their valuable efforts in the process of producing this document. My special thank goes to all the representatives of political parties, who played crucial role in providing constructive feedbacks and valuable support in preparing this document successfully.

Last but not least, I would like to express my heartfelt gratitude to Ministry of Federal Affairs and Local Development (MoFALD) and Department of Local Infrastructure Development and Agriculture Road (DoLIDAR/MoFALD) for providing valuable suggestions and cooperation to produce this report. Any pioneering and constructive suggestions regarding this document will be highly appreciated.

.....
Mr.Narayan Prasad rjal
Local Development Officer

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We would like to express our sincere gratitude to the Project Coordinator Mr. Maheshwor Ghimire (SDE) of DoLIDAR and Programme Manager Mr. Michael Green, Deputy Programme Manager Mr. Dilli Prakash Sitala, Deputy Programme Manager Mr. Arjun Poudel, Engineering Team Leader Bill Seal LRN Asset Management Specialist Er. Manoj Krishna Shrestha, Central Assets Management Specialist Er. Laxman Bhakta Dahi Shrestha and Er. Shalik Ram Paudel of (RAP3) whose valuable co-operation and suggestions guided us to accomplish this stage of work. We would also like to express our sincere thanks to LDO of Nuwakot DDC. Mr. Narayan Prasad Risal, DTO Chief Mr. Lok Nath Regmi (CDE), Planning officer, Program Officer, Information officer, Engineers, Sub-engineers and other staffs of DDC and DTO offices, Nuwakot for their extended help and regular support.

The local leaders and local people from Nuwakot district are also thankful for their help and suggestion for the selection and identification of the DRCN. We hope, this prepared DTMP of Nuwakot District will be very helpful and a valuable guideline for the planning and development of effective and systematic transport network in Nuwakot District.

Finally, we would like to thanks the DTMP team members of Everest Engineering Consultant for their valuable efforts to bring the study report in this stage.

Krishna Dev Yadav
Project Director

EXECUTIVE SUMMARY

Nuwakot District is located in Bagmati Zone which falls in Central Region of Nepal. Geographically, it ranges from latitude 27°48'00"N to 28°06'00"N and longitude 84°58'00"E to 85°30'00"E. The lowest point is of elevation 518m and highest point is of elevation 4876 m from msl of the district.

The district inventory identified just over 1,093.11 km of roads, along with 165.38 km of strategic roads and 927.73 km of rural roads. In coordination with the DTO and DDC, 36 rural roads with a length of 518.92 km form up the district road core network (DRCN), and the remaining 408.80 km were classified as village roads and 400.50 km were classified as Untrack Village roads. The existing DRCN roads link up all VDCs.

Road Class	Total length	Black Top	Gravel	Earthen
Strategic road network	165.38	132.21	8.00	25.17
Urban roads	-	-	-	-
District road core network	518.92	5.93	75.16	437.83
Village roads	408.80	-	26.75	382.05
Total	1,093.11	138.14	109.92	845.05

An analysis of the road network identified the need for improvement of all the DRCN roads in order to bring them to a maintainable all-weather standard and provide them with a proper road surface in light of existing traffic volumes. The required improvements and their estimated costs are listed below.

Improvement type	Requirement	Cost (NPR)
Bridges	310 m	248,000,000
Slab culverts	15 m	2,250,000
Causeways	5,219 m	505,700,000
Hume pipes	492 units	49,200,000
Masonry retaining walls	7,360 m ³	73,600,000
Gabion retaining walls	6,810 m ³	23,835,000
Lined drains	199,600 m	239,520,000
Widening	- m	-
Rehabilitation	- km	-
Gravelling	437.83 km	963,234,758
Blacktopping	139.63 km	795,912,573
New construction	19.09 km	118,332,031
Total		3,019,584,362

The available budget for the road sector for the coming five years (fiscal year 2072/73 to 2076/77) is estimated to be NPR 1.386 Million Allocation to the district road core network was set at 85% of the total road sector budget, which was subsequently allocated firstly to the annual maintenance needs, secondly to the improvement needs and lastly to new construction.

ABBREVIATIONS

ARAMP	Annual Road Asset Management Plan
ARMP	Annual Road Maintenance Plan
BT	Black Top
DDC	District Development Committee
DOLIDAR	Department of Local Infrastructure Development and Agriculture Road
DOR	Department of Road
DRCN	District Road Core Network
DTICC	District Transport Infrastructure Coordination Committee
DTMP	District Transport Master Plan
DTPP	District Transport Perspective Plan
GIS	Geographical Information system
GPS	Global Positioning System
GON	Government of Nepal
GR	Gravel
Km	Kilometre
LGCDP	Local Governance and Community Development Programme
LRBP	Local Road Bridge Project
MoFALD	Ministry of Federal Affairs and Local Development
MTMP	Municipal Transport Master Plan
NPR	Nepali Rupees
PCU	Passenger Car Unit
RAP	Rural Access Programme
RTI	Rural Transport Infrastructure
SWAp	Sector Wide Approach
VDC	Village Development Committee
VPD	Vehicle Per Day

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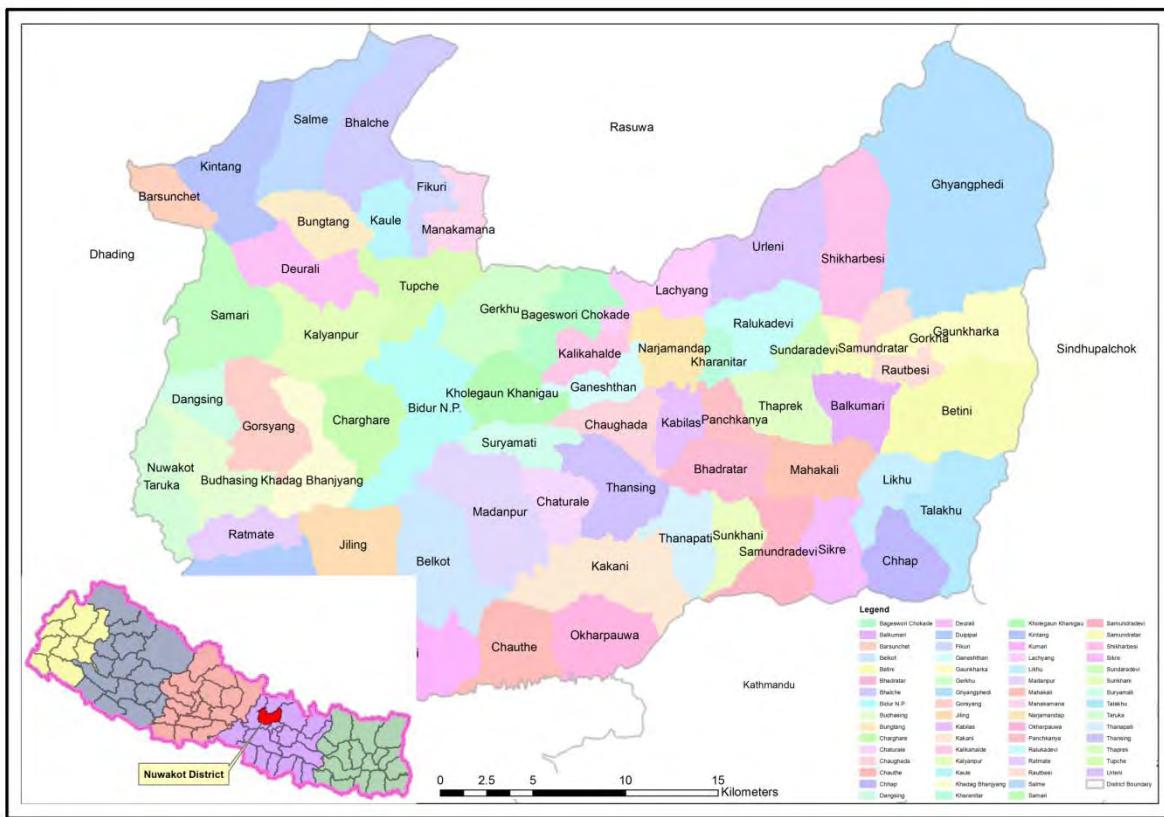
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1. INTRODUCTION

Nuwakot district is located in Bagmati zone in Central Development Region and covers an area of 1,121 square kilometer within latitude 27°48'00"N to 28°06'00"N and longitude 84°58'00"E to 85°30'00"E. Nuwakot district is surrounded by Sindhupalchowk and Kathmandu districts to the East; Dhading to the West; Rasuwa to the North; and Dhading and Kathmandu to the South. According to the national census 2011, the total population of the district is 277,471 comprising 144,684 female and 132,787 male. Besides the agriculture farming, small scale livestock is the main source of occupation and livelihood of the majority of the population.

The district is divided into 61 VDCs and 1 municipality. The district headquarter is BidurBazar.

Figure 1 : Map of Nepal indicating Nuwakot district



Although accessibility to Nuwakot is limited, this is improving rapidly. The district is linked with the national strategic road network through feeder roads.

Transport facilities help in developing access of rural urban linkages. Road accessibility can reduce isolation, stimulate crop production and marketing activities, encourage public services and help to transfer technology. Road building has been seen to bring about notable enthusiasm and visible changes in rural life. However, in the absence of rational criteria and professional guidelines, road constructions are carried out in an unmanaged manner leading to wastage of limited resources.

2. DISTRICT ROAD CORE NETWORK (DRCN)

This chapter gives an overview of the existing roads in Nuwakot district, differentiating between strategic roads and rural roads. It goes on to identify those rural roads that make up the district road core network (DRCN) that will form the basis for this DTMP. The remaining rural roads are classified as village roads and Untrack Road which is shown in Annex.

2.1 TOTAL ROAD NETWORK

The length of the total road network in the district is 1,093.11 km. This comprises of 165.38 km of Strategic Road Network (SRN) and 927.73 km of Rural Roads.

Table 2.1.1 Road length in Nuwakot district (km)

Road Class	Total length	Black Top	Gravel	Earthen
Strategic roads	165.38	132.21	8.00	25.17
Urban roads	-	-	-	-
Rural roads	927.73	5.93	101.92	819.88
Total	1,093.11	138.14	109.92	845.05

2.2 NATIONAL HIGHWAYS AND FEEDER ROADS

Table 2.2.1 National Highways and Feeder Roads in Nuwakot district (km)

Code	Name of Road	Total length	Black Top	Gravel	Earthen
F021	Thulo Khola-Kakani	7.68	7.68		
F021	Kakani-Tadi Khola	34.60	34.60		
F021	Tadi Khola-Batar	7.52	7.52		
F021	Batar-Gerkha Khola	4.71	4.71		
F021	Gerkha Khola-Phalankha Khola	6.20	6.20		
F069	Baghmara (PRM)-Debighat	17.00	17.00		
F074	Damki-Phalante (Nuwakot Darbar Access Road)	8.00	6.00	2.00	
F076	Tinpipale-Okarpauwa-Kolpu	-	-		
F077	Kuwapani-Kakani-Kaulethana(F21)	6.50	4.00		2.50
F082	Gurjebhanjyang-Chhahare-Tadi	25.00	16.00	6.00	3.00
F082	Tadi-Gangate (F21)	7.50	7.50		
F181	Tadi-Labdhu-Samundratar-Golphubhanjyang	40.67	21.00		19.67
Total		165.38	132.21	8.00	25.17

2.3 DISTRICT ROAD CORE NETWORK

As part of the preparation of this DTMP, the District Road Core Network (DRCN) was identified together with the DTO and DDC. This DRCN is the minimum network that allows all VDC headquarters to be connected with the strategic road network and the district headquarters, either directly or through other VDCs. In the selection of the DRCN roads, account was taken of the road conditions and the existing traffic levels. The identified DRCN roads were subsequently provided with road codes according to national standards. Road code has been assigned to village roads (road data as available in old DTMP and provided by DDC/DTO).

The resulting District Road Core Network in Nuwakot district is shown in Figure 3 at the end of this chapter. A complete list of the DRCN roads and their characteristics is provided in Table 2.3.1.

Table 2.3.1 Road length in Nuwakot District (km)

Road Class	Total length	Black Top	Gravel	Earthen
Strategic road network	165.38	132.21	8.00	25.17
Highways	-			
Feeder roads	165.38	132.21	8.00	25.17
Urban roads	-	-	-	-
District road core network	518.92	5.93	75.16	437.83
Village roads	408.80	-	26.75	382.05
Total	1,093.11	138.14	109.92	845.05

Table 2.3.2 District Road Core Network in Nuwakot District (km)

Code	Name of Road	Total length	Black Top	Gravel	Earthen	All weather	Fair weather
		Total	518.92	5.93	75.16	437.83	81.09
				1%	14%	84%	16%
							84%
28DR001	Sole-Satdobato-Bhalche-Salme Road	22.80		15.00	7.80	15.00	7.80
28DR002	Kimtang, 1- Salme Road	2.50			2.50	-	2.50
28DR003	Trishuli(Coloni)-Deurali-Meghang-Kimtang-Thambukhola Dhading Road	34.37		22.35	12.02	22.35	12.02
28DR004	Deurali-Bungtang Road	3.09		1.50	1.59	1.50	1.59
28DR005	Sole-Sahugaun-Bhumidevi U. Ma. Vi. Road	14.81			14.81	-	14.81
28DR006	Meghang Bhanjyang-Barsunchet Road	9.86			9.86	-	9.86
28DR007	Palastar, 9-Aangutar-Andherikhola-Akkare-Sole Road	8.53		3.71	4.83	3.71	4.83
28DR008	Trishuli-Samari-Samaribhanjyang-Bharyangbhurung (Lokmarg)	17.86	3.59	14.27		17.86	-
28DR009	Mandredhunga-Gauribeshi-Kalikhola-Bhattagaun-Kha.Bha. Road	16.23		2.30	13.93	2.30	13.93
28DR010	Mandredhunga-Khadgabhanjyang-Dangsing-Kaphalpani Road	25.59	2.33		23.25	2.33	23.25
28DR011	Gorsyang-Shankhadevi U.Ma.Vi.-Hallephant-Bhorleni-Dangsing-Gumbadanda	7.76			7.76	-	7.76
28DR012	Khaireni-Haldephat-Dansing Road	14.47			14.47	-	14.47
28DR013	Devighat-Pusungtar-Khadgabhanjyang-Majhuwa-Ghorsyang Road	8.33			8.33	-	8.33
28DR014	Multhala-Chhatrekholo-Budhsing-Taruka-Dhading-Kahule Road	22.94			22.94	-	22.94
28DR015	Darshantar(Budhasing)-Tarukabesi-Koshikhola Road	8.11			8.11	-	8.11
28DR016	Gerkhutar-Chokade Road	13.85			13.85	-	13.85
28DR017	Nuwakot-Bageshwori-Ureni-Kalche-Mala Bhanjyang Road	23.99		9.99	14.00	9.99	14.00
28DR018	Rammandir-Panchakanya-Lamichhanegaun-Falate Road	5.27			5.27	-	5.27

Code	Name of Road	Total length	Black Top	Gravel	Earthen	All weather	Fair weather
28DR019	Fedibesi-Ganeshtan Ma.Bi.-Haldekalika Road	7.62			7.62	-	7.62
28DR020	Ganesthan-Najarmandap-Dandako Pato Road	9.49			9.49	-	9.49
28DR021	Dhikurepul-Bhaldanda(Suryamati)-Makaichaur-Mahendra Ma.Bi. Road	10.11			10.11	-	10.11
28DR022	Kaulethana-Mahendra Ma.vi.-Thansingphat Road	13.98			13.98	-	13.98
28DR023	Ranipauwa-Chaturale-Belkot-Tadipul Road	21.04			21.04	-	21.04
28DR024	Ratmate Ward No. - 7 ra 5 -Duipipal Dabali Road Road	4.61			4.61	-	4.61
28DR025	Simkhet-Bahundanda-Jiling VDC Office-Bagkhor Road	8.76			8.76	-	8.76
28DR026	Kolputar-Duipipal-Patle Road	43.75		6.05	37.70	6.05	37.70
28DR027	Aarukharka-Golma-Kalika Ma.Vi.-Lauke-Dhokabhanjyang Road	6.59			6.59	-	6.59
28DR028	Satbise-Salghari-Dahalthok-Ralukamaidan-Chilaunegaun-Bagmara Road	8.12			8.12	-	8.12
28DR029	Satbise-Deurali-Bagmara-Malabhanjyang Road	13.09			13.09	-	13.09
28DR030	Samundratar-Ramati-Kutungkhola-Ghyangphedi Road	15.01			15.01	-	15.01
28DR031	Samundratar-Hung-Kadeni-Kutumshang (Tourist Road)	13.96			13.96	-	13.96
28DR032	Laptandanda-Panchakanya-Ga.Bi.Sa. Bhawan Road	6.33			6.33	-	6.33
28DR033	Aarukharka-Bahuntol-Schooldanda Road	7.85			7.85	-	7.85
28DR034	Chahare-Likhukhola-Kabilas-Ghalebhanjyang-Thaprek-Betini-Golfubhanjyang	32.68			32.68	-	32.68
28DR035	Chhahare-Shibalaya-Talakhu-Patibhanjyang (Lokmarga)	12.52			12.52	-	12.52
28DR036	Gurje-Aitaram Parti-Maidan-Chhap-Talakhu Road	23.04			23.04	-	23.04

Among above DRCN roads, on following Roads DoR also working for Improvement /Upgrading works.

Code	Road Name	Total	Blacktop	Gravel	Earthen
28DR001	Sole-Satdobato-Bhalche-Salme Road	22.80		15	7.80
28DR007	Palastar, 9-Aangutar-Andherikhola-Akkare-Sole Road	8.53		3.71	4.83
28DR008	Trishuli-Samari-Samaribhanjyang-Bharyangbhurung (Lokmarg)	17.86	3.59	14.27	
28DR014	Multhala-Chhatrekhola-Budhsing-Taruka-Dhading-Kahule Road	22.94			22.94
28DR024	Ratmate Ward No. - 7 ra 5 -Duipipal Dabali Road	4.61			4.61
28DR030	Samundratar-Ramati-Kutungkhola-Ghyangphedi Road	15.01			15.01
28DR034	Chahare-Likhukhola-Kabilas-Ghalebhanjyang-Thaprek-Betini-Golfubhanjyang	32.68			32.68

If municipality take the ownership for constructing these roads or includes in MTMP, then in total below 15.28 km of road should be converted to urban roads

Urban Road with Surface Type (length in km)						
SN	Code	Road Name	Blacktop	Earthen	Gravel	Total
1	28DR003	Trishuli - Deurali - Meghang - Kimtang - Thambukhola Dhading			5.35	5.35
2	28DR007	Palastar-9, Aangutar, Andherikhola, Akkare, Sole			3.71	3.71
3	28DR008	Trishuli - Samari- Samaribhanjyang - Bharyangbhurung (Lokmarga)	3.59			3.59
4	28DR010	Mandredhunga, Khadgabhanjyang, Dangsing - Kaphalpani Road	2.33			2.33
5	28DR016	Gerkhutar-Chokade		0.5		0.5
		Grand Total	5.93	0.5	9.06	15.49

2.4 VILLAGE ROADS

The remaining roads that do not form part of the identified District Road Core Network (DRCN) are classified as village roads of 408.80km and 400.5 as untrack road in Nuwakot district. These are roads of a lower importance that do not form the main link between the VDC headquarters and the district headquarters or strategic road network. Instead they provide additional access to other parts of the VDCs.

It is recommended that the VDCs organise maintenance workers to carry out the emergency and routine/recurrent maintenance of these roads to ensure they remain accessible. Any upgrading or new construction of village roads falls outside the scope of this DTMP and is the responsibility of the VDCs/municipalities.

Funding for these roads will mainly come from the VDC/municipality grants. Some district funding will also be allocated to the village roads. However, this district funding will be mainly for maintenance, especially emergency maintenance and routine/recurrent maintenance to keep the village roads open.

Figure 2 : Total Road Inventory Map for Nuwakot District

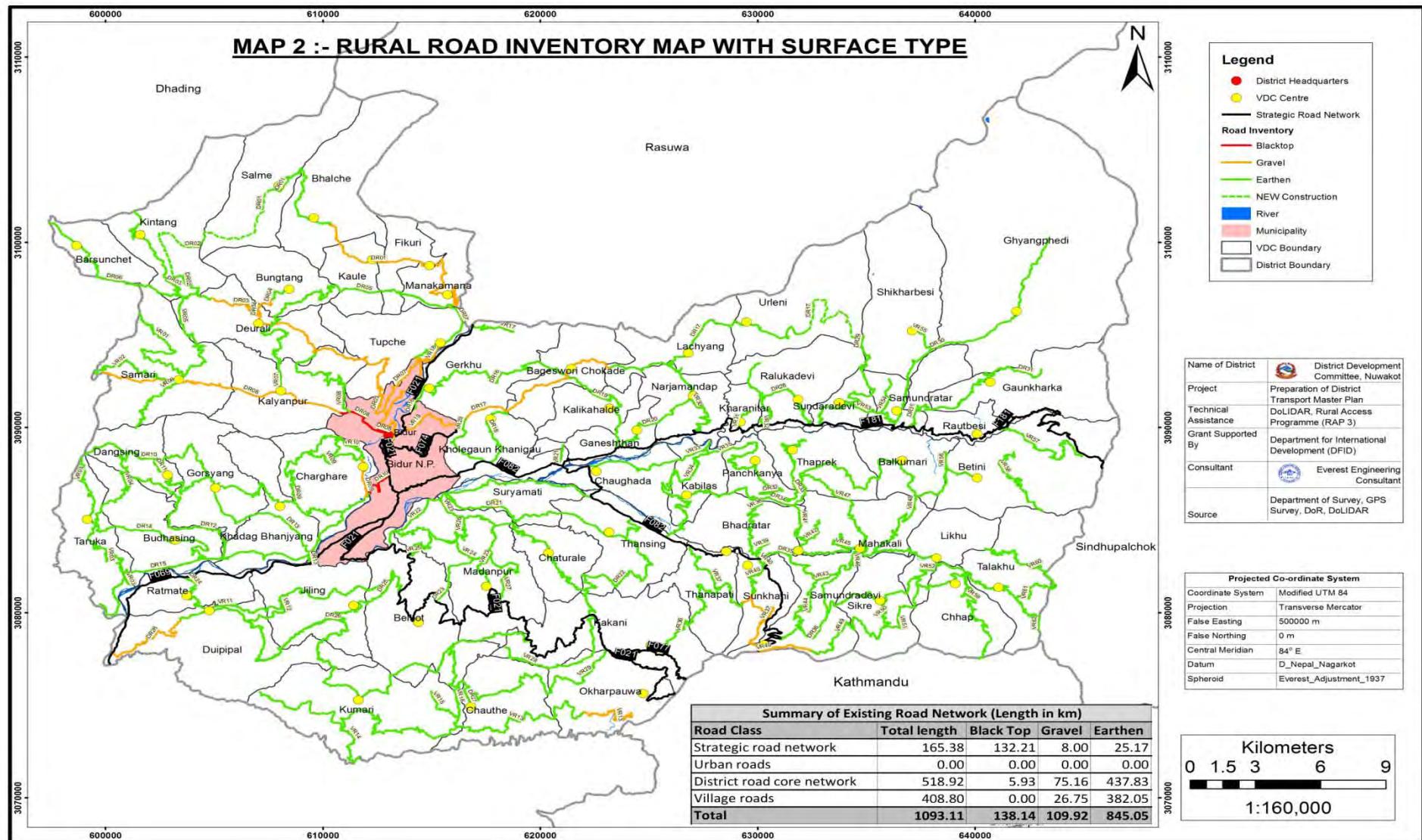
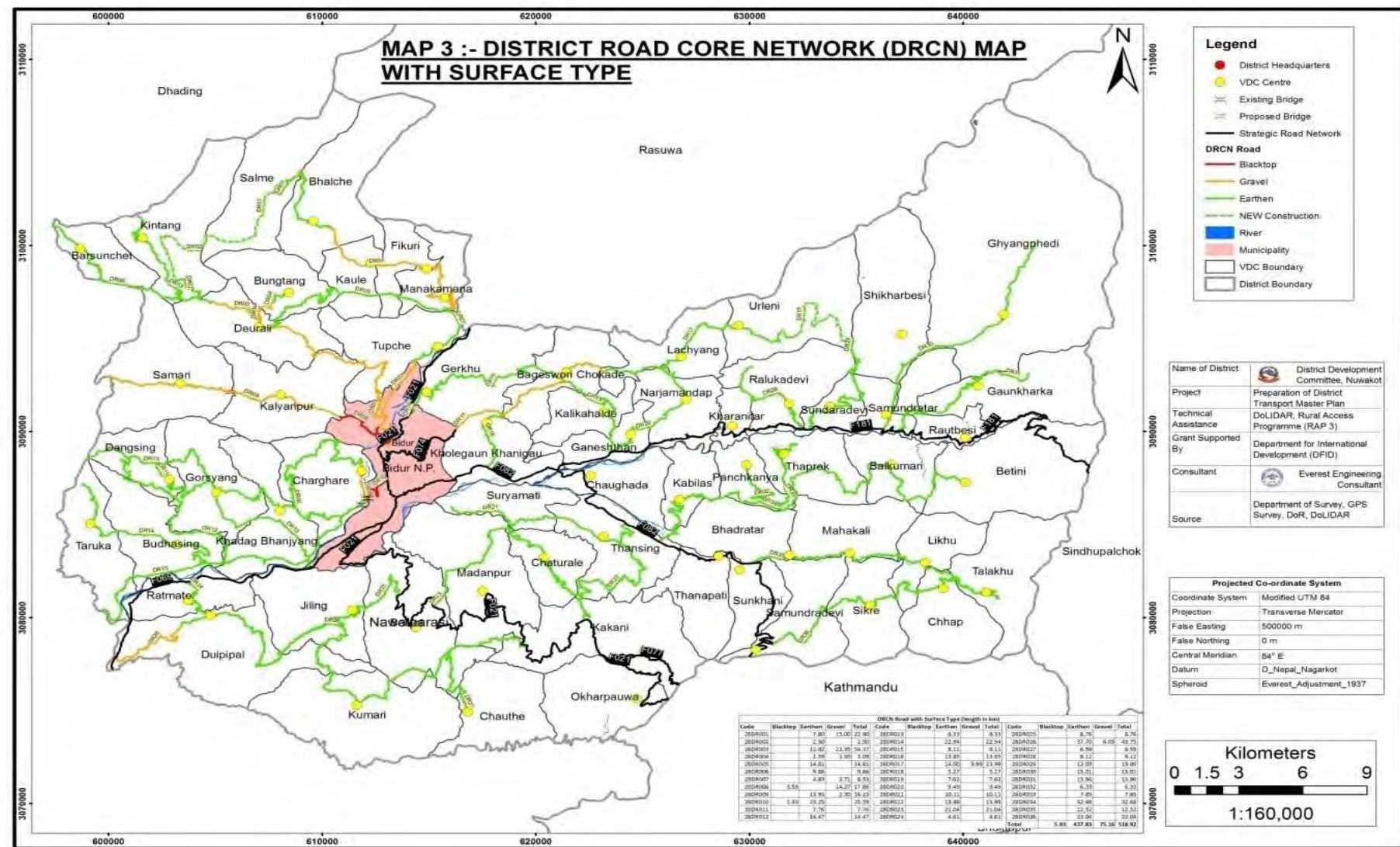


Figure 3 : District Road Core Network (DRCN) Map



3. DISTRICT TRANSPORT PERSPECTIVE PLAN (DTPP)

This chapter looks at the required interventions regarding conservation, improvement and new construction of the district road core network. It provides a complete list of all works required in the DRCN, which together form the District Transport Perspective Plan (DTPP). For the works forming part of the DTPP, chapter 4 will subsequently provide cost estimation, while chapter 5 will rank the works according to priority and chapter 6 will select those priority works that can be carried out in the next 5 years and thus form part of the District Transport Master Plan (DTMP).

