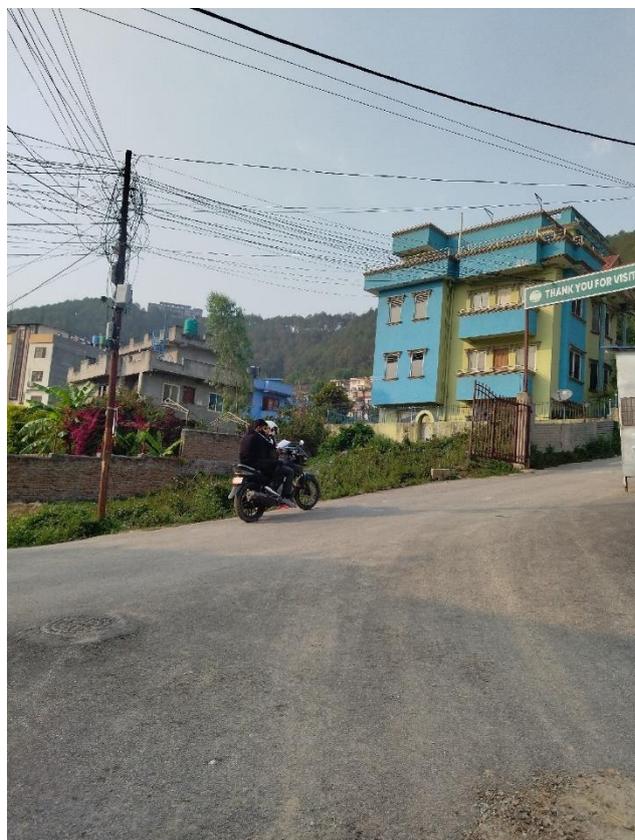




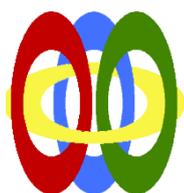
Government of Nepal
Nagarjun Municipality
Nagarjun, Kathmandu, Nepal



Preparation of Detail Road Inventory Report, GIS Database incorporating road plan within Nagarjun Municipality, Kathmandu

Final Report

2079/01/20



Submitted By
Picasso Consultant Pvt. Ltd.
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Project Information

Name of the Project	Preparation of Detail Road Inventory Report, GIS Database incorporating road plan within Nagarjun Municipality, Kathmandu
Name of the Client	Government of Nepal Office of Municipal Executive Nagarjun Municipality Nagarjun, Kathmandu, Nepal
Name of the Consultant	Picasso Consultant Pvt. Ltd.

Submission Information

Name of the Report	Main Report (Detail of Road Inventory Report of Nagarjun Municipality)
Number of Volumes	1
Submission Type	Hard Copy
Hard Copies Produced	3
Consultant's Team	Mr. Naresh Shrestha: GIS Expert Nimesh Dangol: Civil Engineer Mr. Shiba Khadka: Diploma in Civil Engineering Mr. Prakash Singh Tamata: Diploma in Civil Engineering Mr. Nabin Chapagain Diploma in Civil Engineering Mr. Subodh Giri: Diploma in Civil Engineering
Official Stamp	

Acknowledgement

We would like to express our sincere gratitude to Mr. Mohan Bahadur Basnet (Mayor of Nagarjun Municipality), Mrs. Sushila Adhikari (Deputy Mayor), Mr. Surendra Thapa Magar (Chief Administrative Officer), Mr. Kanchan Khanal (Senior Engineer), Bimochan Bhandari (Engineer of Nagarjun Municipality) and all staffs from the municipality for facilitating and supporting us during the study. We would also like to extend our gratitude to the experts from Nagarjun Municipality who gave their valuable time and shared knowledge during meeting. The active participation from entire municipality has encouraged during the whole process.

1 Background:

Transport facilities help in developing access with the rural-urban linkages. Road has been seen to bring about notable enthusiasm and visible changes in life. Road infrastructure is considered as “the infrastructure for infrastructure”. Road accessibility can reduce isolation, stimulate crop production and marketing activities, encourage public services and help to transfer technology. However, in absence of road inventory report, road construction and planning is carried out in adverse manner resulting in haphazard use and wastage of limited resources.

Nagarjun Municipality seeks to prepare **Detail Road Inventory Report, GIS Database incorporating road plan within Nagarjun Municipality**. This will provide details of Road including its surface, width, row, existing road situation etc. which will help in systematic planning of road in near future.

2. Objectives:

The objective of the study is to prepare a detail road inventory report, GIS Database preparation and incorporation of proposed road plan within Nagarjun Municipality.

3. Scope of work:

The details of scope of works are as follows.

- i. Detail Inventory Survey of all the roads within Nagarjun Municipality using GPS.
- ii. Detail Inventory of road must include
 - Identification of existing road width.
 - Inventory of all the road furniture's along the road.
 - Inventory of existing road surface i.e. Earthen, Gravel, Metalled, RCC/PCC, stone paved etc.
- iii. Collection of all the information related to Road and Integration of collected information in GIS Database.
- iv. Meeting for road naming and road segment finalization.
- v. Preparation of ward wise and municipal level GIS Database of Road Network.
- vi. Preparation of Ward wise and municipal level excel Database preparation for the summary of Road surface, width, total length etc.
- vii. Presentation and Discussion with the client on the output and preparation of Final Report.

4. Study Area:

Nagarjun Municipality lies in Kathmandu District of Bagmati Province. The total area of the municipality is 29.8 sq. km. The municipality has been divided into 10 wards for the efficient administration. Nagarjun Municipality was declared on 22th Chaitra 2073 merging five VDCs, Bhimdhunga, Ichangu Narayan, Ramkot, Syuchatar and Sitapaila of Kathmandu. The municipality is bounded by Kathmandu metropolitan city in the East, Dhunibesi municipality in the West, Tarkeshwor municipality in the North and Chandragiri municipality and Kritipur municipality in the South.

Different wards of previous VDCs were combined to give new structure of wards in the municipality.

Table 1: Restructuring of wards of VDC to Municipality

Since 2016	2015- 2016	Before 2015	
Nagarjun Municipality (Present wards)	Nagarjun Municipality (Old wards)	VDC name	VDC ward number
1	1	Ichangu Narayan	Ichangu Narayan 7,8,9
2	2	Ichangu Narayan	Ichangu Narayan 5,6
3	3	Ichangu Narayan	Ichangu Narayan 1,2,3,4
4	4	Sitapaila	Sitapaila 1,2,4
5	5,6	Sitapaila	Sitapaila 3,5,6,7,8,9
6	7,8	Sitapaila	Ramkot 4,5,6,7,8,9
7	9,14	Ramkot, Syuchatar	Ramkot 1,2,3 Syuchatar 7,8,9
8	10,11	Bhimdhunga	Bhimdhunga 1-9
9	12	Syuchatar	Syuchatar 1,3,6
10	13	Syuchatar	Syuchatar 2,4,5

Source: Rajpatra

5. Methodology

5.1 Desk Study/Preparation of satellite Map

Literature study was carried out before the research to gain detailed knowledge of the subject area. Various relevant documents i.e., data, information, maps and literatures collected during data collection through different method were critically reviewed. All the collected documents related to the Road and infrastructures were referred. Data that were collected/ studied are as follows.

Documents: Integrated Urban Development Plan of Nagarjun Municipality

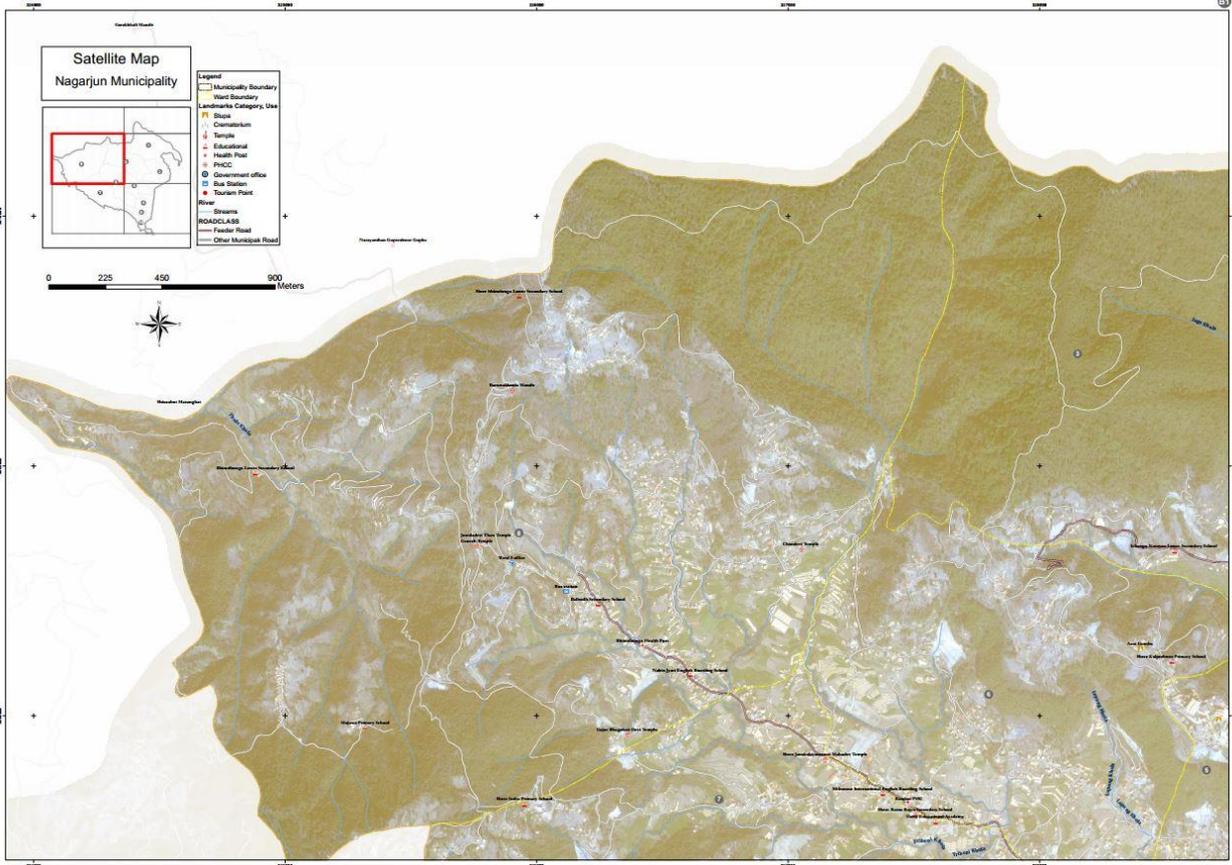


Figure 1 Map in Grid for Road Demarcation and naming

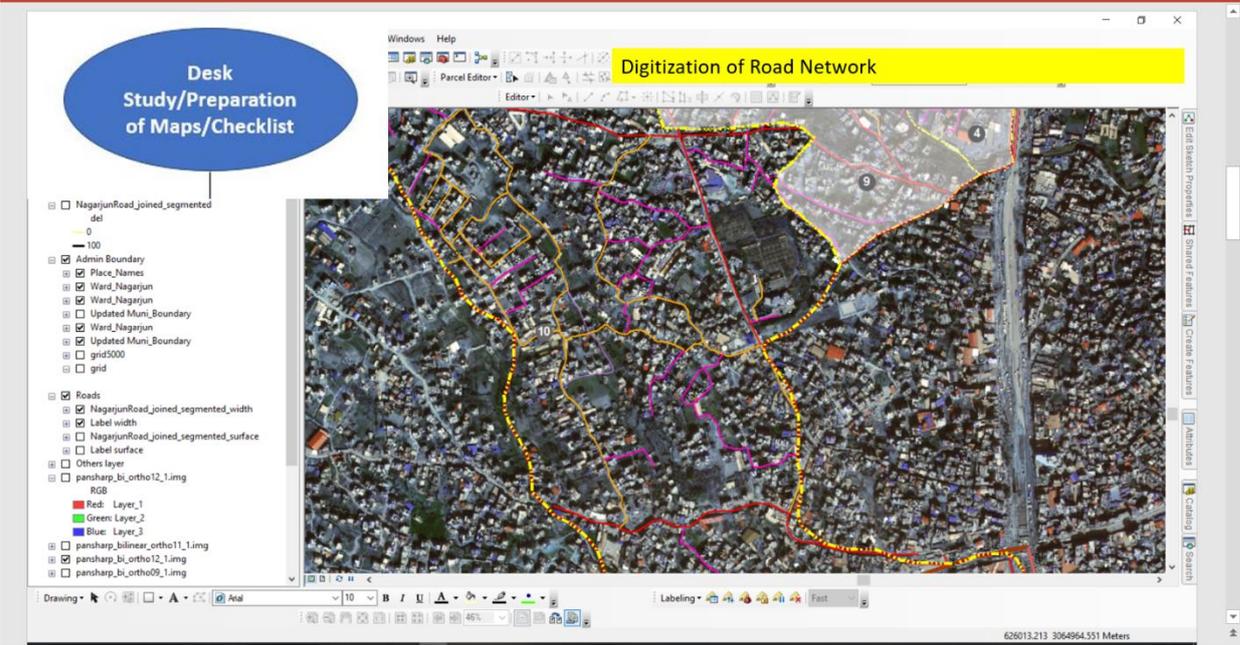


Figure 2 Digitization of Road Network in GIS

5.2 Preparation of Checklist

The checklist for the inventory survey were prepared on the bases of study of the above documents and literatures.

Nagarjun Municipality Road Inventory Sheet

Road ID:								Sheet no.:							
Sno.	Surf	T	W	F	D	S	LEFT CARRIAGEWAY	RIGHT CARRIAGEWAY	S	F	D	W	T	Soil	
SN	SURFACE TYPE	TERRAIN/BUILDING	RETAINING WALL	FOOTPATH	SIDE DRAIN	SHOULDER	LEFT CARRIAGEWAY	RIGHT CARRIAGEWAY	SHOULDER	SIDE DRAIN	FOOTPATH	RETAINING WALL	TERRAIN/BUILDING	SOIL TYPE	REMARKS

- Abbreviations**
- | | | | |
|-----------------------------|--------------------|-------------------|---------------------|
| SURFACE TYPE: | BT= Black Topped | G= Gravel | E= Earthen |
| SOIL TYPE: | OS = Ordinary Soil | HS= Hard Soil | SR = Soft Rock |
| DRAIN TYPE: | TD= Tick Drain | BD= Box Drain | MR = Medium Rock |
| WALL TYPE: | GW= Gabion Wall | MW= Masonry Wall | HR = Hard Rock |
| TERRAIN/BUILDING/FURNITURE: | H = House | PW= Property Wall | MS= Marshy Soil |
| | | | CW= Concrete Wall |
| | | | TR= Tree |
| | | | CA= Cultivated Area |

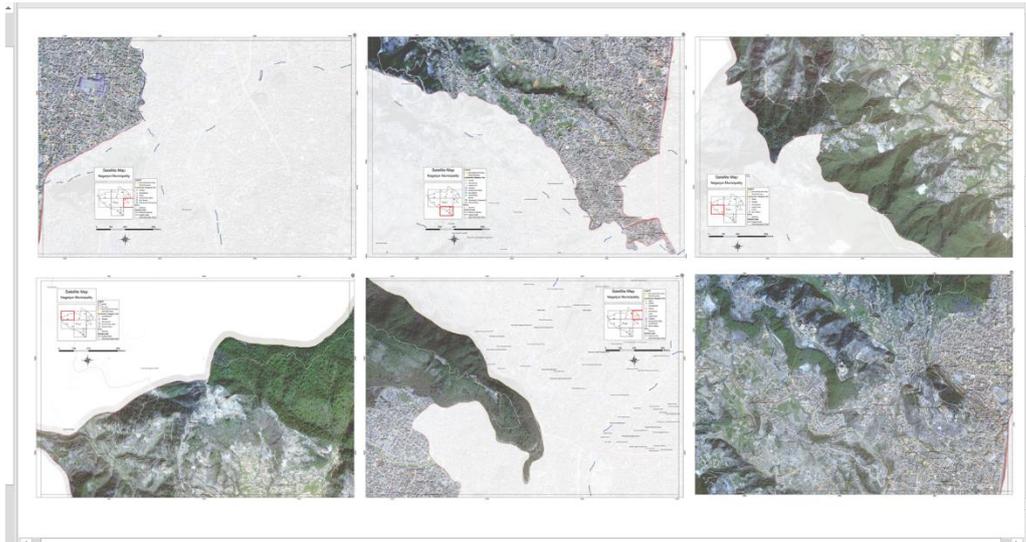
Figure 3 Road Inventory Sheet

5.3 Preparation of Base Maps

The Base map is prepared with latest capture satellite imagery with overlay of all the roads within Nagarjun municipality. The base map with district and Municipality boundary, natural features like water bodies (river, stream, and pond); manmade features like road, track, high tension line, etc.; is also prepared.

The satellite imagery map is then prepared for demarcating the road segment and verification of existing road within the Nagarjun municipality.

The study area is analysed through GIS according to the collected information of the road.



5.4 Meeting

Meeting at the municipality is carried out for the identification and demarcation of road segment.





5.5 Road Inventory Survey

The road inventory survey is carried out with the help of a GPS & SW-MAPS, a measuring tape, and high-resolution satellite imagery. The details of the road surface, width, and road furniture and other details (as per checklist), were noted, and photographs of each road were taken. The changes at every road.



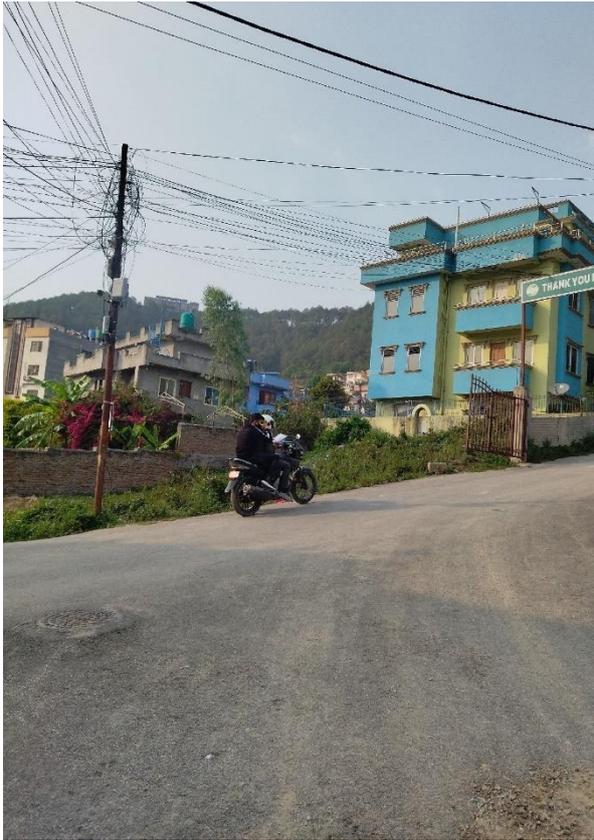


Figure 4 Photographs of road inventory survey

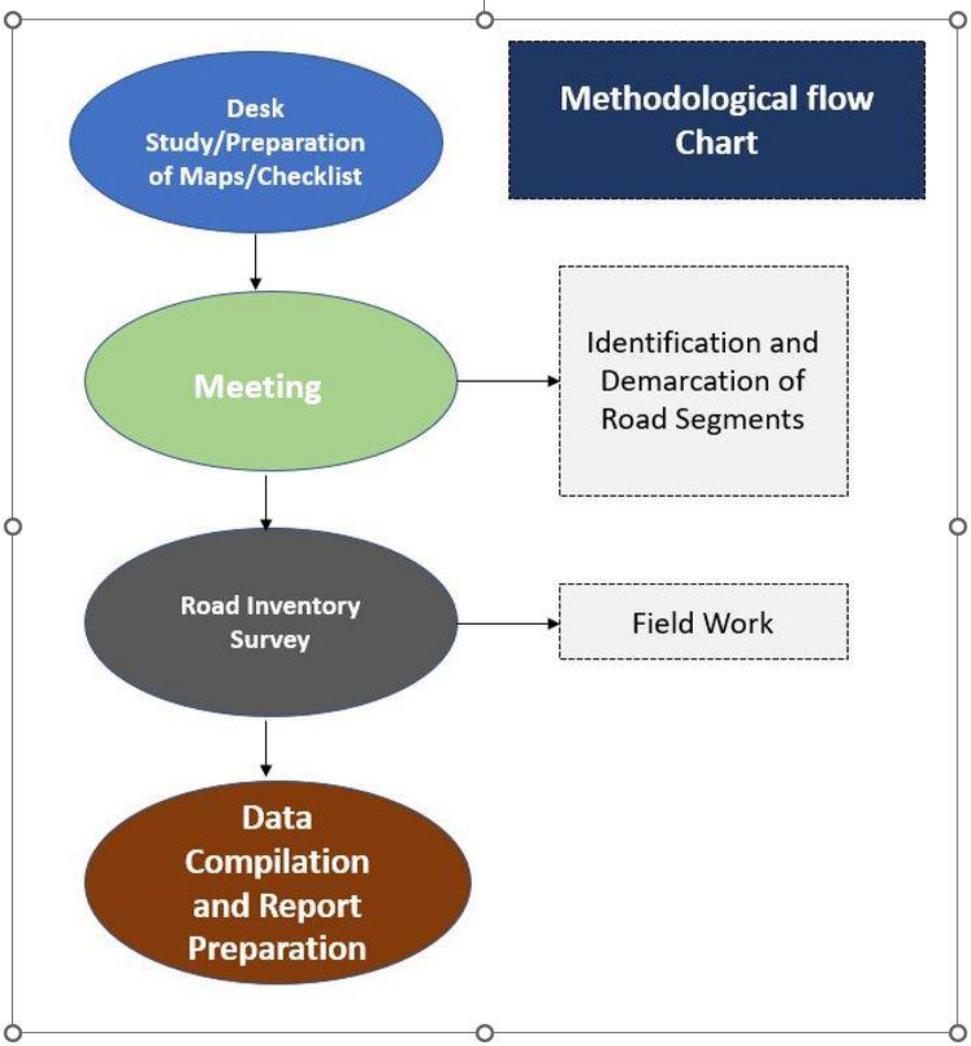


Figure 5 Methodological Flow chart

5.6 Data Compilation and Preparation of Report

Following the completion of the road inventory survey, all data obtained from the filed survey is integrated into GIS for further analysis. The road inventory report's specifics are then prepared.