3.1 CONSERVATION

Conservation refers to the actions required to repair a road and keep it in good and passable condition. For DTMP planning purposes standard costs per kilometre for each maintenance type are applied to the entire district road core network, whereby for certain maintenance type distinction is made according to the surface type of the road. Identification of the actual maintenance requirements of each road is made annually in the ARMP. Conservation activities include:

1. **Emergency maintenance** - Basic repairs aimed at removing landslides and repairing damage to the road that inhibit the proper use of the road and make it impassable. This mainly takes place during and after the rainy season. A provisional lump sum is reserved for the entire district road core network based on the network length. Allocation to specific road sections is based on the actual need for clearing landslides or repairing washouts and cuts in the road.
2. **Routine maintenance** - General maintenance of the road aimed at preventing damage by ensuring the proper working of the different road elements (retaining walls, drainage system, carriageway, etc.) and cutting vegetation. This is carried out each year on a more or less continuous basis. Routine maintenance is required for the entire district road core network. The specific requirements for routine maintenance are determined on an annual basis through the road condition survey and defined in the ARMP.
3. **Recurrent maintenance** - Repairs of minor damage to the road surface and road structures to bring them back to good condition. This is generally carried out once or twice a year. Recurrent maintenance is required for the entire district road core network, whereby distinction is made according to the surface type. The specific requirements for recurrent maintenance are determined on an annual basis through the road condition survey and defined in the ARMP.
4. **Periodic maintenance** - Larger repairs to the road largely aimed at renewing the road surface through regravelling, resealing or overlays. It is generally carried out with several years interval. Although periodic maintenance is only required for specific sections of the district road core network, a lump sum allocation is made for the entire district road core network based on average annual requirements, distinguishing between different surface types. The specific periodic maintenance requirements are determined on an annual basis through the annual road condition survey and defined in the ARMP.

The length of roads to be included under each conservation type for the first year is indicated below. This is basically the entire district road core network as far as it does not require rehabilitation.

Table 3.1.1 Conservation requirements

Code	Total length	Black Top	Gravel (km)	Earthen (km)	Emergency maintenance	Routine maintenance	Recurrent maintenance blacktop	Recurrent maintenance gravel	Recurrent maintenance earthen (km)	Periodic maintenance blacktop (km)	Periodic maintenance gravel (km)
Total	518.92	5.93	75.16	437.83	518.92	518.92	5.93	75.16	437.83	5.93	75.16
28DR001	22.80	-	15.00	7.80	22.80	22.80	-	15.00	7.80	-	15.00
28DR002	2.50	-	-	2.50	2.50	2.50	-	-	2.50	-	-
28DR003	34.37	-	22.35	12.02	34.37	34.37	-	22.35	12.02	-	22.35
28DR004	3.09	-	1.50	1.59	3.09	3.09	-	1.50	1.59	-	1.50
28DR005	14.81	-	-	14.81	14.81	14.81	-	-	14.81	-	-
28DR006	9.86	-	-	9.86	9.86	9.86	-	-	9.86	-	-
28DR007	8.53	-	3.71	4.83	8.53	8.53	-	3.71	4.83	-	3.71
28DR008	17.86	3.59	14.27	-	17.86	17.86	3.59	14.27	-	3.59	14.27
28DR009	16.23	-	2.30	13.93	16.23	16.23	-	2.30	13.93	-	2.30
28DR010	25.59	2.33	-	23.25	25.59	25.59	2.33	-	23.25	2.33	-
28DR011	7.76	-	-	7.76	7.76	7.76	-	-	7.76	-	-
28DR012	14.47	-	-	14.47	14.47	14.47	-	-	14.47	-	-
28DR013	8.33	-	-	8.33	8.33	8.33	-	-	8.33	-	-
28DR014	22.94	-	-	22.94	22.94	22.94	-	-	22.94	-	-
28DR015	8.11	-	-	8.11	8.11	8.11	-	-	8.11	-	-
28DR016	13.85	-	-	13.85	13.85	13.85	-	-	13.85	-	-
28DR017	23.99	-	9.99	14.00	23.99	23.99	-	9.99	14.00	-	9.99
28DR018	5.27	-	-	5.27	5.27	5.27	-	-	5.27	-	-
28DR019	7.62	-	-	7.62	7.62	7.62	-	-	7.62	-	-
28DR020	9.49	-	-	9.49	9.49	9.49	-	-	9.49	-	-
28DR021	10.11	-	-	10.11	10.11	10.11	-	-	10.11	-	-
28DR022	13.98	-	-	13.98	13.98	13.98	-	-	13.98	-	-
28DR023	21.04	-	-	21.04	21.04	21.04	-	-	21.04	-	-
28DR024	4.61	-	-	4.61	4.61	4.61	-	-	4.61	-	-

Code	Total length	Black Top	Gravel (km)	Earthen (km)	Emergency maintenance	Routine maintenance	Recurrent maintenance blacktop	Recurrent maintenance gravel	Recurrent maintenance earthen (km)	Periodic maintenance blacktop (km)	Periodic maintenance gravel (km)
28DR025	8.76	-	-	8.76	8.76	8.76	-	-	8.76	-	-
28DR026	43.75	-	6.05	37.70	43.75	43.75	-	6.05	37.70	-	6.05
28DR027	6.59	-	-	6.59	6.59	6.59	-	-	6.59	-	-
28DR028	8.12	-	-	8.12	8.12	8.12	-	-	8.12	-	-
28DR029	13.09	-	-	13.09	13.09	13.09	-	-	13.09	-	-
28DR030	15.01	-	-	15.01	15.01	15.01	-	-	15.01	-	-
28DR031	13.96	-	-	13.96	13.96	13.96	-	-	13.96	-	-
28DR032	6.33	-	-	6.33	6.33	6.33	-	-	6.33	-	-
28DR033	7.85	-	-	7.85	7.85	7.85	-	-	7.85	-	-
28DR034	32.68	-	-	32.68	32.68	32.68	-	-	32.68	-	-
28DR035	12.52	-	-	12.52	12.52	12.52	-	-	12.52	-	-
28DR036	23.04	-	-	23.04	23.04	23.04	-	-	23.04	-	-

3.2 IMPROVEMENT

Improvement refers to actions required to improve a road to bring it to a maintainable all-weather standard. It includes the following actions, which for Nuwakot are described in more detail in the subsequent sections.

1. **Rehabilitation** - Significant repairs required to bring a very poor road back to a maintainable standard. This does not include any changes to the original surface type.
2. **Gravelling** - Placement of a gravel layer to make it all-weather and ensure that the road remains passable during the rainy season.
3. **Cross drainage** - Placement of suitable cross-drainage structures with the aim of making the road all-weather and ensuring that the road remains passable even during the rainy season.
4. **Protective structures** - Placement of retaining walls and lined side drains to avoid excessive damage to the road during the rainy season and bring it to a maintainable standard.
5. **Blacktopping** - Placement of a blacktop layer in roads with traffic volumes exceeding 50 passenger car units (PCU) to reduce damage to the road surface.
6. **Widening** - Increase of the road width in roads with traffic volumes exceeding 100 Vehicles per Day (VPD) to ensure the proper flow of traffic.

3.2.1 REHABILITATION

No roads are identified for rehabilitation in the district road core network.

Table 3.2.1 Sections of the district road core network requiring rehabilitation

Code	Name of Road	Total length (km)	Rehabilitation (km)
		Total	-

3.2.2 GRAVELLING

As the entire district road core network needs to be brought to an all-weather status, graveling of the road surface is required for all the earthen sections in the DRCN. Total 437.83 km DRCN need to be gravelled in Nuwakot district which is given in table 3.2.2 below.

Table 3.2.2 Sections of the district road core network requiring graveling

Code	Name of Road	Total length (km)	Graveling (km)
		Total	437.83
28DR001	Sole-Satdobato-Bhalche-Salme Road	22.80	7.80
28DR002	Kimtang, 1- Salme Road	2.50	2.50
28DR003	Trishuli(Coloni)-Deurali-Meghang-Kimtang-Thambukhola Dhading Road	34.37	12.02
28DR004	Deurali-Bungtang Road	3.09	1.59
28DR005	Sole-Sahugaun-Bhumidevi U. Ma. Vi. Road	14.81	14.81
28DR006	Meghang Bhanjyang-Barsunchet Road	9.86	9.86
28DR007	Palastar, 9-Aangutar-Andherikhola-Akkare-Sole Road	8.53	4.83
28DR008	Trishuli-Samari-Samaribhanjyang-Bharyangbhurung (Lokmarg)	17.86	-
28DR009	Mandredhunga-Gauribeshi-Kalikhola-Bhattagaun-Kha.Bha. Road	16.23	13.93
28DR010	Mandredhunga-Khadgabhanjyang-Dangsing-Kaphalpani Road	25.59	23.25
28DR011	Gorsyang-Shankhadevi U.Ma.Vi.-Hallephant-Bhorleni-Dangsing-Gumbadanda	7.76	7.76
28DR012	Khaireni-Haldephat-Dansing Road	14.47	14.47
28DR013	Devighat-Pusungtar-Khadgabhanjyang-Majhuwa-Ghorsyang Road	8.33	8.33
28DR014	Multhala-Chhatrekhola-Budhsing-Taruka-Dhading-Kahule Road	22.94	22.94
28DR015	Darshantar(Budhasing)-Tarukabesi-Koshikhola Road	8.11	8.11
28DR016	Gerkhutar-Chokade Road	13.85	13.85
28DR017	Nuwakot-Bageshwori-Urلن-Kalche-Mala Bhanjyang Road	23.99	14.00
28DR018	Rammandir-Panchakanya-Lamichhanegaun-Falate Road	5.27	5.27
28DR019	Fedibesi-Ganeshthan Ma.Bi.-Haldekalika Road	7.62	7.62
28DR020	Ganesthan-Najarmandap-Dandako Pato Road	9.49	9.49
28DR021	Dhikurepul-Bhaldanda(Suryamati)-Makaichaur-Mahendra Ma.Bi. Road	10.11	10.11
28DR022	Kaulethana-Mahendra Ma.vi.-Thansingphat Road	13.98	13.98
28DR023	Ranipauwa-Chaturale-Belkot-Tadipul Road	21.04	21.04
28DR024	Ratmate Ward No. - 7 ra 5 -Duipipal Dabali Road Road	4.61	4.61
28DR025	Simkhett-Bahundanda-Jiling VDC Office-Bagkhor Road	8.76	8.76
28DR026	Kolputar-Duipipal-Patle Road	43.75	37.70
28DR027	Aarukharka-Golma-Kalika Ma.Vi.-Lauke-Dhokabhanjyang Road	6.59	6.59
28DR028	Satbise-Salghari-Dahalthok-Ralukamaidan-Chilaunegaun-Bagmara Road	8.12	8.12
28DR029	Satbise-Deurali-Bagmara-Malabhanjyang Road	13.09	13.09
28DR030	Samundratar-Ramati-Kutungkhola-Ghyangphedi Road	15.01	15.01
28DR031	Samundratar-Hung-Kadeni-Kutumshang (Tourist Road)	13.96	13.96
28DR032	Laptandanda-Panchakanya-Ga.Bi.Sa. Bhawan Road	6.33	6.33

Code	Name of Road	Total length (km)	Gravelling (km)
28DR033	Aarukharka-Bahuntol-Schooldanda Road	7.85	7.85
28DR034	Chahare-Likhukhola-Kabilas-Ghalebhanjyang-Thaprek-Betini-Golfubhanjyang	32.68	32.68
28DR035	Chhahare-Shibalaya-Talakhu-Patibhanjyang (Lokmarga)	12.52	12.52
28DR036	Gurje-Aaitaram Parti-Maidan-Chhap-Talakhu Road	23.04	23.04

3.2.3 CROSS DRAINAGE

The need for cross drainage was identified for different DRCN roads.

Table 3.2.3 Required cross drainage structures

Code	Total length (km)	Bridge (m)	Slab culvert (m)	CC Causeway (m)	Stone Causeway (m)	Pipe culvert (units)
Total	518.92	310	15	5,039	180	492
28DR001	22.80			160		9
28DR002	2.50					
28DR003	34.37			320		20
28DR004	3.09			30		3
28DR005	14.81					5
28DR006	9.86			40	20	7
28DR007	8.53	40		70		10
28DR008	17.86			140		15
28DR009	16.23		5	40		10
28DR010	25.59	80		500		40
28DR011	7.76			20		4
28DR012	14.47					5
28DR013	8.33					5
28DR014	22.94		10	100	50	10
28DR015	8.11			20		5
28DR016	13.85			20		7
28DR017	23.99			150	100	35
28DR018	5.27			30	10	6
28DR019	7.62			40		10
28DR020	9.49			80		14
28DR021	10.11			100		12
28DR022	13.98			400		16
28DR023	21.04	60		300		23
28DR024	4.61			160		12
28DR025	8.76			60		8
28DR026	43.75			500		60
28DR027	6.59			60		8
28DR028	8.12			100		14
28DR029	13.09			279		15
28DR030	15.01			60		12
28DR031	13.96					3
28DR032	6.33			200		15
28DR033	7.85			120		8
28DR034	32.68			160		8
28DR035	12.52	80		460		40
28DR036	23.04	50		320		18

3.2.4 PROTECTIVE STRUCTURES

Based on the road survey carried out in Nuwakot, following retaining/breast walls were identified as required ensuring the protection of the district road core network.

Table 3.2.4 Required protective structures

Code	Name of Road	Total length (km)	Masonry walls (m3)	Gabion walls (m3)	Lined drain (m)
	Total	518.92	7,360	6,810	199,600
28DR001	Sole-Satdobato-Bhalche-Salme Road	22.80	140	100	10,000
28DR002	Kimtang, 1- Salme Road	2.50	50	30	
28DR003	Trishuli(Coloni)-Deurali-Meghang-Kimtang-Thambukhola Dhading Road	34.37	250	230	13,000
28DR004	Deurali-Bungtang Road	3.09	20	10	
28DR005	Sole-Sahugaun-Bhumidevi U. Ma. Vi. Road	14.81	50	40	5,000
28DR006	Meghang Bhanjyang-Barsunchet Road	9.86	40	40	3,000
28DR007	Palastar, 9-Aangutar-Andherikhola-Akkare-Sole Road	8.53	200	150	3,000
28DR008	Trishuli-Samari-Samaribhanjyang-Bharyangbhurung (Lokmarg)	17.86	1,200	1,200	7,000
28DR009	Mandredhunga-Gauribeshi-Kalikhola-Bhattagaun-Kha.Bha. Road	16.23	100	120	4,000
28DR010	Mandredhunga-Khadgabhanjyang-Dangsing-Kaphalpani Road	25.59	390	280	12,000
28DR011	Gorsyang-Shankhadevi U.Ma.Vi.-Hallephant-Bhorleni-Dangsing-Gumbadanda	7.76	50	70	2,000
28DR012	Khaireni-Haldephat-Dansing Road	14.47	60	50	4,000
28DR013	Devighat-Pusungtar-Khadgabhanjyang-Majhuwa-Ghorsyang Road	8.33	40	40	2,500
28DR014	Multhala-Chhatrekhola-Budhsing-Taruka-Dhading-Kahule Road	22.94	400	300	9,800
28DR015	Darshantar(Budhasing)-Tarukabesi-Koshikhola Road	8.11	60		2,700
28DR016	Gerkhutar-Chokade Road	13.85	200	130	6,200
28DR017	Nuwakot-Bageshwori-Ureni-Kalche-Mala Bhanjyang Road	23.99	330	120	10,400
28DR018	Rammandir-Panchakanya-Lamichhanegaun-Falate Road	5.27	100	50	1,200
28DR019	Fedibesi-Ganeshtan Ma.Bi.-Haldekalika Road	7.62	60	90	2,400
28DR020	Ganesthan-Najarmandap-Dandako Pato Road	9.49	130	130	3,200
28DR021	Dhikurepul-Bhaldanda(Suryamati)-Makaichaur-Mahendra Ma.Bi. Road	10.11	150	120	4,000
28DR022	Kaulethana-Mahendra Ma.vi.-Thansingphat Road	13.98	200	240	5,400
28DR023	Ranipauwa-Chaturale-Belkot-Tadipul Road	21.04	320	200	8,000
28DR024	Ratmate Ward No. - 7 ra 5 -Duipipal Dabali Road Road	4.61	190	200	1,300
28DR025	Simkhet-Bahundanda-Jiling VDC Office-Bagkhor Road	8.76	90	100	3,400
28DR026	Kolputar-Duipipal-Patle Road	43.75	700	650	21,500
28DR027	Aarukharka-Golma-Kalika Ma.Vi.-Lauke-Dhokabhanjyang Road	6.59	240	200	2,700
28DR028	Satbise-Salghari-Dahalthok-Ralukamaidan-Chilaunegaun-Bagmara Road	8.12	240	180	3,500
28DR029	Satbise-Deurali-Bagmara-Malabhanjyang Road	13.09	190	160	5,000
28DR030	Samundratar-Ramati-Kutungkhola-Ghyangphedi Road	15.01	120	200	5,600
28DR031	Samundratar-Hung-Kadeni-Kutumshang (Tourist Road)	13.96	70	100	4,500
28DR032	Laptandana-Panchakanya-Ga.Bi.Sa. Bhawan Road	6.33	50	90	2,000
28DR033	Aarukharka-Bahuntol-Schooldanda Road	7.85	50	70	3,600
28DR034	Chahare-Likhukhola-Kabilas-Ghalebhanjyang-Thaprek-Betini-Golfubhanjyang	32.68	350	500	11,200
28DR035	Chhahare-Shibalaya-Talakhu-Patibhanjyang (Lokmarga)	12.52	280	300	5,000
28DR036	Gurje-Aitaram Parti-Maidan-Chhap-Talakhu Road	23.04	250	320	11,500

3.2.5 WIDENING

Widening of the district road core network in Nuwakot is required only in specific locations (especially in loops) to bring it up to the minimum standard and to ensure sufficient space in the curves. Additional widening to a higher standard is not required because traffic volumes remain very low.

Table 3.2.5 Sections of the District Road Core Network requiring widening

Code	Name of Road	Total length (km)	VPD	Widening (m)
	Total			

3.2.6 BLACKTOPPING

An analysis of the traffic data for the different roads making up the district road core network shows that there are Five roads that are eligible for blacktopping (traffic volume exceeds 100 PCU).

Table 3.2.6 Sections of the district road core network requiring blacktopping

Code	Name of Road	Total length (km)	Blacktop (km)	Traffic (PCU)	Blacktopping (km)
	Total	518.92	5.93		139.63
28DR003	Trishuli(Coloni)-Deurali-Meghang-Kimtang-Thambukhola Dhading Road	34.37	-	102	34.37
28DR008	Trishuli-Samari-Samaribhanjyang-Bharyangbhurung (Lokmarg)	17.86	3.59	103	14.27
28DR010	Mandredhunga-Khadgabhanjyang-Dangsing-Kaphalpani Road	25.59	2.33	104	23.25
28DR017	Nuwakot-Bageshwori-Urلن-Kalche-Mala Bhanjyang Road	23.99	-	108	23.99
28DR026	Kolputar-Duipipal-Patle Road	43.75	-	101	43.75

3.3 NEW CONSTRUCTION

A list of proposed roads for new construction is listed below.

Table 3.3.1 Sections of the district road core network requiring new construction

Code	Name of Road	New VDCs	Existing length (km)	New length (km)	Bridge (m)
			Total	518.92	19.09
28DR001	Sole-Satdobato-Bhalche-Salme Road	Link two VDC	22.80	2.00	
28DR002	Kimtang, 1- Salme Road	Salme; Two DRCN Connection	2.50	9.63	
28DR017	Nuwakot-Bageshwori-Urleni-Kalche-Mala Bhanjyang Road	Urleni; Tourism extension	23.99	7.46	

3.4 DISTRICT TRANSPORT PERSPECTIVE PLAN

The DTTPP foresees bringing the entire existing district road core network to maintainable all-weather status. For this purpose, 139.63 km will be blacktopped, 437.83 km will be gravelled and number of different cross drainage and protective structures will be constructed. The following table lists the required interventions, while the proposed network is shown in the DTTPP map in figure 4.