6. Work Plan

The Suggested work plan is as per tabulated below

Table 2: Work Plan for the Project

SN	Activity	Time Period
1	Detail Inventory Survey of all the roads within Nagarjun Municipality.	4 weeks
	Collection of road information, plans from each ward	1 week
2	Ward meeting for data validation	1 week
3	Preparation of GIS and Excel Database <ul style="list-style-type: none"> • Ward wise Database • Municipal Level Database 	1 week
4	Final Report Preparation	1 week
	Total	2 months

7. Team Composition

The suggested Team Composition is as per tabulated below.

Table 3: Project Team Composition

No.	Position	No.	Month
A	Key Experts		
1	GIS Expert	1	1
2	Civil Engineer	1	1.5
B	Supporting Team		
5	Field Surveyor	5	1

8. Output

8.1 Road category as per Road hierarchy

The total length of road within Nagarjun municipality is approximately 217.1 km, of which 3.7 km is the Kathmandu Valley Ring Road. The Tribhuvan Rajpath 0.4km, 0+000 chainage at Kalanki, runs through the municipality. The municipality is served by a total of 13.4 km of feeder road, including the Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road (FRN) and the Kalimati-Sitapaila-Bhimdhunga-Dharke Road. The length of the road is shown in the table below.

Table 4: Road Lengths by Hierarchy in different Wards

Road Category	Ward Road Length in km										Grand Total
	1	2	3	4	5	6	7	8	9	10	
National Highway (Kathmandu Ring Road)		0.8	0.5	1.9						0.4	3.7
National Highway (Tribhuvan Rajpath)										0.4	0.4
Feeder Road Network			3.5	1.5	1.7	1.2	0.9	4.6			13.4
Other Municipal Road	12.2	35.6	13.3	21.1	23.2	24.8	24.5	28.4	6.2	10.4	199.6
Grand Total	12.2	36.4	17.4	24.5	24.9	26.0	25.4	33.0	6.2	11.2	217.1

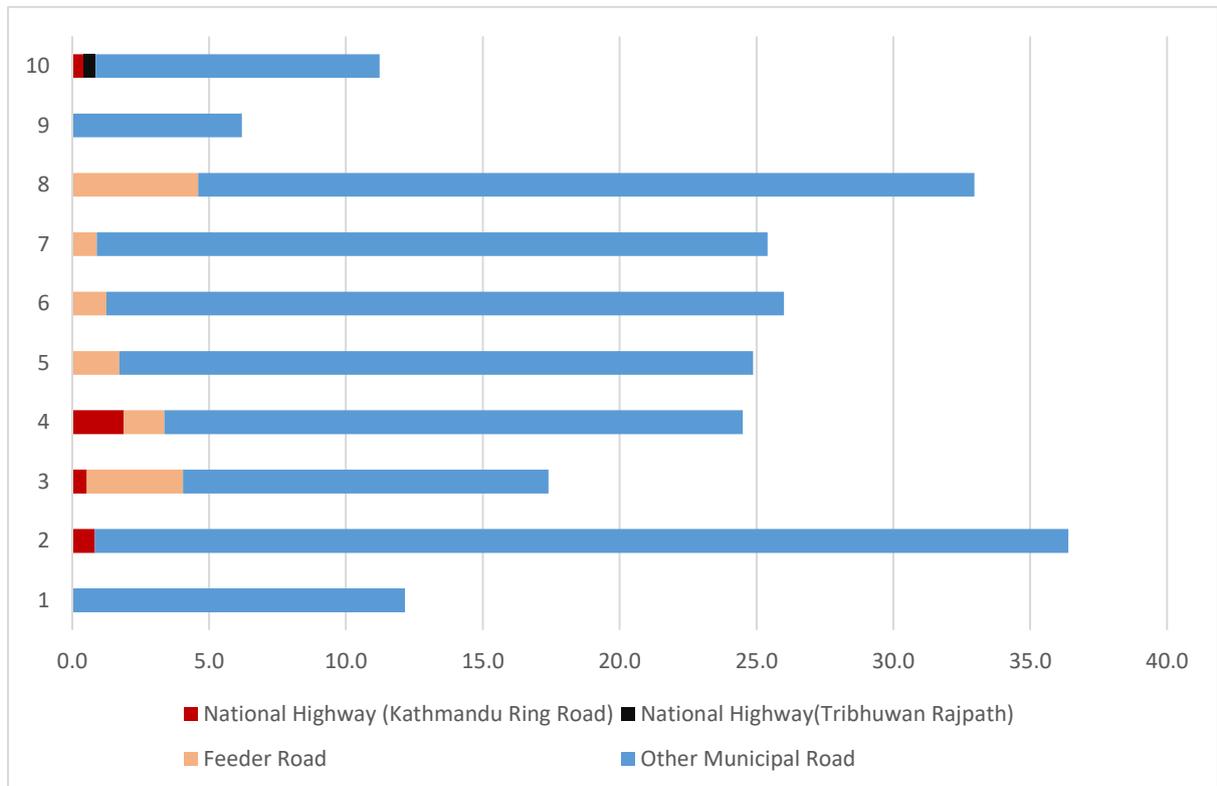


Figure 6: Road Lengths by Hierarchy in different Wards

8.2 Road category by its surface

The total length of road within Nagarjun municipality is about 217 km out of which 72.3 km of road is bituminous, 28.5 km of road is gravelled, 60.8 km road is earthen, 52.8 km is RCC paved, 1.2 km is stone soling, 1.5 km is block soling. The upgrading works of various gravelled road to bituminous pavement was observed during field visit. The ward wise details of road category as per its surface is presented in table and charts below.

Table 5: Road Lengths by Surface Types in different Wards

Ward	Road Surface (Length in km)						Grand Total
	Earthen	GRAVEL	RCC	BLACK TOPPED	BLOCK SOLLING	STONE SOLLING	
1	2.1		3.9	6.1			12.2
2	5.5	0.4	10.8	19.1	0.1	0.4	36.4
3	5.3	1.2	7.6	3.3		0.01	17.4
4	2.9	2.1	6.0	11.7	1.2	0.6	24.5
5	5.6	1.6	10.2	7.5	0.1	0.0	24.9
6	7.1	10.1	3.1	5.7			26.0
7	10.7	2.6	5.7	6.4			25.4
8	16.9	9.8	2.8	3.5			33.0
9	1.6	0.5	0.3	3.8	0.1		6.2
10	3.2	0.3	2.3	5.2		0.2	11.2
Grand Total	60.8	28.5	52.8	72.3	1.5	1.2	217.1
Percent	28%	13%	24%	33%	1%	1%	100%

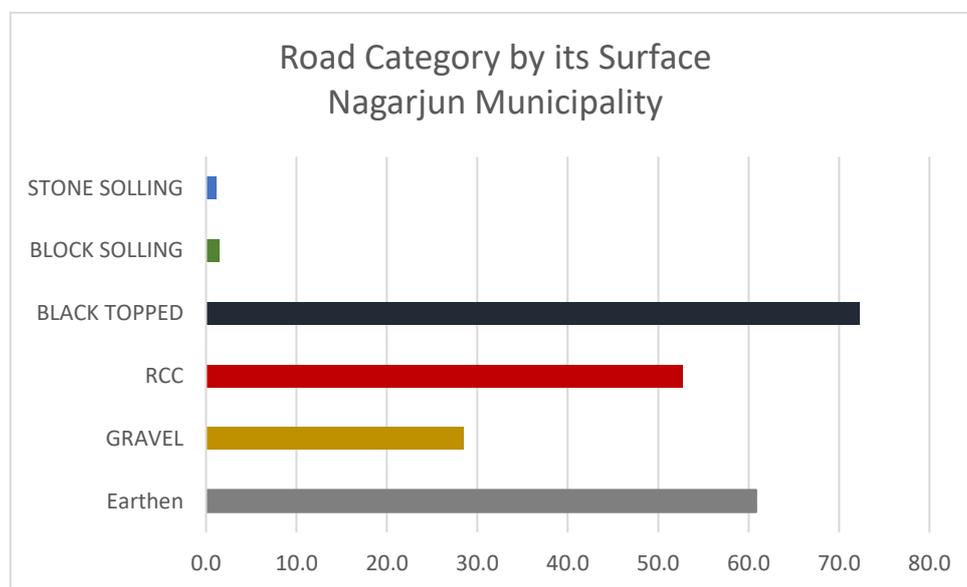
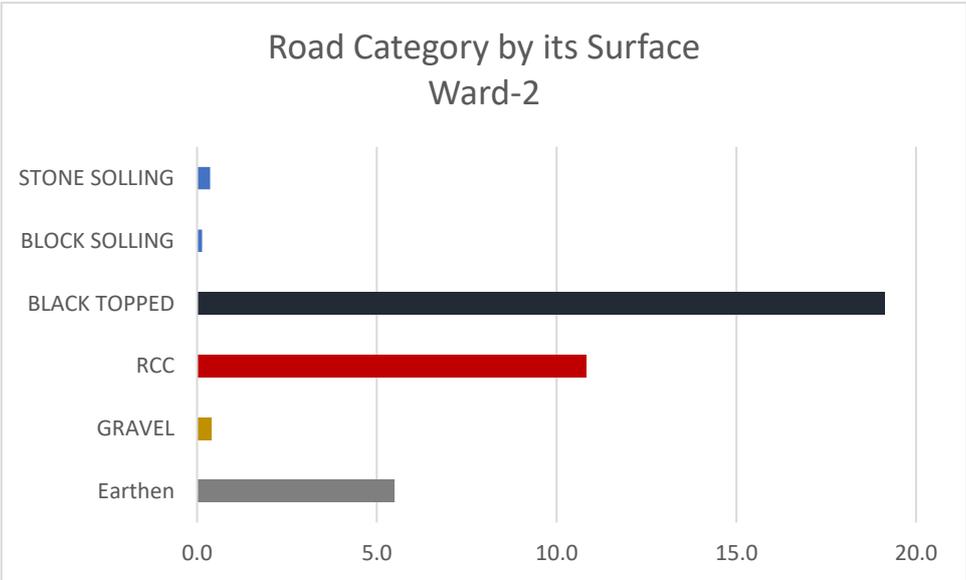
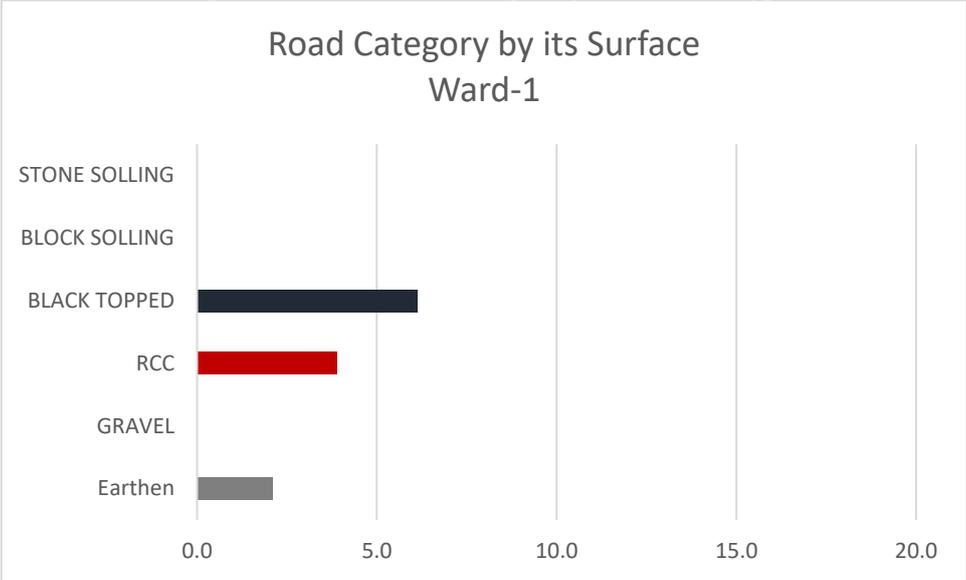
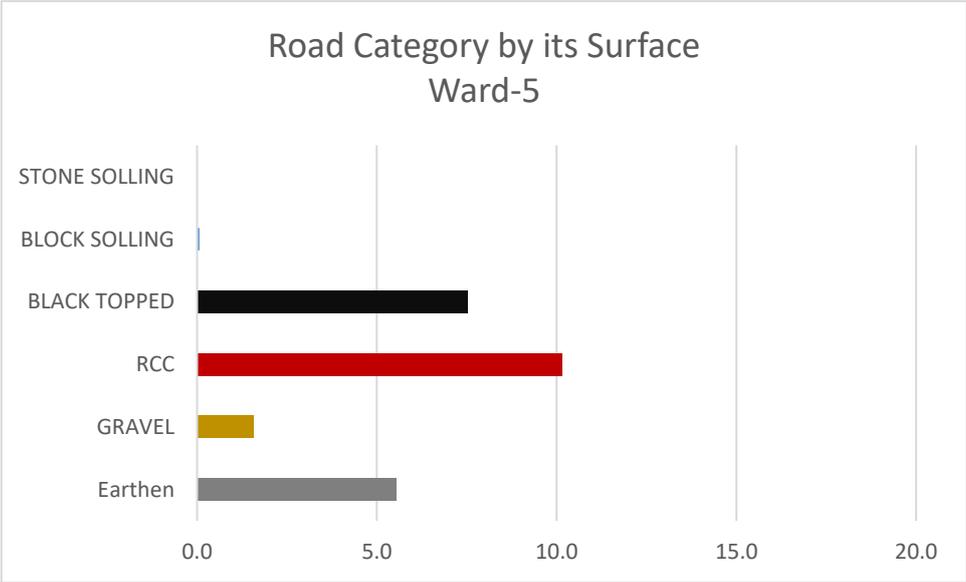
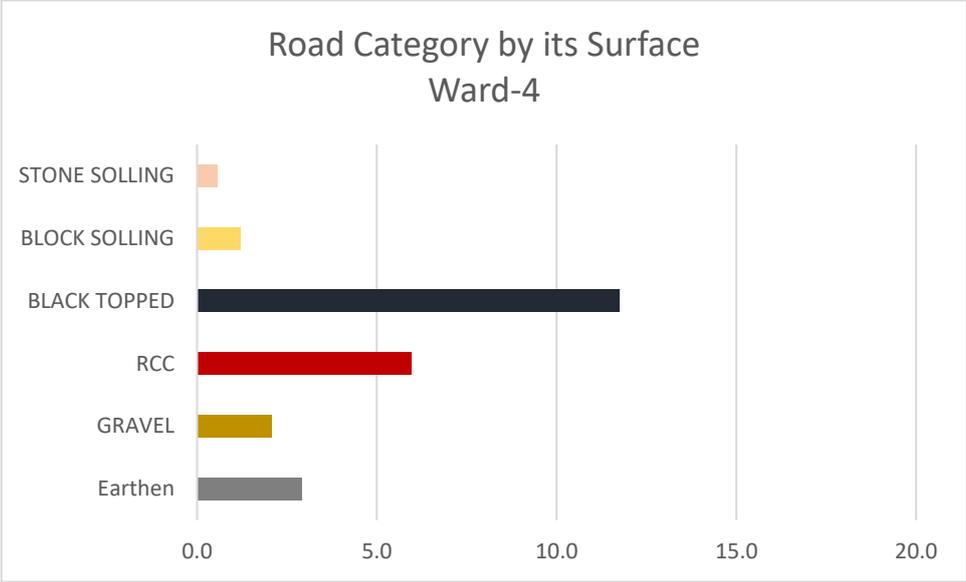
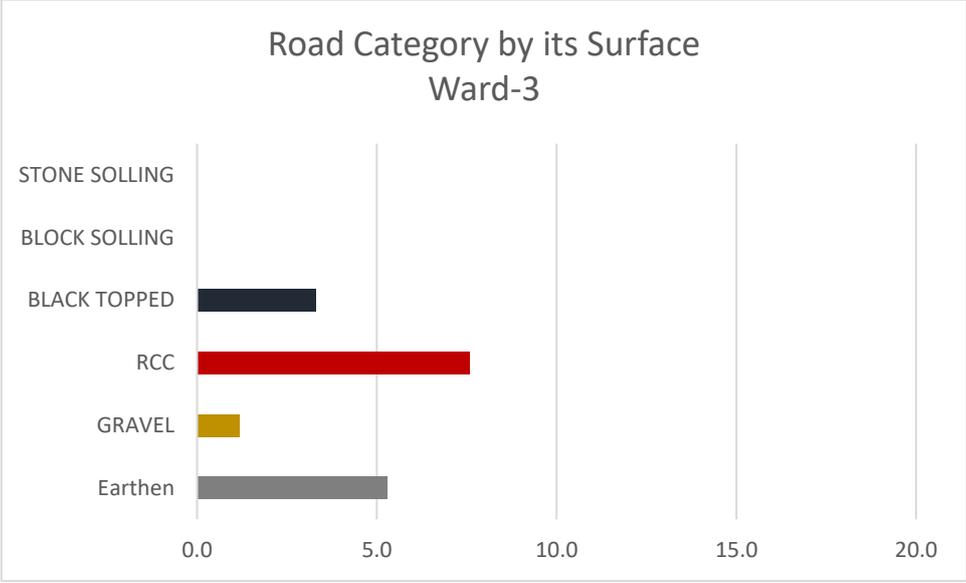
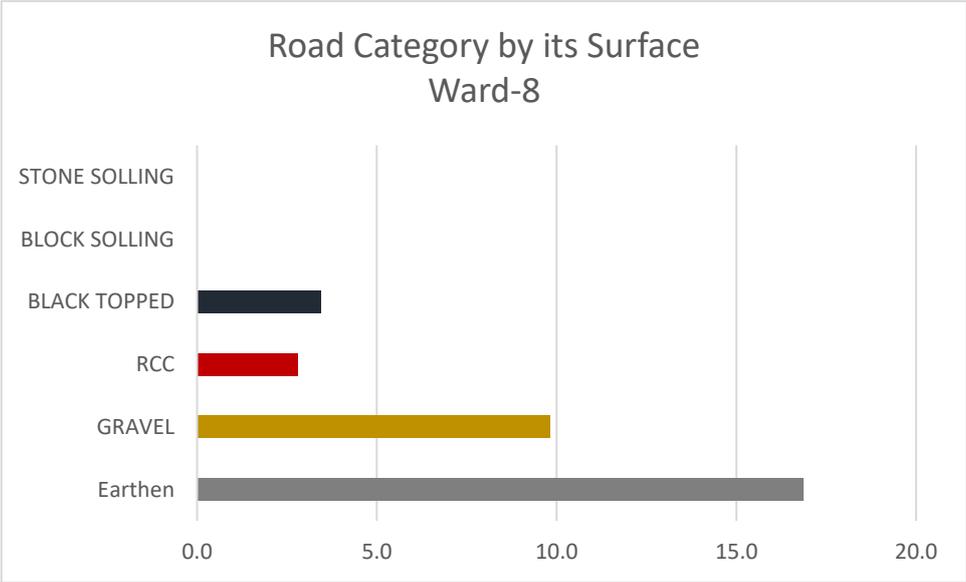
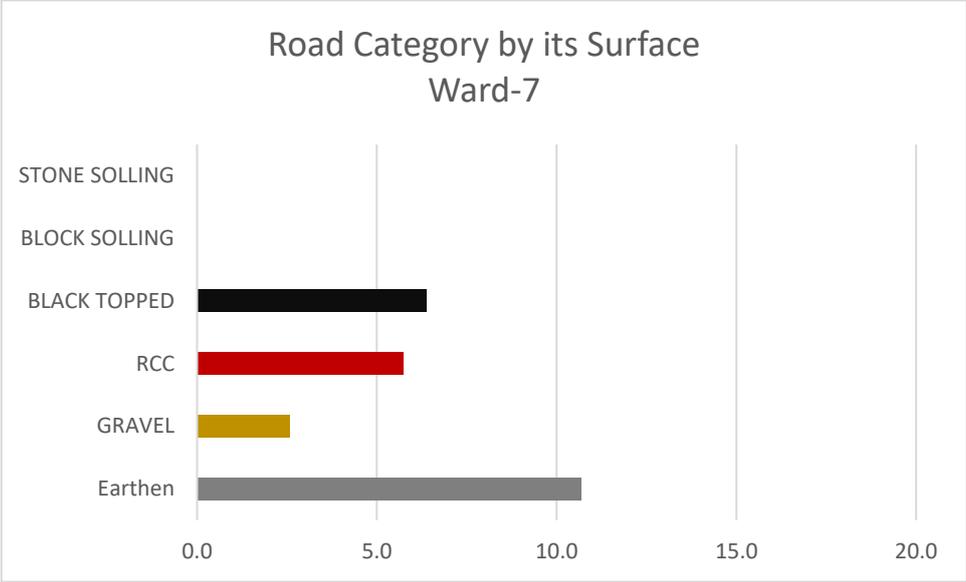
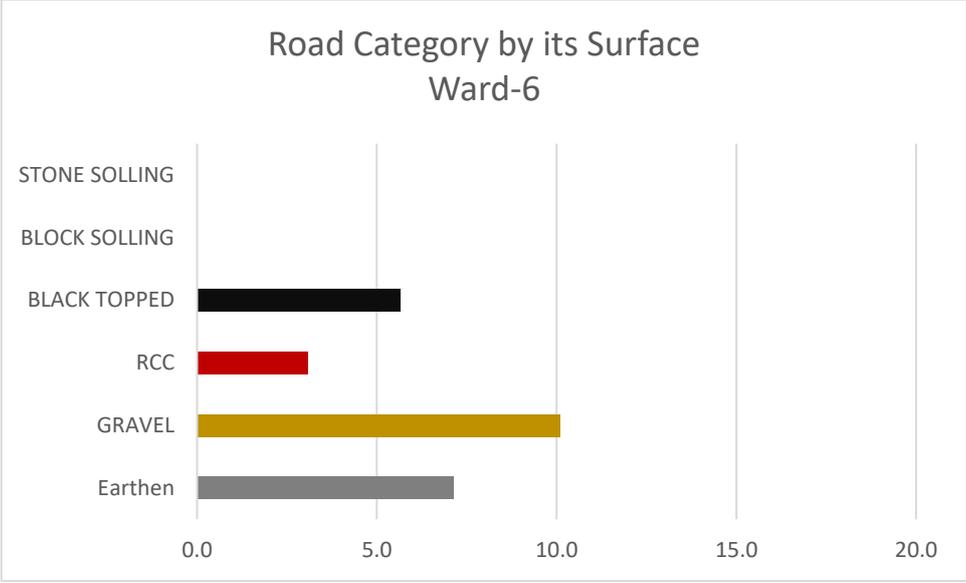