Table 3.4.1

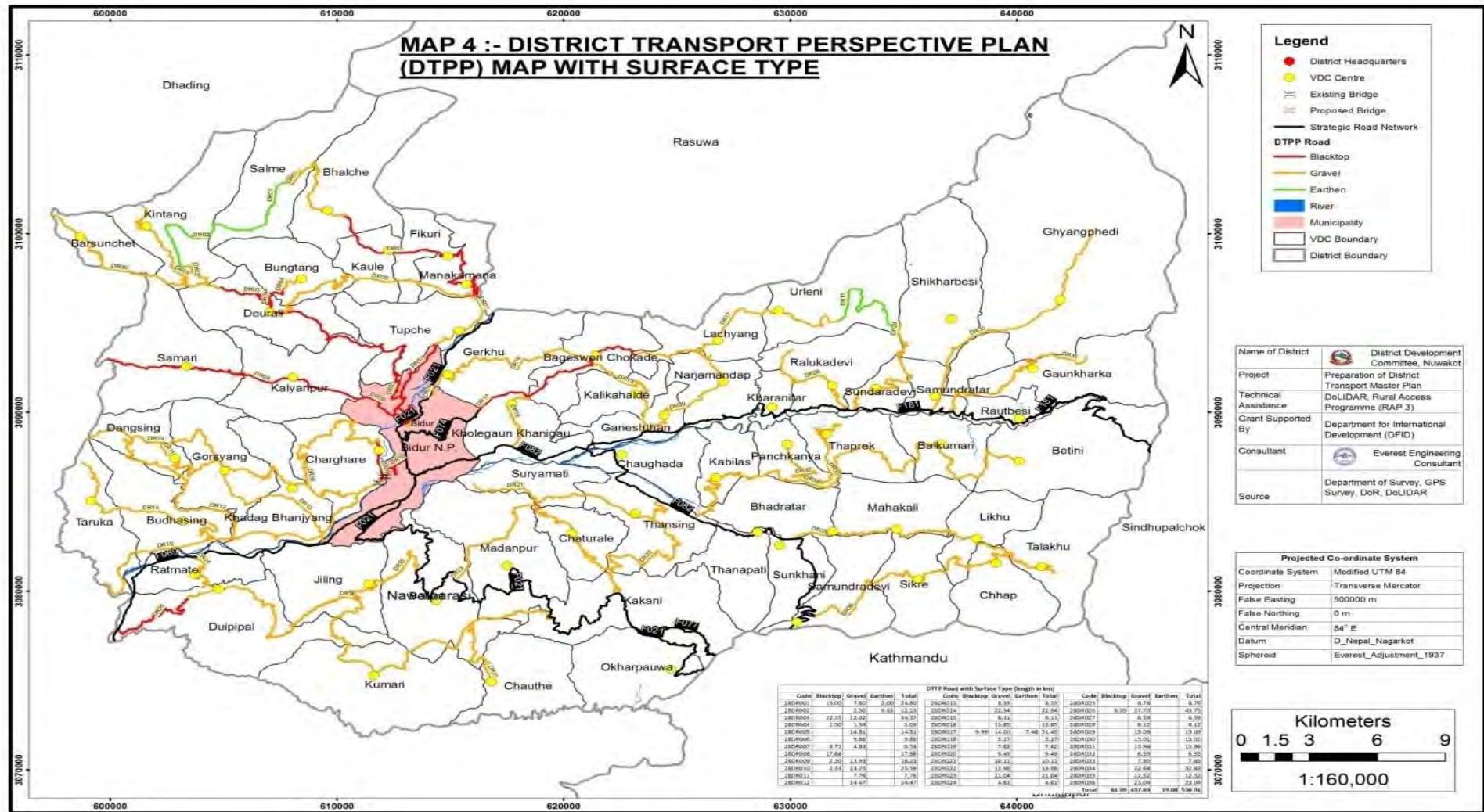
District Transport Perspective Plan

Code	Emergency maintenance (km)	Routine maintenance (km)	Recurrent maintenance (km)	Periodic maintenance (km)	Rehabilitation (km)	Gravelling (km)	Blacktopping (km)	Widening (m)	Bridge (m)	Slab culvert (m)	CC Causeway (m)	Stone Causeway (m)	Pipe culvert (units)	Masonry walls (m3)	Gabion walls (m3)	Lined drain (m)	New construction (km)
Total	518.92	518.92	518.92	81.09	-	437.83	139.63	-	310	15	5,039	180	492	7,360	6,810	199,600	19.09
28DR001	22.80	22.80	22.80	15.00	-	7.80	-	-	-	-	160	-	9	140	100	10,000	2.00
28DR002	2.50	2.50	2.50	-	-	2.50	-	-	-	-	-	-	-	50	30	-	9.63
28DR003	34.37	34.37	34.37	22.35	-	12.02	34.37	-	-	-	320	-	20	250	230	13,000	-
28DR004	3.09	3.09	3.09	1.50	-	1.59	-	-	-	-	30	-	3	20	10	-	-
28DR005	14.81	14.81	14.81	-	-	14.81	-	-	-	-	-	-	5	50	40	5,000	-
28DR006	9.86	9.86	9.86	-	-	9.86	-	-	-	-	40	20	7	40	40	3,000	-
28DR007	8.53	8.53	8.53	3.71	-	4.83	-	-	40	-	70	-	10	200	150	3,000	-
28DR008	17.86	17.86	17.86	17.86	-	-	14.27	-	-	-	140	-	15	1,200	1,200	7,000	-
28DR009	16.23	16.23	16.23	2.30	-	13.93	-	-	-	5	40	-	10	100	120	4,000	-
28DR010	25.59	25.59	25.59	2.33	-	23.25	23.25	-	80	-	500	-	40	390	280	12,000	-
28DR011	7.76	7.76	7.76	-	-	7.76	-	-	-	-	20	-	4	50	70	2,000	-
28DR012	14.47	14.47	14.47	-	-	14.47	-	-	-	-	-	-	5	60	50	4,000	-

Code	Emergency maintenance (km)	Routine maintenance (km)	Recurrent maintenance (km)	Periodic maintenance (km)	Rehabilitation (km)	Gravelling (km)	Blacktopping (km)	Widening (m)	Bridge (m)	Slab culvert (m)	CC Causeway (m)	Stone Causeway (m)	Pipe culvert (units)	Masonry walls (m3)	Gabion walls (m3)	Lined drain (m)	New construction (km)
28DR013	8.33	8.33	8.33	-	-	8.33	-	-	-	-	-	5	40	40	2,500	-	
28DR014	22.94	22.94	22.94	-	-	22.94	-	-	-	10	100	50	10	400	300	9,800	-
28DR015	8.11	8.11	8.11	-	-	8.11	-	-	-	-	20	-	5	60	-	2,700	-
28DR016	13.85	13.85	13.85	-	-	13.85	-	-	-	-	20	-	7	200	130	6,200	-
28DR017	23.99	23.99	23.99	9.99	-	14.00	23.99	-	-	-	150	100	35	330	120	10,400	7.46
28DR018	5.27	5.27	5.27	-	-	5.27	-	-	-	-	30	10	6	100	50	1,200	-
28DR019	7.62	7.62	7.62	-	-	7.62	-	-	-	-	40	-	10	60	90	2,400	-
28DR020	9.49	9.49	9.49	-	-	9.49	-	-	-	-	80	-	14	130	130	3,200	-
28DR021	10.11	10.11	10.11	-	-	10.11	-	-	-	-	100	-	12	150	120	4,000	-
28DR022	13.98	13.98	13.98	-	-	13.98	-	-	-	-	400	-	16	200	240	5,400	-
28DR023	21.04	21.04	21.04	-	-	21.04	-	-	60	-	300	-	23	320	200	8,000	-
28DR024	4.61	4.61	4.61	-	-	4.61	-	-	-	-	160	-	12	190	200	1,300	-
28DR025	8.76	8.76	8.76	-	-	8.76	-	-	-	-	60	-	8	90	100	3,400	-
28DR026	43.75	43.75	43.75	6.05	-	37.70	43.75	-	-	-	500	-	60	700	650	21,500	-
28DR027	6.59	6.59	6.59	-	-	6.59	-	-	-	-	60	-	8	240	200	2,700	-

Code	Emergency maintenance (km)	Routine maintenance (km)	Recurrent maintenance (km)	Periodic maintenance (km)	Rehabilitation (km)	Gravelling (km)	Blacktopping (km)	Widening (m)	Bridge (m)	Slab culvert (m)	CC Causeway (m)	Stone Causeway (m)	Pipe culvert (units)	Masonry walls (m3)	Gabion walls (m3)	Lined drain (m)	New construction (km)
28DR028	8.12	8.12	8.12	-	-	8.12	-	-	-	-	100	-	14	240	180	3,500	-
28DR029	13.09	13.09	13.09	-	-	13.09	-	-	-	-	279	-	15	190	160	5,000	-
28DR030	15.01	15.01	15.01	-	-	15.01	-	-	-	-	60	-	12	120	200	5,600	-
28DR031	13.96	13.96	13.96	-	-	13.96	-	-	-	-	-	-	3	70	100	4,500	-
28DR032	6.33	6.33	6.33	-	-	6.33	-	-	-	-	200	-	15	50	90	2,000	-
28DR033	7.85	7.85	7.85	-	-	7.85	-	-	-	-	120	-	8	50	70	3,600	-
28DR034	32.68	32.68	32.68	-	-	32.68	-	-	-	-	160	-	8	350	500	11,200	-
28DR035	12.52	12.52	12.52	-	-	12.52	-	-	80	-	460	-	40	280	300	5,000	-
28DR036	23.04	23.04	23.04	-	-	23.04	-	-	50	-	320	-	18	250	320	11,500	-

Figure 4 : District Transport Perspective Plan (DTTPP)



4. COST ESTIMATION

Standard costs for the different activities required have been referred from guideline during cost estimation. Estimation of conservation activities are calculated for a year and then it is multiplied by five to determine total conservation cost for the DTMP period. But estimation of improvement and new construction activities are calculated by summation of estimation of the total cost required for each activities.

4.1 CONSERVATION

The costs of the required conservation measures have been calculated using the following standard costs. These standard costs have been applied to the entire district road core network, whereby distinction is made based on the surface type in the case of recurrent and periodic maintenance. The standard cost for recurrent maintenance in guidelines seems very high so it is reduced and makes realistic by studying reports/estimates of recurrent maintenance carried out by DoR. Standard cost of emergency maintenance is adjusted by slightly reducing in the DTMP guideline's rate as suggested by DTO office. Periodic maintenance of blacktop road is practically done in every 5 years interval, so the budget is allocated in first and last year only. Periodic maintenance of blacktop road is practically done in every 5 years interval, so the budget is allocated in first and last year only. The estimated costs for the first year are presented below, while the costs for subsequent years will vary slightly as road surface types change as a result of improvements. Detailed cost estimations for the actual maintenance needs in any given year will be presented in the ARAMP.

Table 4.1.1 Standard unit costs for conservation

Activity	Unit	DTMP actual unit cost (NPR)
Emergency maintenance	km	25,000
Routine maintenance	km	20,000
Recurrent maintenance (blacktop)	km	200,000
Recurrent maintenance (gravel)	km	130,000
Recurrent maintenance (earthen)	km	120,000
Periodic maintenance (blacktop)	km	200,000
Periodic maintenance (gravel)	km	150,000

Table 4.1.2 Estimated conservation costs for the first year (NPR '000)

Code	Total length (km)	Blacktop (km)	Gravel (km)	Earthen (km)	Emergency maintenance	Routine maintenance	Recurrent maintenance (blacktop)	Recurrent maintenance (gravel)	Recurrent maintenance (earthen)	Periodic maintenance (blacktop)	Periodic maintenance (gravel)	Total first year cost	Total 5-year cost
Total	518.92	5.93	75.16	437.83	12,973	10,378	1,185	9,771	52,540	1,185	11,275	99,308	496,541
28DR001	22.80	-	15.00	7.80	570	456	-	1,950	936	-	2,250	6,162	30,812
28DR002	2.50	-	-	2.50	63	50	-	-	300	-	-	413	2,064
28DR003	34.37	-	22.35	12.02	859	687	-	2,906	1,442	-	3,353	9,247	46,233
28DR004	3.09	-	1.50	1.59	77	62	-	195	191	-	225	750	3,748
28DR005	14.81	-	-	14.81	370	296	-	-	1,778	-	-	2,444	12,222
28DR006	9.86	-	-	9.86	247	197	-	-	1,183	-	-	1,627	8,136
28DR007	8.53	-	3.71	4.83	213	171	-	482	579	-	556	2,001	10,007
28DR008	17.86	3.59	14.27	-	447	357	718	1,855	-	718	2,140	6,236	31,180
28DR009	16.23	-	2.30	13.93	406	325	-	299	1,672	-	345	3,045	15,227
28DR010	25.59	2.33	-	23.25	640	512	467	-	2,790	467	-	4,876	24,378
28DR011	7.76	-	-	7.76	194	155	-	-	931	-	-	1,281	6,403
28DR012	14.47	-	-	14.47	362	289	-	-	1,737	-	-	2,388	11,941
28DR013	8.33	-	-	8.33	208	167	-	-	1,000	-	-	1,375	6,874
28DR014	22.94	-	-	22.94	573	459	-	-	2,753	-	-	3,785	18,924
28DR015	8.11	-	-	8.11	203	162	-	-	973	-	-	1,338	6,692
28DR016	13.85	-	-	13.85	346	277	-	-	1,662	-	-	2,286	11,428
28DR017	23.99	-	9.99	14.00	600	480	-	1,299	1,680	-	1,499	5,558	27,789
28DR018	5.27	-	-	5.27	132	105	-	-	633	-	-	870	4,349
28DR019	7.62	-	-	7.62	190	152	-	-	914	-	-	1,257	6,284
28DR020	9.49	-	-	9.49	237	190	-	-	1,139	-	-	1,566	7,832
28DR021	10.11	-	-	10.11	253	202	-	-	1,213	-	-	1,668	8,339
28DR022	13.98	-	-	13.98	349	280	-	-	1,677	-	-	2,306	11,531
28DR023	21.04	-	-	21.04	526	421	-	-	2,525	-	-	3,472	17,358
28DR024	4.61	-	-	4.61	115	92	-	-	553	-	-	761	3,804
28DR025	8.76	-	-	8.76	219	175	-	-	1,052	-	-	1,446	7,230
28DR026	43.75	-	6.05	37.70	1,094	875	-	786	4,524	-	907	8,186	40,930
28DR027	6.59	-	-	6.59	165	132	-	-	791	-	-	1,088	5,438
28DR028	8.12	-	-	8.12	203	162	-	-	974	-	-	1,340	6,699

Code	Total length (km)	Blacktop (km)	Gravel (km)	Earthen (km)	Emergency maintenance	Routine maintenance	Recurrent maintenance (blacktop)	Recurrent maintenance (gravel)	Recurrent maintenance (earthen)	Periodic maintenance (blacktop)	Periodic maintenance (gravel)	Total first year cost	Total 5-year cost
28DR029	13.09	-	-	13.09	327	262	-	-	1,571	-	-	2,160	10,801
28DR030	15.01	-	-	15.01	375	300	-	-	1,801	-	-	2,477	12,383
28DR031	13.96	-	-	13.96	349	279	-	-	1,675	-	-	2,303	11,516
28DR032	6.33	-	-	6.33	158	127	-	-	759	-	-	1,044	5,219
28DR033	7.85	-	-	7.85	196	157	-	-	942	-	-	1,295	6,475
28DR034	32.68	-	-	32.68	817	654	-	-	3,921	-	-	5,391	26,957
28DR035	12.52	-	-	12.52	313	250	-	-	1,503	-	-	2,067	10,333
28DR036	23.04	-	-	23.04	576	461	-	-	2,765	-	-	3,801	19,006

4.2 IMPROVEMENT

Costs of required improvement measures have been calculated using the following standard rates. These standard rates have been applied in identified improvement requirements presented in the previous chapter.

Table 4.2.1 Standard unit costs for improvement activities

Activity	Unit	DTMP actual unit cost (NPR)
Rehabilitation	km	800,000
Widening	m	2,500
Gravelling	km	2,200,000
Blacktopping	km	5,700,000
Bridge construction	m	800,000
Slab culvert construction	m	150,000
CC Causeway construction	m	100,000
Stone Causeway construction	m	10,000
Pipe culvert placement	unit	100,000
Masonry wall construction	m^3	10,000
Gabion wall construction	m^3	3,500
Lined drain construction	m	1,200

Table 4.2.2

Cost estimate for improvement measures (NPR '000)

Code	Total length (km)	Rehabilitation	Widening	Gravelling	Blacktopping	Bridges	Slab culverts	CC causeways	Stone causeways	Pipe culvert	Masonry walls	Gabion walls	Lined drains	Total cost
Total	518.92	-	-	963,235	795,913	248,000	2,250	503,900	1,800	49,200	73,600	23,835	239,520	2,901,252
28DR001	22.80	-	-	17,166	-	-	-	16,000	-	900	1,400	350	12,000	47,816
28DR002	2.50	-	-	5,503	-	-	-	-	-	-	500	105	-	6,108
28DR003	34.37	-	-	26,437	195,894	-	-	32,000	-	2,000	2,500	805	15,600	275,236
28DR004	3.09	-	-	3,494	-	-	-	3,000	-	300	200	35	-	7,029
28DR005	14.81	-	-	32,591	-	-	-	-	-	500	500	140	6,000	39,731
28DR006	9.86	-	-	21,697	-	-	-	4,000	200	700	400	140	3,600	30,737
28DR007	8.53	-	-	10,617	-	32,000	-	7,000	-	1,000	2,000	525	3,600	56,742
28DR008	17.86	-	-	-	81,335	-	-	14,000	-	1,500	12,000	4,200	8,400	121,435
28DR009	16.23	-	-	30,648	-	-	750	4,000	-	1,000	1,000	420	4,800	42,618
28DR010	25.59	-	-	51,159	132,548	64,000	-	50,000	-	4,000	3,900	980	14,400	320,987
28DR011	7.76	-	-	17,074	-	-	-	2,000	-	400	500	245	2,400	22,619
28DR012	14.47	-	-	31,842	-	-	-	-	-	500	600	175	4,800	37,917
28DR013	8.33	-	-	18,331	-	-	-	-	-	500	400	140	3,000	22,371
28DR014	22.94	-	-	50,465	-	-	1,500	10,000	500	1,000	4,000	1,050	11,760	80,275

Code	Total length (km)	Rehabilitation	Widening	Gravelling	Blacktopping	Bridges	Slab culverts	CC causeways	Stone causeways	Pipe culvert	Masonry walls	Gabion walls	Lined drains	Total cost
28DR015	8.11	-	-	17,844	-	-	-	2,000	-	500	600	-	3,240	24,184
28DR016	13.85	-	-	30,474	-	-	-	2,000	-	700	2,000	455	7,440	43,069
28DR017	23.99	-	-	30,800	136,762	-	-	15,000	1,000	3,500	3,300	420	12,480	203,262
28DR018	5.27	-	-	11,597	-	-	-	3,000	100	600	1,000	175	1,440	17,912
28DR019	7.62	-	-	16,757	-	-	-	4,000	-	1,000	600	315	2,880	25,552
28DR020	9.49	-	-	20,885	-	-	-	8,000	-	1,400	1,300	455	3,840	35,880
28DR021	10.11	-	-	22,237	-	-	-	10,000	-	1,200	1,500	420	4,800	40,157
28DR022	13.98	-	-	30,750	-	-	-	40,000	-	1,600	2,000	840	6,480	81,670
28DR023	21.04	-	-	46,287	-	48,000	-	30,000	-	2,300	3,200	700	9,600	140,087
28DR024	4.61	-	-	10,143	-	-	-	16,000	-	1,200	1,900	700	1,560	31,503
28DR025	8.76	-	-	19,281	-	-	-	6,000	-	800	900	350	4,080	31,411
28DR026	43.75	-	-	82,949	249,375	-	-	50,000	-	6,000	7,000	2,275	25,800	423,398
28DR027	6.59	-	-	14,501	-	-	-	6,000	-	800	2,400	700	3,240	27,641
28DR028	8.12	-	-	17,865	-	-	-	10,000	-	1,400	2,400	630	4,200	36,495
28DR029	13.09	-	-	28,803	-	-	-	27,900	-	1,500	1,900	560	6,000	66,663
28DR030	15.01	-	-	33,020	-	-	-	6,000	-	1,200	1,200	700	6,720	48,840

Code	Total length (km)	Rehabilitation	Widening	Gravelling	Blacktopping	Bridges	Slab culverts	CC causeways	Stone causeways	Pipe culvert	Masonry walls	Gabion walls	Lined drains	Total cost
28DR031	13.96	-	-	30,709	-	-	-	-	300	700	350	5,400	37,459	
28DR032	6.33	-	-	13,917	-	-	-	20,000	-	1,500	500	315	2,400	38,632
28DR033	7.85	-	-	17,267	-	-	-	12,000	-	800	500	245	4,320	35,132
28DR034	32.68	-	-	71,886	-	-	-	16,000	-	800	3,500	1,750	13,440	107,376
28DR035	12.52	-	-	27,555	-	64,000	-	46,000	-	4,000	2,800	1,050	6,000	151,405
28DR036	23.04	-	-	50,684	-	40,000	-	32,000	-	1,800	2,500	1,120	13,800	141,904

4.3 NEW CONSTRUCTION

For new construction, the following standard costs have been applied to estimate the costs involved.

Table 4.3.1

Standard unit costs for new construction

Activity	Unit	DTMP actual unit cost (NPR)
Track opening	km	4,000,000
Gravelling	km	2,200,000
Bridge construction	m	800,000

Table 4.3.2

Cost Estimate for new construction (NPR '000)

Code	Name of Road	New length (km)	Opening up (NPR)	Gravelling (NPR)	Bridges (NPR)	Total cost (NPR)
	Total	19.09	76,343	41,989	-	118,332
28DR001	Sole-Satdobato-Bhalche-Salme Road	2.00	8,000	4,400	-	12,400
28DR002	Kimtang, 1- Salme Road	9.63	38,520	21,186	-	59,706
28DR017	Nuwakot-Bageshwori-Urلن-Kalche-Mala Bhanjyang Road	7.46	29,823	16,403	-	46,226

4.4 DTPP COSTS

Table 4.4.1

DTPP Costs (NPR '000)

Code	Name of Road	Conservation	Improvement	New construction	Total
	Total	496,541	2,901,252	118,332	3,516,126
28DR001	Sole-Satdobato-Bhalche-Salme Road	30,812	47,816	12,400	91,029
28DR002	Kimtang, 1- Salme Road	2,064	6,108	59,706	67,878
28DR003	Trishuli(Coloni)-Deurali-Meghang-Kimtang-Thambukhola Dhading Road	46,233	275,236	-	321,469
28DR004	Deurali-Bungtang Road	3,748	7,029	-	10,777
28DR005	Sole-Sahugaun-Bhumidevi U. Ma. Vi. Road	12,222	39,731	-	51,952
28DR006	Meghang Bhanjyang-Barsunchet Road	8,136	30,737	-	38,873
28DR007	Palastar, 9-Aangutar-Andherikhola-Akkare-Sole Road	10,007	56,742	-	66,749

Code	Name of Road	Conservation	Improvement	New construction	Total
28DR008	Trishuli-Samari-Samaribhanjyang-Bharyangbhurung (Lokmarg)	31,180	121,435	-	152,615
28DR009	Mandredhunga-Gauribeshi-Kalikhola-Bhattagaun-Kha.Bha. Road	15,227	42,618	-	57,845
28DR010	Mandredhunga-Khadgabhanjyang-Dangsing-Kaphalpani Road	24,378	320,987	-	345,365
28DR011	Gorsyang-Shankhadevi U.Ma.Vi.-Hallephant-Bhorleni-Dangsing-Gumbadanda	6,403	22,619	-	29,021
28DR012	Khaireni-Haldephat-Dansing Road	11,941	37,917	-	49,858
28DR013	Devighat-Pusungtar-Khadgabhanjyang-Majhuwa-Ghorsyang Road	6,874	22,371	-	29,246
28DR014	Multhala-Chhatrekhola-Budhsing-Taruka-Dhading-Kahule Road	18,924	80,275	-	99,199
28DR015	Darshantar(Budhasing)-Tarukabesi-Koshikhola Road	6,692	24,184	-	30,876
28DR016	Gerkhutar-Chokade Road	11,428	43,069	-	54,497
28DR017	Nuwakot-Bageshwori-Urleni-Kalche-Mala Bhanjyang Road	27,789	203,262	46,226	277,277
28DR018	Rammandir-Panchakanya-Lamichhanegaun-Falate Road	4,349	17,912	-	22,261
28DR019	Fedibesi-Ganeshthan Ma.Bi.-Haldekalika Road	6,284	25,552	-	31,836
28DR020	Ganesthan-Najarmandap-Dandako Pato Road	7,832	35,880	-	43,712
28DR021	Dhikurepul-Bhaldanda(Suryamati)-Makaichaur-Mahendra Ma.Bi. Road	8,339	40,157	-	48,496
28DR022	Kaulethana-Mahendra Ma.vi.-Thansingphat Road	11,531	81,670	-	93,201
28DR023	Ranipauwa-Chaturale-Belkot-Tadipul Road	17,358	140,087	-	157,445
28DR024	Ratmate Ward No. - 7 ra 5 -Duipipal Dabali Road	3,804	31,503	-	35,307
28DR025	Simkhet-Bahundanda-Jiling VDC Office-Bagkhor Road	7,230	31,411	-	38,641
28DR026	Kolputar-Duipipal-Patle Road	40,930	423,398	-	464,329
28DR027	Aarukharka-Golma-Kalika Ma.Vi.-Lauke-Dhokabhanjyang Road	5,438	27,641	-	33,079
28DR028	Satbise-Salghari-Dahalthok-Ralukamaidan-Chilaunegaun-Bagmara Road	6,699	36,495	-	43,194
28DR029	Satbise-Deurali-Bagmara-Malabhanjyang Road	10,801	66,663	-	77,464

Code	Name of Road	Conservation	Improvement	New construction	Total
28DR030	Samundratar-Ramati-Kutungkhola-Ghyangphedi Road	12,383	48,840	-	61,223
28DR031	Samundratar-Hung-Kadeni-Kutumshang (Tourist Road)	11,516	37,459	-	48,975
28DR032	Laptandanda-Panchakanya-Ga.Bi.Sa. Bhawan Road	5,219	38,632	-	43,851
28DR033	Aarukharka-Bahuntol-Schooldanda Road	6,475	35,132	-	41,607
28DR034	Chahare-Likhukhola-Kabilas-Ghalebhanjyang-Thaprek-Betini-Golfubhanjyang	26,957	107,376	-	134,333
28DR035	Chhahare-Shibalaya-Talakhu-Patibhanjyang (Lokmarga)	10,333	151,405	-	161,738
28DR036	Gurje-Aitaram Parti-Maidan-Chhap-Talakhu Road	19,006	141,904	-	160,910

5. RANKING

Ranking of required interventions determine the priority for implementation. The ranking is done separately for conservation, improvement and new construction. Ranking is done according to cost per person served, whereby the costs are estimated costs of the previous chapter. Population served is calculated using population data for VDCs linked by particular road given in **Annex 3**.