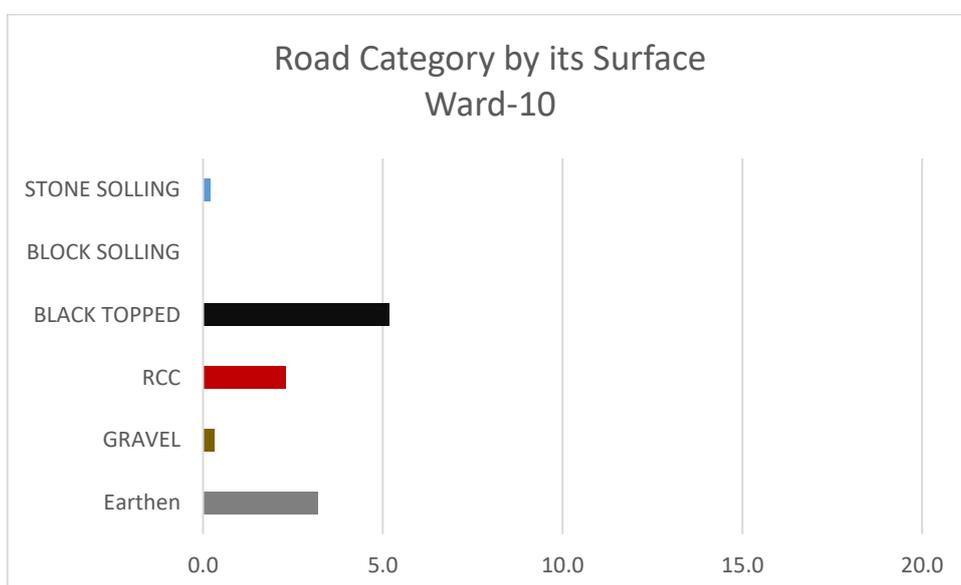
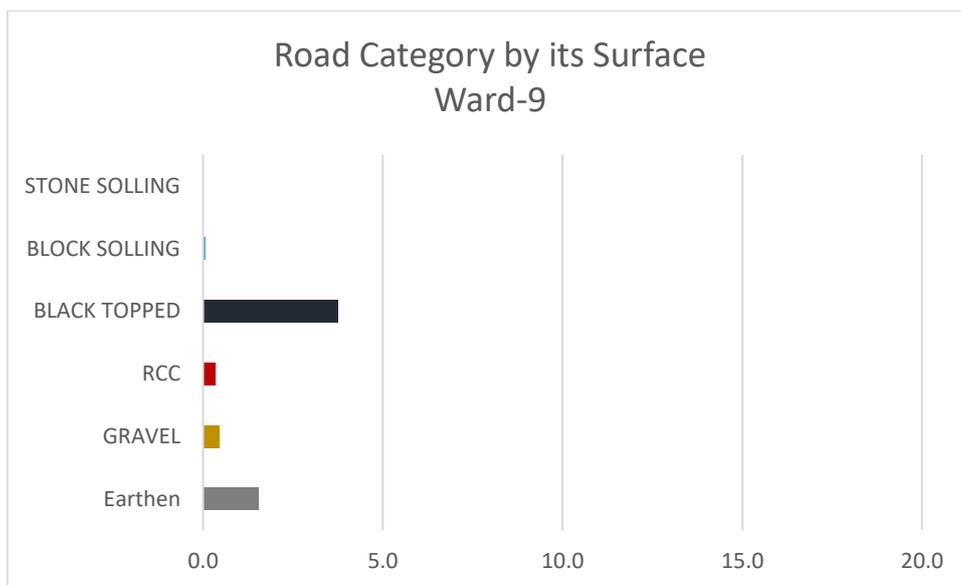
Figure 7: Road Lengths by Surface Type in different Wards

Figure 8: Ward Wise Road Lengths by Road Surface Type









8.2 Road category by its Width

The roads within Nagarjun municipality are categorized as per its width. It's found that majority of roads are up to 6m width. Total of 6% road have width less than 2 m, 32% is within 2-4 m, 42% is within 4-6m, 15% is within 6-8m, 3% is within 8-12m, 2 % is within 12-16m and 0.2% within 16-24m category. The details of road distribution by width in each ward are shown in the table below.

Ward	Road Width in meter							Grand Total
	up to 2	2-4	4-6	6-8	8-12	12-16	16-24	
1	0.7	3.8	6.2	1.5				12.2
2	0.7	22.0	11.8	1.0		0.8		36.4
3	0.8	9.6	4.9	1.1	0.5	0.5		17.4
4	0.9	10.8	8.9	0.6	1.5	1.9		24.5
5	1.3	4.2	15.8	2.0	1.6			24.9

6	1.0	7.9	11.6	3.5	2.0				26.0
7	1.7	3.1	9.9	10.4	0.3				25.4
8	4.6	3.2	16.5	8.6					33.0
9	0.3	1.6	2.1	2.2					6.2
10	0.4	3.6	4.1	2.3		0.4	0.4		11.2
Grand Total	12.4	69.8	91.8	33.1	5.9	3.7	0.4		217.1
Percent	6%	32%	42%	15%	3%	2%	0.2%		100%

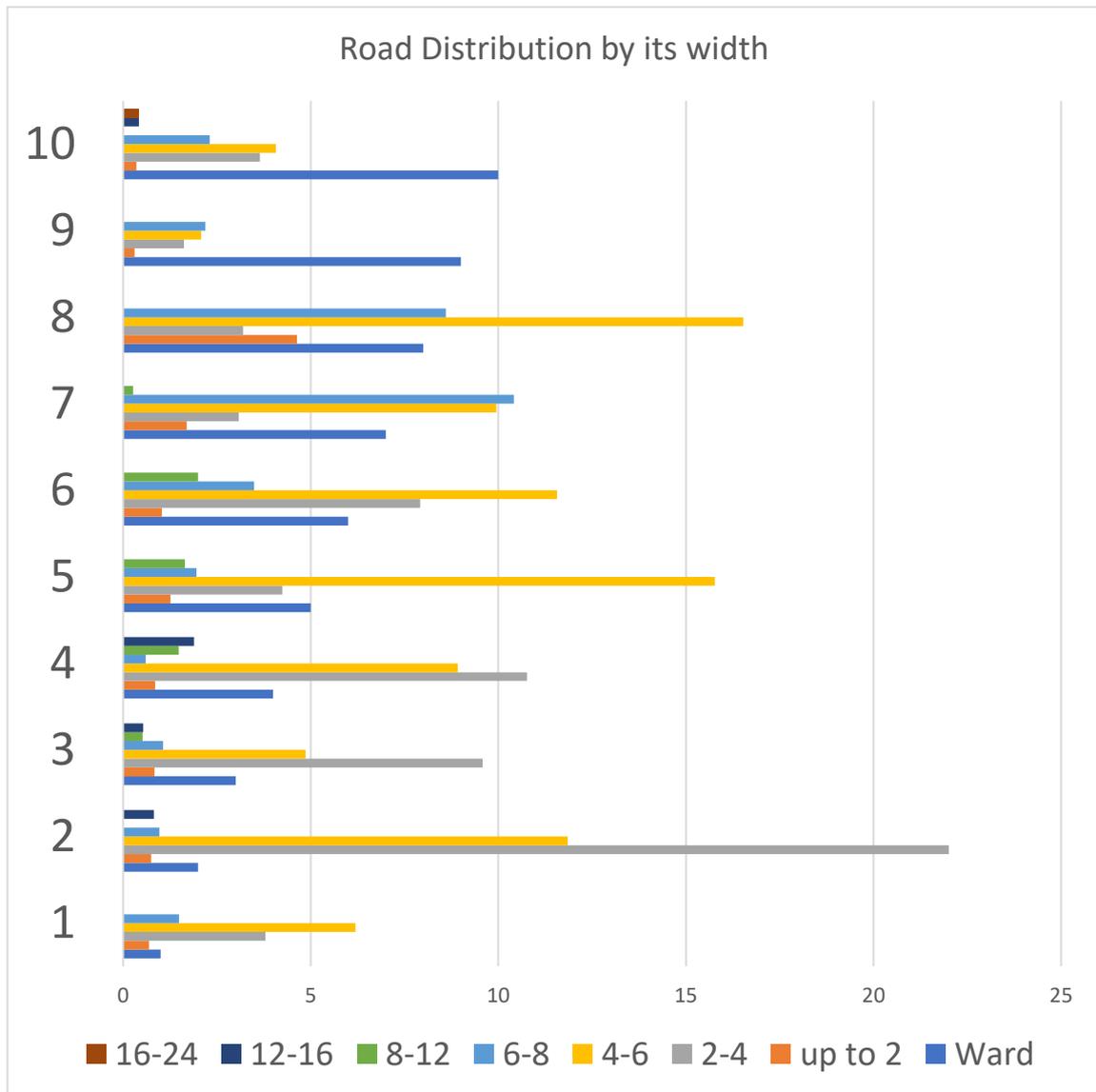
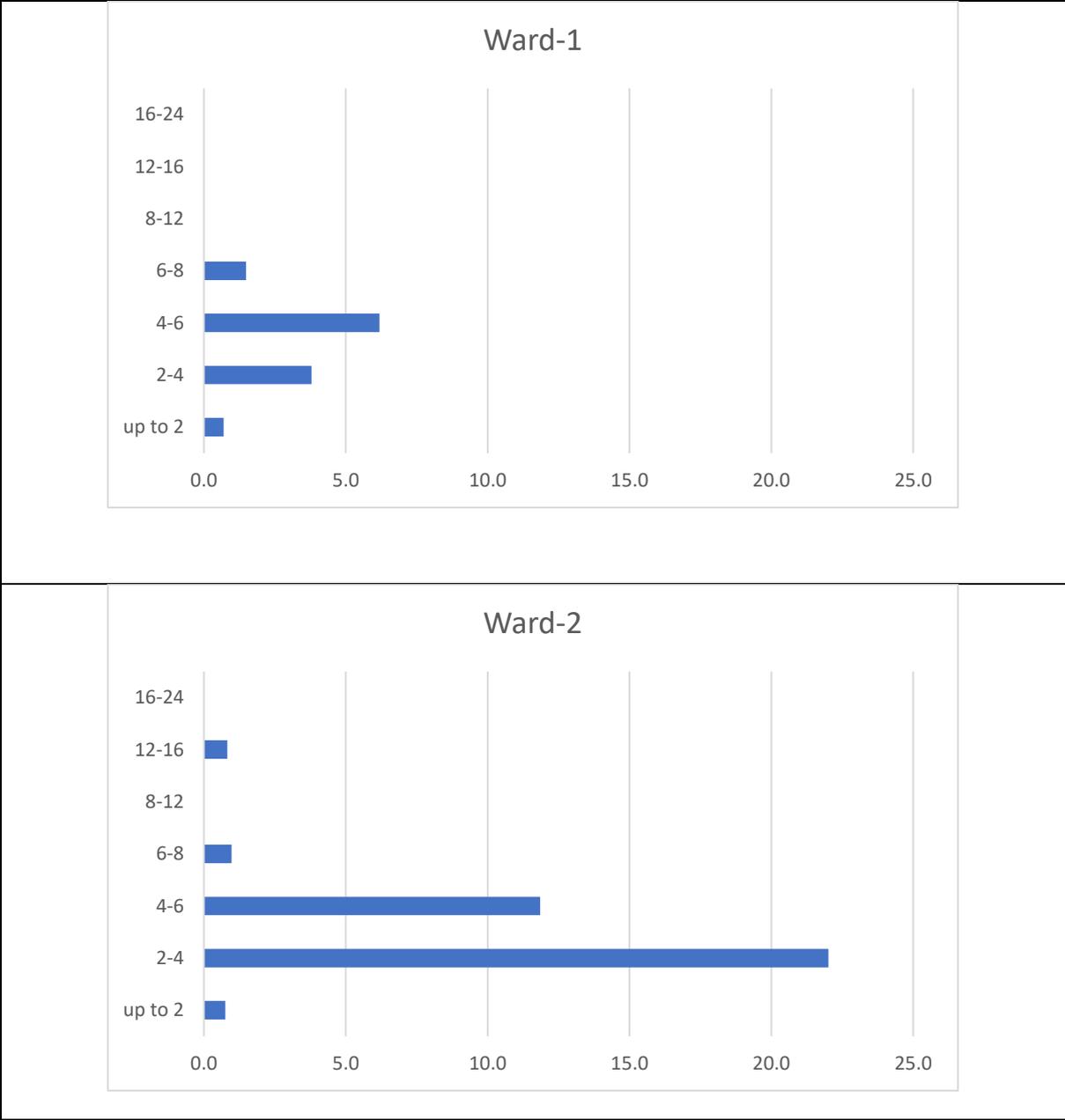
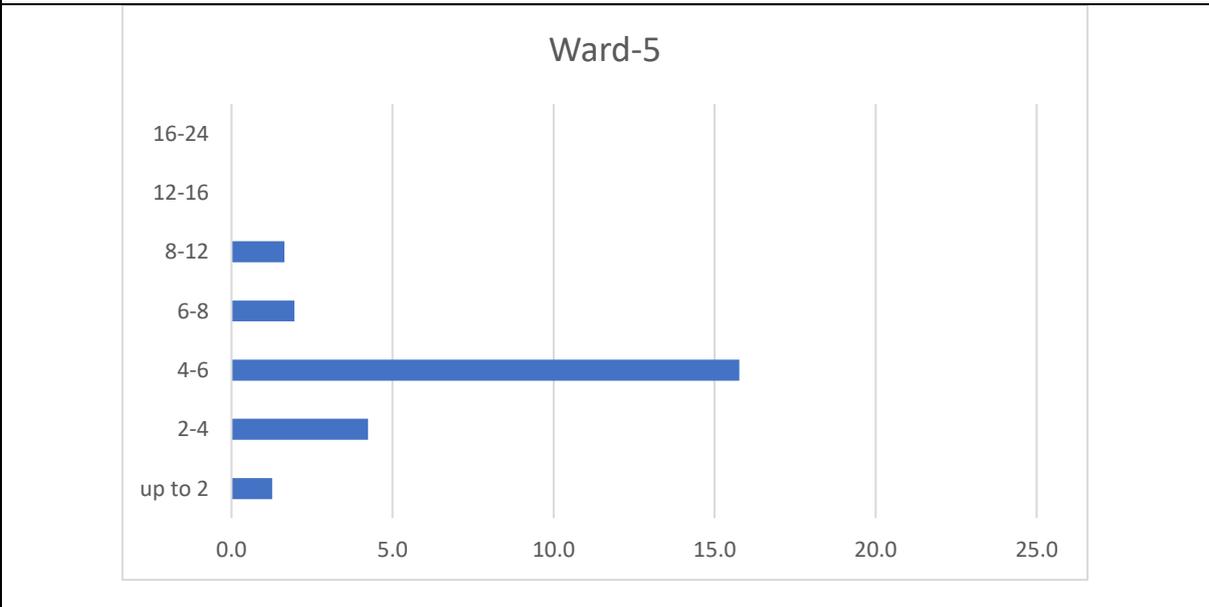
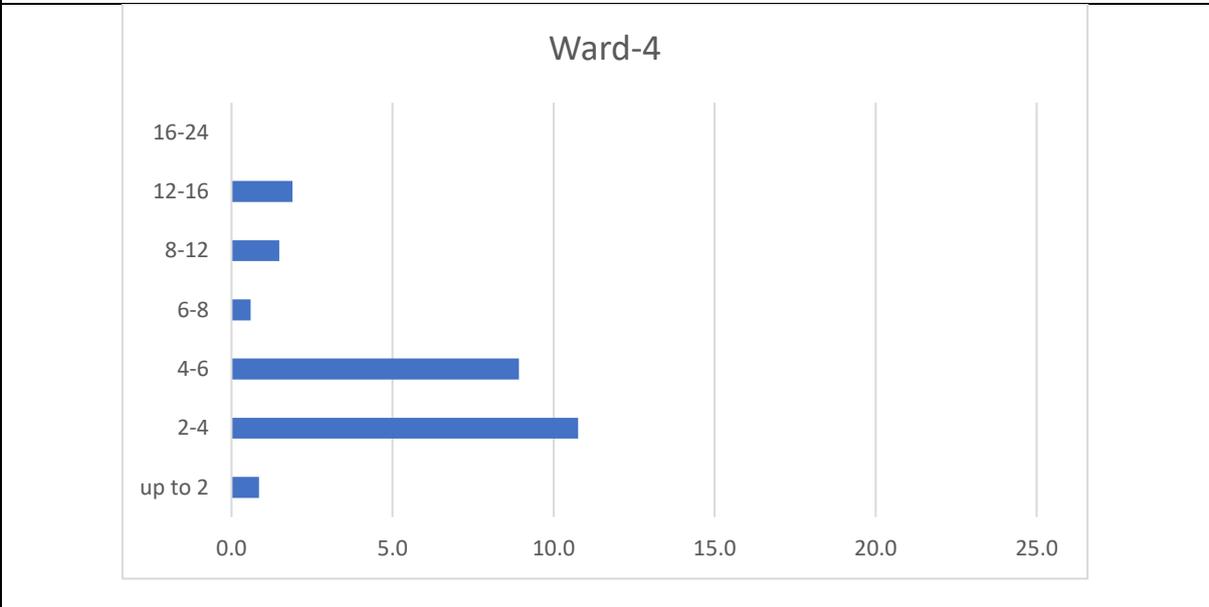
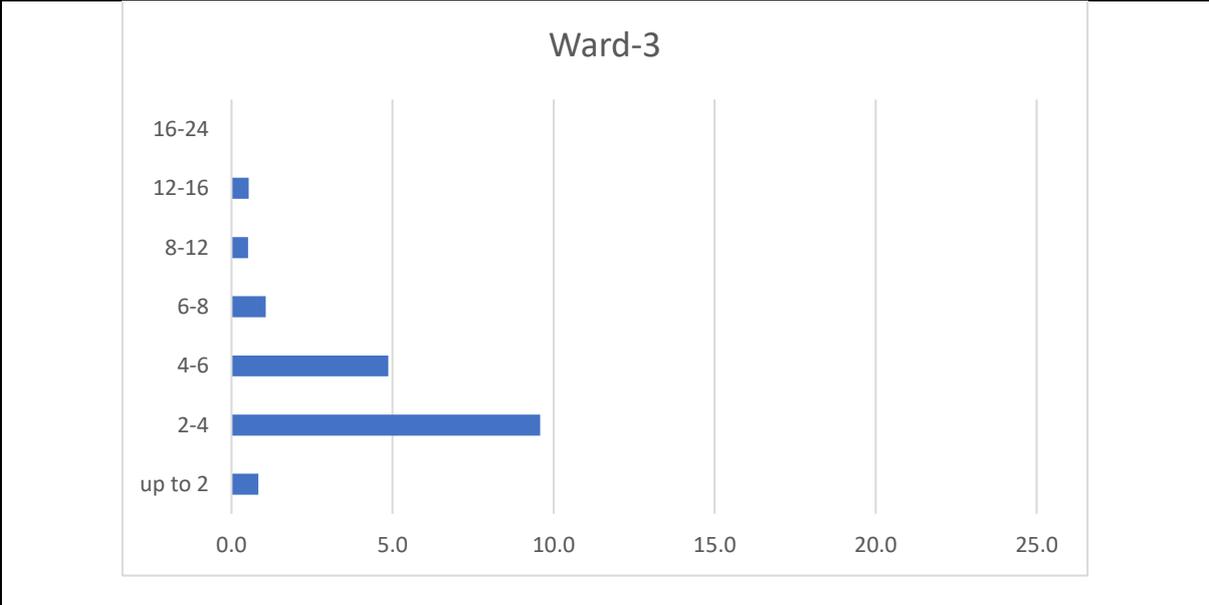
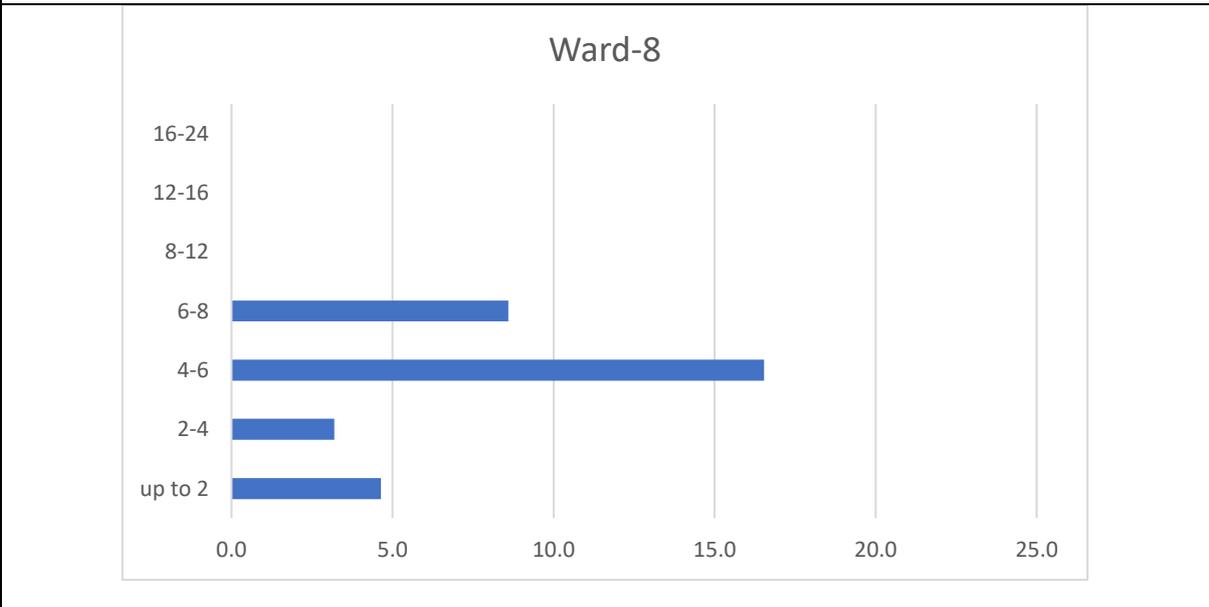
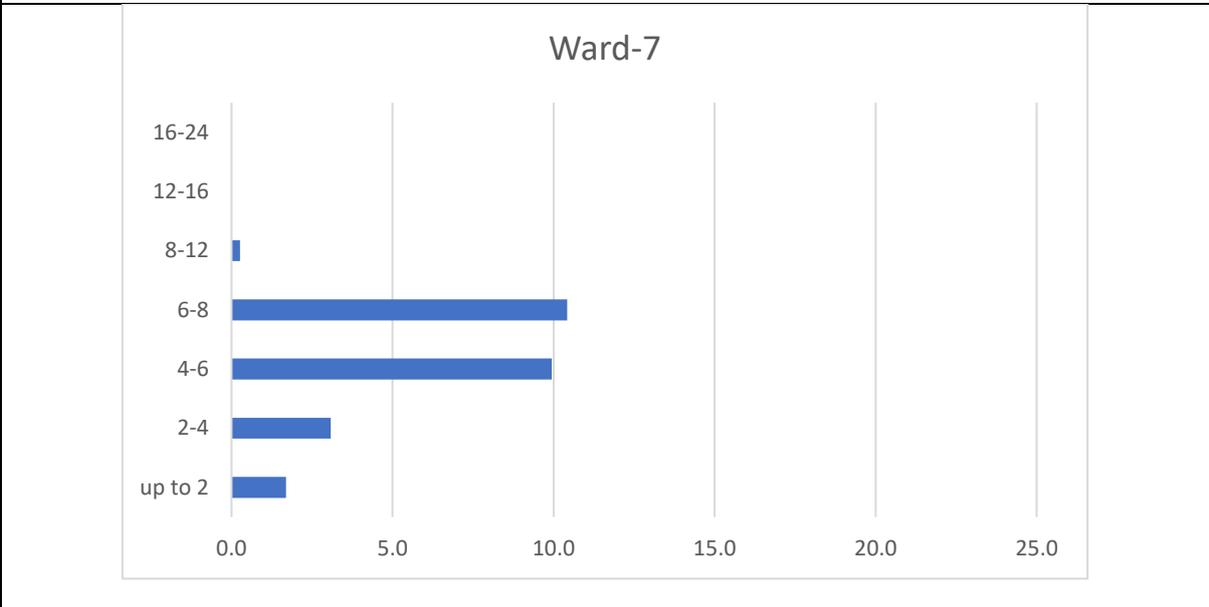
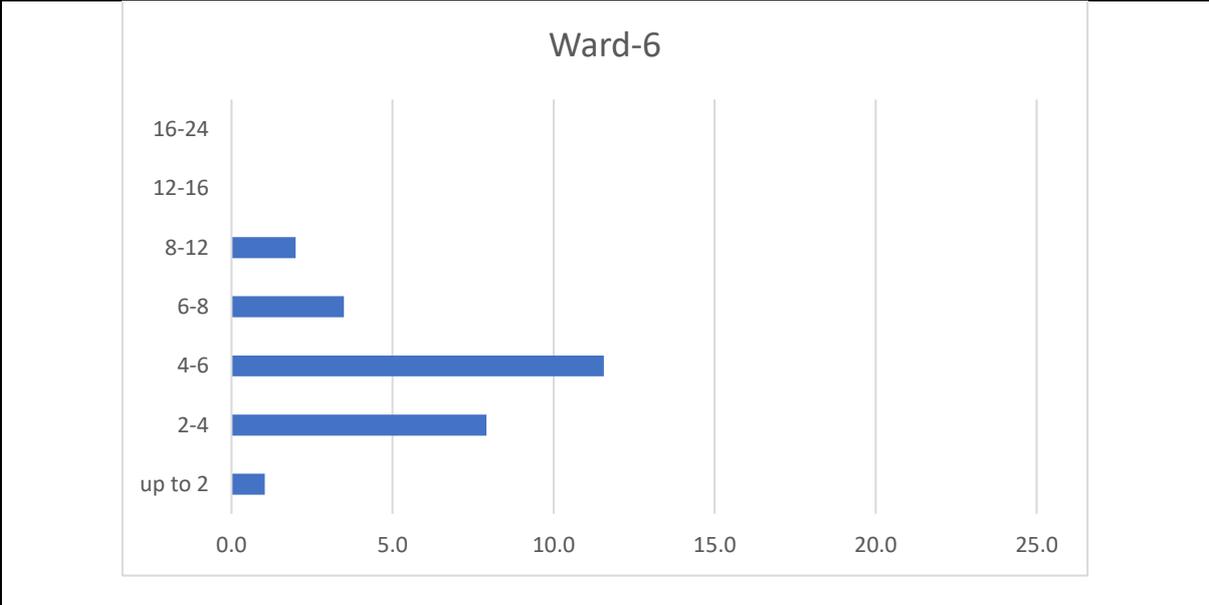
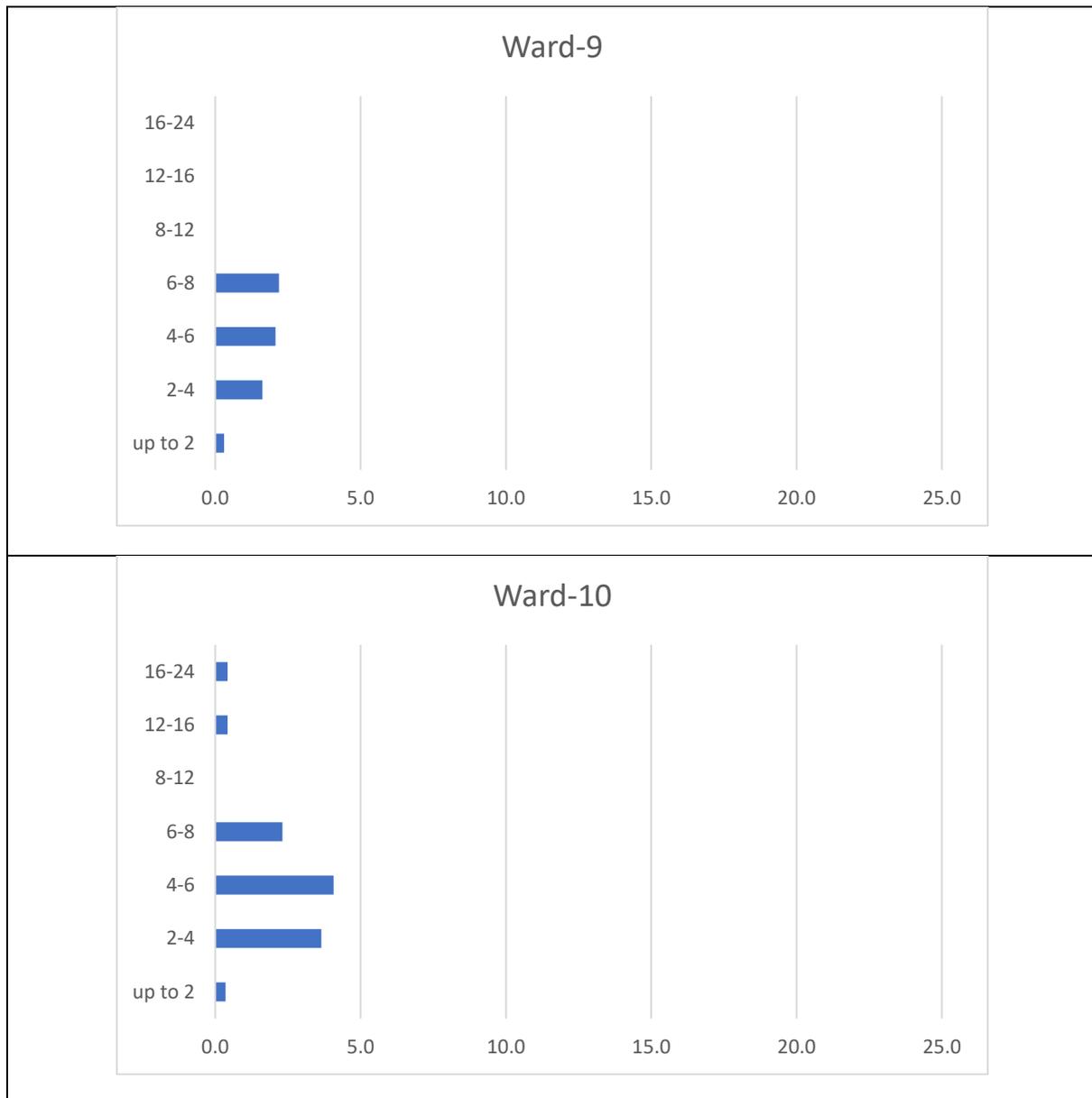