5.1 CONSERVATION

Ranking of roads for conservation is done in basis of total conservation costs per person served by the road. This ranking of roads will be updated each year in the ARAMP based on the actual cost estimates for the year concerned. An example ranking is provided in the table below based on standard costs for the first year.

Table 5.1.1 Ranking of Conservation works (NPR '000)

Code	Total length (km)	1. Emergency	2. Routine	3. Recurrent (blacktop)	4. Recurrent (gravel)	5. Recurrent (earth)	6. Periodic (blacktop)	7. Periodic (gravel)	Total cost (NPR '000)	Population served	Cost/person (NPR)
28DR016	13.85	346	277	-	-	1,662	-	-	2,286	38,123	60
28DR007	8.53	213	171	-	482	579	-	556	2,001	32,041	62
28DR014	22.94	573	459	-	-	2,753	-	-	3,785	41,094	92
28DR002	2.50	63	50	-	-	300	-	-	413	4,162	99
28DR019	7.62	190	152	-	-	914	-	-	1,257	12,320	102
28DR020	9.49	237	190	-	-	1,139	-	-	1,566	13,543	116
28DR017	23.99	600	480	-	1,299	1,680	-	1,499	5,558	45,565	122
28DR010	25.59	640	512	467	-	2,790	467	-	4,876	38,341	127
28DR013	8.33	208	167	-	-	1,000	-	-	1,375	9,597	143
28DR018	5.27	132	105	-	-	633	-	-	870	5,330	163
28DR015	8.11	203	162	-	-	973	-	-	1,338	8,173	164
28DR008	17.86	447	357	718	1,855	-	718	2,140	6,236	37,781	165
28DR035	12.52	313	250	-	-	1,503	-	-	2,067	12,200	169
28DR021	10.11	253	202	-	-	1,213	-	-	1,668	9,780	171
28DR022	13.98	349	280	-	-	1,677	-	-	2,306	13,446	172
28DR023	21.04	526	421	-	-	2,525	-	-	3,472	19,420	179

Code	Total length (km)	1. Emergency	2. Routine	3. Recurrent (blacktop)	4. Recurrent (gravel)	5. Recurrent (earth)	6. Periodic (blacktop)	7. Periodic (gravel)	Total cost (NPR '000)	Population served	Cost/person (NPR)
28DR033	7.85	196	157	-	-	942	-	-	1,295	6,617	196
28DR024	4.61	115	92	-	-	553	-	-	761	3,793	201
28DR003	34.37	859	687	-	2,906	1,442	-	3,353	9,247	45,938	201
28DR011	7.76	194	155	-	-	931	-	-	1,281	6,167	208
28DR025	8.76	219	175	-	-	1,052	-	-	1,446	6,286	230
28DR026	43.75	1,094	875	-	786	4,524	-	907	8,186	33,603	244
28DR005	14.81	370	296	-	-	1,778	-	-	2,444	8,431	290
28DR028	8.12	203	162	-	-	974	-	-	1,340	4,563	294
28DR034	32.68	817	654	-	-	3,921	-	-	5,391	17,538	307
28DR027	6.59	165	132	-	-	791	-	-	1,088	3,535	308
28DR036	23.04	576	461	-	-	2,765	-	-	3,801	12,158	313
28DR031	13.96	349	279	-	-	1,675	-	-	2,303	6,617	348
28DR004	3.09	77	62	-	195	191	-	225	750	2,117	354
28DR029	13.09	327	262	-	-	1,571	-	-	2,160	5,945	363
28DR012	14.47	362	289	-	-	1,737	-	-	2,388	6,167	387
28DR032	6.33	158	127	-	-	759	-	-	1,044	2,675	390
28DR001	22.80	570	456	-	1,950	936	-	2,250	6,162	14,861	415
28DR030	15.01	375	300	-	-	1,801	-	-	2,477	5,097	486
28DR009	16.23	406	325	-	299	1,672	-	345	3,045	5,419	562
28DR006	9.86	247	197	-	-	1,183	-	-	1,627	426	3,820

Allocation of maintenance funding will follow a specific sequence indicated below, and will be applied to the road ranking as defined in the ARAMP. This is importance and be followed accordingly where fund is insufficient to cover all conservation costs.

1. Emergency maintenance
2. Routine maintenance
3. Recurrent maintenance paved roads
4. Recurrent maintenance gravel roads
5. Recurrent maintenance earthen roads
6. Periodic maintenance blacktop roads
7. Periodic maintenance gravel roads

5.2 IMPROVEMENT

In the case of improvement activities, ranking is again done in the basis of the total cost per person served. The resulting order of the roads is shown in the table below. In the case of roads requiring blacktopping, the improvement of the road has been split into two phases. The first phase includes all improvements to bring the road to a maintainable all-weather standard (gravelling, widening, cross drainage and protective structures), while the second phase only includes the blacktopping. This has been done to avoid unnecessarily delaying the improvement of such roads to all-weather gravel standard due to the additional cost of blacktopping (increasing the cost per person served).

Table 5.2.1 Ranking of improvement works (NPR '000)

Code	Total length (km)	Gravelling (km)	Blacktopping (km)	Total cost (NPR '000)	Population served	Cost/person (NPR)
28DR016	13.85	13.85	-	43,069	38,123	1,130
28DR002	2.50	2.50	-	6,108	4,162	1,468
28DR007	8.53	4.83	-	56,742	32,041	1,771
28DR014	22.94	22.94	-	80,275	41,094	1,953
28DR019	7.62	7.62	-	25,552	12,320	2,074
28DR013	8.33	8.33	-	22,371	9,597	2,331
28DR020	9.49	9.49	-	35,880	13,543	2,649
28DR015	8.11	8.11	-	24,184	8,173	2,959
28DR008	17.86	-	14.27	121,435	37,781	3,214
28DR001	22.80	7.80	-	47,816	14,861	3,218
28DR004	3.09	1.59	-	7,029	2,117	3,320
28DR018	5.27	5.27	-	17,912	5,330	3,361
28DR011	7.76	7.76	-	22,619	6,167	3,668
28DR021	10.11	10.11	-	40,157	9,780	4,106

Code	Total length (km)	Gravelling (km)	Blacktopping (km)	Total cost (NPR '000)	Population served	Cost/person (NPR)
28DR017	23.99	14.00	23.99	203,262	45,565	4,461
28DR005	14.81	14.81	-	39,731	8,431	4,712
28DR025	8.76	8.76	-	31,411	6,286	4,997
28DR033	7.85	7.85	-	35,132	6,617	5,309
28DR031	13.96	13.96	-	37,459	6,617	5,661
28DR003	34.37	12.02	34.37	275,236	45,938	5,991
28DR022	13.98	13.98	-	81,670	13,446	6,074
28DR034	32.68	32.68	-	107,376	17,538	6,122
28DR012	14.47	14.47	-	37,917	6,167	6,148
28DR023	21.04	21.04	-	140,087	19,420	7,214
28DR027	6.59	6.59	-	27,641	3,535	7,819
28DR009	16.23	13.93	-	42,618	5,419	7,865
28DR028	8.12	8.12	-	36,495	4,563	7,998
28DR024	4.61	4.61	-	31,503	3,793	8,306
28DR010	25.59	23.25	23.25	320,987	38,341	8,372
28DR030	15.01	15.01	-	48,840	5,097	9,582
28DR029	13.09	13.09	-	66,663	5,945	11,213
28DR036	23.04	23.04	-	141,904	12,158	11,672
28DR035	12.52	12.52	-	151,405	12,200	12,410
28DR026	43.75	37.70	43.75	423,398	33,603	12,600
28DR032	6.33	6.33	-	38,632	2,675	14,442
28DR006	9.86	9.86	-	30,737	426	72,152

5.3 NEW CONSTRUCTION

For the roads proposed for new construction, ranking is also according to the cost per person served by the new road. The result of ranking is given in the table below.

Table 5.3.1 Ranking of construction works (NPR '000)

Code	Length (km)	Total cost (NPR '000)	Population served	Cost/person (NPR)
28DR003	-	-	45,938	-
28DR005	-	-	8,431	-
28DR006	-	-	426	-
28DR007	-	-	32,041	-
28DR008	-	-	37,781	-
28DR009	-	-	5,419	-
28DR010	-	-	38,341	-
28DR011	-	-	6,167	-
28DR012	-	-	6,167	-
28DR013	-	-	9,597	-
28DR014	-	-	41,094	-
28DR015	-	-	8,173	-
28DR016	-	-	38,123	-
28DR018	-	-	5,330	-
28DR019	-	-	12,320	-
28DR020	-	-	13,543	-
28DR021	-	-	9,780	-
28DR022	-	-	13,446	-
28DR023	-	-	19,420	-
28DR024	-	-	3,793	-
28DR025	-	-	6,286	-
28DR026	-	-	33,603	-
28DR027	-	-	3,535	-
28DR028	-	-	4,563	-
28DR029	-	-	5,945	-
28DR030	-	-	5,097	-
28DR031	-	-	6,617	-
28DR032	-	-	2,675	-
28DR033	-	-	6,617	-
28DR004	-	-	2,117	-
28DR034	-	-	17,538	-
28DR035	-	-	12,200	-
28DR036	-	-	12,158	-
28DR001	2.00	12,400	14,861	834
28DR017	7.46	46,226	45,565	1,015
28DR002	9.63	59,706	4,162	14,346

6. DISTRICT TRANSPORT MASTER PLAN (DTMP)

Based upon the prioritized transport linkages and the projected financial plan, first five year District Transport Master Plan (DTMP) indicating the year-wise target has been prepared. Various categories of interventions such as Conservation, Improvement and New construction for roads have been prepared and presented in this report.

6.1 FIVE YEAR PROJECTED FINANCIAL RESOURCES

Major sources of funding to rural road network development are mainly the DDC development grant, DDC's own resources, DoLIDAR support, GoN's grant and support from other donor agencies. While preparing the financial plan, current available financial resources from various agencies and assuming 10% annual growth on this was considered and this is then projected for the next five years to prepare the First Five-year Financial Plan as presented in table 6.1.1.

Table 6.1.1 Estimated funding levels (roads) for next five years (in NPR '000)

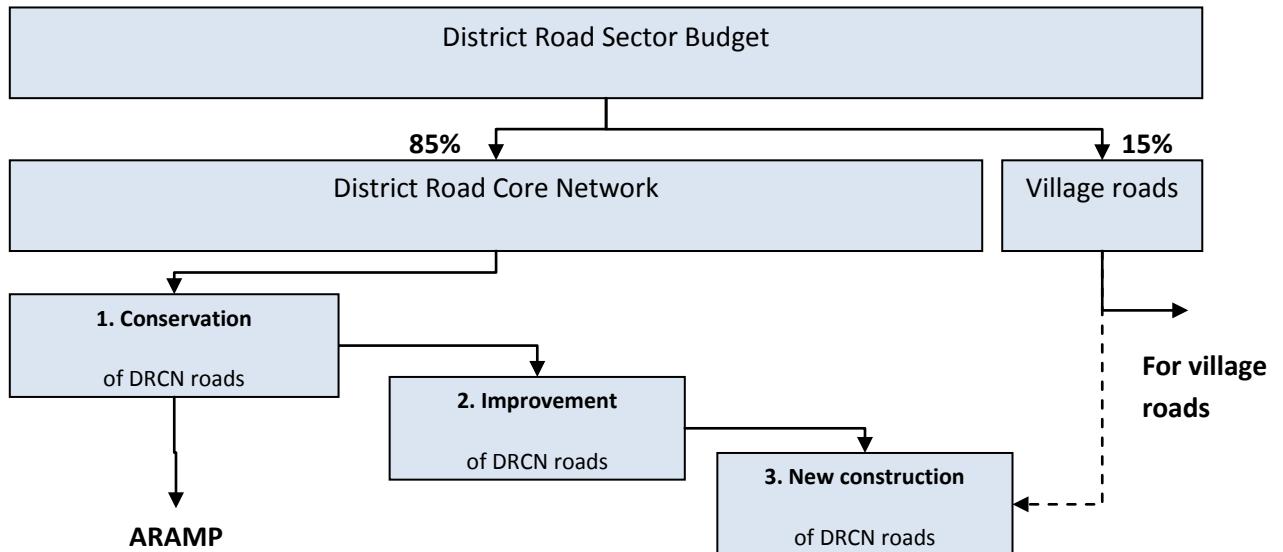
Funding source	Fiscal year									
	2072/73	2073/74	2074/75	2075/76	2076/77					
RTI SWAP Funding	22,000	24,200	26,620	29,282	32,210					
DDC Grant	3,620	3,982	4,380	4,818	5,300					
Members of Parliament	30,000	33,000	36,300	39,930	43,923					
DDC Internal Revenue	10,700	11,770	12,947	14,242	15,666					
Road Board Nepal	3,400	3,740	4,114	4,525	3,977					
Strengthening National Rural Transportation Programme (SNRTP) Budget	80,000	150,000	165,000	181,500	199,650					
Local Road Bridge Programme (LRBP*) Budget		40,000	44,000	48,400	53,240					
Earthquake Emergency Assistance Programme (EEAP**) Budget										
Total	149,720	266,692	293,361	322,697	353,966					
Grand total	1,386,436									
*LRBP Budget for this Fy is already allocated for Khahera Khola bridge, Kuthup Khola Bridge and Kolpu Khola Bridhe so, the budget is not shown for Fy 2072/073										
**EEAP Budget for FY 2072/73 has been arranged but the ceiling was not yet finalised. Roads proposed for EEAP Build Back Better (BBB) in the district.										

Source: DDC/DTO

6.2 BUDGET ALLOCATION

Distribution of available district road sector budget is indicated in the figure below. 85% of total budget is allocated for the District Road Core Network. Remaining 15% budget can be used by the DDC for village roads, giving priority to emergency maintenance then routine/recurrent maintenance. Alternatively, this 15% may be used for the new construction of DRCN roads following the ranking which is considered a priority by the district. The DRCN budget is primarily allocated to conservation and surplus of this is then allocated to improvement. There is not sufficient budget for improvement of all DRCN of Nuwakot, Remaining improvement works shall plan for next DTMP period.

Figure 5 : District Road Sector Budget Allocation



Based on distribution of the estimated budget, the available annual budget for each intervention type and the resulting district road core network length by surface type can be calculated. The results are shown in the following table. Budget allocation to some roads for improvement is not possible due to the various reasons however, they are ranked on top.

Table 6.2.1 Investment Plan

A	Item	Year					
		2072/73	2073/74	2074/75	2075/76	2076/77	
	Total budget	149,720	266,692	293,361	322,697	353,966	
	Village roads	22,458	40,004	44,004	48,405	53,095	15%
	Core road network budget (DTMP)	127,262	226,688	249,357	274,292	300,871	85%
B	Core network length (km)	518.92	518.92	518.92	518.92	518.92	518.92
	Blacktop (km)	5.93	8.14	8.14	8.14	22.41	31.22
	Gravel (km)	75.16	75.16	102.76	146.41	142.48	167.43
	Earthen (km)	437.83	435.62	408.02	364.38	354.04	320.28
C	Conservation (NRs)	96,759	98,300	102,716	109,699	114,693	522,168
	Emergency	10,424	12,973	12,973	12,973	12,973	
	Routine	10,378	10,378	10,378	10,378	10,378	
	Recurrent (blacktop)	1,185	1,627	1,627	1,627	4,481	
	Recurrent (gravel)	9,771	9,771	13,359	19,034	18,523	
	Recurrent (earthen)	52,540	52,275	48,963	43,725	42,484	
	Periodic (blacktop)	1,185				4,481	
	Periodic (gravel)	11,275	11,275	15,415	21,962	21,373	

Note:1. Periodic maintenance of Blacktopped road is practically done in every 5 years interval, so the budget is allocated in first and last year only.

D	Improvement	Cost	BT	GR	30,503	BT	GR	128,388	BT	GR	146,641	BT	GR	164,593	BT	GR	186,178	BT	GR	BT	Gravel length	
	28DR016	43,069	-	13.85		-	-	43,069	-	13.85		-	-	-	-	-	-	-	-	-	13.85	
	28DR002	6,108	-	2.50		-	-	6,108	-	2.50		-	-	-	-	-	-	-	-	-	2.50	
	28DR007	56,742	-	4.83		-	-	56,742	-	4.83		-	-	-	-	-	-	-	-	-	4.83	
	28DR014	80,275	-	22.94		-	-	22,469	-	6.42	57,805	-	16.52		-	-	-	-	-	-	22.94	
	28DR019	25,552	-	7.62		-	-	-	-	-	25,552	-	7.62		-	-	-	-	-	-	7.62	
	28DR013	22,371	-	8.33		-	-	-	-	-	22,371	-	8.33		-	-	-	-	-	-	8.33	
	28DR020	35,880	-	9.49		-	-	-	-	-	35,880	-	9.49		-	-	-	-	-	-	9.49	
	28DR015	24,184	-	8.11		-	-	-	-	-	5,032	-	1.69	19,152	-	6.42		-	-	-	8.11	
	28DR008	121,435	14.27	-		-	-	-	-	-	-	-	-	121,435	14.27	-	-	-	-	-	14.27	
	28DR001	47,816	-	7.80		-	-	-	-	-	-	-	-	24,006	-	3.92	23,810	-	3.89	-	7.80	
	28DR004	7,029	-	1.59		-	-	-	-	-	-	-	-	-	-	-	7,029	-	1.59	-	1.59	
	28DR018	17,912	-	5.27		-	-	-	-	-	-	-	-	-	-	-	-	17,912	-	5.27	-	5.27
	28DR011	22,619	-	7.76		-	-	-	-	-	-	-	-	-	-	-	-	22,619	-	7.76	-	7.76
	28DR021	40,157	-	10.11		-	-	-	-	-	-	-	-	-	-	-	-	40,157	-	10.11	-	10.11
	28DR017	203,262	23.99	14.00		-	-	-	-	-	-	-	-	-	-	-	-	74,650	8.81	5.14	8.81	5.14
	28DR005	39,731	-	14.81		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR025	31,411	-	8.76		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR033	35,132	-	7.85		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR031	37,459	-	13.96		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR003	275,236	34.37	12.02		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR022	81,670	-	13.98		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR034	107,376	-	32.68		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR012	37,917	-	14.47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR023	140,087	-	21.04		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR027	27,641	-	6.59		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR009	42,618	-	13.93		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR028	36,495	-	8.12		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR024	31,503	-	4.61		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	28DR010	320,987	23.25	23.25	30,503	2.21	2.21	128,388	-	27.60	146,641	-	43.65	164,593	14.27	10.34	186,178	8.81	33.76	656,303	Improvement	
E	Construction	Cost	GR	7,500	Earthen Track	9,375	Earthen Track	11,719	Earthen Track	14,648	Earthen Track	18,311	Earthen Track								2.00	
	28DR001	12,400	2.00	7,500	1.88	480	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00	
	28DR017	46,226	7.46	-	8,895	2.22	9,000	2.25	11,945	2.99	-	-	-	-	-	-	-	-	-	-	7.46	
	28DR002	59,706	9.63	-	-	-	-	2,719	0.68	2,703	0.68	18,311	4.58	5.93								
F	Remaining budget			7,500	1.88	9,375	2.34	11,719	2.93	14,648	3.66	18,311	4.58	61,553	New construction budget addition expected Remaining budget for village Road							

<u>Actions Taken for Table 6.2.1</u>
<u>Section A:</u> DTMP Final Workshop/Meeting decided that budget allocation for VRCN to be 20% of total resources. But almost budget from different projects are conditional and to be allocated for DRCN so it is reduced as 15%.
<u>Section B:</u> The exact road length by surface type is calculated for the different years based on starting length and any upgrading or new construction carried out in previous years.
<u>Section C:</u> Periodic maintenance of Black topped road is practically done in every 5 years interval, so the budget is allocated in first and last year only.
<u>Section D:</u> Following Roads do not receive the DTMP budget even they stands ahead in priority list due to the following reasons: 28DR005, 28DR025, 28DR033, 28DR031, 28DR003, 28DR022, 28DR034, 28DR012, 28DR023, 28DR027, 28DR009, 28DR028, 28DR024: These are either link roads or more expensive with less important. Start point of these roads still earthen fair weather and fail to get DTMP budget due to Priority in lower number and due to lack of available funds. They should carry over to next DTMP period. Following roads are already been selected by DDC for improvement before the DTMP preparation work, even some of the road stood below in DTMP priority ranking. a) Road 28DE019, 28DR013, 28DR003, 28DR022, 28DR010 already selected for improvement from SNRTP funds.
<u>Section E:</u> Following roads are selected for new construction due to following reasons: a) Road 28DR001, 28DR017, 28DR002: These roads are selected by DDC for new construction from RTI SWAP funding under VDC connection new roads.
<u>Section F:</u> The budget for new construction are expected to come from Village roads (15 % budget which is deducted in village road budget in Section A and remaining budget is shown in this section E) or new source of budget expected from central budget specially for VDC connection roads (not shown as funding sources due to uncertainty of budget figures).

6.3.1 DTMP OUTPUT

Based on the investment plan presented above, all DRCN roads will be conserved for the duration of DTMP implementation. Further 117.55 km will be improved to gravel standard and 25.29 km will be improved as blacktop standard and 15.39 km will be new constructed of DRCN roads. All of these roads will also receive the cross drainage and protective structures required to make them maintainable all-weather roads.