Figure 9 Ward wise Road Distribution by its width









9. Conclusion

According to the road inventory report, the total road length within Nagarjun municipality is approximately 217.1 kilometres. The majority of roads in the municipality are black-topped, accounting for 33%, and the majority of roads are in the 4-6m category, accounting for 42%. The report goes into detail about how roads are distributed based on their surface and width. The ward wise road inventory database was created based on the inventory survey conducted between 2079/01/01 and 2079/01/30. The database must be updated on a regular basis.

Annexes

9.1. Road Classification by Surface Type in Nagarjun Municipality

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
1	1		0.36	-	0.31	0.04	-	-	-
2	2		0.30	0.30	-	-	-	-	-
3	3		0.27	-	-	0.26	-	-	0.01
4	4		0.03	-	-	0.03	-	-	-
5	5		0.49	0.06	-	0.16	0.27	-	-
6	6		0.22	0.03	-	0.18	-	-	-
7	7	Army Medical-Radha Krishna Road	1.11	0.06	-	0.94	0.10	-	-
8	8		0.53	-	-	-	0.53	-	-
9	9		0.15	-	-	-	0.15	-	-
10	10		0.23	0.06	-	-	0.16	-	-
11	11		0.05	-	-	0.05	-	-	-
12	12		0.16	-	-	-	0.16	-	-
13	13		0.20	-	-	-	0.20	-	-
14	14	Namgel chowk-Tinghare Road	0.79	0.08	-	0.70	-	-	-
15	15		0.28	-	-	0.07	0.21	-	-
16	16	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	1.59	0.35	-	0.79	0.45	-	-
17	17		0.23	-	-	-	0.23	-	-
18	18		0.44	-	-	-	0.44	-	-
19	19		0.15	-	-	-	0.15	-	-
20	20		0.16	-	-	-	0.16	-	-
21	21		0.10	-	-	-	-	0.10	-
22	22		0.13	-	-	-	0.13	-	-
23	23		0.55	-	-	0.31	0.23	-	-
24	24		0.05	-	-	-	0.05	-	-
25	25		0.53	-	-	-	0.53	-	-
26	27		0.42	-	-	0.42	-	-	-
27	28		0.06	0.02	-	-	-	0.04	-
28	29		0.22	-	-	0.02	0.20	-	-
29	30		0.20	-	-	-	0.20	-	-
30	31		0.12	-	-	-	0.12	-	-
31	32		0.35	-	-	-	0.35	-	-
32	33		0.13	-	-	-	0.13	-	-
33	34		0.13	-	-	-	0.13	-	-
34	35		0.15	-	-	-	0.15	-	-
35	36	Sano Bharyang-Ward office Road	1.41	0.09	-	0.70	0.62	-	-
36	37		0.10	-	-	-	0.10	-	-
37	38		0.09	-	-	-	0.09	-	-
38	39		0.29	-	-	-	0.29	-	-
39	40		0.26	-	-	-	0.26	-	-
40	41		0.21	-	-	0.10	0.11	-	-
41	42		0.20	0.20	-	-	-	-	-
42	43		0.25	-	-	-	0.25	-	-
43	44		0.48	-	-	0.39	0.09	-	-
44	45		0.11	-	-	0.11	-	-	-
45	46		0.12	-	-	0.12	-	-	-
46	47		0.12	-	-	-	0.12	-	-
47	48		0.08	-	-	-	0.08	-	-
48	50		0.10	-	-	-	-	-	0.10
49	51		0.16	-	-	0.09	0.07	-	-
50	52		0.49	0.06	-	0.30	0.13	-	-
51	53		0.94	-	-	0.94	-	-	-
52	54		0.26	-	-	0.11	0.15	-	-
53	55		0.13	-	-	-	0.13	-	-
54	56		0.10	-	-	-	0.10	-	-
55	57		0.29	-	-	-	0.29	-	-
56	58		0.15	-	-	-	-	0.15	-
57	59		0.30	0.18	-	-	0.03	0.09	-
58	60		0.32	-	-	0.25	0.06	-	-
59	61		0.11	-	-	0.11	-	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
60	62		0.25	-	-	0.25	-	-	-
61	64		0.29	0.13	-	0.16	-	-	-
62	65		0.19	-	-	0.01	0.18	-	-
63	67		0.74	0.01	-	0.72	-	-	-
64	68		0.15	-	-	-	0.15	-	-
65	69		0.03	-	-	-	0.03	-	-
66	70		0.04	-	-	-	0.04	-	-
67	72		0.04	-	-	0.04	-	-	-
68	73		0.16	-	-	0.16	-	-	-
69	74		0.07	-	-	-	0.07	-	-
70	75		0.13	-	-	-	0.13	-	-
71	76		0.04	-	-	-	0.04	-	-
72	77		0.06	-	-	-	0.06	-	-
73	78		0.07	-	-	-	0.07	-	-
74	79		0.27	-	-	0.27	-	-	-
75	80		0.13	-	-	-	0.13	-	-
76	81		0.16	-	-	0.09	0.08	-	-
77	82		0.27	-	-	0.27	-	-	-
78	83		0.22	-	-	0.22	-	-	-
79	84		0.13	-	-	0.13	-	-	-
80	85		0.07	-	-	0.07	-	-	-
81	86		0.14	-	-	0.11	0.03	-	-
82	87		0.08	-	-	0.08	-	-	-
83	88		0.34	-	-	0.27	0.06	-	-
84	89		0.31	0.07	-	0.24	-	-	-
85	90		0.15	-	-	0.15	-	-	-
86	91		0.15	0.06	-	0.06	0.04	-	-
87	92		0.35	-	-	0.22	0.13	-	-
88	93		0.08	-	-	0.08	-	-	-
89	94		0.60	-	-	0.42	0.18	-	-
90	96		0.16	-	-	-	0.16	-	-
91	97		0.14	-	-	-	0.14	-	-
92	98	Dhunge dhara-Radha krishna Mandir-Raniban Road	1.93	-	0.09	1.81	0.03	-	-
93	99		0.17	-	-	-	0.17	-	-
94	101		0.43	-	-	0.41	0.02	-	-
95	102		0.15	-	-	0.15	-	-	-
96	103		0.08	-	-	0.08	-	-	-
97	104		0.16	0.16	-	-	-	-	-
98	105		0.03	-	-	0.03	-	-	-
99	106		0.21	0.05	-	0.16	-	-	-
100	107		0.43	0.11	-	0.18	0.14	-	-
101	108		0.39	-	-	0.39	-	-	-
102	109		0.23	-	-	0.09	0.14	-	-
103	110		0.10	-	-	0.10	-	-	-
104	111		0.12	-	-	0.12	-	-	-
105	112		0.13	-	-	0.13	-	-	-
106	113		0.03	-	-	-	-	-	0.03
107	114		0.13	-	-	-	0.13	-	-
108	115		0.15	-	-	0.15	-	-	-
109	116		0.06	-	-	0.06	-	-	-
110	117		0.14	-	-	0.14	-	-	-
111	118		0.07	-	-	0.07	-	-	-
112	119		0.30	-	-	0.27	0.03	-	-
113	120		0.04	-	-	0.04	-	-	-
114	121		0.07	-	-	0.07	-	-	-
115	122		0.10	-	-	0.08	0.03	-	-
116	123		0.12	-	-	0.12	-	-	-
117	130		1.34	0.39	-	0.78	0.17	-	-
118	133		1.18	0.04	-	0.82	0.32	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
119	134		0.21	-	-	0.21	-	-	-
120	135		0.10	-	-	0.10	-	-	-
121	136		0.14	-	-	0.11	0.03	-	-
122	137		0.08	-	-	0.08	-	-	-
123	138		0.13	-	-	0.13	-	-	-
124	139		0.13	-	-	0.13	-	-	-
125	140		0.13	-	-	0.13	-	-	-
126	142		0.77	0.02	-	0.68	0.07	-	-
127	143		0.15	-	-	0.15	-	-	-
128	144		0.25	-	-	0.25	-	-	-
129	145		0.14	-	-	0.14	-	-	-
130	146		0.24	-	-	0.24	-	-	-
131	147		0.05	-	-	0.05	-	-	-
132	148		0.88	-	-	0.65	0.23	-	-
133	149		0.05	-	-	0.05	-	-	-
134	150		0.06	-	-	0.06	-	-	-
135	151		0.71	-	-	0.49	0.22	-	-
136	152		0.11	-	-	0.11	-	-	-
137	153		0.07	-	-	0.07	-	-	-
138	154		0.07	-	-	0.07	-	-	-
139	155		0.10	-	-	0.10	-	-	-
140	156		0.15	-	-	0.15	-	-	-
141	157		0.12	-	-	0.12	-	-	-
142	158		0.10	-	-	0.10	-	-	-
143	160		0.09	-	-	0.04	0.04	-	-
144	161		0.12	-	-	0.12	-	-	-
145	162		0.05	-	-	0.05	-	-	-
146	163		0.10	-	-	0.10	-	-	-
147	164		0.17	-	-	-	0.17	-	-
148	165		0.08	-	-	-	0.08	-	-
149	166		0.10	0.10	-	-	-	-	-
150	167		0.13	0.13	-	-	-	-	-
151	168	Microstand-Balbikash-Tindhara Road	1.33	-	-	0.49	0.84	-	-
152	169		0.09	-	-	-	0.09	-	-
153	170		0.09	-	-	-	0.09	-	-
154	171		0.30	-	-	-	0.30	-	-
155	172		0.18	-	-	-	0.18	-	-
156	173		0.04	0.04	-	-	-	-	-
157	175		1.24	0.23	-	-	1.01	-	-
158	176		0.09	-	-	-	0.09	-	-
159	177		0.16	0.11	-	-	0.04	-	-
160	200	Thulo Bharyang-Gairigaun Road	1.52	0.26	-	0.78	0.48	-	-
161	201		0.17	-	-	-	0.17	-	-
162	202		0.11	-	-	-	0.11	-	-
163	203		0.12	0.11	-	-	0.01	-	-
164	204		0.11	0.03	-	-	0.08	-	-
165	205		0.23	0.03	-	0.17	0.02	-	-
166	206	Swyambhu-Panchdhara-Buddha Chowk Road	0.68	-	-	0.26	0.42	-	-
167	207		0.12	-	-	0.04	0.08	-	-
168	208		0.64	-	-	-	0.64	-	-
169	210		0.06	-	-	-	0.06	-	-
170	211		0.11	-	-	-	0.11	-	-
171	212		0.93	0.03	-	0.55	0.34	-	-
172	400	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	3.76	0.50	1.28	1.04	0.95	-	-
173	401		0.04	0.02	-	-	0.02	-	-
174	402		1.14	0.12	-	-	1.03	-	-
175	403		0.34	0.17	-	-	0.18	-	-
176	404		0.12	0.03	-	-	0.09	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
177	405		0.27	0.07	-	-	0.20	-	-
178	406		0.29	-	-	0.07	0.23	-	-
179	407		0.22	-	-	-	0.22	-	-
180	408		0.20	0.04	-	-	0.16	-	-
181	409		0.20	-	-	0.10	0.09	-	-
182	411		0.47	-	-	-	0.47	-	-
183	412		0.36	0.09	-	-	0.27	-	-
184	413		0.16	0.08	-	-	0.08	-	-
185	414		0.57	0.35	-	-	0.22	-	-
186	415		0.11	0.11	-	-	-	-	-
187	416		0.46	0.14	-	-	0.33	-	-
188	417		0.09	0.07	-	-	0.02	-	-
189	418		0.06	0.02	-	-	0.04	-	-
190	419		0.16	0.16	-	-	-	-	-
191	420	Ichangu Mandir-Chisapani Danda Road	1.26	0.80	-	-	0.46	-	-
192	500	Karkhana Chowk-Sitapaila Mandir Road	1.21	-	0.03	1.15	0.04	-	-
193	501		0.57	0.01	-	0.53	0.03	-	-
194	502		0.10	-	-	0.05	0.05	-	-
195	503		0.06	-	-	-	0.06	-	-
196	504		0.22	-	-	0.08	0.14	-	-
197	505		0.06	-	-	-	0.06	-	-
198	506		0.07	-	-	-	-	0.07	-
199	508		0.11	-	-	0.11	-	-	-
200	509		0.24	-	-	0.15	0.09	-	-
201	510		0.16	0.07	-	-	-	0.09	-
202	511		0.11	-	-	-	0.11	-	-
203	512		0.06	-	-	-	-	0.06	-
204	513	Kalimati - Sitapaila - Bhimdhunga - Dharke	9.67	4.87	0.28	4.38	0.14	-	-
205	514		0.11	-	-	-	0.06	0.05	-
206	515		0.56	0.04	-	0.52	-	-	-
207	516		0.23	-	-	-	0.10	0.13	-
208	517		0.38	-	-	0.15	0.22	-	-
209	518		0.07	-	-	0.03	0.04	-	-
210	519		0.20	-	-	-	0.20	-	-
211	520		0.38	-	-	-	0.38	-	-
212	521		0.04	0.04	-	-	-	-	-
213	522		0.14	-	-	0.03	0.10	-	-
214	523		0.14	-	-	0.11	0.03	-	-
215	524		0.36	-	-	-	0.36	-	-
216	525		0.05	-	-	-	0.05	-	-
217	526	Sales berry-Sitaram School Road	3.24	-	0.64	2.47	0.13	-	-
218	529		0.21	-	-	0.02	0.12	0.06	-
219	530		0.22	-	-	-	0.11	-	0.12
220	531		0.18	-	-	-	0.18	-	-
221	532		0.46	-	-	0.13	0.33	-	-
222	533		0.23	-	-	-	0.13	0.10	-
223	534		0.13	-	-	-	0.10	-	0.03
224	535		0.09	-	-	-	0.06	-	0.03
225	536		0.59	-	-	-	0.59	-	-
226	537		0.13	-	-	-	0.13	-	-
227	538		0.41	0.10	-	-	0.12	-	0.19
228	539		0.07	-	-	-	0.07	-	-
229	540		0.47	0.27	-	-	0.21	-	-
230	541		0.45	0.45	-	-	-	-	-
231	542	Soltidobato-Mahankal Road	3.71	0.25	1.85	1.40	0.21	-	-
232	543		0.09	-	-	-	0.09	-	-
233	544		0.23	-	-	0.23	-	-	-
234	545		0.06	0.06	-	-	-	-	-
235	546		0.05	-	-	0.05	-	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
236	547		0.66	0.15	-	0.51	-	-	-
237	548		0.13	-	-	0.03	0.10	-	-
238	549		0.05	-	-	0.05	-	-	-
239	550		0.67	-	0.03	0.61	0.03	-	-
240	551		0.09	-	-	-	0.09	-	-
241	552		0.24	-	-	0.18	0.07	-	-
242	553		0.10	-	-	0.06	-	-	0.03
243	554		0.11	-	0.04	-	0.06	-	-
244	555		0.37	0.02	-	0.06	0.18	-	0.12
245	556		0.26	-	-	-	0.26	-	-
246	557		0.38	0.05	-	-	0.10	-	0.24
247	558		0.07	-	-	-	0.07	-	-
248	559		0.06	-	-	-	-	-	0.06
249	560		0.08	-	-	-	-	-	0.08
250	561		0.15	0.02	-	-	0.13	-	-
251	562		5.26	-	1.60	3.67	-	-	-
252	563		0.17	-	-	0.04	-	-	0.14
253	564		0.10	-	-	-	-	-	0.10
254	565		0.24	0.09	-	-	-	-	0.15
255	566		0.06	-	-	-	0.06	-	-
256	567		0.12	-	-	0.12	-	-	-
257	568		0.27	-	-	0.27	-	-	-
258	1001		0.38	-	-	-	0.38	-	-
259	1002		0.29	-	-	-	0.29	-	-
260	1003		1.08	-	-	0.65	0.42	-	-
261	1004		0.49	-	0.09	-	0.40	-	-
262	1005		0.08	-	-	0.08	-	-	-
263	1006		0.07	-	-	-	0.07	-	-
264	1007		0.15	-	-	-	0.15	-	-
265	1008		0.20	-	-	-	0.20	-	-
266	1009		0.10	-	-	0.10	-	-	-
267	1010		0.13	-	-	0.13	-	-	-
268	1011		0.27	-	-	-	0.27	-	-
269	1012		0.40	-	0.10	0.21	0.10	-	-
270	1013		0.67	-	-	0.67	-	-	-
271	1014		0.22	-	-	-	-	0.22	-
272	1015		0.28	-	-	0.28	-	-	-
273	1016		0.13	-	-	-	0.13	-	-
274	1017		0.44	-	-	0.44	-	-	-
275	1018		0.13	-	-	0.11	0.02	-	-
276	1019		0.60	-	-	0.60	-	-	-
277	1020		0.12	-	0.12	-	-	-	-
278	1021		0.39	-	-	0.39	-	-	-
279	5001		1.40	0.20	-	-	1.19	-	-
280	5002		0.30	-	-	-	0.30	-	-
281	5003		0.40	-	-	-	0.40	-	-
282	5004		0.20	-	-	-	0.20	-	-
283	5005		0.18	-	-	-	0.18	-	-
284	5006		0.27	0.08	0.11	-	0.09	-	-
285	5007		0.62	0.19	-	-	0.42	-	-
286	5008		1.04	0.20	-	-	0.84	-	-
287	5009		0.27	-	-	-	0.27	-	-
288	5010		1.35	-	-	-	1.35	-	-
289	5011		0.39	0.26	0.09	-	0.04	-	-
290	5012		0.21	-	-	-	0.21	-	-
291	5013		0.34	-	-	0.14	0.20	-	-
292	5014		0.24	-	-	0.24	-	-	-
293	5016		0.55	-	0.06	0.16	0.34	-	-
294	5017		0.67	-	0.28	-	0.39	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
295	5019	Sitapaila-Ichangu Road	1.37	0.69	-	0.68	-	-	-
296	5020		0.42	-	-	-	0.42	-	-
297	5022		0.23	-	0.23	-	-	-	-
298	5023		0.15	0.15	-	-	-	-	-
299	5024		0.30	0.30	-	-	-	-	-
300	5025		0.61	-	-	-	0.61	-	-
301	5045		0.19	-	-	0.19	-	-	-
302	5046		0.05	-	-	0.05	-	-	-
303	5047		0.07	-	-	0.07	-	-	-
304	5048		0.08	-	-	0.08	-	-	-
305	5090		0.20	-	0.03	0.10	-	-	0.07
306	5091		0.07	0.07	-	-	-	-	-
307	5092		0.29	-	-	-	0.29	-	-
308	5093		0.39	-	0.25	0.13	-	-	-
309	5094		0.18	-	0.14	0.03	-	-	-
310	5096		0.50	-	-	-	0.50	-	-
311	5097		0.26	-	0.12	-	0.14	-	-
312	5510		0.27	-	-	0.27	-	-	-
313	5511		0.18	-	-	0.18	-	-	-
314	5512		0.15	-	-	0.15	-	-	-
315	5513		0.26	-	0.10	0.16	-	-	-
316	5514		0.29	-	0.29	-	-	-	-
317	5515		0.24	-	-	0.24	-	-	-