Table 6.3.1 DTMP output

Conservation	Improvement gravel	Improvement blacktop	New construction
518.92	117.55	25.29	15.39

6.4.1 DTMP OUTCOME

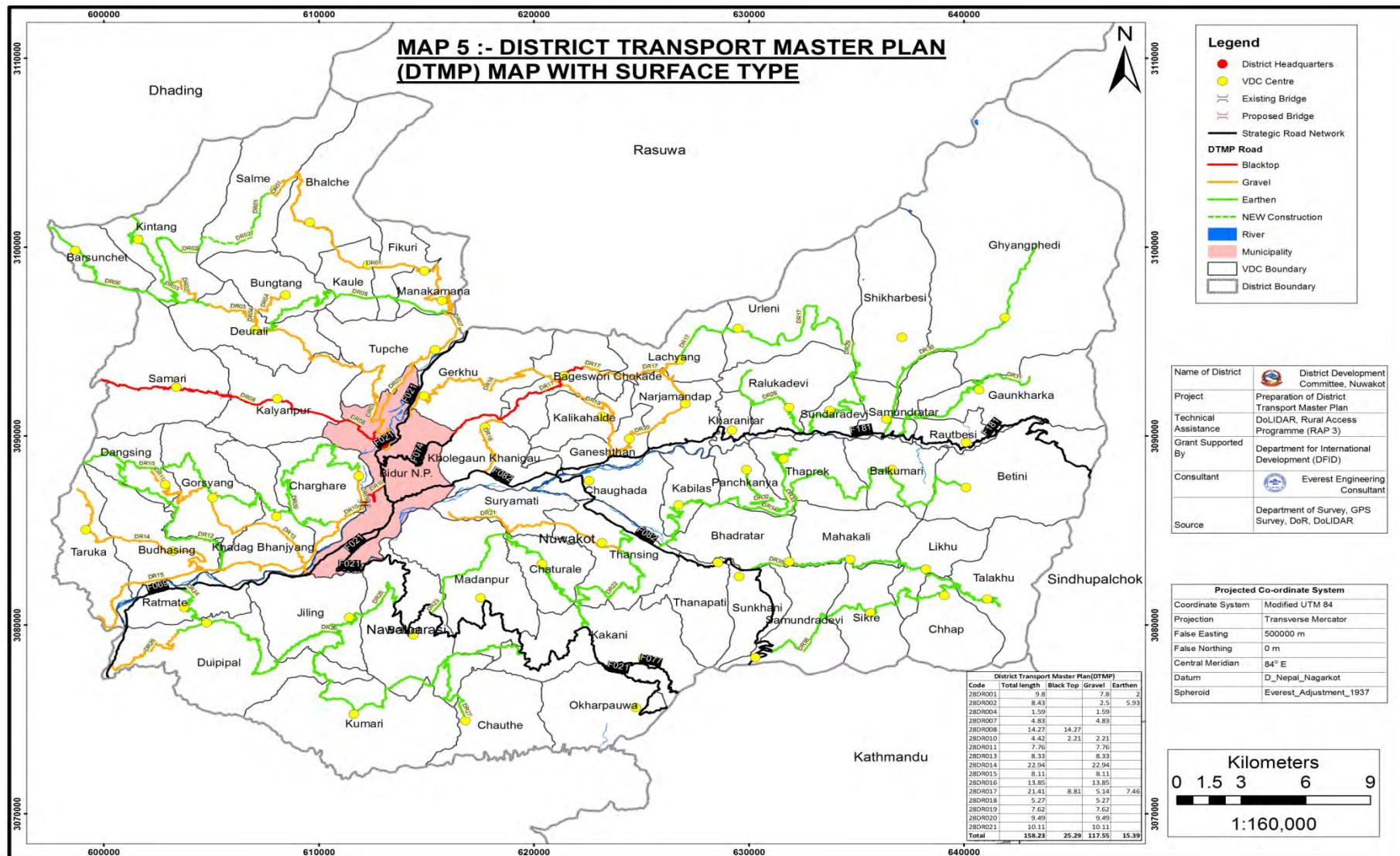
Table 6.4.1 Standard of DRCN roads

	Total length km	Fair-weather		All-weather gravel		All-weather blacktop	
		km	%	km	%	km	%
Start of DTMP	518.92	437.83	84%	75.16	14%	5.93	1%
End of DTMP	518.92	320.28	62%	167.43	32%	31.22	6%
Difference	-	117.55	-23%	92.26	18%	25.29	5%

Table 6.4.2 Population with access to road network

	Direct access to SRN			No access to road			Fair-weather core roads			All-weather core roads		
	VDCs	Population	%	VDCs	Population	%	VDCs	Population	%	VDCs	Population	%
Start of DTMP	12	80,595	29%	1	426	0%	41	147,264	53%	8	47,490	17%
End of DTMP	12	80,595	29%	-	-	0%	42	147,690	54%	8	47,490	17%
Difference	-	-	0%	1	426	0%	1	426	0%	-	-	0%

Figure 6 : District Transport Master Plan (DTMP)



ANNEX 1 GIS FILE PROJECTION AND COORDINATE SYSTEM

GPS Setting

Grid: **Lat/Long hdd.ddd** and Datum **Indian Bangladesh** and Unit in **metric** system has been considered in GPS during field survey. Garmin 62S GPS receiver was used in GPS field survey.

Defining the coordinate systems and reprojecting data in ArcGIS

We can define a coordinate system for data using the following options in ArcGIS using the [Define Projection tool](#) in the Data Management toolbox. If the data has a coordinate system definition, but it does not match the typical coordinate system used by an organization, we can reproject the data using the [Project tool](#) in the Data Management toolbox. We need to use the corresponding projection parameters while defining the coordinate system or reprojecting the data.

Projection and coordinate System used in GIS Shape file

- Projection type: Conformal (preserving shape)
- Projected coordinate system: Modified Universal Transverse Mercator
- Parameters of the coordinate system:
- *False_Easting: 500000*
- *False_Northing: 0*
- *Central_Meridian: 84 for Central of Nepal*
- *Scale_Factor: 0.9999*
- *Latitude_Of-Origin: 0*
- *Datum: D_Nepal_Nagarkot*
- *Spheroide: Everest_Adjustment_1937*

ANNEX 2 TRAFFIC DATA

Code	Total Length (km)	Motorcycle	Car-Jeep-Minibus	Tractor	Truck-Bus	PCU	VPD
28DR001	22.80	30	10	8	5	61	23
28DR002	2.50	3		2		6	2
28DR003	34.37	50	13	12	10	102	35
28DR004	3.09	15	3	6	4	39	13
28DR005	14.81	7		2		8	2
28DR006	9.86	4		4		10	4
28DR007	8.53	18	8	8	10	73	26
28DR008	17.86	30	8	10	15	103	33
28DR009	16.23	5	2	2	2	17	6
28DR010	25.59	40	10	15	11	104	36
28DR011	7.76	8		4		12	4
28DR012	14.47	10	3	2		12	5
28DR013	8.33	15	2	2		14	4
28DR014	22.94	15	7	6	10	67	23
28DR015	8.11	12	2			8	2
28DR016	13.85	12	3	6		21	9
28DR017	23.99	50	15	10	12	108	37
28DR018	5.27	14		4	4	31	8
28DR019	7.62	12	1	4	2	23	7
28DR020	9.49	11		6	5	38	11
28DR021	10.11	13	2	2	2	21	6
28DR022	13.98	15	2	7	2	32	11
28DR023	21.04	40	8	12	10	92	30
28DR024	4.61	15	4	8	4	44	16
28DR025	8.76	12	2	4	2	24	8
28DR026	43.75	45	8	15	10	101	33
28DR027	6.59	9		4		13	4
28DR028	8.12	12		4		14	4
28DR029	13.09	12				6	-
28DR030	15.01	25	5	4	4	42	13
28DR031	13.96	12	3	5	3	31	11
28DR032	6.33	12	3	5	3	31	11
28DR033	7.85	15	4	5	3	34	12
28DR034	32.68	40	2	6	4	50	12
28DR035	12.52	20	4	4	5	42	13
28DR036	23.04	15	5	3	2	27	10

ANNEX 3 POPULATION SERVED

#	VDC/municipality	Population	Connections			
	Total population	275,775	80,595	SRN		
Total VDCs/municipalities	62		12	5	2	
1 Bagesiworichokade	4,986	3	14,861	28DR001		
2 Balkumarl	2,486	1	4,162	28DR002		
3 Barsunchet	426	2	7	45,938	28DR003	
4 Belkot	7,660	1	x			
5 Beteni	4,372	1				
6 Bhadratar	3,238	2	x			
7 Bhalche	3,488	1	x			
8 Budhasing	2,940	2				
9 Bungtang	2,117	3		x	x	
10 Charghare	5,419	2		x	x	
11 Chaturale	3,238	1				
12 Chaughada	5,480	1	x			
13 Chauthe	3,535	2				
14 Chhap	2,085	1				
15 Dangsing	2,736	3		x	x	
16 Deurali	3,656	1		x		
17 Duiipipal	7,790	1				
18 Fikuri	2,873	1	x			
19 Ganeshthan	3,728	2				
20 Gaunkharka	3,180	1				
21 Gerkhu	6,382	1			x	
22 Ghyangphedi,	3,100	1				
23 Gorsyang	3,431	4		x	x	x
24 Jiling	6,286	2				
25 Kabilas	4,063	1				
26 Kakni	7,320	4	x			
27 Kalikahalde	3,606	1			x	
28 Kalyanpur	5,722	2		x		

Level of Access

#	VDC/municipality	No access DRCN start DTMP	No access DRCN end DTMP	Fair-weather DRCN start DTMP	Fair-weather DRCN end DTMP	All-weather DRCN start DTMP	All-weather DRCN end DTMP	Direct access to SRN
	Total population	426	-	147,264	147,690	47,490	47,490	80,595
	Total VDCs	1	0	41	42	8	8	12
1	Bagesiworichokade				x	x		
2	Balkumarl			x	x			
3	Barsunchet	x			x			
4	Belkot						x	
5	Beteni			x	x			
6	Bhadratar						x	
7	Bhalche			x	x			
8	Budhasing			x	x			
9	Bungtang			x	x			
10	Charghare				x	x		
11	Chaturale		x	x				
12	Chaughada						x	
13	Chauthe		x	x				
14	Chhap		x	x				
15	Dangsing		x	x				
16	Deurali		x	x				
17	Duipipal				x	x		
18	Fikuri		x	x				
19	Ganeshthan		x	x				
20	Gaunkharka		x	x				
21	Gerkhu		x	x				
22	Ghyangphedi,		x	x				
23	Gorsyang				x	x		
24	Jiling			x	x			
25	Kabilas		x	x				
26	Kakni						x	
27	Kalikahalde		x	x				
28	Kalyanpur				x	x		

29	Kaule			x	x			
30	Khadagbhanjang					x	x	
31	Kharaintar							x
32	Kholegaunkhanigaun				x	x		
33	Kintang				x	x		
34	Kumarai					x	x	
35	Lachyang				x	x		
36	Likhu				x	x		
37	Madanpur							x
38	Mahakali				x	x		
39	Manakamaana				x	x		
40	Narjamandap				x	x		
41	Okharpauwa							x
42	Panchakanya				x	x		
43	Ralukadevi				x	x		
44	Ratmate				x	x		
45	Rautbesi							x
46	Salme				x	x		
47	Samari					x	x	
48	Samundradevi							x
49	Samundratar,				x	x		
50	Shikharbesi				x	x		
51	Sikre				x	x		
52	Sundaradevi				x	x		
53	Sunkhani							x
54	Suryamati				x	x		
55	Talakhu				x	x		
56	Taruka				x	x		
57	Thanapati							x
58	Thansing				x	x		
59	Thaprek				x	x		
60	Tupche				x	x		
61	Urلنি				x	x		
62	Bidur Municipality							x

ANNEX 4 LOCATION OF PROPOSED INTERVENTIONS

Road code	Road Name	Length (km)	Start chainage (km) or X-coordinate	End chainage (km) or Y-coordinate	Rehabilitation (km)	Gravelling (km)	Blacktopping (km)	Widening (m)	Bridge (m)	Slab culvert (m)	CC Causeway (m)	Stone Causeway (m)	Pipe culvert (units)	Masonry walls (m3)	Gabion walls (m3)	Lined drain (m)
	Total	518.92			-	437.83	139.63	-	310	15	5,039	180	492	7,360	6,810	199,600
28DR001	Sole-Satdobato-Bhalche-Salme Road	22.80	0+000	22.+803	-	7.80	-	-	-	160	-	9	140	100	10,000	
28DR002	Kimtang, 1- Salme Road	2.50	0+000	2.+501	-	2.50	-	-	-	-	-	-	-	50	30	-
28DR003	Trishuli(Coloni)-Deurali-Meghang-Kimtang-Thambukhola Dhading Road	34.37	0+000	34.+367	-	12.02	34.37	-	-	320	-	20	250	230	13,000	
28DR004	Deurali-Bungtang Road	3.09	0+000	3.+088	-	1.59	-	-	-	30	-	3	20	10	-	
28DR005	Sole-Sahugaun-Bhumidevi U. Ma. Vi. Road	14.81	0+000	14.+814	-	14.81	-	-	-	-	-	-	5	50	40	5,000
28DR006	Meghang Bhanjyang-Barsunchet Road	9.86	0+000	9.+862	-	9.86	-	-	-	40	20	7	40	40	3,000	
28DR007	Palastar, 9-Aangutar-Andherikhola-Akkare-Sole Road	8.53	0+000	8.+534	-	4.83	-	-	40	-	70	-	10	200	150	3,000
28DR008	Trishuli-Samari-Samaribhanjyang-Bharyangbhurung (Lokmarg)	17.86	0+000	17.+861	-	-	14.27	-	-	-	140	-	15	1,200	1,200	7,000
28DR009	Mandredhunga-Gauribeshi-Kalikhola-Bhattagaun-Kha.Bha. Road	16.23	0+000	16.+229	-	13.93	-	-	-	5	40	-	10	100	120	4,000
28DR010	Mandredhunga-Khadgabhanjyang-Dangsing-Kaphalpani Road	25.59	0+000	25.+588	-	23.25	23.25	-	80	-	500	-	40	390	280	12,000

Road code	Road Name	Length (km)	Start chainage (km) or X-coordinate	End chainage (km) or Y-coordinate	Rehabilitation (km)	Gravelling (km)	Blacktopping (km)	Widening (m)	Bridge (m)	Slab culvert (m)	CC Causeway (m)	Stone Causeway (m)	Pipe culvert (units)	Masonry walls (m³)	Gabion walls (m³)	Lined drain (m)
28DR011	Gorsyang-Shankhadevi U.Ma.Vi.-Hallephant-Bhorleni-Dangsing-Gumbadanda	7.76	0+000	7.+761	-	7.76	-	-	-	-	20	-	4	50	70	2,000
28DR012	Khaireni-Haldephat-Dansing Road	14.47	0+000	14.+474	-	14.47	-	-	-	-	-	-	5	60	50	4,000
28DR013	Devighat-Pusungtar-Khadgabhanjyang-Majhuwa-Ghorsyang Road	8.33	0+000	8.+332	-	8.33	-	-	-	-	-	-	5	40	40	2,500
28DR014	Multhala-Chhatrekhola-Budhsing-Taruka-Dhading-Kahule Road	22.94	0+000	22.+938	-	22.94	-	-	-	10	100	50	10	400	300	9,800
28DR015	Darshantar(Budhsing)-Tarukabesi-Koshikhola Road	8.11	0+000	8.+111	-	8.11	-	-	-	-	20	-	5	60	-	2,700
28DR016	Gerkhutar-Chokade Road	13.85	0+000	13.+852	-	13.85	-	-	-	-	20	-	7	200	130	6,200
28DR017	Nuwakot-Bageshwori-Urleni-Kalche-Mala Bhanjyang Road	23.99	0+000	23.+993	-	14.00	23.99	-	-	-	150	100	35	330	120	10,400
28DR018	Rammandir-Panchakanya-Lamichhanegaun-Falate Road	5.27	0+000	5.+271	-	5.27	-	-	-	-	30	10	6	100	50	1,200
28DR019	Fedibesi-Ganeshthan Ma.Bi.-Haldekalika Road	7.62	0+000	7.+617	-	7.62	-	-	-	-	40	-	10	60	90	2,400
28DR020	Ganesthan-Najarmandap-Dandako Pato Road	9.49	0+000	9.+493	-	9.49	-	-	-	-	80	-	14	130	130	3,200
28DR021	Dhikurepul-Bhaldanda(Suryamati)-Makaichaur-Mahendra Ma.Bi. Road	10.11	0+000	10.+108	-	10.11	-	-	-	-	100	-	12	150	120	4,000
28DR022	Kaulethana-Mahendra Ma.vi.-Thansingphat Road	13.98	0+000	13.+977	-	13.98	-	-	-	-	400	-	16	200	240	5,400
28DR023	Ranipauwa-Chaturale-Belkot-	21.04	0+000	21.+040	-											

Road code	Road Name	Length (km)	Start chainage (km) or X-coordinate	End chainage (km) or Y-coordinate	Rehabilitation (km)	Gravelling (km)	Blacktopping (km)	Widening (m)	Bridge (m)	Slab culvert (m)	CC Causeway (m)	Stone Causeway (m)	Pipe culvert (units)	Masonry walls (m³)	Gabion walls (m³)	Lined drain (m)
	Tadipul Road				21.04		-	60		300		23	320	200	8,000	
28DR024	Ratmate Ward No. - 7 ra 5 - Duiipal Dabali Road Road	4.61	0+000	4.+611	-	4.61	-	-	-	160	-	12	190	200	1,300	
28DR025	Simkhet-Bahundanda-Jiling VDC Office-Bagkhor Road	8.76	0+000	8.+764	-	8.76	-	-	-	60	-	8	90	100	3,400	
28DR026	Kolputar-Duiipal-Patle Road	43.75	0+000	43.+750	-	37.70	43.75	-	-	500	-	60	700	650	21,500	
28DR027	Aarukharka-Golma-Kalika Ma.Vi.-Lauke- Dhokabhanjyang Road	6.59	0+000	6.+591	-	6.59	-	-	-	60	-	8	240	200	2,700	
28DR028	Satbise-Salghari-Dahalthok-Ralukamaidan-Chilaunegaun-Bagmara Road	8.12	0+000	8.+120	-	8.12	-	-	-	100	-	14	240	180	3,500	
28DR029	Satbise-Deurali-Bagmara-Malabhanjyang Road	13.09	0+000	13.+092	-	13.09	-	-	-	279	-	15	190	160	5,000	
28DR030	Samundratar-Ramati-Kutungkhola-Ghyangphedi Road	15.01	0+000	15.+009	-	15.01	-	-	-	60	-	12	120	200	5,600	
28DR031	Samundratar-Hung-Kadeni-Kutumshang (Tourist Road)	13.96	0+000	13.+959	-	13.96	-	-	-	-	-	3	70	100	4,500	
28DR032	Laptandanda-Panchakanya-Ga.Bi.Sa. Bhawan Road	6.33	0+000	6.+326	-	6.33	-	-	-	200	-	15	50	90	2,000	
28DR033	Aarukharka-Bahuntol-Schooldanda Road	7.85	0+000	7.+849	-	7.85	-	-	-	120	-	8	50	70	3,600	
28DR034	Chahare-Likhukhola-Kabilas-Ghalebhanjyang-Thaprek-Betini-Golfubhanjyang	32.68	0+000	32.+675	-	32.68	-	-	-	160	-	8	350	500	11,200	
28DR035	Chhahare-Shibalaya-Talakhu-Patibhanjyang (Lokmarga)	12.52	0+000	12.+525	-	12.52	-	-	80	-	460	-	40	280	300	5,000
28DR036	Gurje-Aaitaram Parti-Maidan-Chhap-Talakhu Road	23.04	0+000	23.+038	-	23.04	-	-	50	-	320	-	18	250	320	11,500

ANNEX 5 OVERALL ROAD INVENTORY

Road code	Road Name	Length (km)	Start chainage (km) or XY-coordinate	End chainage (km) or XY-coordinate	Surface Type: Black Top	Surface Type : Gravel	Surface Type : Earth	All Weather	Fair Weather	Condition - Good/ Fair	Condition - Poor	Condition - Temporarily Impassable	Condition - Permanently Impassable
	Total	927.73		5.93	101.92	819.88	107.84	819.88	463.14	464.59	-	-	-
28DR001	Sole-Satdobato-Bhalche-Salme Road	22.80	0+000	22.+803	15.00	7.80	15.00	7.80	15.00	7.80			
28DR002	Kimtang, 1- Salme Road	2.50	0+000	2.+501		2.50	-	2.50	-	2.50			
28DR003	Trishuli(Coloni)-Deurali-Meghang-Kimtang-Thambukhola Dhading Road	34.37	0+000	34.+367	22.35	12.02	22.35	12.02	22.35	12.02			
28DR004	Deurali-Bungtang Road	3.09	0+000	3.+088	1.50	1.59	1.50	1.59	1.50	1.59			
28DR005	Sole-Sahugaun-Bhumidevi U. Ma. Vi. Road	14.81	0+000	14.+814		14.81	-	14.81	-	14.81			
28DR006	Meghang Bhanjyang-Barsunchet Road	9.86	0+000	9.+862		9.86	-	9.86	-	9.86			
28DR007	Palastar, 9-Aangutar-Andherikhola-Akkare-Sole Road	8.53	0+000	8.+534	3.71	4.83	3.71	4.83	3.71	4.83			
28DR008	Trishuli-Samari-Samaribhanjyang-Bharyangbhurung (Lokmarg)	17.86	0+000	17.+861	3.59	14.27		17.86	-	17.86	-		
28DR009	Mandredhunga-Gauribeshi-Kalikhola-Bhattagaun-Kha.Bha. Road	16.23	0+000	16.+229	2.30	13.93	2.30	13.93	2.30	13.93			
28DR010	Mandredhunga-Khadgabhanjyang-Dangsing-Kaphalpani Road	25.59	0+000	25.+588	2.33		23.25	2.33	23.25	2.33	23.25		
28DR011	Gorsyang-Shankhadevi U.Ma.Vi.-Hallephant-Bhorleni-Dangsing-Gumbadanda	7.76	0+000	7.+761		7.76	-	7.76	-	7.76			
28DR012	Khaireni-Haldephat-Dansing Road	14.47	0+000	14.+474		14.47	-	14.47	-	14.47			

Road code	Road Name	Length (km)	Start chainage (km) or XY-coordinate	End chainage (km) or XY-coordinate	Surface Type: Black Top	Surface Type : Gravel	Surface Type : Earth	All Weather	Fair Weather	Condition - Good/ Fair	Condition - Poor	Condition - Temporarily Impassable	Condition - Permanently Impassable
28DR013	Devighat-Pusungtar-Khadgabhanjyang-Majhuwa-Ghorsyang Road	8.33	0+000	8.+332			8.33	-	8.33	-	8.33		
28DR014	Multhala-Chhatrekhola-Budhsing-Taruka-Dhading-Kahule Road	22.94	0+000	22.+938			22.94	-	22.94	-	22.94		
28DR015	Darshantar(Budhasing)-Tarukabesi-Koshikhola Road	8.11	0+000	8.+111			8.11	-	8.11	-	8.11		
28DR016	Gerkhutar-Chokade Road	13.85	0+000	13.+852			13.85	-	13.85	-	13.85		
28DR017	Nuwakot-Bageshwori-Urلن-Kalche-Mala Bhanjyang Road	23.99	0+000	23.+993		9.99	14.00	9.99	14.00	9.99	14.00		
28DR018	Rammandir-Panchakanya-Lamichhanegaun-Falate Road	5.27	0+000	5.+271			5.27	-	5.27	-	5.27		
28DR019	Fedibesi-Ganeshthan Ma.Bi.-Haldekalika Road	7.62	0+000	7.+617			7.62	-	7.62	-	7.62		
28DR020	Ganesthan-Najarmandap-Dandako Pato Road	9.49	0+000	9.+493			9.49	-	9.49	-	9.49		
28DR021	Dhikurepul-Bhaldanda(Suryamati)-Makaichaur-Mahendra Ma.Bi. Road	10.11	0+000	10.+108			10.11	-	10.11	-	10.11		
28DR022	Kaulethana-Mahendra Ma.vi.-Thansinghat Road	13.98	0+000	13.+977			13.98	-	13.98	-	13.98		
28DR023	Ranipauwa-Chaturale-Belkot-Tadipul Road	21.04	0+000	21.+040			21.04	-	21.04	-	21.04		
28DR024	Ratmate Ward No. - 7 ra 5 -Duipipal Dabali Road Road	4.61	0+000	4.+611			4.61	-	4.61	-	4.61		
28DR025	Simkhet-Bahundanda-Jiling VDC Office-Bagkhor Road	8.76	0+000	8.+764			8.76	-	8.76	-	8.76		
28DR026	Kolputar-Duipipal-Patle Road	43.75	0+000	43.+750		6.05	37.70	6.05	37.70	6.05	37.70		
28DR027	Aarukharka-Golma-Kalika Ma.Vi.-Lauke-Dhokabhanjyang Road	6.59	0+000	6.+591			6.59	-	6.59	-	6.59		
28DR028	Satbise-Salghari-Dahalthok-	8.12	0+000	8.+120				-		-	-		

Road code	Road Name	Length (km)	Start chainage (km) or XY-coordinate	End chainage (km) or XY-coordinate	Surface Type: Black Top	Surface Type : Gravel	Surface Type : Earth	All Weather	Fair Weather	Condition - Good/ Fair	Condition - Poor	Condition - Temporarily Impassable	Condition - Permanently Impassable
	Ralukamaidan-Chilaunegaun-Bagmara Road					8.12		8.12		8.12			
28DR029	Satbise-Deurali-Bagmara-Malabhanjyang Road	13.09	0+000	13.+092		13.09		-	13.09	-	13.09		
28DR030	Samundratar-Ramati-Kutungkhola-Ghyangphedi Road	15.01	0+000	15.+009		15.01		-	15.01	-	15.01		
28DR031	Samundratar-Hung-Kadeni-Kutumshang (Tourist Road)	13.96	0+000	13.+959		13.96		-	13.96	-	13.96		
28DR032	Laptandanda-Panchakanya-Ga.Bi.Sa. Bhawan Road	6.33	0+000	6.+326		6.33		-	6.33	-	6.33		
28DR033	Aarukharka-Bahuntol-Schooldanda Road	7.85	0+000	7.+849		7.85		-	7.85	-	7.85		
28DR034	Chahare-Likhukhola-Kabilas-Ghalebhanjyang-Thaprek-Betini-Golfubhanjyang	32.68	0+000	32.+675		32.68		-	32.68	-	32.68		
28DR035	Chhahare-Shibalaya-Talakhu-Patibhanjyang (Lokmarga)	12.52	0+000	12.+525		12.52		-	12.52	-	12.52		
28DR036	Gurje-Aitaram Parti-Maidan-Chhap-Talakhu Road	23.04	0+000	23.+038		23.04		-	23.04	-	23.04		
	VRCN - (Total of Trackked Roads)	408.80			-	26.75	382.05	26.75	382.05	382.05	26.75	-	-
28VR001	Samari Bhanjyang-Thulo Dada-Phalante	10.07	0+000	10.+071		10.07		10.07	10.07	10.07			
28VR002	Deurali Dada-Bhange-Kallari-Taksar-Bharyang	5.89	0+000	5.+889		5.89		5.89	5.89	5.89			
28VR003	Tarukaghat-Kausini-Dhading	11.07	0+000	11.+066		11.07		11.07	11.07	11.07			
28VR004	Dadakharka-Bhanjyangkharka-Tersapani	5.82	0+000	5.+817		5.82		5.82	5.82	5.82			
28VR005	Samari Bhanjyang-Prepgau-Kintang	8.82	0+000	8.+822		8.82		8.82	8.82	8.82			

Road code	Road Name	Length (km)	Start chainage (km) or XY-coordinate	End chainage (km) or XY-coordinate	Surface Type: Black Top	Surface Type : Gravel	Surface Type : Earth	All Weather	Fair Weather	Condition - Good/ Fair	Condition - Poor	Condition - Temporarily Impassable	Condition - Permanently Impassable
28VR006	Samari-Dansing	5.95	0+000	5.+950			5.95		5.95	5.95			
28VR007	Kagune-Chiuribhanjyang	8.25	0+000	8.+252			8.25		8.25	8.25			
28VR008	Bidur N.P-Chambhanjyang-Charghare-Kuwa(Deurali)	9.23	0+000	9.+231			9.23		9.23	9.23			
28VR009	Pokharithok-Dharpani-Bhhatagaun	2.68	0+000	2.+677			2.68		2.68	2.68			
28VR010	Mahendradhunga-Chhap-Kuwapani	2.56	0+000	2.+558			2.56		2.56	2.56			
28VR011	Dhamale-Jiling VDC Bhawan-Khatiwodagaun-Duipipal	12.86	0+000	12.+861			12.86		12.86	12.86			
28VR012	Bageshwori-Deuralidanda	3.29	0+000	3.+292			3.29		3.29	3.29			
28VR013	Okharpauwa-Chauthe-Kumari-Kolputar	34.97	0+000	34.+969		5.00	29.97	5.00	29.97	29.97	5.00		
28VR014	Barabise-Jyhanglipokhari	3.65	0+000	3.+646			3.65		3.65	3.65			
28VR015	Dumrechaur Road-Chindekharka	3.06	0+000	3.+058			3.06		3.06	3.06			
28VR016	Dhulpul-Dumrechaur-Belkot	3.47	0+000	3.+472			3.47		3.47	3.47			
28VR017	Betrawati-Keraghari-Mahabir-Kuwapani-Bhorlebhanjyang	3.19	0+000	3.+195			3.19		3.19	3.19			
28VR018	Trishuli-Sole Bajar	6.33	0+000	6.+330		6.33		6.33			6.33		
28VR019	Trishuli Bajar-Bogatigau-Keurini Bhanjyang	4.19	0+000	4.+195		4.19		4.19			4.19		
28VR020	Ramche-Gerkhu	4.29	0+000	4.+287			4.29		4.29	4.29			
28VR021	Dhikurebajar-Kalimati-Halde		0+000	1.+992									

Road code	Road Name	Length (km)	Start chainage (km) or XY-coordinate	End chainage (km) or XY-coordinate	Surface Type: Black Top	Surface Type : Gravel	Surface Type : Earth	All Weather	Fair Weather	Condition - Good/ Fair	Condition - Poor	Condition - Temporarily Impassable	Condition - Permanently Impassable
		1.99				1.99		1.99	1.99				
28VR022	Thansing-Suryamati-Malakot-Madanpur-Belkot-Taadi Pul	14.46	0+000	14.+456		14.46		14.46	14.46				
28VR023	Shakti Ma.Vi-Dadakateri-Badhare-Malakot	7.89	0+000	7.+887		7.89		7.89	7.89				
28VR024	Barahi-Bhrikuti School-Duikadam-Nayapul	6.36	0+000	6.+360		6.36		6.36	6.36				
28VR025	Belkot-Kalighumti-Raikare-Bagaicha-Khaltepani-Bhritkuti	3.98	0+000	3.+978		3.98		3.98	3.98				
28VR026	Deurali-Gagara	3.87	0+000	3.+870		3.87		3.87	3.87				
28VR027	Lauke-Dangmai	6.30	0+000	6.+304		6.30		6.30	6.30				
28VR028	Ranipauwa-Gauribas-Jagare-Hile (Tourist Route)	8.90	0+000	8.+903		8.90		8.90	8.90				
28VR029	Kaulethana-Sanochitre-Chauthe-Dumrichaur	13.85	0+000	13.+850		13.85		13.85	13.85				
28VR030	Bahunbesi-Dadakopato-Lachyang	5.35	0+000	5.+348		5.35		5.35	5.35				
28VR031	Kharanitar-Praudanda	1.37	0+000	1.+371		1.37		1.37	1.37				
28VR032	Kharanitar-Raluka Maidan-Chilaunegaun-Baghmara	3.66	0+000	3.+655		3.66		3.66	3.66				
28VR033	Gadkhar-Aapraha	6.49	0+000	6.+487		6.49		6.49	6.49				
28VR034	Sheretar-subedidada-Thantibhanjyang	9.49	0+000	9.+489		9.49		9.49	9.49				
28VR035	Apraha-Rautar-Ghalebhanjyang	8.92	0+000	8.+922		8.92		8.92	8.92				
28VR036	Kakani-Simle-Thanapati-Chaiju-Kapfaldadasadak	9.51	0+000	9.+508		9.51		9.51	9.51				

Road code	Road Name	Length (km)	Start chainage (km) or XY-coordinate	End chainage (km) or XY-coordinate	Surface Type: Black Top	Surface Type : Gravel	Surface Type : Earth	All Weather	Fair Weather	Condition - Good/ Fair	Condition - Poor	Condition - Temporarily Impassable	Condition - Permanently Impassable
28VR037	Gurje-Chhahare-Chapabote	14.91	0+000	14.+908	8.23	6.68	8.23	6.68	6.68	8.23			
28VR038	Budhisera-Chhap	7.36	0+000	7.+365		7.36		7.36	7.36				
28VR039	Budhisera-Bhadratar	1.83	0+000	1.+833		1.83		1.83	1.83				
28VR040	Thanabhanjyang-Sunkhani-Budhisera	4.79	0+000	4.+793		4.79		4.79	4.79				
28VR041	Bhadtratar-Ghalebhanjyang	5.22	0+000	5.+222		5.22		5.22	5.22				
28VR042	Chihandanda-Kalleri	1.83	0+000	1.+828		1.83		1.83	1.83				
28VR043	Gurje-Dandagaun-Chihandanda-Bhadratar	7.89	0+000	7.+894		7.89		7.89	7.89				
28VR044	Arkhaule-Phedigaun-Bhanjyangthok	6.66	0+000	6.+655		6.66		6.66	6.66				
28VR045	Maldanda-Dahalthok	2.93	0+000	2.+929		2.93		2.93	2.93				
28VR046	Dandagaun-Mahakali	3.04	0+000	3.+042		3.04		3.04	3.04				
28VR047	Mangala Ma.Vi-Todkebhanjyang-Mahakali	8.64	0+000	8.+639		8.64		8.64	8.64				
28VR048	Kundala Ma.Vi-Gare-Manebhanjyang	6.74	0+000	6.+740		6.74		6.74	6.74				
28VR049	Gurje-Samundradevi-Purnibhanjyang-Alchhe	11.26	0+000	11.+260	3.00	8.26	3.00	8.26	8.26	3.00			
28VR050	Alchhe-Shikre-Gabisa Bhawan	3.42	0+000	3.+424		3.42		3.42	3.42				
28VR051	Alchhe-Maidan-Chhap-Shivalaya	4.49	0+000	4.+488		4.49		4.49	4.49				
28VR052	Dadhuwa-Majhuwa-Belkot		0+000	2.+843									

Road code	Road Name	Length (km)	Start chainage (km) or XY-coordinate	End chainage (km) or XY-coordinate	Surface Type: Black Top	Surface Type : Gravel	Surface Type : Earth	All Weather	Fair Weather	Condition - Good/ Fair	Condition - Poor	Condition - Temporarily Impassable	Condition - Permanently Impassable
		2.84				2.84		2.84	2.84				
28VR053	Mathillo Tame-Lamidanda-Bokedhunga	2.20	0+000	2.+196		2.20		2.20	2.20				
28VR054	Samundratar-Dadakharka	4.75	0+000	4.+754		4.75		4.75	4.75				
28VR055	Mishrabhanjyang-Shikharbeshi Ga.Bi.Sa. Bhawan	1.82	0+000	1.+818		1.82		1.82	1.82				
28VR056	Manebhanjyang-Gairigau-Rautebesi	0.88	0+000	0.+883		0.88		0.88	0.88				
28VR057	Kharkhet-Thulo Golphu	8.89	0+000	8.+886		8.89		8.89	8.89				
28VR058	Sano Golphu-Talakhu	8.40	0+000	8.+403		8.40		8.40	8.40				
28VR059	Shivalaya-Patibhanjyang-Chisapani-Sundarijal	10.53	0+000	10.+532		10.53		10.53	10.53				
28VR060	Pokhari (Likhu)-Taikote Village Road	8.16	0+000	8.+156		8.16		8.16	8.16				
28VR061	Talakhu(Batase Village Road)	3.09	0+000	3.+090		3.09		3.09	3.09				
28VR062	Shivalaya-Talakhu-Sundarijal	4.20	0+000	4.+198		4.20		4.20	4.20				

ANNEX 6 PHOTOGRAPHS



Start point Of Kolputar-Duipipal-Patela Road



Consultant Engineer Taking Field Data during DRCN Condition Survey, Meghang
Bhanjyang-Barsunchet Road

ANNEX 7 MINUTES

मिति २०८२ चैत्र १९२

~~मार्ग सेवा~~ को शुभ चाल यावरा वृद्ध गोते का देव
वाह उन्नाकार जिल्हा का रसायन विभाग आधिकारी
की राज्योदय कुगा (केस) पर्षु का अधिकारी तथा
सिलंका राजनीतिक सिलंका प्रभुल / प्रतिनिधि हैं,
जिल्हा का विभागीय विभागीय विभाग (प्रभुल / प्रतिनिधि)
ही तथा विभागीय विभागीय प्रभुल का प्रतिनिधि हैं
का उपायकारी जिल्हा का उपायकारी विभागीय विभाग
नियायी एवं विभागीय प्रभुल विभागीय विभागीय विभागीय

उपायकारी

~~राज्योदय कुगा के से. एच. वि. औ. उन्नाकार - मुख्यमन्त्री~~

- १) न. ओ. बिल. नाडु चापा
- २) उ.प्र. उत्तराखण्ड उपायकारी
- ३) उ.प्र. उत्तराखण्ड उपायकारी
- ४) उ.प्र. उत्तराखण्ड उपायकारी
- ५) उ.प्र. उत्तराखण्ड उपायकारी
- ६) उ.प्र. उत्तराखण्ड उपायकारी
- ७) उ.प्र. उत्तराखण्ड उपायकारी
- ८) उ.प्र. उत्तराखण्ड उपायकारी
- ९) २०८२ चैत्र मंगल वारो २०८२ चैत्र
- १०)
- ११)
- १२)
- १३) उ.प्र. उत्तराखण्ड, उ.प्र. उत्तराखण्ड
- १४) उ.प्र. उत्तराखण्ड, "
- १५) उ.प्र. उत्तराखण्ड
- १६) उ.प्र. उत्तराखण्ड SNRTP, SSC
- १७) उ.प्र. उत्तराखण्ड SNRTP, PSE - I
- १८) विश्वराम उपायकारी विभागीय विभागीय विभागीय
- १९) विभागीय विभागीय विभागीय विभागीय
- २०) विभागीय विभागीय विभागीय विभागीय
- २१) उ.प्र. उत्तराखण्ड उ.प्र. उत्तराखण्ड
- २२) उ.प्र. उत्तराखण्ड उ.प्र. उत्तराखण्ड

१३. शंकरराज पांडे - सहकारी अधिकृत - डिजिटल कार्यालय
 १४. ५ अप्रैल २०२० रा. ७. छा. कै. सु. ए.
 १५. विदेश बैंक एस-इन्डियन्स ब्रांच प्राप्ति दस्तावेज़ दस्तावेज़
 १६. बैंक दोर दृष्टि ग्रामीण समिति, उत्तराखण्ड
 १७. दीपशास्त्री इवली २०२० म ललित गाँगवडे
 १८. विदेश एसाई पांडे ग्रामीण समिति नितां
 १९. राजेश चिह्नाल SNRTP-ESC (Nuwakot & Rasuwa)
 २०. नारपूर बण्डुक बण्डुक घासियाँ + घस्तुन्यो ज. बिस.
 २१. जय गोपाल चाह देपाल विद्युत प्रबिधिरण नुक्तेश्वर
 २२. लीकनाथ न्योपाल देवेश्वर जिल्ला वन विभाग
 २३. विजय प्रसाद वर्णनाथ नियांग बिवाह दृष्टि दस्तावेज़
 २४. लखनऊ जापारी - लापी कार्यालय दस्तावेज़ -
 २५. दिप कुमार गाहव - जिल्ला विद्या कार्यालय -
 २६. दिपक परिपार - दूल्हा सभालग्न समिति गुवाहाटी पाखण
 २७. अगवाल राना भगवर - ब्राह्मणी जनवादी जिल्लाहाजारा समिति दस्तावेज़
 २८. अमिताहुर गुरुद-सामाजिक लोकतात्त्व पार्टी दुर्गापुर आजाह
 २९. ऋषि रम कुमार (क. ए. अ) जि. कु. वि. कु. दुर्गापुर
 ३०. प्रद्वन्द्व लै. सी. PSE, SNRTP -
 ३१. यादेव राम ५१६५ मधेश्वर ज. न. अद्युत लोक शान्ति दस्तावेज़
 ३२. आलिकाम पांडेन ग्रा. प. व. ३ दस्तावेज़
 ३३. प्रदीप देव चोक्योले राम लिङ्ग, एमार्ट इन्डिया स०२ दस्तावेज़

आज दिन 2022/५/३ गते हो दिन पहलुवाहार
सिल्ला के सिल्ला इनियरिंग (ए) लोडगार्ड में यह
को प्राप्तिकर्ता सिल्ला एमिलियन ब्राउन व प्रिस्ट
अ-प्राविष्ट सहित को उपायेति (ए) सिल्ला
यात्रावाह ग्रुपोंपर अधावधि ग्रीष्म सम्बन्ध
DRCN (District Core Road Network)
द्वारा ग्रीष्म सम्बन्ध नहीं।

उपायेति:

प्र. प्र. ई. लोकाश राजे - जि. ए. की. चौधुरी
इनियरिंग भृगु नदी तुलाधार
" " राजमार्ग २५५
प्र. प्र. ई. लोकाश राजे - जि. प्र. ई. चौधुरी
ग्रीष्म सम्बन्ध

राजेश लिलाल
सिल्ला के सी
इनियरिंग नेपाल
ग्रीष्म सुनेती

SNRTP - Nuwakot / Rasuwa

SNRTP - Nuwakot

जि. प्र. ई. चौधुरी

SNRTP, Nuwakot.

EEC, Ktm
जि. प्र. ई. चौधुरी

प्रोकर लेपाल
नेपाल काठमाडौं
दीपि रवाहा

सिल्ला इनियरिंग काठमाडौं

SNRTP, Nuwakot

आज मिनी ०६४ साल वर्ष १९७६ में तुधवा का दिन आया।
 प्राकृतिक जागरण को समाजमें अलग जिल्हा
 का जल्दा बासार बुक्यांजना छावाइन् गए थे।
 जिल्हा में DRCN (District Rural Core Network) का
 प्रबन्धन करने वाले सभावी नियम वह जिल्हा,
 दो शहर (मुम्बई, बंगलौर, बैंगलौर, बी.सी.एस.) लें
 गये तो उन्होंने जिल्हाकाम वाली नियम बढ़ावा
 दिया था।

उद्देश्य

- (१) लोड गाड़ी चिना-पी-ए, जिल्हा-उपायुक्त
- (२) एम्बुलेंस (मिल्ड एम्बुलेंस) उपायुक्त
- (३) हिंदूराम, ओमराम (प्रौद्योगिकी विभाग) उपायुक्त
- (४) लूट में टॉक्सिक ने. डॉ. सचिव
- (५) राज धारा " त्रिवार्षी
- (६) विद्यु प्राधिकरण उपायुक्त नायक नेपाल
- (७) १११२१ बायोमिट्री शालिर वी.पी.पी. शहर

C. राज विद्यु प्राधिकरण उपायुक्त

१. विद्यु विष्ट जिल्हा प्राविधिक उपायुक्त
२. नकुर दोड, तामाङ, उम्मीदी उपायुक्त
३. उपायुक्त अधिकारी, डि.जिल्हा प्राविधिक उपायुक्त
४. राजिव भेद्ध, बंगलौर, रिमिजन सलू कर्पोरेशन
५. मनीष रिजाल डि.प्रमुख प्रियांका विभाग उपायुक्त
६. निकल जिल्हा उपायुक्त डिजिटल रोड एवं ए.डि.सी. उपायुक्त
७. राजनीति लेखिका उपायुक्त उपायुक्त
८. कमल प्रसाद भुसाल स.सि.नि डि.सरकार उपायुक्त
९. रामु बाबू बाबू उपायुक्त, एडी इंसिट्यूट उपायुक्त
१०. शंकर बघटा याकुल उपायुक्त, व्यापारी उपायुक्त
११. रामेश्वर नेपाल जिल्हा प्राविधिक उपायुक्त
१२. अंगद बुक्यांजन EEC, KTM - ४४
१३. अमित गोपाल द्वारा नेपाल राष्ट्रिय उपायुक्त
१४. विजय योद्धा, डोम, तामाङ, उपायुक्त
१५. लाल बाबू उपायुक्त उपायुक्त
१६. अमित गोपाल नेपाल राष्ट्रिय उपायुक्त

- 22 कृष्ण पांडे श. ए. पी. राजे निमं
 23 हरि भट्टेचारी " निमं
 24 विजय नवाचारी श. ए. पी. राजे निमं
 25 अमरात्मा शेषन श. ए. पी. राजे निमं
 26 लोकेश नवाचारी " निमं
 27 अमरात्मा शेषन श. ए. पी. राजे निमं
 28 लोकेश नवाचारी " निमं
 29 लोकेश नवाचारी श्रीमती डाक्टर, DTMF, UPdaling, EEC ID.
 30. लोकेश नवाचारी श्रीमती डाक्टर, DTMF, UPdaling, EEC ID.

निमं

(i) यहां संलग्न हिस्टरी गोपनीय की लकड़ी की बाँड़ा
 मालांस्थि लिए, उचित रास बांड़ा उत्तिविवर, नवाचारी
 दग्ध कराने वाला उत्तिविवर मध्याम्बुद्धि लिए छह त
 लोकेश नवाचारी DRCH Road हिस्टरी ना आ-
 ached (संलग्न) लिए गए तथा निमं गरिदों।

(2) यहां संलग्न Road List (DRCN) गोपनीय की
 Road लकड़ी Inventory नगामन प्राप्तिक्रिया वाले
 अकां लकड़ी लेश ना करानी लाई निमं बाहर
 दिखायी।

DRCN

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आज मिति २०१८ मार्च २९ बाजे विदेशी दिन (व्यापिय
विकास अधिकारी) श्री नारायण पुसाद विश्वासुका अध्यक्षता में
व्यापी फैसला कानून (RAP-3) को सहयोगम घोषित करने का
जिला का जिला आतंकवाद कानून (PTMP) अवधिका
तभी वार्ता विलसिला को आठवीं वर्ष की ओर से जिला
द्वारा प्रकार विभागीय लेका प्रकार एवं एतिहासी जि.
विभाग का विधिकारी है, विभिन्न सरकारी कार्यालय एवं
अन्य संघ संस्थाप्रमुख एवं एतिहासी एवं राज्य प्रशासन
में एवं विधान सभा अधिकारी के उपचारमें वर्षीय
एवं वार्ता जिला विधान विधान विधान विधान विधान

उपायित

- १) श्री-स्वामीं विठ्ठल श्री नारायण ए. विधान
- २) श्री-दिलजीत विधान श्री विधान
- ३) श्री हिरानाथ विधान अधिकारी (प्रेसिडेंसी विधान)
- ४) श्री एतोष विधान श्री विधान
- ५) श्री विधान विधान विधान
- ६) श्री विधान विधान
- ७) श्री विधान विधान
- ८) श्री विधान विधान
- ९) श्री विधान विधान
- १०) श्री विधान विधान
- ११) श्री विधान विधान
- १२) श्री विधान विधान
- १३) श्री विधान विधान
- १४) श्री विधान विधान
- १५) श्री विधान विधान
- १६) श्री विधान विधान
- १७) श्री विधान विधान
- १८) श्री विधान विधान
- १९) श्री विधान विधान
- २०) श्री विधान विधान

- २२) नियमों आदान - नाप्रभाविता दुर्घटना - नियमों आदान
 २३. इनकुमार माडव, स-१३ जिल्हा १८ अप्रैल
 २४. कुल २७ वाढे एमेस्ट्री फार्म चालाक नियमों आदान
 २५. संजय कुमार राज " "
 २६. प्रदीप चट्टपाखेला " "
 २७. अंगद कुमार माडव, EEC नियमों आदान

नियमों नं. १

DTMP Guideline 2012 अनुसार Everest Engineering Consultancy द्वारा तयार गरी पेश गरिएको प्राप्तिकता क्रम त्रै भएपनि उ.वि.स.वा.ट विजेट विनियोजन गर्दा DRCN अन्तर्गतका तपशीलका सुडकलाई मात्र आपेक्षयका अनुसार विजेट विनियोजन गरी कार्यान्वयन गर्ने साथै तपशील अनुसारका VRCN सुडकहरूको 1/1st मा भएका सुडकहरूलाई १०० वि.स० ल्यो अलग भौतिकाट लम्बा नियम/मार्गत गर्ने गरी DTMP लाई अन्तिम रूप दिन जिल्ला परिषदमा पेश गर्ने नियम गरियो।



नुवाकोट जिल्ला भित्रका DRCN सडको नाम

सि.न.	सडकको नाम	लम्बाई कि.मी.)	कालोपत्रे (लम्बाई कि.मी.)	गावल कालोपत्रे (लम्बाई कि.मी.)	कल्पी समाझोली लागाटो खोलपैरे लचाई (कि.मी.)	पर्व. गा.वि.स.	कैफियत
१	गाले-सालदेवाटा-भाल्दा-साल्मे-साल्डु सडक	३२		१५	१५	२	तुङ्जे-मानकमाना, किरक्की, काहले, भारत्ते, साल्मे
२	किस्ताङ्ग-१, साल्मे सडक	१२			२.५	१.५	किस्ताङ्ग, साल्मे
३	बिशुरी (केलारीपाटी)-देउरारी-मेघाड - किस्ताङ्ग-थारुखोला धारादु	३४		२२	१२		विदुर-नगरपालिका, तुङ्जे, देउरारी, कल्पाणपुर, बुड्नाड, बर्सुन्देप, किस्ताङ्ग, प्रादिड जिल्ला
४	मेघाड भञ्ज्याङ, वर्मन्देवत हुँदै धारादु	१६			१६		वर्मन्देवत धारादु जिल्ला
५	देउरारी, बुड्नाड	३		१.५	१.५		धारादु जिल्ला जाने वाट
६	पताथाट-शार्टार-अंग्रेज्याला-अ-वर्करे-सोले	८.५४		३.७१	४.८३		बुड्नाड
७	बिशुलि-सामरिभान्डाड-भयमाड्याङ्ग-शार्टार-लोकमार्ग	१७		३.५	१३.५		विदुर-नगरपालिका-८, कल्पाणपुर, सामरी धारादु जिल्ला
८	मान्द्रहुपा-गैरियेशी-कालिखोला	१६.२४		२०.३०	१२.९८		चारधरे, खड्गमञ्चस्थान
९	मान्द्रहुपा-खड्गमञ्चस्थान-दाइर्गें-काफलपानी-धारादु सडक	२४.४			२४.५		चारधरे, खड्गमञ्चस्थान, गोस्याङ्ग, दाउर्स
१०	गोस्याङ्ग-पाखोदेवी-उ.मा.वि.-हल्तेफाट-भोलेनी-ताडीस-गम्बा डाँडा	६.७७			७.७७		गोस्याङ्ग, दाउर्स
११	मलथात-छोखोला-वधसि -तारुका-काहले (धारादु)		२२.१५		२२.९४		चारधरे, खड्गमञ्चस्थान, बुश्यमि, तारुका
१२	गर्खुटार-चोकदे सडक		१३.९५		१३.९८		गेर्खु, वार्गेश्वरी