318	5516		0.14	-	-	0.14	-	-	-
319	5517		0.21	-	-	0.21	-	-	-
320	5555		0.25	-	-	-	0.25	-	-
321	5556		0.03	-	-	-	0.03	-	-
322	5557		0.29	-	-	-	0.29	-	-
323	5558		0.58	-	-	-	0.58	-	-
324	5559		0.20	-	-	-	0.20	-	-
325	6002		0.35	-	0.09	-	0.27	-	-
326	6003		0.10	-	0.07	-	0.03	-	-
327	6004		0.54	0.42	-	-	0.13	-	-
328	6005	Ghattetar-Hasantar-Road	1.27	-	1.24	-	0.03	-	-
329	6006		0.71	-	0.58	-	0.12	-	-
330	6007		0.30	0.30	-	-	-	-	-
331	6008		0.09	0.09	-	-	-	-	-
332	6015		0.47	0.47	-	-	-	-	-
333	6016		0.67	0.67	-	-	-	-	-
334	6017		0.45	-	0.45	-	-	-	-
335	6018		0.40	-	0.19	-	0.21	-	-
336	6019		0.17	-	-	-	0.17	-	-
337	6023		0.60	0.60	-	-	-	-	-
338	6024	Hamy Chautara-Ghattekhola Road	1.04	0.83	-	-	0.21	-	-
339	6025		0.38	-	0.38	-	-	-	-
340	6026		0.46	-	0.11	-	0.34	-	-
341	6027		0.28	-	0.28	-	-	-	-
342	6028		0.22	-	0.22	-	-	-	-
343	6029		0.58	-	0.58	-	-	-	-
344	6030		0.49	-	0.35	-	0.15	-	-
345	6031	Ghadipasal-Purigaun Road	0.68	-	0.16	-	0.53	-	-
346	6032	Ramkot-Barbot Road	1.13	0.20	0.12	-	0.81	-	-
347	6033		0.40	-	0.40	-	-	-	-
348	6034		0.69	-	0.69	-	-	-	-
349	6035	Aadeshwor-Whitegumba-Nayagaun Road	3.77	0.12	1.53	1.94	0.18	-	-
350	6036		0.44	0.32	-	-	0.12	-	-
351	6070		0.38	-	0.17	-	0.21	-	-
352	6080		0.62	0.11	0.51	-	-	-	-
353	6081		0.27	-	0.27	-	-	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
354	6082		0.16	-	0.16	-	-	-	-
355	6083		0.50	-	0.39	-	0.11	-	-
356	6090		0.21	-	0.21	-	-	-	-
357	6091		0.13	-	0.13	-	-	-	-
358	6092		0.20	-	0.20	-	-	-	-
359	7001		0.80	-	0.09	-	0.71	-	-
360	7002		0.05	-	0.05	-	-	-	-
361	7003		1.60	1.60	-	-	-	-	-
362	7004		0.39	-	-	-	0.39	-	-
363	7005		0.28	-	0.28	-	-	-	-
364	7006		0.07	-	-	-	0.07	-	-
365	7007		0.17	-	-	0.07	0.09	-	-
366	7008	Panchakanya School-Naikap Road	0.35	-	-	0.35	-	-	-
367	7009		0.50	0.50	-	-	-	-	-
368	7010		0.82	0.71	-	-	0.10	-	-
369	7011		0.62	-	-	0.62	-	-	-
370	7012		0.24	0.24	-	-	-	-	-
371	7013		0.88	0.88	-	-	-	-	-
372	7014		0.65	0.65	-	-	-	-	-
373	7015		0.38	0.23	0.15	-	-	-	-
374	7016		0.12	-	0.12	-	-	-	-
375	7017		0.12	0.12	-	-	-	-	-
376	7018		0.78	-	-	0.78	-	-	-
377	7019	Mahankal-Godam Chowk Road	1.90	-	0.14	0.46	1.31	-	-
378	7020		0.37	-	0.37	-	-	-	-
379	7021		0.92	0.36	-	-	0.56	-	-
380	7022		0.66	-	-	-	0.66	-	-
381	7023		0.40	0.40	-	-	-	-	-
382	7024		0.23	-	-	-	0.23	-	-
383	7025		0.39	-	-	-	0.39	-	-
384	7030	Tarapunja-Sotigaun Road	0.52	0.04	-	-	0.48	-	-
385	7096		0.45	-	-	-	0.45	-	-
386	8001		1.02	0.26	-	-	0.75	-	-
387	8002		0.34	0.34	-	-	-	-	-
388	8003	Fasku-Ghattekhola-Nursery Bhanjyang Road	5.39	0.37	0.05	4.97	-	-	-
389	8004		0.74	-	-	-	0.74	-	-
390	8005	Ghatte khola-Bhirkot-Thaple Road	3.29	-	3.11	-	0.18	-	-
391	8006		0.46	0.38	-	-	0.09	-	-
392	8007	Bhimdhunga-Switzerland Park Road	2.24	1.30	-	0.94	-	-	-
393	8008	Bhim Dhunga Buspark-Thaple Road	2.75	-	2.01	-	0.74	-	-
394	8009		0.29	0.29	-	-	-	-	-
395	8010		0.76	0.76	-	-	-	-	-
396	8011		0.38	0.38	-	-	-	-	-
397	8012	Nursery-Majhuwa-Chisapani Road	1.15	1.15	-	-	-	-	-
398	8013		0.25	-	-	-	0.25	-	-
399	8014	Khadkagaun-Kapur-Pakhure Road	4.05	-	4.05	-	-	-	-
400	8015		0.34	0.34	-	-	-	-	-
401	8017		0.46	0.46	-	-	-	-	-
402	8018		0.67	0.67	-	-	-	-	-
403	8019		0.05	-	0.05	-	-	-	-
404	8020		0.46	0.22	-	-	0.25	-	-
405	8022		0.17	0.17	-	-	-	-	-
406	8099		0.66	0.66	-	-	-	-	-
407	9001	Ward office-Healthpost Road	0.98	-	-	0.98	-	-	-
408	9002		0.65	-	-	0.65	-	-	-
409	9003		0.56	-	-	0.56	-	-	-
410	9004		0.56	-	-	0.56	-	-	-
411	9005		0.45	-	-	0.45	-	-	-
412	9006		0.35	-	0.14	0.21	-	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
413	9007		0.31	0.31	-	-	-	-	-
414	9008		0.19	-	-	0.19	-	-	-
415	9009	Syuchatar-Hasantar-Nursery Bhanjyang Road	6.74	2.41	-	4.32	0.01	-	-
416	9010		0.31	-	0.31	-	-	-	-
417	10001	Universal Dental-Ukalo Road	0.50	-	-	0.28	0.22	-	-
418	10002		0.09	-	-	0.09	-	-	-
419	10003		0.46	-	-	0.46	-	-	-
420	10004		0.44	-	-	0.44	-	-	-
421	10005		0.19	-	-	0.19	-	-	-
422	10006		0.43	0.43	-	-	-	-	-
423	10007		0.06	0.06	-	-	-	-	-
424	10008		0.10	0.10	-	-	-	-	-
425	10009		0.05	0.05	-	-	-	-	-
426	10010		0.03	0.03	-	-	-	-	-
427	10011		0.02	0.02	-	-	-	-	-
428	10012		0.06	0.06	-	-	-	-	-
429	10013		0.07	0.07	-	-	-	-	-
430	10014		0.02	0.02	-	-	-	-	-
431	10015		0.02	0.02	-	-	-	-	-
432	10016		0.18	0.18	-	-	-	-	-
433	10017		0.10	0.10	-	-	-	-	-
434	10018		0.19	0.19	-	-	-	-	-
435	10019		0.05	0.05	-	-	-	-	-
436	10020		0.06	0.06	-	-	-	-	-
437	10021		0.08	0.08	-	-	-	-	-
438	10022		0.27	0.27	-	-	-	-	-
439	10023		0.03	0.03	-	-	-	-	-
440	10024		0.12	0.12	-	-	-	-	-
441	10025		0.31	-	-	0.31	-	-	-
442	10026		0.13	0.13	-	-	-	-	-
443	10027		0.13	0.13	-	-	-	-	-
444	10028		0.31	0.31	-	-	-	-	-
445	10029		0.04	0.04	-	-	-	-	-
446	10040		0.23	0.23	-	-	-	-	-
447	10041		0.08	0.08	-	-	-	-	-
448	10042		0.26	0.26	-	-	-	-	-
449	10043		0.04	0.04	-	-	-	-	-
450	10044		0.03	0.03	-	-	-	-	-
451	10045		0.09	0.09	-	-	-	-	-
452	10046		0.41	0.41	-	-	-	-	-
453	10047		0.25	0.25	-	-	-	-	-
454	10048		0.21	0.21	-	-	-	-	-
455	10049		0.16	0.16	-	-	-	-	-
456	10050		0.40	0.40	-	-	-	-	-
457	10051		0.07	0.07	-	-	-	-	-
458	10052		0.08	0.08	-	-	-	-	-
459	10053		0.07	0.07	-	-	-	-	-
460	10054		0.71	-	-	0.71	-	-	-
461	10055		0.07	0.07	-	-	-	-	-
462	10056		0.04	0.04	-	-	-	-	-
463	10057		0.11	-	-	0.11	-	-	-
464	10058		0.22	-	-	0.22	-	-	-
465	10059		0.05	0.05	-	-	-	-	-
466	10060		0.07	0.07	-	-	-	-	-
467	10061		0.05	0.05	-	-	-	-	-
468	10062		0.10	0.10	-	-	-	-	-
469	10063		0.04	0.04	-	-	-	-	-
470	10064		0.17	0.17	-	-	-	-	-
471	10065		0.05	0.05	-	-	-	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
472	10066		0.24	0.24	-	-	-	-	-
473	10067		0.11	0.11	-	-	-	-	-
474	10068		0.43	0.43	-	-	-	-	-
475	10069		0.07	0.07	-	-	-	-	-
476	10070		0.07	-	-	0.07	-	-	-
477	10071		0.10	-	-	0.10	-	-	-
478	10072		0.08	-	-	0.08	-	-	-
479	10073		0.06	-	-	0.06	-	-	-
480	10074		0.09	-	-	0.09	-	-	-
481	10075		0.04	-	-	0.04	-	-	-
482	10076		0.20	0.20	-	-	-	-	-
483	10077		0.07	0.07	-	-	-	-	-
484	10078		0.14	0.14	-	-	-	-	-
485	10079		0.18	0.18	-	-	-	-	-
486	10080		0.13	0.13	-	-	-	-	-
487	10081		0.14	0.14	-	-	-	-	-
488	10082		0.02	0.02	-	-	-	-	-
489	10083		0.04	0.04	-	-	-	-	-
490	10084		0.15	0.15	-	-	-	-	-
491	10085		0.11	0.11	-	-	-	-	-
492	10086		0.15	-	-	0.15	-	-	-
493	10087		0.33	0.33	-	-	-	-	-
494	10088		0.06	-	-	0.06	-	-	-
495	10089		0.23	0.23	-	-	-	-	-
496	10090		0.18	0.18	-	-	-	-	-
497	10091		0.03	0.03	-	-	-	-	-
498	10092		0.04	0.04	-	-	-	-	-
499	10093		0.05	0.05	-	-	-	-	-
500	10094		0.14	0.14	-	-	-	-	-
501	10095		0.15	0.15	-	-	-	-	-
502	10096		0.14	0.14	-	-	-	-	-
503	10097		0.06	0.06	-	-	-	-	-
504	10098		0.09	0.09	-	-	-	-	-
505	10099		0.12	0.12	-	-	-	-	-
506	10100		0.06	0.06	-	-	-	-	-
507	10101		0.08	0.08	-	-	-	-	-
508	10102		0.03	0.03	-	-	-	-	-
509	10103		0.06	0.06	-	-	-	-	-
510	10104		0.12	0.12	-	-	-	-	-
511	10105		0.12	0.12	-	-	-	-	-
512	10106		0.10	0.10	-	-	-	-	-
513	10107		0.08	0.08	-	-	-	-	-
514	10108		0.12	0.12	-	-	-	-	-
515	10109		0.03	0.03	-	-	-	-	-
516	10110		0.10	0.10	-	-	-	-	-
517	10111		0.10	0.10	-	-	-	-	-
518	10112		0.16	0.16	-	-	-	-	-
519	10113		0.26	0.26	-	-	-	-	-
520	10114		0.03	0.03	-	-	-	-	-
521	10115		0.05	0.05	-	-	-	-	-
522	10116		0.10	0.10	-	-	-	-	-
523	10117		0.03	-	-	0.03	-	-	-
524	10118		0.06	-	-	0.06	-	-	-
525	10119		0.04	-	-	0.04	-	-	-
526	10120		0.38	0.38	-	-	-	-	-
527	10121		0.16	0.16	-	-	-	-	-
528	10122		0.06	0.06	-	-	-	-	-
529	10123		0.03	0.03	-	-	-	-	-
530	10124		0.04	-	-	0.04	-	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
531	10126		0.14	0.14	-	-	-	-	-
532	10127		0.05	0.05	-	-	-	-	-
533	10128		0.11	0.11	-	-	-	-	-
534	10129		0.02	0.02	-	-	-	-	-
535	10130		0.04	0.04	-	-	-	-	-
536	10131		0.29	0.29	-	-	-	-	-
537	10132		0.24	0.24	-	-	-	-	-
538	10133		0.11	0.11	-	-	-	-	-
539	10134		0.12	0.12	-	-	-	-	-
540	10135		0.10	0.10	-	-	-	-	-
541	10136		0.07	0.07	-	-	-	-	-
542	10137		0.13	0.13	-	-	-	-	-
543	10138		0.03	0.03	-	-	-	-	-
544	10139		0.02	0.02	-	-	-	-	-
545	10140		0.06	0.06	-	-	-	-	-
546	10141		0.13	0.13	-	-	-	-	-
547	10142		0.16	0.16	-	-	-	-	-
548	10143		0.06	0.06	-	-	-	-	-
549	10144		0.09	0.09	-	-	-	-	-
550	10145		0.09	0.09	-	-	-	-	-
551	10146		0.10	0.10	-	-	-	-	-
552	10148		0.03	0.03	-	-	-	-	-
553	10149		0.09	0.09	-	-	-	-	-
554	10150		0.08	0.08	-	-	-	-	-
555	10151		0.07	0.07	-	-	-	-	-
556	10152		0.09	0.09	-	-	-	-	-
557	10153		0.08	0.08	-	-	-	-	-
558	10154		0.03	-	-	0.03	-	-	-
559	10155		0.03	-	-	0.03	-	-	-
560	10156		0.11	-	-	0.11	-	-	-
561	10157		0.03	-	-	0.03	-	-	-
562	10158		0.07	-	-	0.07	-	-	-
563	10159		0.07	-	-	0.07	-	-	-
564	10160		0.04	0.04	-	-	-	-	-
565	10161		0.03	-	-	0.03	-	-	-
566	10162		0.07	-	-	0.07	-	-	-
567	10163		0.21	0.21	-	-	-	-	-
568	10164		0.08	0.08	-	-	-	-	-
569	10165		0.05	0.05	-	-	-	-	-
570	10166		0.23	0.23	-	-	-	-	-
571	10167		0.04	0.04	-	-	-	-	-
572	10168		0.10	0.10	-	-	-	-	-
573	10169		0.09	0.09	-	-	-	-	-
574	10170		0.19	0.19	-	-	-	-	-
575	10171		0.09	0.09	-	-	-	-	-
576	10172		0.08	0.08	-	-	-	-	-
577	10173		0.05	0.05	-	-	-	-	-
578	10174		0.09	0.09	-	-	-	-	-
579	10175		0.10	0.10	-	-	-	-	-
580	10176		0.16	0.16	-	-	-	-	-
581	10177		0.07	0.07	-	-	-	-	-
582	10178		0.04	0.04	-	-	-	-	-
583	10179		0.08	0.08	-	-	-	-	-
584	10180		0.04	0.04	-	-	-	-	-
585	10181		0.06	0.06	-	-	-	-	-
586	10182		0.05	0.05	-	-	-	-	-
587	10183		0.09	0.09	-	-	-	-	-
588	10184		0.08	0.08	-	-	-	-	-
589	10185		0.05	0.05	-	-	-	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
590	10186		0.16	0.16	-	-	-	-	-
591	10187		0.26	0.26	-	-	-	-	-
592	10188		0.21	0.21	-	-	-	-	-
593	10189		0.22	0.22	-	-	-	-	-
594	10190		0.36	0.36	-	-	-	-	-
595	10191		0.14	0.14	-	-	-	-	-
596	10192		0.99	0.99	-	-	-	-	-
597	10193		0.11	0.11	-	-	-	-	-
598	10194		0.09	0.09	-	-	-	-	-
599	10195		0.53	0.53	-	-	-	-	-
600	10196		0.19	0.19	-	-	-	-	-
601	10197		0.34	0.34	-	-	-	-	-
602	10198		0.04	0.04	-	-	-	-	-
603	10199		0.03	-	-	0.03	-	-	-
604	10200		0.03	-	-	0.03	-	-	-
605	10201		0.04	0.04	-	-	-	-	-
606	10202		0.03	0.03	-	-	-	-	-
607	10203		0.12	0.12	-	-	-	-	-
608	10212		0.43	0.43	-	-	-	-	-
609	10213		0.10	0.10	-	-	-	-	-
610	10214		0.09	0.09	-	-	-	-	-
611	10215		0.08	0.08	-	-	-	-	-
612	10216		0.07	0.07	-	-	-	-	-
613	10217		0.08	0.08	-	-	-	-	-
614	10218		0.21	0.21	-	-	-	-	-
615	10219		0.06	0.06	-	-	-	-	-
616	10220		0.03	0.03	-	-	-	-	-
617	10221		0.12	0.12	-	-	-	-	-
618	10222		0.02	0.02	-	-	-	-	-
619	10223		0.08	0.08	-	-	-	-	-
620	10224		0.06	0.06	-	-	-	-	-
621	10225		0.11	0.11	-	-	-	-	-
622	10226		0.09	0.09	-	-	-	-	-
623	10227		0.24	0.24	-	-	-	-	-
624	10228		0.04	0.04	-	-	-	-	-
625	10229		0.20	0.20	-	-	-	-	-
626	10230		0.04	0.04	-	-	-	-	-
627	10231		0.04	0.04	-	-	-	-	-
628	10232		0.12	0.12	-	-	-	-	-
629	10233		0.07	0.07	-	-	-	-	-
630	10235		0.22	0.22	-	-	-	-	-
631	10236		0.20	0.20	-	-	-	-	-
632	10237		0.06	0.06	-	-	-	-	-
633	10238		0.10	0.10	-	-	-	-	-
634	10239		0.04	0.04	-	-	-	-	-
635	10240		0.23	0.23	-	-	-	-	-
636	10241		0.05	0.05	-	-	-	-	-
637	10242		0.08	0.08	-	-	-	-	-
638	10243	-	0.06	0.06	-	-	-	-	-
639	10244	-	0.16	0.16	-	-	-	-	-
640	10245	-	0.05	0.05	-	-	-	-	-
641	10246	-	0.07	0.07	-	-	-	-	-
642	10247	-	-	0.00	-	-	-	-	-
643	10248	-	0.05	0.05	-	-	-	-	-
644	10249	-	0.02	0.02	-	-	-	-	-
645	10250	-	0.08	0.08	-	-	-	-	-
646	10252	-	0.11	0.11	-	-	-	-	-
647	10253	-	0.27	0.27	-	-	-	-	-
648	10254	-	0.15	0.15	-	-	-	-	-