नुवाकोट जिल्ला भित्रका DRCN सडको नाम

प्र.सं.	सडकको नाम	लम्बाई (कि.मी.)	कालोपते लम्बाई (कि.मी.)	गर्वल लम्बाई (कि.मी.)	कर्जी लम्बाई (कि.मी.)	सेटो खोल्नपर्ने लम्बाई (कि.मी.)	पर्ने गा.वि.स.	कैफियत	
								SNRTP/DDC tourist type	SNRTP/DDC tourist
१३	नुवाकोट - बागेश्वरी-उत्तरेणी ५, १२ रुद्दै काल्पन्त्रे - मालाभञ्च्याङ मुठक	३.४		१०	१४	१०	१०		विद्रु नगरपालिका, खालिगाउँ, बागेश्वरी, लच्छाङ, उत्तरेणी
१४	रामगढीनदैर-पल्टनकाली-लामिझुनेगाँड-कालाटे	५.२८			५.२८				खालिगाँड, बागेश्वरी
१५	फेदिबोधी-गोषा मा.वि.-हल्कालिका	७.६५				७.६५			गणेशथान, हल्कालिका
१६	गणेशथान-नजाम्पाहुप-डाङोको पाटो -लच्छाङ	७.५८			७.५८				गणेशथान, नजाम्पाहुप, लच्छाङ
१७	दिक्षुपुल भाल ढाँडा सुर्यमती-मैके चोर मरिन्द मा.वि.	१०.१०				१०.१०			सुर्यमती, थानासिं
१८	काहुनेपान-महेन्द्र मा.वि.- थानासिंपाट	१३.९६			१३.९६				काहुनी, थानासिं, थानास
१९	गनीपान्चा-चतुरगले-बेलकोट-तादिपुल	२१.०४			२१.०४				काहुनी, चतुरगले, मदागपुर, बेलकोट वाटो खुलि सकेको
२०	तिम्पछुल बाहुनाडुङ्गा-जिल्लड गा.वि. भवन-बाग्खार	१३.९९			१३.९९				जिल्लड
२१	रातमाटे वाहू न.-७ र ५ दुईपिल छत्ती	५.५			५.५				रातमाटे, दुईपिल
२२	कोल्टुटार-दुईपिल-पात्तो सडक	४.४			४.४				दुईपिल, जिल्लड, क्षमरी, बेलकोट, कर्की
२३	आरुखक-गोल्मा-कालिका मा.वि.-लौके -हाकाभञ्च्याङ	६.६५			६.६५				बेलकोट-चाउथे
२४	सालाचिसे-सल्लाधारी-दहालयोच-रालकमेदान -चिलाउनेगाँड-बागमारा	८.१८			८.१८				खरानीटार, रालक, सुन्दरदेवी
२५	सालाचिसे -ैदराली- बागमारा-मालाभञ्च्याङ	१३.०९			१३.०९				सुन्दरदेवी, शिखरदेवी

नुवाकोट जिल्ला भित्रका DRCN सडकको नाम

सि. नं.	सडकको नाम	लम्बाई कि. मी.)	प्रबल गावेल (लम्बाई कि. मी.)	कालोपते (लम्बाई कि. मी.)	बाटो खोलगाउ (लम्बाई कि. मी.)	पर्वत गाविसः (लम्बाई कि. मी.)	पर्वत गाविसः (लम्बाई कि. मी.)	कैफियत
२६	समुद्रताराम-गाम्पी-कुटुम्बाराम-धाराकोटी	१५			१५			समुद्रताराम राम्पी सम्म दिखिजन सडक चाट वहुविधि ठेबका भएका
२७	समुद्रताराम-हुडी-केहिमि-कुटुम्बाराम (पार्वती) मारा।	१५			१५			समुद्रताराम, गाउँखाक
२८	आगराराम-चाहुनटोल-स्कुलदारा	७			७			याप्रेक
२९	लटनडाङ्गी-पार्वती-धाराप-भाष	६			६			पञ्चकला।
३०	छहरे-पिल्लखोला- करिलाम- प्रलोभ-जयाड-पापुक- वेतिनी- गोल्फुभउचाङ्ग (लोकमानी)	२०			२०			करिलाम, प्रलोभ, जयाड, वालकुमारी, वेतिनी वहुविधि ठेबका भएको
३१	छहरे- पिल्लखोला- नन्दपाथ- पाटीभउचाङ्ग (लोकमानी)	१५			१५			यानापाति, सुनाखानी, भुट्टार, महाकाशी, लिख्छ, छाप, तालाखु, समुन्द्रदेवी, शिक्के, लिख्छ, छाप, तालाखु
३२	गुजे- आइतराम पार्टी-मैदान- छाप- तालाखु	२३			२३			सिंशुली नदिमा पर्वती पुल खड्ग भन्नखाइ, गोपालाड वहै गोपालाड VRCN list वाट ल्याएको
३३	देवीशाह-पुम्पुनटार-बुझामत्तारा-मजुन्चा-गोस्थाङ	१२			१२			दुधास, गोस्थाङ, दाङिस VRCN list वाट ल्याएको
३४	हेरमी-हेरफाट-दाङिस सडक	१४			१४			हेरमी- हेरफाट-दाङिस VRCN list वाट ल्याएको
३५	सोले-माउगाउ-भूमिवेशी उ.मा.वि.	१५			१५			तुच्छ, देउराली VRCN list वाट ल्याएको
३६	दर्घनटार (बुझासि)-ताखका वेशी-कोपिखोला	८			८			बुझासि, ताखका, घादिङ VRCN list वाट ल्याएको
जम्मा लम्बाई								५३५

नुवाकोट जिल्ला मित्रपक्ष RCN संडकको नाम



सि.नं.	संडकको नाम	पर्ने गा.वि.स.	लम्बाई
१	छहरे-कविलास -द (सिक) भद्रटार-९ महिला भवन गा.वि.स. भवन	भद्रटार	९ कि.मी.
२	अँगेगैरा देखि महाकाली गा.वि.स. भवनसम्म	महाकाली गा.वि.स.	५ कि.मी.
३	कोलेटार-लिखु गा.वि.स. भवन	लिखु गा.वि.स	१ कि.मी.
४	शिवालय- बोर्लाङ (भूमि नि.मा.वि.) - तलाखु संडक	छाप, तलाखु गा.वि.स.	७ कि.मी.
५	ओखरपौवा-चाउथे -कुमरी-कोम्पटार (बैकल्पिक मार्ग अन्तर्गत)	ओखरपौवा, चाउथे, कुमरी, दुईपिल (CDOR)	५० कि.मी.
६	आइतराम पार्टी-समुन्द्रादेवी गा.वि.स.	समुन्द्रादेवी	२ कि.मी.
७	अल्छेफेदी-सिक्के गा.वि.स. भवन	सिक्के	१.५ कि.मी.
८	जोरचौतारा-चन्दनी- तारुकाघाट संडक	तारुका गा.वि.स.	१० कि.मी.
९	आँग्रह- राहटार-घलेमञ्च्याड संडक	पञ्चकन्या, कविलास	१२ कि.मी.
१०	खरानीटार-प्रभुडाँडा-रालुकामैदान	खरानीटार, रालुका	६ कि.मी.
११	लम्खु (ढिकुरे- समुन्द्रटार संडक)-कालीमाटी-हल्देकालिका-गहते संडक	खानिगाउँ, हल्देकालिका (CDOR)	८ कि.मी.
१२	मानेभञ्ज्याड - जिम्दाड-सानोगोल्कु-बेतिनी गा.वि.स. भवन-गोल्कुभञ्ज्याड	बालकुमारी, बेतिनी	१७ कि.मी.
१३	समुन्द्रटार-कमेरेगाउँ-बालकुमारी गा.वि.स.	समुन्द्रटार, बालकुमारी	८ कि.मी.
१४	सातविसे - थपेक- जालपा मा.वि. संडक	सुन्दरादेवी, थपेक	१० कि.मी.
१५	गुर्जे -अल्छेमैदान-महेन्द्र मा.वि. संडक	समुन्द्रादेवी, सिक्के, लिखु	२० कि.मी
१६	तलाखु गा.वि.स. भवन-चिसापानी- सुन्दरीजल संडक	तलाखु, सुन्दरीजल	२५ कि.मी.
१७	थानकुने भञ्ज्याड - चिप्पिङ- कालोपानी- गोल्कुभञ्ज्याड संडक	तलाखु, बेतिनी	१० कि.मी.
१८	सलाखु- चिलाउने - किनेबगर-बुडताड-चिउरीभञ्ज्याड संडक	मनकामना, फिकुरी, काहुले, बुडताड, देउराली	१२ कि.मी.
१९	मनकामना-ठण्डापानी-काहुले भाल्चेबेशी- साल्मे गा.वि.स. भवन	मनकामना, फिकरी, भाल्चे, साल्मे	२२ कि.मी.
२०	बौराही-मदानपुर-बेलकोट-तारी भो.पु. संडक	मदानपुर, बेलकोट	१० कि.मी.
२१	शान्ति बजार- अर्चले - पूरानो गाउँ- भंडारे- ठूलोगाउँ	मनकामना, रसुवा	८ कि.मी.
२२	फलाटे-हल्दे-चोकदे संडक	बारोशवरी, हल्देकालिका	७ कि.मी.
२३	नुवाकोट-रावलस्वारा-खानिगाउँ -फलाटे संडक	विदुर न.पा., खानिगाउँ, बारोशवरी	६ कि.मी.
२४	सामरी - दाडिसि संडक	सामरी, दाडिसि	९ कि.मी.
२५	सामरी-पूरानोपानी-टैंडी-मेघाड संडक	सामरी, बसन्तेत	१० कि.मी.
२६	पाटीभञ्ज्याड-खोलेखर्क-कालोभञ्ज्याड संडक	तलाखु, बेतिनी	१५ कि.मी.
२७	कालिघम्सी-रैकरे बर्गैचा-भक्टी मा.वि. संडक	मदानपुर, बेलकोट	६ कि.मी.
२८	फगडे-मडगलिङ्ग-पेमालिङ्ग संडक	राउतवेशी, गाउँखर्क	७ कि.मी.
२९	बेत्रावती-केराघारी-महानिर-कुवापानी-चोगते संडक	रोखु, बारोशवरी	१० कि.मी.

नुवाकोट जिल्ला भित्रको VRCN सडकको नाम



सि.न.	सडकको नाम	पर्ने गा.वि.स.	लम्बाई
३०	बोहोरेभञ्याड-सानोभोले-रसुवा सडक	लच्छाड, रसुवा	१० कि.मी.
३१	सातविसे-थप्रेक-मगला मा.वि.-आरुखर्क सडक	सुन्दरादेवी, थप्रेक	९ कि.मी.
३२	देउराली-तल्लो महादेवखर्क-कुमरी सडक	दुईपीपल, कुमरी	१२ कि.मी.
३३	सतरी पूल-भद्रुटार ७ हुँदै घले भञ्याड	भद्रुटार, पञ्चकन्या	८ कि.मी.
३४	बुढीशोरा-बच्छला मा.वि. मतदान केन्द्र -लाकुरीभञ्याड	भद्रुटार	७ कि.मी.
३५	खानिगाउँ ३-रानारयणदेवी उ.मा.वि.-राम्चे-बोरापानी-नुवाकोट दरवार सडक	खानिगाउँ, विदुर न.पा.	६ कि.मी.
३६	पिले कल्ढे-अर्चले-बेलडाङ्गा सडक	हल्देकालिका, लच्छाड	६ कि.मी.
३७	नर्जामण्डप-बाहुनबेशी-सिठिया-बांगेश्वरी-उलैनी	नर्जामण्डप, लच्छाड, उलैनी	१५ कि.मी.
३८	गाँउखर्क द, पाहुटार-लापाङ्ग सडक	गाँउखर्क	३ कि.मी.
३९	नयाँ नेपाल ग्राम.वि.-कठेरी-दिकी जाँता-चुलीखेल सडक	चारधरे, खडगभन्ज्याड	७ कि.मी.
४०	तिदुबोट सामरी २, ४ विन्दु केशर मा.वि. हुँदै धादिङ	सामरी	८ कि.मी.
४१	सलाखु खोला बचेत साल्मे सडक	बुडताङ्ग, साल्मे	१० कि.मी.
४२	फिकुरी (सातदोबाटो)-गोगाने-भण्डारे ठूलो गाउँ रसुवा	फिकुरे, मनकामना, ठूलोगाउँ रसुवा	६ कि.मी.
४३	सामरी भन्ज्याड-मैवल फलाट-गौरा धादिङ	सामरी सेमजोङ्ग धादिङ	१३ कि.मी.
४४	छोकाङ्ग-माथिल्लो किमताङ्ग सडक	छोकाङ्ग	५ कि.मी.
४५	कुमरी ९, छाविसे-डिगाउँ-झमरेचौर-बेलकोट सडक	कुमरी, बेलकोट	१० कि.मी.
४६	तारी पूल-नलगाउँ-झेगाउँ-गा.वि.स. भवन	बेलकोट, जिलिङ	१० कि.मी.
४७	तारुकाधाट-कौसिनी धादिङ	तारुका, धादिङ	१४ कि.मी.
४८	भिश्रभन्ज्याड शिखरबेशी गा.वि.स भवन	शिखरबेशी	१.८२ कि.मी.
४९	दियाले-पन्चासे-कथुरानी	दुईपीपल	६ कि.मी.
५०	देउराली- ओखेनी—मेघाड—सडक	देउराली, वसुन्धेत	७ कि.मी.
जम्मा लम्बाई			४९४.३२ कि.मी.



नेपाल सरकार
संशोध गाउँगाउँ तथा सामुदायिक विभाग जिल्लालय
जिल्ला विकास समितिको कार्यालय
नेपाल तथा देशभूमि विभाग
प्रियोग विकास समिति
विदुर, नुवाकोट

प. सं.: ०७२०७३
च. नं.: १५३०(क)

मिति: २०७२।१।१०

स्थानीय पूर्वाधार विकास तथा कृषि सडक विभाग (DoLIDAR)
स्थानीय यातायात पूर्वाधार क्षेत्रगत कार्यक्रम
श्रीमहल, पुल्चोक, ललितपुर

विषय: जिल्ला यातायात गुरुयोजना (DTMP) पारित गरिएको बारे।

उपरोक्त सम्बन्धमा, Rural Access Programme (RAP3)/DoLIDAR को सहयोगमा जिल्ला यातायात गुरुयोजना तयार गर्ने सिलसिलामा पहिलो चरणको गोष्ठी मार्फत जिल्लामा भएका मौजुदा सडकहरूबाट District Road Core Network (DRCN) पहिचान भइ ती सडकहरूको Data Collection गरी परामर्शदाताबाट प्राप्त हुन आएको Draft Final Report मार्थि गरिएको comment समावेश गरी मिति २०७२।१।१० मा सम्पन्न अन्तिम चरणको गोष्ठीद्वारा जिल्ला यातायात गुरुयोजना (DTMP) जिल्ला परिषदमा पेस गर्नेगरी पारित भएको व्यहोरा जानकारी गराइन्छ।

(स्थानीय विकास अधिकारी)

बोधार्थ: *स्थानीय विकास अधिकारी*
ग्रामीण पहुँच कार्यक्रम (RAP3), जावलाखेल, ललितपुर
एमरेष्ट इन्जिनियरिङ कन्सल्टेन्ट, मध्य बानेश्वर, काठमाडौं

ANNEX 8 VILLAGE ROAD

Code	Road Name	Earthen	Gravel	Total
VR01	Samari Bhanjyang-Thulo Dada-Phalante	10.07		10.07
VR02	Deurali Dada-Bhange-Kallari-Taksar-Bharyang	5.89		5.89
VR03	Tarukaghat-Kausini-Dhading	11.07		11.07
VR04	Dadakharka-Bhanjyangkharka-Tersapani	5.82		5.82
VR05	Samari Bhanjyang-Prepgau-Kintang	8.82		8.82
VR06	Samari-Dansing	5.95		5.95
VR07	Kagune-Chiuribhanjyang	8.25		8.25
VR08	Bidur N.P-Chambhanjyang-Charghare-Kuwa(Deurali)	9.23		9.23
VR09	Pokharithok-Dharpani-Bhhatagaun	2.68		2.68
VR10	Mahendradhunga-Chhap-Kuwapani	2.56		2.56
VR11	Dhamale-Jiling VDC Bhawan-Khatiwodagaun-Duipipal	12.86		12.86
VR12	Bageshwori-Deuralidanda	3.29		3.29
VR13	Okharpauwa-Chauthe-Kumari-Kolputar	29.97	5.00	34.97
VR14	Barabise-Jyhanglipokhari	3.65		3.65
VR15	Dumrechaur Road-Chindekharka	3.06		3.06
VR16	Dhulpul-Dumrechaur-Belkot	3.47		3.47
VR17	Betrawati-Keraghari-Mahabir-Kuwapani-Bhorlebhanjyang	3.19		3.19
VR18	Trishuli-Sole Bajar		6.33	6.33
VR19	Trishuli Bajar-Bogatigau-Keurini Bhanjyang		4.19	4.19
VR20	Ramche-Gerkhu	4.29		4.29
VR21	Dhikurebajar-Kalimati-Halde	1.99		1.99
VR22	Thansing-Suryamati-Malakot-Madanpur-Belkot-Taadi Pul	14.46		14.46
VR23	Shakti Ma.Vi-Dadakateri-Badhare-Malakot	7.89		7.89
VR24	Barahi-Bhrikuti School-Duikadam-Nayapul	6.36		6.36
VR25	Belkot-Kalighumti-Raikare-Bagaicha-Khaltepani-Bhritkuti	3.98		3.98
VR26	Deurali-Gagara	3.87		3.87
VR27	Lauke-Dangmai	6.30		6.30
VR28	Ranipauwa-Gauribas-Jagare-Hile (Tourist Route)	8.90		8.90
VR29	Kaulethana-Sanochitre-Chauthe-Dumrichaur	13.85		13.85
VR30	Bahunbesi-Dadakopato-Lachyang	5.35		5.35
VR31	Kharanitar-Praudanda	1.37		1.37
VR32	Kharanitar-Raluka Maidan-Chilaunegaun-Baghmara	3.66		3.66
VR33	Gadkhar-Aapraha	6.49		6.49
VR34	Sheretar-subedidada-Thantibhanjyang	9.49		9.49
VR35	Apraha-Rautar-Ghalebhanjyang	8.92		8.92
VR36	Kakani-Simle-Thanapati-Chaiju-Kapfaldadasadak	9.51		9.51
VR37	Gurje-Chhahare-Chapabote	6.68	8.23	14.91
VR38	Budhisera-Chhap	7.36		7.36

Code	Road Name	Earthen	Gravel	Total
VR39	Budhisera-Bhadratar	1.83		1.83
VR40	Thanabhanjyang-Sunkhani-Budhisera	4.79		4.79
VR41	Bhadtratar-Ghalebhanjyang	5.22		5.22
VR42	Chihandanda-Kalleri	1.83		1.83
VR43	Gurje-Dandagaun-Chihandanda-Bhadratar	7.89		7.89
VR44	Arkhaule-Phedigaun-Bhanjyangthok	6.66		6.66
VR45	Maldanda-Dahalthok	2.93		2.93
VR46	Dandagaun-Mahakali	3.04		3.04
VR47	Mangala Ma.Vi-Todkebhanjyang-Mahakali	8.64		8.64
VR48	Kundala Ma.Vi-Gare-Manebhanjyang	6.74		6.74
VR49	Gurje-Samundradevi-Purnibhanjyang-Alchhe	8.26	3.00	11.26
VR50	Alchhe-Shikre-Gabisa Bhawan	3.42		3.42
VR51	Alchhe-Maidan-Chhap-Shivalaya	4.49		4.49
VR52	Dadhuwa-Majhuwa-Belkot	2.84		2.84
VR53	Mathillo Tame-Lamidanda-Bokedhunga	2.20		2.20
VR54	Samundratar-Dadakharka	4.75		4.75
VR55	Mishrabhanjyang-Shikharbeshi Ga.Bi.Sa. Bhawan	1.82		1.82
VR56	Manebhanjyang-Gairigau-Rautebesi	0.88		0.88
VR57	Kharkhet-Thulo Golphu	8.89		8.89
VR58	Sano Golphu-Talakhu	8.40		8.40
VR59	Shivalaya-Patibhanjyang-Chisapani-Sundarijal	10.53		10.53
VR60	Pokhari (Likhu)-Taikote Village Road	8.16		8.16
VR61	Talakhu(Batase Village Road)	3.09		3.09
VR62	Shivalaya-Talakhu-Sundarijal	4.20		4.20
Total		382.05	26.75	408.80

ANNEX 9 UNTRACK VILLAGE ROAD

S.No.	Name of Road	Connected VDC	Length (km)
1	Chhahare-Kabilas (Sikra) Bhadrutar-9 Mahila Bhawan VDC Bhawan	Bhadrutar	9
2	Aangegaira to Mahakali VDC Bhawan	Mahakali VDC	5
3	Koletar-Likhu VDC Bhawan	Likhu VDC	1
4	Shivalaya -Borlang (Bhume Ni.Ma.Vi.) - Talakhu Road	Chhap, Talakhu VDC	7
5	Okharpauwa-Chauthe-Kumari-Kolputar (Baikalpik Marga Antargat)	Okharpauwa, Chauthe, Kumari, Duipal	50
6	Aitaram Parti-Sumundradevi VDC	Sumundradevi	2
7	Alchhephedi-Sikre VDC Bhawan	Sikre	1.5
8	Jorchautara-Chandani - Tarukaghat Road	Taruka VDC	10
9	Aapraha - Rahutar - Ghalebhanjyang Road	Panchakanya, Kabilas	12
10	Kharanitar-Prabhudanda-Raluka Maidan	Kharanitar, Raluka	6
11	Labdu (Dhikure-Saamundratar Road) - Kalimati - Handekalika-Gahate Road	Khanigaun, Haldekalika	8
12	Manebhanjyang - Jimdang - Sanogolphu - Betini VDC Bhawan - Golphubhanjyang	Balkumari, Betini	17
13	Samundratar-Kameregaun - Balkumari VDC	Samundratar, Balkumari	8
14	Satbise - Thaprek - Jalpa Ma.Vi. Road	Sundaradevi, Thaprek	10
15	Gurje - Alchhemaidan - Mahendra Ma.Vi. Road	Sumundradevi, Sikre, Likhu	20
16	Talankhu VDC Bhawan -Chisapani - Sundarijal Road	Talakhu, Sundarijal	25
17	Thankune Bhanjyang - Chipling -Kalopani - Golphubhanjyang Road	Talakhu, Betini	10
18	Salakhu-Chilaune -Kirnebagr-Bungtang- Chiuribhanjyang Road	Manakamana, Phikuri, Kahule, Bungtang, Deurali	12
19	Manakamana - Thandapani - Kahule Bhalchebeshi - Salme VDC Bhawan	Manakamana, Phikari, Bhalche, Salme	22
20	Barahi - Madanpur - Belkot - Tadi Jho.Pu. Road	Madanpur, Belkot	10
21	Shanti Bazar - Archale - Purano Gaun - Bhandare - Thulogaun	Manakamana, Rasuwa	8
22	Phalate - Halde - Chokade Road	Bageshwari, Haldekalika	7
23	Nuwakot-Rawalswanra-Khanigaun- Phalante Road	Bidur Municipality, Khanigaun, Bageshwari	6
24	Samari - Dansing Road	Samari, Dangsing	9
25	Samari Puranopani - Tundi - Meghang Road	Samari, Basunchet	10
26	Partibhangyang-kholekhark-Kalobhangyang	Talakhu, Betani	15
27	Kalighumti - Raikare Bagaicha - Bhrikuti Ma.Vi. Road	Madanpur, Belkot	6
28	Jhagade - Mangaling - Pemaling Road	Rautbeshi, Gaunkharka	7

S.No.	Name of Road	Connected VDC	Length (km)
29	Betrawati - Keraghari - Mahabhir - Kuwapani - Chogate Road	Gerkhu, Bageshwari	10
30	Bohorebhanjayang - Sanobhole - Rasuwa Road	Lachyang, Rasuwa	10
31	Satbise - Thaprek - Mangala Ma.Vi. - Aarukharka Road	Sundaraadevi, Thaprek	9
32	Deurali - Tallo Mahadevkarka - Kumari Road	Duipipal, Kumari	12
33	Sattari Pul - Bhadrutar 7 hudai Ghale Bhanjyang	Bhadrutar, Panchakanya	8
34	Budhishera-Bachchhala Ma.Vi. Matdan kendra - Iakuribhanjyang	Bhadrutar	7
35	Khanigaun 3 - Narayandevi U.Ma.Vi. - Ramche - Borapani - Nuwakot Durbar	Khanigaun, Bidur Municipality	6
36	Piple kalchhe - Archale - Beldanda Road	Haldekalika, Lachchhang	6
37	Narjamandap - Bahunbeshi - Sathiya - Bangeshwara - Urle	Narjamandap, Lachchhang, Urleni	15
38	Gaunkharka 8, Pangutar - Lapang Road	Gaunkharka	3
39	Naya Nepal Pra.Vi. - Katheri - Dhiki Jata - Chulikhel Road	Charghare, Khadgabhanjyang	7
40	Tidubot Samari 2, 4 Bindu Keshar- Ma.Vi. Hudai Dhading	Samari	8
41	Salakh Khola Barchet Salme Road	Bungtang, Salme	10
42	Phikuri (Satdobato) - Gogane - Bhandare Tholo Gaun Rasuwa	Phikuri, Manakamana, Thulogaun Rasuwa	6
43	Samari Bhanjyang - Maiwal Phalate - Gaira Dhading	Samari Semjong Dhading	13
44	Chhokang - Mathillo Kimantang Road		5
45	Kumari 9, Chhabise - Digaun - Dumarechaur - Belkot Road	Kumari - Belkot	10
46	Tadi Pul - Nalgaun - Bhattagaun - VDC Bhawan	Belkot, Jiling	10
47	Tarukaghat - Kausini Dhading	Taruka, Dhading	14
48	Mishrabhanjyang Shikharbeshi VDC Bhawan	Shikharbeshi	1.82
49	Diyale - Panchise - kathurani	Duipipal	6
Total=			490.32

डिभिजन सडक कार्यलय अन्तर्गतका बहुवर्षीय सडकहरु

सि.नं.	सडकको नाम	पर्ने गा.वि.स.	लम्बाई
१	छहरे थप्रेक आरुखर्क जिम्नाड सडक		
२	चारघरे खडगभन्ज्याड छत्रेखोला बुधसिं ६ नेवारपानी सडक		
३	चांपको वोट बुढीसेरा घलेगाउं सडक		
४	दम्की फलाटे (नुवाकोट दरवार) सडक		
५	गंगटे-लव्यु-समुन्द्रटार-गोल्फभन्ज्याड सडक		
६	ओखरपौवा कुमरी? कोल्पुटार गल्छस सडक		
७	मनकामना फिकुरी काउले भाल्चे सेर्तुड सडक		
८	आप्रं गडखार कुने सडक		
९	गुर्जे समुन्द्रदेवी महाकाली		
१०	मानेभन्ज्याड जिम्नाड राउतवेसी सडक		

डिभिजन सडक कार्यलय अन्तर्गतका अन्य सडकहरु

सि.नं.	सडकको नाम	पर्ने गा.वि.स.	लम्बाई
१	सडकको नाम		
२	बाहुनपाटी डाँको पाटो लच्याङ्ग सडक, नुवाकोट		
३	मनकामना पिकुरी काउले भाल्चे सेर्तुड सडक, नुवाकोट		
४	काउलेथाना छहरे भाल्चे साल्मे, नेवाकोट		
५	ओखरपौवा कुमरी कोल्पुटार गल्छी सडक, नुवाकोट		
६	गुर्जे समुन्द्रदेवी ५,६ महकाली मानेभञ्ज्याङ्ग जिम्नाङ्ग राउतवेशी सडक, नुवाकोट		
७	वेलकोट १ म्दानपुर ३ भोरभाट सुर्यमति सिङ्गफँट सडक, नुवाकोट		
८	समुन्द्रटार रामती सडक, नुवाकोट		
९	बोहोरे भञ्ज्याङ्ग दनुस्वारा पार्च्याड सडक, नुवाकोट		
१०	चाँपको वोट बुढीसेरा घलेगाउं सडक, नेवाकोट		
११	आपह गडखार कुने सडक, नुवाकोट		
१२	आप्रह गडखार कुने सडक, नुवाकोट		
१३	काउलेथाना छहरे भाल्चे साल्मे, नेवाकोट		
१४	राम्ने प्रा.वि. नारयास्थान सानोपिपल ठानपाती सडक, नुवाकोट		
१५	धमले निरन्जना नलगाउ शेरा दुईपीपल सडक, नुवाकोट		
१६	बारही शक्ति मा.वि. बालुवा भन्ज्याड भो.पुर कोटर बाटो सडक, नुवाकोट		
१७	लामागाउ पुतलीचोरा लामापाटि थानपहि फाट सडक, नुवाकोट		
१८	वेलकोट बेनिती वन वार्ड नं. ६ बागधोर सडक, नुवाकोट		

डिभिजन सडक कार्यालय अन्तर्गतका बहुवर्षीय सडकहरु

सि.नं.	सडकको नाम	पर्ने गा.वि.स.	लम्बाई
१९	सातबिसे बाघमारा सडक, नुवाकोट		

सि.नं.	सडकको नाम	पर्ने गा.वि.स.	लम्बाई
	भबन डिभिजन अन्तर्गतका सडकहरु		
१	एकीकृत वस्ति विकास मदानपुर गा.वि.स.को वाराही शक्ति मावि देखि बालुवा भन्ज्याड झोलुङ्गे पुल हुदै विदुर न.पा. जोड्ने खण्ड (मदानपुर, नुवाकोट)		
२	एकीकृत वस्ति विकास समुद्रादेवी गा.वि.स.को आइतराम पाटी देखि हिरीको धारा गाँजिनि हुदै छापतालुक सम्मको मोटरबाटो (समुद्रादेवी, नुवाकोट)		

ANNEX 10 PRIORITIZATION FOR CONSERVATION

Ranking Of DRCN for Conservation Work(Maintenance)								
S.N	Code	Name of Road	Total length	Black Top	Gravel	Earthen	पर्ने गा.वि.स.	कैफियत
	Total		518.92	5.93	75.16	437.83		
	Percentage			0.01	0.14	0.84		
1	28DR016	Gerkhutar-Chokade Road	13.85			13.85	गोर्ख, बागेश्वरी	
2	28DR007	Palastar, 9-Aangutar-Andherikhola-Akkare-Sole Road	8.53		3.71	4.83	वि.न.पा, तुच्चे	त्रिशली 3A बाट निर्माणाधिन
3	28DR014	Multhala-Chhatrekhola-Budhsing-Taruka-Dhading-Kahule Road	22.94			22.94	चारधरे, खड्गभञ्ज्याड, बुधासिं, तारुका	डिभिजन सडक वाट वहुवर्षीय ठेक्का भएको
4	28DR002	Kimtang, 1- Salme Road	2.50			2.50	किम्ताड, साल्मे	
5	28DR019	Fedibesi-Ganeshthan Ma.Bi.-Haldekalika Road	7.62			7.62	गणेशथान, हल्देकालिका	

Ranking Of DRCN for Conservation Work(Maintenance)								
S.N	Code	Name of Road	Total length	Black Top	Gravel	Earthen	पर्ने गा.वि.स.	कैफियत
6	28DR020	Ganesthan-Najarmandap-Dandako Pato Lachyang Road	9.49			9.49	गणेशथान, नर्जामण्डप, लच्याड	
7	28DR017	Nuwakot-Bageshwori-Urleni-Kalche-Mala Bhanjyang Road	23.99		9.99	14.00	विदुर नगरपालिका, खानिगाउँ, वागेश्वरी, लच्याड, उर्लेनी	SNRTP/DDC tourist type
8	28DR010	Mandredhunga-Khadgabhanjyang-Dangsing-Kaphalpani Dhading Road	25.59	2.33		23.25	चारघरे, खड्गभञ्ज्याङ, गोस्याङ, दाडिंस	SNRTP/DDC १.५ कि.मि. विदुर न.पा. अन्तर्गत
9	28DR013	Devighat-Pusungtar-Khadgabhanjyang-Majhuwa-Ghorsyang Road	8.33			8.33	खड्ग भञ्ज्याङ, गोस्याङ	त्रिशुली नदिमा पक्की पूल वन्दै गरेकोले VRCN list बाट ल्याएको
10	28DR018	Rammandir-Panchakanya-Lamichhanegaun-Falate Road	5.27			5.27	खानिगाउँ, वागेश्वरी	
11	28DR015	Darshantar(Budhasing)-Tarukabesi-Koshikhola Road	8.11			8.11	बुधसिं, तारुका, धादिड	VRCN list बाट ल्याएको
12	28DR008	Trishuli-Samari-Samaribhanjyang-Bharyangbhurung (Lokmarg)	17.86	3.59	14.27		विदुर नगरपालिका-द, कल्याणपुर, सामरी धादिड जिल्ला	सङ्क डिभिजन अन्तर्गको मध्यपहाडी लोकमार्ग
13	28DR035	Chhahare-Shibalaya-Talakhu-Patibhanjyang (Lokmarga)	12.52			12.52	थानापति, सुनखानी, भद्रुटार, महाकाली, लिखु, छाप, तलाखु	सङ्क डिभिजन अन्तर्गको मध्यपहाडी लोकमार्ग

Ranking Of DRCN for Conservation Work(Maintenance)								
S.N	Code	Name of Road	Total length	Black Top	Gravel	Earthen	पर्ने गा.वि.स.	कैफियत
14	28DR021	Dhikurepul-Bhaldanda(Suryamati)-Makaichaur-Mahendra Ma.Bi. Road	10.11			10.11	सूर्यमती, थानसिं	
15	28DR022	Kaulethana-Mahendra Ma.vi.-Thansingphat Road	13.98			13.98	ककनी, थानापति, थानसिं	
16	28DR023	Ranipauwa-Chaturale-Belkot-Tadipul Road	21.04			21.04	ककनी, चतुराले, मदानपुर, बेलकोट	बाटो खुलि सकेको
17	28DR033	Aarukharka-Bahuntol-Schooldanda Road	7.85			7.85	थप्रेक	
18	28DR024	Ratmate Ward No. - 7 ra 5 -Duipipal Dabali Road	4.61			4.61	रातमाटे, दुईपिपल	सडक वोर्ड कार्यक्रममा परेको
19	28DR003	Trishuli(Coloni)-Deurali-Meghang-Kimtang-Thambukhola Dhading Road	34.37		22.35	12.02	विदुर नगरपालिका, तुच्चे , देउराली, कल्याणपुर, बुडताड, वर्सुन्चेत, किम्ताड, धादिङ जिल्ला	
20	28DR011	Gorsyang-Shankhadevi U.Ma.Vi.-Hallephant-Bhorleni-Dangsing-Gumbadanda	7.76			7.76	गोर्स्याङ, दाडासि	
21	28DR025	Simkhet-Bahundanda-Jiling VDC Office-Bagkhor Road	8.76			8.76	जिलिङ	
22	28DR026	Kolputar-Duipipal-Patle Road	43.75		6.05	37.70	दुईपीपल, जिलिङ, कुमरी, बेलकोट, ककनी	SNRTP, DDC DPR को तयारी
23	28DR005	Sole-Sahugaun-Bhumidevi U. Ma. Vi. Road	14.81			14.81	तुच्चे, देउराली	VRCN list बाट ल्याएको

Ranking Of DRCN for Conservation Work(Maintenance)								
S.N	Code	Name of Road	Total length	Black Top	Gravel	Earthen	पर्ने गा.वि.स.	कैफियत
24	28DR028	Satbise-Salghari-Dahalthok-Ralukamaidan-Chilaunegaun-Bagmara Road	8.12			8.12	खरानीटार, रालुका, सुन्दरादेवी	
25	28DR034	Chahare-Likhukhola-Kabilas-Ghalebhanjyang-Thaprek-Betini-Golfubhanjyang	32.68			32.68	कविलास, पञ्चकन्या, थप्रेक, वालकुमारी, बेतिनी	डिभिजन सडक वाट वहुवर्षिय ठेक्का भएको
26	28DR027	Aarukharka-Golma-Kalika Ma.Vi.-Lauke-Dhokabhanjyang Road	6.59			6.59	बेलकोट-चाउथे	
27	28DR036	Gurje-Aitaram Parti-Maidan-Chhap-Talakhu Road	23.04			23.04	समुन्द्रादेवी, सिक्रे, लिखु, छाप, तलांखु	
28	28DR031	Samundratar-Hung-Kadeni-Kutumshang (Tourist Road)	13.96			13.96	समुन्द्रटार, गाउँखक	
29	28DR004	Deurali-Bungtang Road	3.09		1.50	1.59	बुडताङ	
30	28DR029	Satbise-Deurali-Bagmara-Malabhanjyang Road	13.09			13.09	सुन्दरादेवी, शिखरवेशी	
31	28DR012	Khaireni-Haldephat-Dansing Road	14.47			14.47	वुधसिं, गोस्याङ, दाडसिं	VRCN list वाट ल्याएको
32	28DR032	Laptandanda-Panchakanya-Ga.Bi.Sa. Bhawan Road	6.33			6.33	पञ्चकन्या	
33	28DR001	Sole-Satdobato-Bhalche-Salme Road	22.80		15.00	7.80	तुञ्चे, मनकामना, फिकुरी, काहुले, भाल्चे, साल्मे	डिभिजन सडक वाट वहुवर्षिय ठेक्का भएको

Ranking Of DRCN for Conservation Work(Maintenance)								
S.N	Code	Name of Road	Total length	Black Top	Gravel	Earthen	पर्ने गा.वि.स.	कैफियत
34	28DR030	Samundratar-Ramati-Kutungkhola-Ghyangphedi Road	15.01			15.01	समुन्द्रटार , शिखरवेशी, घ्याङफेदी	समुन्द्रटारवाट रामती सम्म डिभिजन सडक वाट वहुवर्षिय ठेक्का भएको
35	28DR009	Mandredhunga-Gauribeshi-Kalikhola-Bhattagaun-Kha.Bha. Road	16.23		2.30	13.93	चारधरे, खडगभञ्ज्याङ्ग, गोस्याङ्ग, दाङासि	SNRTP/DD C १.५ कि.मि. विदुर न.पा. अन्तर्गत
36	28DR006	Meghang Bhanjyang-Barsunchet(Dhading) Road	9.86			9.86	बर्सुन्चेत धादिङ जिल्ला	धादिङ जिल्ला जाने बाटो

ANNEX 11 PRIORITIZATION FOR IMPROVEMENT

Ranking Of DRCN for Improvement Work(Upgrading)								
S.N	Code	Name of Road	Total length	Black Top	Gravel	Earthen	पर्ने गा.वि.स.	कैफियत
Total			518.92	5.93	75.16	437.83		
	Percentage			0.01	0.14	0.84		
1	28DR016	Gerkhutar-Chokade Road	13.85			13.85	गेर्खु, बागेश्वरी	
2	28DR002	Kimtang, 1- Salme Road	2.50			2.50	वि.न.पा, तुच्चे	त्रिशली 3A वाट निर्माणाधिन
3	28DR007	Palastar, 9-Aangutar-Andherikhola-Akkare-Sole Road	8.53		3.71	4.83	चारधरे, खडगभञ्ज्याङ्ग, बुधिसिं, तारुका	डिभिजन सडक वाट वहुवर्षिय ठेक्का भएको
4	28DR014	Multhala-Chhatrekhola-Budhsing-Taruka-Dhading-Kahule Road	22.94			22.94	किम्ताङ्ग, साल्मे	
5	28DR019	Fedibesi-Ganeshthan Ma.Bi.-Haldekalika Road	7.62			7.62	गणेशथान, हल्देकालिका	
6	28DR013	Devighat-Pusungtar-Khadgabhanjyang-Majhuwa-Ghorsyang Road	8.33			8.33	गणेशथान, नर्जामण्डप, लच्चाङ	

Ranking Of DRCN for Improvement Work(Upgrading)								
S.N	Code	Name of Road	Total length	Black Top	Gravel	Earthen	पर्ने गा.वि.स.	कैफियत
7	28DR020	Ganesthan-Najarmandap-Dandako Pato Road	9.49			9.49	विदुर नगरपालिका, खानिगाउँ, बागेश्वरी, लच्चाड, उल्लेनी	SNRTP/DDC tourist type
8	28DR015	Darshantar(Budhasing)-Tarukabesi-Koshikhola Road	8.11			8.11	चारधरे, खडगभञ्ज्याङ्ग, गोस्याङ्ग, दाङसिं	SNRTP/DDC १.५ कि.मि. विदुर न.पा. अन्तर्गत
9	28DR008	Trishuli-Samari-Samaribhanjyang-Bharyangbhurung (Lokmarg)	17.86	3.59	14.27		खडग भञ्ज्याङ्ग, गोस्याङ्ग	त्रिशुली नदिमा पक्की पूल वन्दै गरेकोले VRCN list बाट ल्याएको
10	28DR001	Sole-Satdobato-Bhalche-Salme Road	22.80		15.00	7.80	खानिगाउँ, बागेश्वरी	
11	28DR004	Deurali-Bungtang Road	3.09		1.50	1.59	बुधिसिं, तारुका, धादिङ	VRCN list बाट ल्याएको
12	28DR018	Rammandir-Panchakanya-Lamichhanegaun-Falate Road	5.27			5.27	विदुर नगरपालिका-८, कल्याणपुर, सामरी धादिङ जिल्ला	सडक डिभिजन अन्तर्गतो मध्यपहाडी लोकमार्ग
13	28DR011	Gorsyang-Shankhadevi U.Ma.Vi.-Hallephant-Bhorleni-Dangsing-Gumbadanda	7.76			7.76	थानापति, सुनखानी, भद्रुटार, महाकाली, लिखु, छाप, तलाँखु	सडक डिभिजन अन्तर्गतो मध्यपहाडी लोकमार्ग
14	28DR021	Dhikurepul-Bhaldanda(Suryamat i)-Makaichaur-Mahendra Ma.Bi. Road	10.11			10.11	सूर्यमती, थानसिं	
15	28DR017	Nuwakot-Bageshwori-Urleni-Kalche-Mala Bhanjyang Road	23.99		9.99	14.00	कक्नी, थानापति, थानसिं	
16	28DR005	Sole-Sahugaun-Bhumidevi U. Ma. Vi. Road	14.81			14.81	कक्नी, चतुराले, मदानपुर, बेलकाट	बाटो खुलि सकेको

Ranking Of DRCN for Improvement Work(Upgrading)								
S.N	Code	Name of Road	Total length	Black Top	Gravel	Earthen	पर्ने गा.वि.स.	कैफियत
17	28DR025	Simkhet-Bahundanda-Jiling VDC Office-Bagkhor Road	8.76			8.76	थप्रेक	
18	28DR033	Aarukharka-Bahuntol-Schooldanda Road	7.85			7.85	रातमाटे, दुईपिपल	सडक वोर्ड कार्यक्रममा परेको
19	28DR031	Samundratar-Hung-Kadeni-Kutumshang (Tourist Road)	13.96			13.96	विदुर नगरपालिका, तुच्चे, देउराली, कल्याणपुर, बुडताड, वर्सुन्चेत, किम्ताड, धादिङ जिल्ला	
20	28DR003	Trishuli(Coloni)-Deurali-Meghang-Kimtang-Thambukhola Dhading Road	34.37		22.35	12.02	गोस्याड, दाढिङ	
21	28DR022	Kaulethana-Mahendra Ma.vi.-Thansingphat Road	13.98			13.98	जिलिङ	
22	28DR034	Chahare-Likhukhola-Kabilas-Ghalebhanjyang-Thaprek-Betini-Golfubhanjyang	32.68			32.68	दुईपीपल, जिलिङ, कुमरी, बेलकोट, कक्नी	SNRTP, DDC DPR को तयारी
23	28DR012	Khaireni-Haldephat-Dansing Road	14.47			14.47	तुच्चे, देउराली	VRCN list बाट ल्याएको
24	28DR023	Ranipauwa-Chaturale-Belkot-Tadipul Road	21.04			21.04	खरानीटार, रालुका, सुन्दरादेवी	
25	28DR027	Aarukharka-Golma-Kalika Ma.Vi.-Lauke-Dhokabhanjyang Road	6.59			6.59	कविलास, पञ्चकन्या, थप्रेक, बालकुमारी, बेतिनी	डिभिजन सडक बाट वहवर्षिय ठेक्का भएको

Ranking Of DRCN for Improvement Work(Upgrading)								
S.N	Code	Name of Road	Total length	Black Top	Gravel	Earthen	पर्ने गा.वि.स.	कैफियत
26	28DR009	Mandredhunga-Gauribeshi-Kalikhola-Bhattagaun-Kha.Bha.Road	16.23		2.30	13.93	बेलकोट-चाउथे	
27	28DR028	Satbise-Salghari-Dahalthok-Ralukamaidan-Chilaunegaun-Bagmara Road	8.12			8.12	समुन्द्रादेवी, सिंके, लिखु, छाप, तलाँखु	
28	28DR024	Ratmate Ward No. - 7 ra 5 -Duipipal Dabali Road Road	4.61			4.61	समुन्द्रटार, गाउँखक	
29	28DR010	Mandredhunga-Khadgabhanjyang-Dangsing-Kaphalpani Road	25.59	2.33		23.25	बुडताड	
30	28DR030	Samundratar-Ramati-Kutungkhola-Ghyangphedi Road	15.01			15.01	सुन्दरादेवी, शिखरवेशी	
31	28DR029	Satbise-Deurali-Bagmara-Malabhanjyang Road	13.09			13.09	बुधसिं, गोर्याङ, दाडसिं	VRCN list बाट ल्याएको
32	28DR036	Gurje-Aitaram Parti-Maidan-Chhap-Talakhu Road	23.04			23.04	पञ्चकन्या	
33	28DR035	Chhahare-Shibalaya-Talakhu-Patibhanjyang (Lokmarga)	12.52			12.52	तुञ्चे, मनकामना, फिकुरी, काहुले, भालचे, साल्मे	डिभिजन सडक वाट वहुवर्षिय ठेक्का भएको
34	28DR026	Kolputar-Duipipal-Patle Road	43.75		6.05	37.70	समुन्द्रटार, शिखरवेशी, घ्याउफेदी	समुन्द्रटारवाट रामती सम्म डिभिजन सडक वाट वहुवर्षिय ठेक्का भएको
35	28DR032	Laptandanda-Panchakanya-Ga.Bi.Sa. Bhawan Road	6.33			6.33	चारघरे, खडगभञ्ज्याङ, गोर्याङ, दाडसिं	SNRTP/DDC १.५ कि.मि. विदुर न.पा. अन्तर्गत
36	28DR006	Meghang Bhanjyang-Barsunchet Road	9.86			9.86	बर्सुन्चेत धादिङ जिल्ला	धादिङ जिल्ला जाने बाटो

ANNEX 12 PRIORITIZATION FOR NEW CONSTRUCTION

Ranking Of DRCN for New Construction							
S.N	Code	Name of Road	Total length	Black Top	Gravel	Earthen	New Construction
	Total		49.30		24.99	24.30	19.09
1	28DR001	Sole-Satdobato-Bhalche-Salme Road	22.80		15.00	7.80	2.00
2	28DR017	Nuwakot-Bageshwori-Urleni-Kalche-Mala Bhanjyang Road	23.99		9.99	14.00	9.63
3	28DR002	Kimtang, 1- Salme Road	2.50			2.50	7.46

ANNEX 13 LIST OF COMMENTS/SUGGESTIONS RECEIVED FROM FINAL WORKSHOP

प्रश्न एं सुझाव	प्रस्तीकरण
धेरै ग्रामिण सडकहरु छुटेको देखिन्छ, ति सडकको विवरण देखिएन.	ग्रामिण सडकको विवरण छुटै छ र DTMP रिपोर्टमा Annex को रूपमा राखिने छ.
28DR010 सडकको कालो पत्रे भाग नगरपालिकाभित्र पर्दछ, त्यो कालो पत्रे भाग हटाएर बाँकी रहेको लम्बाईलाई मात्रै राख्नुपर्ने	कालोपत्रे भागको लम्बाई हटाउन मिल्दैन । यो भागको लम्बाई हटाएपछि Strategic Road सँगको Link छुट्न जान्छ र यो सडकसँग अरु DRCN सहायक सडकहरु छुट्टिएको छ र DTMP Guideline 2012 अनुसार मिल्दैन ।
सडक विभागले काम गर्दै आएको सडक DRCN List बाट हटाउनु पर्दछ ।	त्यसो गर्न मिल्दैन, सडक विभागले काम गर्दै आएको सडकसँग हाम्रो DRCN सडकहरु जोडिएको छ । सडक विभागले काम गर्दै आएको सडकलाई छुटै Table बनाई Table 2.3.2 को तल Report मा राखेका छौं ।