Inventory Sheet 1: Road Surface Type

SN	Road ID	Name of Road	Length (in km)	Surface Type (Length in Km)					
				Earthen	Gravelled	Metalled	RCC	Stone Solling	Block Solling
649	10256	-	0.11	0.11	-	-	-	-	-
650	10258	-	0.07	0.07	-	-	-	-	-
651	10259	-	0.05	0.05	-	-	-	-	-
652	10260	-	0.03	0.03	-	-	-	-	-
653	10261	-	0.06	0.06	-	-	-	-	-
654	10262	-	0.06	0.06	-	-	-	-	-
655	10263	-	0.06	0.06	-	-	-	-	-
656	10264	-	0.12	0.12	-	-	-	-	-
657	10266	-	0.08	0.08	-	-	-	-	-
658	10267	-	0.17	0.17	-	-	-	-	-
659	10269	-	0.04	0.04	-	-	-	-	-
660	10270	-	0.08	0.08	-	-	-	-	-
661	10271	-	0.03	0.03	-	-	-	-	-
662	10272	-	0.02	0.02	-	-	-	-	-
663	10273	-	0.08	0.08	-	-	-	-	-
664	10274	-	0.06	0.06	-	-	-	-	-
665	50001	-	0.35	-	-	0.35	-	-	-

9.2 Road Classification by Width in Nagarjun Municipality

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
1	1		0.36	5.0	5	5.00	5.00
2	2		0.30	6.0	0.4	4.47	4.47
3	3		0.27	3.0	3	3.00	3.00
4	4		0.03	3.0	3	3.00	3.00
5	5		0.49	5.0	5	5.00	5.00
6	6		0.22	3.0	3	3.00	3.00
7	7	Army Medical-Radha Krishna Road	1.11	7.0	3	5.19	5.19
8	8		0.53	5.0	4	4.13	4.13
9	9		0.15	3.5	3.5	3.50	3.50
10	10		0.23	3.5	3.5	3.50	3.50
11	11		0.05	4.0	4	4.00	4.00
12	12		0.16	3.5	3.5	3.50	3.50
13	13		0.20	3.5	3.5	3.50	3.50
14	14	Namgel chowk-Tinghare Road	0.79	5.5	5	5.45	5.45
15	15		0.28	4.0	4	4.00	4.00
16	16	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	1.59	6.0	3	4.47	4.47
17	17		0.23	4.0	4	4.00	4.00
18	18		0.44	3.0	3	3.00	3.00
19	19		0.15	3.0	3	3.00	3.00
20	20		0.16	3.5	3.5	3.50	3.50
21	21		0.10	1.0	1	1.00	1.00
22	22		0.13	3.5	3	3.06	3.06
23	23		0.55	6.0	3	4.63	4.63
24	24		0.05	3.0	3	3.00	3.00
25	25		0.53	4.0	3	3.80	3.80
26	27		0.42	4.0	4	4.00	4.00
27	28		0.06	3.0	3	3.00	3.00
28	29		0.22	4.0	3	3.41	3.41
29	30		0.20	3.5	3.5	3.50	3.50
30	31		0.12	5.0	5	5.00	5.00
31	32		0.35	6.0	3	3.50	3.50
32	33		0.13	4.0	4	4.00	4.00
33	34		0.13	4.0	4	4.00	4.00
34	35		0.15	4.0	4	4.00	4.00
35	36	Sano Bharyang-Ward office Road	1.41	7.0	6	6.19	6.19
36	37		0.10	4.0	4	4.00	4.00
37	38		0.09	6.0	3	3.52	3.52
38	39		0.29	3.5	3.5	3.50	3.50
39	40		0.26	3.5	3.5	3.50	3.50
40	41		0.21	3.0	3	3.00	3.00
41	42		0.20	3.5	3.5	3.50	3.50
42	43		0.25	4.0	3	3.73	3.73
43	44		0.48	4.0	3	3.89	3.89
44	45		0.11	4.0	4	4.00	4.00
45	46		0.12	3.0	3	3.00	3.00
46	47		0.12	4.0	4	4.00	4.00
47	48		0.08	3.5	3.5	3.50	3.50
48	50		0.10	6.0	6	6.00	4.00
49	51		0.16	4.0	3	3.45	3.45
50	52		0.49	7.0	4	4.35	4.35
51	53		0.94	6.0	5	5.84	5.84
52	54		0.26	4.0	4	4.00	4.00
53	55		0.13	4.0	4	4.00	4.00
54	56		0.10	3.0	1.4	2.53	2.53

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
55	57		0.29	4.0	3.5	3.77	3.77
56	58		0.15	3.5	1.6	3.12	3.12
57	59		0.30	4.0	0.6	2.17	2.17
58	60		0.32	4.0	3	3.19	3.19
59	61		0.11	3.0	3	3.00	3.00
60	62		0.25	4.0	4	4.00	4.00
61	64		0.29	3.0	3	3.00	3.00
62	65		0.19	4.0	1	2.93	2.93
63	67		0.74	6.0	4	4.82	4.82
64	68		0.15	5.0	5	5.00	5.00
65	69		0.03	3.5	3.5	3.50	3.50
66	70		0.04	3.5	3.5	3.50	3.50
67	72		0.04	3.5	3.5	3.50	3.50
68	73		0.16	3.0	3	3.00	3.00
69	74		0.07	3.5	3.5	3.50	3.50
70	75		0.13	3.5	1	2.29	2.29
71	76		0.04	4.0	3	3.27	3.27
72	77		0.06	4.0	4	4.00	4.00
73	78		0.07	4.0	4	4.00	4.00
74	79		0.27	5.0	4	4.18	4.18
75	80		0.13	3.0	3	3.00	3.00
76	81		0.16	3.0	3	3.00	3.00
77	82		0.27	4.0	4	4.00	4.00
78	83		0.22	4.0	4	4.00	4.00
79	84		0.13	3.0	3	3.00	3.00
80	85		0.07	3.0	3	3.00	3.00
81	86		0.14	3.0	3	3.00	3.00
82	87		0.08	3.0	3	3.00	3.00
83	88		0.34	6.0	6	6.00	6.00
84	89		0.31	3.0	3	3.00	3.00
85	90		0.15	3.0	3	3.00	3.00
86	91		0.15	3.0	3	3.00	3.00
87	92		0.35	3.5	3.5	3.50	3.50
88	93		0.08	3.0	3	3.00	3.00
89	94		0.60	6.0	4	4.27	4.27
90	96		0.16	5.0	5	5.00	5.00
91	97		0.14	4.0	4	4.00	4.00
92	98	Dhunge dhara-Radha krishna Mandir-Raniban Road	1.93	6.0	5	5.80	5.06
93	99		0.17	4.0	3.5	3.58	3.58
94	101		0.43	4.0	3	3.04	3.04
95	102		0.15	3.0	3	3.00	3.00
96	103		0.08	3.0	3	3.00	3.00
97	104		0.16	4.0	4	4.00	4.00
98	105		0.03	3.0	3	3.00	3.00
99	106		0.21	3.0	1	2.50	2.50
100	107		0.43	4.0	3	3.91	3.91
101	108		0.39	4.0	4	4.00	4.00
102	109		0.23	4.0	3	3.59	3.59
103	110		0.10	3.0	3	3.00	3.00
104	111		0.12	3.0	3	3.00	3.00
105	112		0.13	3.0	3	3.00	3.00
106	113		0.03	4.0	4	4.00	4.00
107	114		0.13	3.5	3.5	3.50	3.50
108	115		0.15	3.0	3	3.00	3.00
109	116		0.06	3.0	3	3.00	3.00
110	117		0.14	3.0	3	3.00	3.00
111	118		0.07	3.0	3	3.00	3.00

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
112	119		0.30	5.0	5	5.00	5.00
113	120		0.04	4.0	4	4.00	4.00
114	121		0.07	4.0	4	4.00	4.00
115	122		0.10	4.0	4	4.00	4.00
116	123		0.12	4.0	4	4.00	4.00
117	130		1.34	7.5	3	5.99	5.99
118	133		1.18	6.0	4	5.14	5.14
119	134		0.21	5.0	5	5.00	5.00
120	135		0.10	5.0	5	5.00	5.00
121	136		0.14	5.0	5	5.00	5.00
122	137		0.08	5.0	5	5.00	5.00
123	138		0.13	5.0	5	5.00	5.00
124	139		0.13	5.0	5	5.00	5.00
125	140		0.13	5.0	5	5.00	5.00
126	142		0.77	7.0	6	6.67	6.67
127	143		0.15	5.0	5	5.00	5.00
128	144		0.25	4.0	4	4.00	4.00
129	145		0.14	5.0	5	5.00	5.00
130	146		0.24	4.0	4	4.00	4.00
131	147		0.05	4.0	4	4.00	4.00
132	148		0.88	6.0	5	5.53	5.53
133	149		0.05	3.0	3	3.00	3.00
134	150		0.06	3.0	3	3.00	3.00
135	151		0.71	7.0	6	6.83	6.83
136	152		0.11	5.0	5	5.00	5.00
137	153		0.07	5.0	5	5.00	5.00
138	154		0.07	4.0	4	4.00	4.00
139	155		0.10	5.0	5	5.00	5.00
140	156		0.15	5.0	5	5.00	5.00
141	157		0.12	5.0	5	5.00	5.00
142	158		0.10	5.0	5	5.00	5.00
143	160		0.09	5.0	5	5.00	5.00
144	161		0.12	5.0	4	4.57	4.57
145	162		0.05	4.0	4	4.00	4.00
146	163		0.10	5.0	5	5.00	5.00
147	164		0.17	4.0	4	4.00	4.00
148	165		0.08	4.0	4	4.00	4.00
149	166		0.10	3.0	3	3.00	3.00
150	167		0.13	4.0	4	4.00	4.00
151	168	Microstand-Balbikash-Tindhara Road	1.33	8.0	4	5.11	4.98
152	169		0.09	5.0	4	4.77	4.77
153	170		0.09	3.0	3	3.00	3.00
154	171		0.30	4.0	4	4.00	4.00
155	172		0.18	5.0	5	5.00	5.00
156	173		0.04	4.0	4	4.00	4.00
157	175		1.24	5.5	4	4.63	4.60
158	176		0.09	5.0	3.5	3.98	3.98
159	177		0.16	3.5	2	2.93	2.93
160	200	Thulo Bharyang-Gairigaun Road	1.52	6.0	2	4.59	4.59
161	201		0.17	3.0	3	3.00	3.00
162	202		0.11	4.0	4	4.00	4.00
163	203		0.12	3.0	3	3.00	3.00
164	204		0.11	3.0	3	3.00	3.00
165	205		0.23	8.0	7	7.35	7.35
166	206	Swyambhu-Panchdhara-Buddha Chowk Road	0.68	5.0	5	5.00	5.00

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
167	207		0.12	4.0	4	4.00	4.00
168	208		0.64	5.0	4	4.58	4.58
169	210		0.06	3.5	3.5	3.50	3.50
170	211		0.11	3.0	3	3.00	3.00
171	212		0.93	6.0	3	4.88	4.88
172	400	Shobhabhagwati-Nishangaun- Halchok-Narayanthan Road	3.76	9.0	3	5.50	5.49
173	401		0.04	4.0	4	4.00	4.00
174	402		1.14	4.0	3	3.67	3.67
175	403		0.34	4.0	4	4.00	4.00
176	404		0.12	4.0	3	3.14	3.14
177	405		0.27	5.0	3	3.81	3.81
178	406		0.29	5.0	4	4.77	4.77
179	407		0.22	5.0	4	4.51	4.51
180	408		0.20	4.0	3	3.41	3.41
181	409		0.20	4.0	4	4.00	4.00
182	411		0.47	4.0	3	3.64	3.64
183	412		0.36	5.0	3	3.18	3.18
184	413		0.16	4.0	1	2.45	2.45
185	414		0.57	4.0	2	3.50	3.50
186	415		0.11	1.0	1	1.00	1.00
187	416		0.46	5.0	3	3.54	3.54
188	417		0.09	3.0	3	3.00	3.00
189	418		0.06	4.0	1	1.80	1.80
190	419		0.16	4.0	4	4.00	4.00
191	420	Ichangu Mandir-Chisapani Danda Road	1.26	4.0	3	3.09	3.09
192	500	Karkhana Chowk-Sitapaila Mandir Road	1.21	7.0	5	5.58	4.91
193	501		0.57	6.0	4.6	4.71	4.08
194	502		0.10	3.5	3	3.11	3.11
195	503		0.06	3.0	1.75	2.50	2.50
196	504		0.22	4.0	3.5	3.62	3.62
197	505		0.06	3.5	3.5	3.50	3.50
198	506		0.07	3.0	3	3.00	3.00
199	508		0.11	3.5	3.5	3.50	3.50
200	509		0.24	4.0	3	3.75	3.75
201	510		0.16	3.5	3.5	3.50	3.50
202	511		0.11	3.2	3.2	3.20	3.20
203	512		0.06	3.5	3.5	3.50	3.50
204	513	Kalimati - Sitapaila - Bhimdhunga - Dharke	9.67	9.5	4	7.72	7.14
205	514		0.11	3.5	3.5	3.50	3.50
206	515		0.56	5.0	4	4.67	4.67
207	516		0.23	4.0	3.5	3.71	3.71
208	517		0.38	5.0	3	3.55	3.55
209	518		0.07	4.0	3.5	3.61	3.61
210	519		0.20	3.5	3.5	3.50	3.50
211	520		0.38	4.0	4	4.00	4.00
212	521		0.04	6.0	6	6.00	3.00
213	522		0.14	3.5	3.5	3.50	3.50
214	523		0.14	3.5	3	3.40	3.40
215	524		0.36	3.5	3.5	3.50	3.50
216	525		0.05	5.0	5	5.00	5.00
217	526	Sales berry-Sitaram School Road	3.24	10.5	5	8.17	6.81
218	529		0.21	3.5	2.4	3.18	3.18
219	530		0.22	4.0	3	3.26	3.26

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
220	531		0.18	4.0	4	4.00	4.00
221	532		0.46	4.0	3	3.71	3.71
222	533		0.23	3.5	1	2.68	2.68
223	534		0.13	3.5	3.5	3.50	3.50
224	535		0.09	3.0	3	3.00	3.00
225	536		0.59	4.0	3.5	3.85	3.85
226	537		0.13	3.0	3	3.00	3.00
227	538		0.41	3.0	3	3.00	3.00
228	539		0.07	4.0	4	4.00	4.00
229	540		0.47	4.0	3.5	3.83	3.83
230	541		0.45	5.0	5	5.00	5.00
231	542	Soltidobato-Mahankal Road	3.71	8.5	4.4	7.09	6.96
232	543		0.09	3.5	3.5	3.50	3.50
233	544		0.23	3.5	3.5	3.50	3.50
234	545		0.06	4.0	4	4.00	4.00
235	546		0.05	3.0	3	3.00	3.00
236	547		0.66	4.0	2	3.42	3.42
237	548		0.13	3.5	3.5	3.50	3.50
238	549		0.05	3.5	3.5	3.50	3.50
239	550		0.67	4.5	3.5	4.31	4.31
240	551		0.09	3.5	3.5	3.50	3.50
241	552		0.24	3.5	3	3.30	3.30
242	553		0.10	3.5	3	3.33	3.33
243	554		0.11	3.0	3	3.00	3.00
244	555		0.37	4.0	3	3.39	3.39
245	556		0.26	3.5	3.5	3.50	3.50
246	557		0.38	3.5	3	3.44	3.44
247	558		0.07	4.0	4	4.00	4.00
248	559		0.06	3.0	3	3.00	3.00
249	560		0.08	3.0	3	3.00	3.00
250	561		0.15	3.0	3	3.00	3.00
251	562		5.26	14.0	6	11.93	9.14
252	563		0.17	3.0	1.4	1.73	1.73
253	564		0.10	3.0	3	3.00	3.00
254	565		0.24	3.0	2.5	2.81	2.81
255	566		0.06	3.0	3	3.00	3.00
256	567		0.12	6.0	6	6.00	6.00
257	568		0.27	4.0	4	4.00	4.00
258	1001		0.38	4.0	4	4.00	4.00
259	1002		0.29	4.0	4	4.00	4.00
260	1003		1.08	5.5	5	5.30	5.00
261	1004		0.49	5.0	5	5.00	5.00
262	1005		0.08	5.5	5.5	5.50	5.00
263	1006		0.07	5.0	5	5.00	5.00
264	1007		0.15	5.0	5	5.00	5.00
265	1008		0.20	5.0	5	5.00	5.00
266	1009		0.10	4.0	4	4.00	4.00
267	1010		0.13	4.0	4	4.00	4.00
268	1011		0.27	5.0	5	5.00	5.00
269	1012		0.40	4.0	3	3.24	3.24
270	1013		0.67	5.0	5	5.00	5.00
271	1014		0.22	4.0	4	4.00	4.00
272	1015		0.28	4.0	4	4.00	4.00
273	1016		0.13	4.0	4	4.00	4.00
274	1017		0.44	8.0	8	8.00	7.00
275	1018		0.13	4.0	4	4.00	4.00
276	1019		0.60	6.0	6	6.00	6.00
277	1020		0.12	4.0	4	4.00	4.00

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
278	1021		0.39	7.5	7.5	7.50	7.00
279	5001		1.40	5.0	5	5.00	5.00
280	5002		0.30	6.0	6	6.00	6.00
281	5003		0.40	5.0	5	5.00	5.00
282	5004		0.20	6.0	6	6.00	6.00
283	5005		0.18	1.0	1	1.00	1.00
284	5006		0.27	5.0	1	3.90	3.90
285	5007		0.62	6.0	5	5.68	5.68
286	5008		1.04	6.0	5	5.81	5.81
287	5009		0.27	1.0	1	1.00	1.00
288	5010		1.35	5.0	5	5.00	5.00
289	5011		0.39	5.0	3	3.67	3.67
290	5012		0.21	5.0	5	5.00	5.00
291	5013		0.34	5.0	5	5.00	5.00
292	5014		0.24	5.0	5	5.00	5.00
293	5016		0.55	6.0	3	5.69	5.69
294	5017		0.67	6.0	5	5.34	5.34
295	5019	Sitapaila-Ichangu Road	1.37	6.0	5.5	5.93	5.85
296	5020		0.42	6.0	6	6.00	6.00
297	5022		0.23	5.0	5	5.00	5.00
298	5023		0.15	5.0	5	5.00	5.00
299	5024		0.30	.5	0.5	.50	.50
300	5025		0.61	5.0	5	5.00	5.00
301	5045		0.19	6.0	6	6.00	5.00
302	5046		0.05	6.0	6	6.00	5.00
303	5047		0.07	6.0	6	6.00	5.00
305	5090		0.20	5.0	5	5.00	5.00
306	5091		0.07	5.0	5	5.00	5.00
307	5092		0.29	5.0	5	5.00	5.00
308	5093		0.39	6.0	6	6.00	5.00
309	5094		0.18	6.0	6	6.00	5.00
310	5096		0.50	5.0	5	5.00	5.00
311	5097		0.26	4.0	4	4.00	4.00
312	5510		0.27	6.0	6	6.00	6.00
313	5511		0.18	6.0	6	6.00	5.00
314	5512		0.15	6.0	6	6.00	5.00
315	5513		0.26	6.0	6	6.00	5.00
316	5514		0.29	6.0	6	6.00	5.00
317	5515		0.24	6.0	6	6.00	5.00
318	5516		0.14	6.0	6	6.00	5.00
319	5517		0.21	6.0	6	6.00	5.00
320	5555		0.25	4.0	4	4.00	4.00
321	5556		0.03	4.0	4	4.00	4.00
322	5557		0.29	4.0	4	4.00	4.00
323	5558		0.58	4.0	4	4.00	4.00
324	5559		0.20	5.0	5	5.00	5.00
325	6002		0.35	6.0	5	5.25	5.25
326	6003		0.10	5.0	4	4.34	4.34
327	6004		0.54	4.0	0	4.00	4.00
328	6005	Ghattetar-Hasantar-Road	1.27	5.9	0	4.97	4.91
329	6006		0.71	6.0	0	5.18	5.18
330	6007		0.30	4.0	0	4.00	4.00
331	6008		0.09	4.0	0	4.00	4.00
332	6015		0.47	5.0	0	5.00	5.00
333	6016		0.67	4.0	0	4.00	4.00
334	6017		0.45	4.0	0	4.00	4.00
335	6018		0.40	4.0	0	4.00	4.00
336	6019		0.17	4.0	0	4.00	4.00

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
337	6023		0.60	5.0	0	5.00	5.00
338	6024	Hamyra Chautara-Ghattekhola Road	1.04	6.0	0	6.00	6.00
339	6025		0.38	4.0	0	4.00	4.00
340	6026		0.46	4.0	0	4.00	4.00
341	6027		0.28	4.0	0	4.00	4.00
342	6028		0.22	4.0	0	4.00	4.00
343	6029		0.58	4.0	0	4.00	4.00
344	6030		0.49	5.0	0	5.00	5.00
345	6031	Ghadipasal-Purigaun Road	0.68	7.0	0	7.00	7.00
346	6032	Ramkot-Barbot Road	1.13	5.0	0	4.82	4.82
347	6033		0.40	4.0	0	4.00	4.00
348	6034		0.69	5.0	0	5.00	5.00
349	6035	Aadeshwor-Whitegumba-Nayagaun Road	3.77	7.0	0	6.42	6.38
350	6036		0.44	5.0	0	5.00	5.00
351	6070		0.38	4.0	0	4.00	4.00
352	6080		0.62	6.0	0	5.09	5.09
353	6081		0.27	6.0	0	6.00	6.00
354	6082		0.16	6.0	0	6.00	6.00
355	6083		0.50	6.5	0	6.11	6.00
356	6090		0.21	5.0	0	5.00	5.00
357	6091		0.13	5.0	0	5.00	5.00
358	6092		0.20	5.0	0	5.00	5.00
359	7001		0.80	7.0	0	6.38	6.00
360	7002		0.05	5.0	0	5.00	5.00
361	7003		1.60	6.0	0	6.00	6.00
362	7004		0.39	6.0	0	6.00	6.00
363	7005		0.28	6.0	0	6.00	6.00
364	7006		0.07	4.0	0	4.00	4.00
365	7007		0.17	5.0	0	5.00	5.00
366	7008	Panchakanya School-Naikap Road	0.35	7.0	0	7.00	7.00
367	7009		0.50	5.0	0	5.00	5.00
368	7010		0.82	6.0	0	5.55	5.13
369	7011		0.62	6.9	0	6.90	6.00
370	7012		0.24	8.0	0	8.00	8.00
371	7013		0.88	6.0	0	6.00	6.00
372	7014		0.65	5.0	0	5.00	5.00
373	7015		0.38	3.0	0	2.39	2.39
374	7016		0.12	4.0	0	4.00	4.00
375	7017		0.12	2.0	0	2.00	2.00
376	7018		0.78	4.0	0	4.00	4.00
377	7019	Mahankal-Godam Chowk Road	1.90	7.5	0	6.99	6.58
378	7020		0.37	5.5	0	5.50	5.00
379	7021		0.92	6.9	0	6.28	5.73
380	7022		0.66	6.0	0	6.00	6.00
381	7023		0.40	6.5	0	6.19	6.00
382	7024		0.23	4.0	0	4.00	4.00
383	7025		0.39	4.0	0	4.00	4.00
384	7030	Tarapunja-Sotigaun Road	0.52	7.0	0	7.00	7.00
385	7096		0.45	6.0	0	6.00	6.00
386	8001		1.02	5.5	0	5.09	5.00
387	8002		0.34	3.0	0	1.28	1.28
388	8003	Fasku-Ghattekhola-Nursery Bhanjyang Road	5.39	6.0	0	5.98	5.98
389	8004		0.74	6.5	0	6.50	6.00

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
390	8005	Ghatte khola-Bhirkot-Thaple Road	3.29	5.0	0	5.00	5.00
391	8006		0.46	5.0	0	5.00	5.00
392	8007	Bhimdhunga-Switzerland Park Road	2.24	6.5	0	5.74	5.56
393	8008	Bhim Dhunga Buspark-Thaple Road	2.75	7.0	0	6.27	6.00
394	8009		0.29	1.0	0	1.00	1.00
395	8010		0.76	5.0	0	5.00	5.00
396	8011		0.38	5.0	0	5.00	5.00
397	8012	Nursery-Majhuwa-Chisapani Road	1.15	8.0	0	8.00	8.00
398	8013		0.25	5.0	0	5.00	5.00
399	8014	Khadkagaun-Kapur-Pakhure Road	4.05	5.0	0	5.00	5.00
400	8015		0.34	3.0	0	1.54	1.54
401	8017		0.46	4.0	0	4.00	4.00
402	8018		0.67	4.0	0	4.00	4.00
403	8019		0.05	7.0	0	7.00	7.00
404	8020		0.46	4.0	0	4.00	4.00
405	8022		0.17	4.0	0	4.00	4.00
406	8099		0.66	.5	0	.50	.50
407	9001	Ward office-Healthpost Road	0.98	7.5	0	7.50	7.00
408	9002		0.65	7.0	0	7.00	7.00
409	9003		0.56	6.0	0	6.00	6.00
410	9004		0.56	6.0	0	6.00	6.00
411	9005		0.45	6.0	0	6.00	6.00
412	9006		0.35	7.5	0	7.19	7.00
413	9007		0.31	1.0	0	1.00	1.00
414	9008		0.19	6.0	0	6.00	6.00
415	9009	Syuchatar-Hasantar-Nursery Bhanjyang Road	6.74	8.0	0	6.98	6.91
416	9010		0.31	4.0	0	4.00	4.00
417	10001	Universal Dental-Ukalo Road	0.50	7.5	0	7.28	7.00
418	10002		0.09	6.0	0	6.00	6.00
419	10003		0.46	6.0	0	6.00	6.00
420	10004		0.44	6.0	0	6.00	6.00
421	10005		0.19	6.0	0	6.00	6.00
422	10006		0.43	3.0	0	3.00	3.00
423	10007		0.06	3.0	0	3.00	3.00
424	10008		0.10	5.0	0	5.00	5.00
425	10009		0.05	2.0	0	2.00	2.00
426	10010		0.03	1.0	0	1.00	1.00
427	10011		0.02	1.0	0	1.00	1.00
428	10012		0.06	2.0	0	2.00	2.00
429	10013		0.07	3.0	0	3.00	3.00
430	10014		0.02	6.0	0	6.00	6.00
431	10015		0.02	2.0	0	2.00	2.00
432	10016		0.18	2.0	0	2.00	2.00
433	10017		0.10	3.0	0	3.00	3.00
434	10018		0.19	1.0	0	1.00	1.00
435	10019		0.05	2.0	0	2.00	2.00
436	10020		0.06	5.0	0	5.00	5.00
437	10021		0.08	11.0	0	11.00	11.00
438	10022		0.27	4.0	0	3.69	3.69
439	10023		0.03	2.0	0	2.00	2.00
440	10024		0.12	3.0	0	3.00	3.00
441	10025		0.31	6.0	0	6.00	6.00

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
442	10026		0.13	4.0	0	4.00	4.00
443	10027		0.13	3.0	0	3.00	3.00
444	10028		0.31	6.0	0	6.00	6.00
445	10029		0.04	2.0	0	2.00	2.00
446	10040		0.23	3.0	0	3.00	3.00
447	10041		0.08	3.0	0	3.00	3.00
448	10042		0.26	3.0	0	3.00	3.00
449	10043		0.04	4.0	0	4.00	4.00
450	10044		0.03	4.0	0	4.00	4.00
451	10045		0.09	4.0	0	4.00	4.00
452	10046		0.41	.5	0	.50	.50
453	10047		0.25	1.0	0	1.00	1.00
454	10048		0.21	2.5	0	2.50	2.50
455	10049		0.16	3.0	0	3.00	3.00
456	10050		0.40	5.5	0	4.82	4.82
457	10051		0.07	3.5	0	3.50	3.50
458	10052		0.08	2.5	0	2.50	2.50
459	10053		0.07	3.0	0	3.00	3.00
460	10054		0.71	6.0	0	6.00	6.00
461	10055		0.07	1.0	0	1.00	1.00
462	10056		0.04	3.0	0	3.00	3.00
463	10057		0.11	6.0	0	6.00	6.00
464	10058		0.22	6.0	0	6.00	6.00
465	10059		0.05	2.0	0	2.00	2.00
466	10060		0.07	2.0	0	2.00	2.00
467	10061		0.05	3.0	0	3.00	3.00
468	10062		0.10	3.0	0	3.00	3.00
469	10063		0.04	6.0	0	6.00	6.00
470	10064		0.17	6.0	0	6.00	6.00
471	10065		0.05	7.0	0	7.00	7.00
472	10066		0.24	7.0	0	7.00	7.00
473	10067		0.11	3.0	0	3.00	3.00
474	10068		0.43	6.0	0	3.37	3.37
475	10069		0.07	1.0	0	1.00	1.00
476	10070		0.07	6.0	0	6.00	6.00
477	10071		0.10	6.0	0	6.00	6.00
478	10072		0.08	6.0	0	6.00	6.00
479	10073		0.06	6.0	0	6.00	6.00
480	10074		0.09	6.0	0	6.00	6.00
481	10075		0.04	6.0	0	6.00	6.00
482	10076		0.20	2.0	0	2.00	2.00
483	10077		0.07	2.0	0	2.00	2.00
484	10078		0.14	3.0	0	3.00	3.00
485	10079		0.18	3.0	0	3.00	3.00
486	10080		0.13	3.0	0	3.00	3.00
487	10081		0.14	3.5	0	3.50	3.50
488	10082		0.02	3.0	0	3.00	3.00
489	10083		0.04	2.5	0	2.50	2.50
490	10084		0.15	4.0	0	4.00	4.00
491	10085		0.11	4.0	0	4.00	4.00
492	10086		0.15	6.0	0	6.00	6.00
493	10087		0.33	3.0	0	2.78	2.78
494	10088		0.06	6.0	0	6.00	6.00
495	10089		0.23	1.0	0	1.00	1.00
496	10090		0.18	1.0	0	1.00	1.00
497	10091		0.03	3.0	0	3.00	3.00
498	10092		0.04	3.0	0	3.00	3.00
499	10093		0.05	2.0	0	2.00	2.00

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
500	10094		0.14	1.0	0	1.00	1.00
501	10095		0.15	1.0	0	1.00	1.00
502	10096		0.14	3.0	0	3.00	3.00
503	10097		0.06	1.0	0	1.00	1.00
504	10098		0.09	2.0	0	2.00	2.00
505	10099		0.12	3.0	0	3.00	3.00
506	10100		0.06	4.0	0	4.00	4.00
507	10101		0.08	4.0	0	4.00	4.00
508	10102		0.03	3.0	0	3.00	3.00
509	10103		0.06	3.0	0	3.00	3.00
510	10104		0.12	1.0	0	1.00	1.00
511	10105		0.12	2.0	0	2.00	2.00
512	10106		0.10	1.0	0	1.00	1.00
513	10107		0.08	1.0	0	1.00	1.00
514	10108		0.12	2.0	0	2.00	2.00
515	10109		0.03	2.0	0	2.00	2.00
516	10110		0.10	4.0	0	4.00	4.00
517	10111		0.10	4.0	0	4.00	4.00
518	10112		0.16	3.0	0	3.00	3.00
519	10113		0.26	4.0	0	4.00	4.00
520	10114		0.03	6.0	0	6.00	6.00
521	10115		0.05	6.0	0	6.00	6.00
522	10116		0.10	4.0	0	4.00	4.00
523	10117		0.03	6.0	0	6.00	6.00
524	10118		0.06	6.0	0	6.00	6.00
525	10119		0.04	6.0	0	6.00	6.00
526	10120		0.38	2.0	0	2.00	2.00
527	10121		0.16	2.5	0	2.50	2.50
528	10122		0.06	3.0	0	3.00	3.00
529	10123		0.03	3.0	0	3.00	3.00
530	10124		0.04	6.0	0	6.00	6.00
531	10126		0.14	3.0	0	3.00	3.00
532	10127		0.05	3.0	0	3.00	3.00
533	10128		0.11	3.0	0	3.00	3.00
534	10129		0.02	3.0	0	3.00	3.00
535	10130		0.04	3.0	0	3.00	3.00
536	10131		0.29	3.0	0	3.00	3.00
537	10132		0.24	3.0	0	3.00	3.00
538	10133		0.11	4.0	0	4.00	4.00
539	10134		0.12	6.0	0	6.00	6.00
540	10135		0.10	6.0	0	6.00	6.00
541	10136		0.07	3.5	0	3.50	3.50
542	10137		0.13	1.0	0	1.00	1.00
543	10138		0.03	3.0	0	3.00	3.00
544	10139		0.02	3.5	0	3.50	3.50
545	10140		0.06	3.5	0	3.50	3.50
546	10141		0.13	2.5	0	2.50	2.50
547	10142		0.16	3.0	0	3.00	3.00
548	10143		0.06	4.0	0	4.00	4.00
549	10144		0.09	4.0	0	4.00	4.00
550	10145		0.09	3.0	0	3.00	3.00
551	10146		0.10	3.0	0	3.00	3.00
552	10148		0.03	2.5	0	2.50	2.50
553	10149		0.09	3.0	0	3.00	3.00
554	10150		0.08	3.0	0	3.00	3.00
555	10151		0.07	3.0	0	3.00	3.00
556	10152		0.09	1.0	0	1.00	1.00
557	10153		0.08	3.0	0	3.00	3.00

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
558	10154		0.03	6.0	0	6.00	6.00
559	10155		0.03	6.0	0	6.00	6.00
560	10156		0.11	6.0	0	6.00	6.00
561	10157		0.03	6.0	0	6.00	6.00
562	10158		0.07	6.0	0	6.00	6.00
563	10159		0.07	6.0	0	6.00	6.00
564	10160		0.04	5.0	0	5.00	5.00
565	10161		0.03	6.0	0	6.00	6.00
566	10162		0.07	6.0	0	6.00	6.00
567	10163		0.21	2.0	0	2.00	2.00
568	10164		0.08	3.0	0	3.00	3.00
569	10165		0.05	3.0	0	3.00	3.00
570	10166		0.23	4.0	0	4.00	4.00
571	10167		0.04	4.0	0	4.00	4.00
572	10168		0.10	4.0	0	4.00	4.00
573	10169		0.09	3.0	0	3.00	3.00
574	10170		0.19	1.0	0	1.00	1.00
575	10171		0.09	2.0	0	2.00	2.00
576	10172		0.08	3.0	0	3.00	3.00
577	10173		0.05	3.0	0	3.00	3.00
578	10174		0.09	3.0	0	3.00	3.00
579	10175		0.10	1.0	0	1.00	1.00
580	10176		0.16	3.0	0	3.00	3.00
581	10177		0.07	3.0	0	3.00	3.00
582	10178		0.04	6.0	0	6.00	6.00
583	10179		0.08	6.0	0	6.00	6.00
584	10180		0.04	6.0	0	6.00	6.00
585	10181		0.06	6.0	0	6.00	6.00
586	10182		0.05	6.0	0	6.00	6.00
587	10183		0.09	3.0	0	3.00	3.00
588	10184		0.08	1.5	0	1.50	1.50
589	10185		0.05	2.0	0	2.00	2.00
590	10186		0.16	2.3	0	2.30	2.30
591	10187		0.26	4.0	0	4.00	4.00
592	10188		0.21	2.0	0	2.00	2.00
593	10189		0.22	3.5	0	3.50	3.50
594	10190		0.36	3.0	0	3.00	3.00
595	10191		0.14	3.0	0	3.00	3.00
596	10192		0.99	1.0	0	1.00	1.00
597	10193		0.11	1.0	0	1.00	1.00
598	10194		0.09	3.0	0	3.00	3.00
599	10195		0.53	1.0	0	1.00	1.00
600	10196		0.19	1.0	0	1.00	1.00
601	10197		0.34	1.0	0	1.00	1.00
602	10198		0.04	1.0	0	1.00	1.00
603	10199		0.03	6.0	0	6.00	6.00
604	10200		0.03	6.0	0	6.00	6.00
605	10201		0.04	5.0	0	5.00	5.00
606	10202		0.03	5.0	0	5.00	5.00
607	10203		0.12	1.0	0	1.00	1.00
608	10212		0.43	24.0	0	24.00	24.00
609	10213		0.10	3.0	0	3.00	3.00
610	10214		0.09	1.5	0	1.50	1.50
611	10215		0.08	3.0	0	3.00	3.00
612	10216		0.07	2.5	0	2.50	2.50
613	10217		0.08	3.0	0	3.00	3.00
614	10218		0.21	7.0	0	7.00	7.00
615	10219		0.06	6.0	0	6.00	6.00

Inventory Sheet 2: Road Width

SN	Road ID	Name of Road	Length (in km)	Total Width (in m)			Carriageway Width (in m)
				Maximum	Minimum	Average	
616	10220		0.03	6.0	0	6.00	6.00
617	10221		0.12	6.0	0	6.00	6.00
618	10222		0.02	6.0	0	6.00	6.00
619	10223		0.08	3.0	0	3.00	3.00
620	10224		0.06	3.0	0	3.00	3.00
621	10225		0.11	2.0	0	2.00	2.00
622	10226		0.09	2.0	0	2.00	2.00
623	10227		0.24	4.0	0	4.00	4.00
624	10228		0.04	4.0	0	4.00	4.00
625	10229		0.20	6.0	0	6.00	6.00
626	10230		0.04	4.0	0	4.00	4.00
627	10231		0.04	4.0	0	4.00	4.00
628	10232		0.12	4.0	0	4.00	4.00
629	10233		0.07	3.0	0	3.00	3.00
630	10235		0.22	5.0	0	5.00	5.00
631	10236		0.20	3.0	0	3.00	3.00
632	10237		0.06	3.0	0	3.00	3.00
633	10238		0.10	4.0	0	4.00	4.00
634	10239		0.04	4.0	0	4.00	4.00
635	10240		0.23	4.0	0	4.00	4.00
636	10241		0.05	4.0	0	4.00	4.00
637	10242		0.08	5.0	0	5.00	5.00
638	10243		0.06	3.0	0	3.00	3.00
639	10244		0.16	3.0	0	3.00	3.00
640	10245		0.05	3.0	0	3.00	3.00
641	10246		0.07	3.0	0	3.00	3.00
642	10247		-	6.0	0	6.00	6.00
643	10248		0.05	6.0	0	6.00	6.00
644	10249		0.02	7.0	0	7.00	7.00
645	10250		0.08	3.0	0	3.00	3.00
646	10252		0.11	4.0	0	4.00	4.00
647	10253		0.27	1.5	0	1.50	1.50
648	10254		0.15	3.0	0	3.00	3.00
649	10256		0.11	6.0	0	6.00	6.00
650	10258		0.07	4.0	0	4.00	4.00
651	10259		0.05	3.0	0	3.00	3.00
652	10260		0.03	1.0	0	1.00	1.00
653	10261		0.06	1.0	0	1.00	1.00
654	10262		0.06	1.0	0	1.00	1.00
655	10263		0.06	3.0	0	3.00	3.00
656	10264		0.12	1.0	0	1.00	1.00
657	10266		0.08	4.0	0	4.00	4.00
658	10267		0.17	4.0	0	4.00	4.00
659	10269		0.04	4.0	0	4.00	4.00
660	10270		0.08	4.0	0	4.00	4.00
661	10271		0.03	3.0	0	3.00	3.00
662	10272		0.02	4.0	0	4.00	4.00
663	10273		0.08	3.0	0	3.00	3.00
664	10274		0.06	3.0	0	3.00	3.00
665	50001		0.35	6.0	0	6.00	5.00

9.3 Ward wise Details of Road Inventory in Nagarjun Municipality

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
1	94	94-1		0.03	4.00	4				0.03		
1	94	94-2		0.00	4.00	4				0.00		
1	123	123-1		0.01	4.00	4	0.01					
1	130	130-1		0.07	7.00	7	0.07					
1	130	130-11		0.04	6.00	6			0.04			
1	130	130-12		0.01	6.00	6			0.01			
1	130	130-2		0.09	7.00	7				0.09		
1	130	130-3		0.34	7.00	7	0.34					
1	130	130-4		0.11	6.00	6	0.11					
1	130	130-5		0.22	3.00	3	0.22					
1	130	130-6		0.05	5.00	5	0.05					
1	130	130-7		0.03	4.00	4				0.03		
1	133	133-1		0.07	5.00	5	0.07					
1	133	133-2		0.06	5.00	5				0.06		
1	133	133-3		0.36	5.00	5	0.36					
1	133	133-4	Sonam Cafe-Gumba Road	0.03	5.00	5				0.03		
1	133	133-5	Sonam Cafe-Gumba Road	0.12	4.00	4				0.12		
1	133	133-6	Sonam Cafe-Gumba Road	0.10	5.00	5				0.10		
1	133	133-7	Sonam Cafe-Gumba Road	0.09	5.40	5.4	0.09					
1	134	134-1		0.21	5.00	5	0.21					
1	135	135-1		0.10	5.00	5	0.10					
1	136	136-1		0.11	5.00	5	0.11					
1	136	136-2		0.03	5.00	5				0.03		
1	137	137-1		0.08	5.00	5	0.08					
1	138	138-1		0.13	5.00	5	0.13					
1	139	139-1		0.13	5.00	5	0.13					
1	140	140-1		0.13	5.00	5	0.13					
1	142	142-1		0.13	7.00	7	0.13					
1	142	142-2		0.09	7.00	7	0.09					
1	142	142-3		0.07	7.00	7				0.07		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
1	142	142-4		0.09	7.00	7	0.09					
1	142	142-5		0.10	6.00	6	0.10					
1	142	142-6		0.02	7.00	7			0.02			
1	143	143-1		0.15	5.00	5	0.15					
1	144	144-1		0.25	4.00	4	0.25					
1	145	145-1		0.14	5.00	5	0.14					
1	146	146-1		0.24	4.00	4	0.24					
1	147	147-1		0.05	4.00	4	0.05					
1	148	148-1		0.24	6.00	6	0.24					
1	148	148-2		0.04	6.00	6				0.04		
1	148	148-3		0.05	6.00	6				0.05		
1	148	148-4		0.15	6.00	6				0.15		
1	148	148-5		0.41	5.00	5	0.41					
1	149	149-1		0.05	3.00	3	0.05					
1	150	150-1		0.06	3.00	3	0.06					
1	151	151-1		0.05	6.00	6	0.05					
1	151	151-2		0.17	7.00	7				0.17		
1	151	151-3		0.05	7.00	7				0.05		
1	151	151-4		0.37	7.00	7	0.37					
1	152	151-5		0.11	5.00	5	0.11					
1	153	153-1		0.07	5.00	5	0.07					
1	154	154-1		0.07	4.00	4	0.07					
1	155	155-1		0.10	5.00	5	0.10					
1	156	156-1		0.15	5.00	5	0.15					
1	157	157-1		0.12	5.00	5	0.12					
1	158	158-1		0.10	5.00	5	0.10					
1	160	160-1		0.04	5.00	5				0.04		
1	160	160-2		0.04	5.00	5	0.04					
1	161	161-1		0.05	4.00	4	0.05					
1	161	161-2		0.04	5.00	5	0.04					
1	161	161-3		0.03	5.00	5	0.03					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
1	162	162-1		0.05	4.00	4	0.05					
1	163	163-1		0.10	5.00	5	0.10					
1	164	164-1		0.17	4.00	4				0.17		
1	165	165-1		0.08	4.00	4				0.08		
1	166	166-1		0.10	3.00	3			0.10			
1	167	167-1		0.12	4.00	4			0.12			
1	167	167-1		0.00	4.00	4			0.00			
1	168	168-1	Microstand-Balbikash-Tindhara Road	0.08	4.00	4	0.08					
1	168	168-2	Microstand-Balbikash-Tindhara Road	0.20	4.00	4				0.20		
1	168	168-3	Microstand-Balbikash-Tindhara Road	0.17	4.00	4				0.17		
1	168	168-4	Microstand-Balbikash-Tindhara Road	0.35	6.00	6				0.35		
1	168	168-5	Microstand-Balbikash-Tindhara Road	0.08	5.00	5				0.08		
1	168	168-6	Microstand-Balbikash-Tindhara Road	0.34	5.50	5	0.34					
1	168	168-7		0.06	5.00	5	0.06					
1	169	169-1		0.06	5.00	5				0.06		
1	169	169-2		0.01	5.00	5				0.01		
1	169	169-3		0.02	4.00	4				0.02		
1	170	170-1		0.09	3.00	3				0.09		
1	171	171-1		0.30	4.00	4				0.30		
1	172	172-2		0.18	5.00	5				0.18		
1	173	173-1		0.04	4.00	4			0.04			
1	175	175-1		0.09	5.50	5			0.09			
1	175	175-2		0.24	5.00	5				0.24		
1	175	175-3		0.18	4.00	4				0.18		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
1	175	175-4	Microstand-Maser Tole-Boharatar Road	0.14	4.00	4				0.14		
1	175	175-5	Microstand-Maser Tole-Boharatar Road	0.04	4.00	4				0.04		
1	175	175-6	Microstand-Maser Tole-Boharatar Road	0.03	4.00	4			0.03			
1	175	175-7	Microstand-Maser Tole-Boharatar Road	0.11	4.00	4			0.11			
1	175	175-8	Microstand-Maser Tole-Boharatar Road	0.41	5.00	5				0.41		
1	176	176-1		0.03	5.00	5				0.03		
1	176	176-2		0.06	3.50	3.5				0.06		
1	177	177-1		0.04	3.50	3.5				0.04		
1	177	177-2		0.08	3.00	3			0.08			
1	177	177-3		0.03	2.00	2			0.03			
1	10042	10042-1		0.02	3.00	3			0.02			
1	10043	10043-1		0.04	4.00	4			0.04			
1	10044	10044-1		0.03	4.00	4			0.03			
1	10045	10045-1		0.09	4.00	4			0.09			
1	10046	10046-1		0.41	0.50	0.5			0.41			
1	10047	10047-1		0.25	1.00	1			0.25			
1	10050	10050-1		0.13	5.50	5.5			0.13			
1	10050	10050-2		0.04	5.00	5			0.04			
1	10050	10050-3		0.04	5.00	5			0.04			
1	10050	10050-4		0.04	5.00	5			0.04			
1	10050	10050-5		0.07	4.00	4			0.07			
1	10050	10050-6		0.03	4.00	4			0.03			
1	10050	10050-7		0.04	4.00	4			0.04			
1	10084	10084-1		0.09	4.00	4			0.09			
1	10085	10085-1		0.11	4.00	4			0.11			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
2	1	1-1		0.04	5.00	5	0.04					
2	1	1-2		0.01	5.00	5		0.01				
2	1	1-3		0.02	5.00	5		0.02				
2	1	1-4		0.04	5.00	5		0.04				
2	1	1-5		0.01	5.00	5		0.01				
2	1	1-6		0.21	5.00	5		0.21				
2	1	1-7		0.02	5.00	5		0.02				
2	2	2-1		0.09	6.00	6			0.09			
2	2	2-2		0.02	4.00	4			0.02			
2	2	2-3		0.01	0.40	0.4			0.01			
2	2	2-4		0.05	4.00	4			0.05			
2	2	2-5		0.13	4.00	4			0.13			
2	3	3-1		0.26	3.00	3	0.26					
2	3	3-2		0.01	3.00	3						0.01
2	4	4-1		0.03	3.00	3	0.03					
2	5	5-1		0.16	5.00	5	0.16					
2	5	5-2		0.27	5.00	5				0.27		
2	5	5-3		0.06	5.00	5			0.06			
2	6	6-1		0.18	3.00	3	0.18					
2	6	6-2		0.03	3.00	3			0.03			
2	7	7-1	Army Medical-Radha Krishna Road	0.25	7.00	7	0.25					
2	7	7-2	Army Medical-Radha Krishna Road	0.10	7.00	7				0.10		
2	7	7-3	Army Medical-Radha Krishna Road	0.32	6.00	6	0.32					
2	7	7-4	Army Medical-Radha Krishna Road	0.06	4.00	4			0.06			
2	7	7-5	Army Medical-Radha Krishna Road	0.37	3.00	3	0.37					
2	8	8-1		0.07	5.00	5				0.07		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
2	8	8-2		0.46	4.00	4				0.46		
2	9	9-1		0.15	3.50	3.5				0.15		
2	10	10-1		0.16	3.50	3.5				0.16		
2	10	10-2		0.03	3.50	3.5			0.03			
2	10	10-3		0.03	3.50	3.5			0.03			
2	11	11-1		0.05	4.00	4	0.05					
2	12	12-1		0.16	3.50	3.5				0.16		
2	13	13-1		0.20	3.50	3.5				0.20		
2	14	14-1	Namgel chowk-Tinghare Road	0.17	5.50	5.5	0.17					
2	14	14-2	Namgel chowk-Tinghare Road	0.32	5.50	5.5	0.32					
2	14	14-3	Namgel chowk-Tinghare Road	0.21	5.50	5.5	0.21					
2	14	14-4	Namgel chowk-Tinghare Road	0.08	5.00	5			0.08			
2	15	15-1		0.07	4.00	4	0.07					
2	15	15-2		0.21	4.00	4				0.21		
2	16	16-1	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.11	6.00	6				0.11		
2	16	16-2	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.22	6.00	6	0.22					
2	16	16-3	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.02	6.00	6			0.02			
2	16	16-4	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.26	6.00	6	0.26					
2	16	16-5	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.21	3.50	3.5	0.21					
2	16	16-7	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.16	3.50	3.5				0.16		
2	17	17-1		0.22	4.00	4				0.22		
2	18	18-1		0.39	3.00	3				0.39		
2	19	19-1		0.15	3.00	3				0.15		
2	20	20-1		0.16	3.50	3.5				0.16		
2	21	21-1		0.09	1.00	1					0.09	

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
2	22	22-1		0.11	3.00	3				0.11		
2	22	22-2		0.02	3.50	3.5				0.02		
2	23	23-1		0.05	4.00	4				0.05		
2	23	23-2		0.12	3.00	3				0.12		
2	23	23-4		0.20	5.00	5	0.20					
2	24	24-1		0.05	3.00	3				0.05		
2	25	25-1		0.42	4.00	4				0.42		
2	25	25-2		0.11	3.00	3				0.11		
2	27	27-1		0.42	4.00	4	0.42					
2	28	28-1		0.04	3.00	3					0.04	
2	28	28-2		0.02	3.00	3			0.02			
2	29	29-1		0.02	4.00	4	0.02					
2	29	29-2		0.13	3.00	3				0.13		
2	29	29-3		0.07	4.00	4				0.07		
2	30	30-1		0.20	3.50	3.5				0.20		
2	31	31-1		0.12	5.00	5				0.12		
2	32	32-1		0.03	6.00	6				0.03		
2	32	32-2		0.09	4.00	4				0.09		
2	32	32-3		0.23	3.00	3				0.23		
2	33	33-1		0.13	4.00	4				0.13		
2	34	34-1		0.13	4.00	4				0.13		
2	35	35-1		0.15	4.00	4				0.15		
2	36	36-1	Sano Bharyang-Ward office Road	0.27	7.00	7	0.27					
2	36	36-2	Sano Bharyang-Ward office Road	0.23	6.00	6				0.23		
2	36	36-3	Sano Bharyang-Ward office Road	0.01	6.00	6			0.01			
2	36	36-4	Sano Bharyang-Ward office Road	0.06	6.00	6	0.06					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)						
							BT	GR	ER	RCC	STONE SOLING	BLOCKS	
2	36	36-5	Sano Bharyang-Ward office Road	0.19	6.00	6	0.19						
2	36	36-6	Sano Bharyang-Ward office Road	0.18	6.00	6	0.18						
2	36	36-7	Sano Bharyang-Ward office Road	0.40	6.00	6				0.40			
2	36	36-8	Sano Bharyang-Ward office Road	0.08	6.00	6			0.08				
2	37	37-1		0.10	4.00	4				0.10			
2	38	38-1		0.01	6.00	6				0.01			
2	38	38-2		0.07	3.00	3				0.07			
2	39	39-1		0.29	3.50	3.5				0.29			
2	40	40-1		0.26	3.50	3.5				0.26			
2	41	41-1		0.10	3.00	3	0.10						
2	41	41-2		0.11	3.00	3				0.11			
2	42	42-1		0.20	3.50	3.5			0.20				
2	43	43-1		0.07	3.00	3				0.07			
2	43	43-2		0.18	4.00	4				0.18			
2	44	44-1		0.20	4.00	4	0.20						
2	44	44-2		0.09	4.00	4				0.09			
2	44	44-3		0.05	3.00	3	0.05						
2	44	44-4		0.14	4.00	4	0.14						
2	45	45-1		0.11	4.00	4	0.11						
2	46	46-1		0.12	3.00	3	0.12						
2	47	47-1		0.12	4.00	4				0.12			
2	48	48-1		0.08	3.50	3.5				0.08			
2	50	50-1		0.10	6.00	4							0.10
2	51	51-1		0.09	3.00	3	0.09						
2	51	51-2		0.07	4.00	4				0.07			
2	52	52-1		0.04	7.00	7				0.04			
2	52	52-2		0.02	6.00	6				0.02			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
2	52	52-3		0.06	4.00	4				0.06		
2	52	52-4		0.06	4.00	4			0.06			
2	52	52-5		0.30	4.00	4	0.30					
2	53	53-1		0.11	5.00	5	0.11					
2	53	53-2		0.03	5.00	5	0.03					
2	53	53-3		0.79	6.00	6	0.79					
2	54	54-1		0.15	4.00	4				0.15		
2	54	54-2		0.11	4.00	4	0.11					
2	55	55-1		0.13	4.00	4				0.13		
2	56	56-1		0.06	3.00	3				0.06		
2	56	56-2		0.02	2.00	2				0.02		
2	56	56-3		0.02	1.40	1.4				0.02		
2	57	57-1		0.15	4.00	4				0.15		
2	57	57-2		0.13	3.50	3.5				0.13		
2	58	58-1		0.03	1.60	1.6					0.03	
2	58	58-2		0.12	3.50	3.5					0.12	
2	59	59-1		0.07	4.00	4					0.07	
2	59	59-2		0.02	3.00	3					0.02	
2	59	59-3		0.03	4.00	4				0.03		
2	59	59-4		0.03	4.00	4			0.03			
2	59	59-5		0.08	0.60	0.6			0.08			
2	59	59-6		0.08	0.60	0.6			0.08			
2	60	60-1		0.25	3.00	3	0.25					
2	60	60-2		0.06	4.00	4				0.06		
2	61	61-1		0.11	3.00	3	0.11					
2	62	62-1		0.14	4.00	4	0.14					
2	62	62-2		0.11	4.00	4	0.11					
2	64	64-1		0.16	3.00	3	0.16					
2	64	64-2		0.13	3.00	3			0.13			
2	65	65-1		0.01	3.00	3	0.01					
2	65	65-2		0.06	4.00	4				0.06		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
2	65	65-3		0.08	3.00	3				0.08		
2	65	65-4		0.04	1.00	1				0.04		
2	67	67-1		0.29	6.00	6	0.29					
2	67	67-2		0.01	6.00	6			0.01			
2	67	67-3		0.43	4.00	4	0.43					
2	68	68-1		0.15	5.00	5				0.15		
2	69	69-1		0.03	3.50	3.5				0.03		
2	70	70-1		0.04	3.50	3.5				0.04		
2	72	72-1		0.04	3.50	3.5	0.04					
2	73	73-1		0.16	3.00	3	0.16					
2	74	74-1		0.07	3.50	3.5				0.07		
2	75	75-1		0.07	3.50	3.5				0.07		
2	75	75-2		0.06	1.00	1				0.06		
2	76	76-1		0.01	4.00	4				0.01		
2	76	76-2		0.03	3.00	3				0.03		
2	77	77-1		0.06	4.00	4				0.06		
2	78	78-1		0.07	4.00	4				0.07		
2	79	79-1		0.05	5.00	5	0.05					
2	79	79-2		0.22	4.00	4	0.22					
2	80	80-1		0.13	3.00	3				0.13		
2	81	81-1		0.08	3.00	3				0.08		
2	81	81-2		0.09	3.00	3	0.09					
2	82	82-1		0.27	4.00	4	0.27					
2	83	83-1		0.22	4.00	4	0.22					
2	84	84-1		0.13	3.00	3	0.13					
2	85	85-1		0.07	3.00	3	0.07					
2	86	86-1		0.07	3.00	3	0.07					
2	86	86-2		0.03	3.00	3				0.03		
2	86	86-3		0.04	3.00	3	0.04					
2	87	87-1		0.08	3.00	3	0.08					
2	88	88-1		0.10	6.00	6	0.10					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
2	88	88-2		0.06	6.00	6				0.06		
2	88	88-3		0.17	6.00	6	0.17					
2	89	89-1		0.05	3.00	3	0.05					
2	89	89-2		0.07	3.00	3			0.07			
2	89	89-3		0.19	3.00	3	0.19					
2	90	90-1		0.15	3.00	3	0.15					
2	91	91-1		0.03	3.00	3			0.03			
2	91	91-2		0.03	3.00	3			0.03			
2	91	91-3		0.06	3.00	3	0.06					
2	91	91-4		0.04	3.00	3				0.04		
2	92	92-1		0.13	3.50	3.5	0.13					
2	92	92-2		0.05	3.50	3.5	0.05					
2	92	92-3		0.03	3.50	3.5	0.03					
2	92	92-4		0.13	3.50	3.5				0.13		
2	93	93-1		0.08	3.00	3	0.08					
2	94	94-1		0.08	6.00	6				0.08		
2	94	94-2		0.07	4.00	4				0.07		
2	94	94-2		0.00	4.00	4				0.00		
2	94	94-3		0.42	4.00	4	0.42					
2	96	96-1		0.16	5.00	5				0.16		
2	97	97-1		0.14	4.00	4				0.14		
2	98	98-1	Dhunge dhara-Radha krishna Mandir-Raniban Road	0.15	5.00	5	0.15					
2	98	98-2	Dhunge dhara-Radha krishna Mandir-Raniban Road	0.49	6.00	5	0.49					
2	98	98-3	Dhunge dhara-Radha krishna Mandir-Raniban Road	0.03	6.00	6				0.03		
2	98	98-4	Dhunge dhara-Radha krishna Mandir-Raniban Road	0.93	6.00	5	0.93					
2	98	98-5	Dhunge dhara-Radha krishna Mandir-Raniban Road	0.15	5.00	5	0.15					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)						
							BT	GR	ER	RCC	STONE SOLING	BLOCKS	
2	98	98-6	Dhunge dhara-Radha krishna Mandir-Raniban Road	0.09	5.00	5	0.09						
2	98	98-7	Dhunge dhara-Radha krishna Mandir-Raniban Road	0.09	6.00	6		0.09					
2	99	99-1		0.03	4.00	4					0.03		
2	99	99-2		0.14	3.50	3.5					0.14		
2	101	101-1		0.02	4.00	4					0.02		
2	101	101-2		0.41	3.00	3	0.41						
2	102	102-1		0.15	3.00	3	0.15						
2	103	103-1		0.08	3.00	3	0.08						
2	104	104-1		0.16	4.00	4			0.16				
2	105	105-1		0.03	3.00	3	0.03						
2	106	106-1		0.16	3.00	3	0.16						
2	106	106-2		0.05	1.00	1			0.05				
2	107	107-1		0.14	4.00	4					0.14		
2	107	107-2		0.03	4.00	4	0.03						
2	107	107-3		0.03	4.00	4	0.03						
2	107	107-4		0.05	4.00	4	0.05						
2	107	107-5		0.04	4.00	4	0.04						
2	107	107-6		0.04	3.00	3	0.04						
2	107	107-7		0.11	4.00	4			0.11				
2	108	108-1		0.39	4.00	4	0.39						
2	109	109-1		0.14	4.00	4					0.14		
2	109	109-2		0.09	3.00	3	0.09						
2	110	110-1		0.10	3.00	3	0.10						
2	111	111-1		0.12	3.00	3	0.12						
2	112	112-1		0.13	3.00	3	0.13						
2	113	113-1		0.03	4.00	4							0.03
2	114	114-1		0.13	3.50	3.5					0.13		
2	115	115-1		0.15	3.00	3	0.15						
2	116	116-1		0.06	3.00	3	0.06						

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
2	117	117-1		0.14	3.00	3	0.14					
2	118	118-1		0.07	3.00	3	0.07					
2	119	119-1		0.17	5.00	5	0.17					
2	119	119-2		0.03	5.00	5				0.03		
2	119	119-3		0.10	5.00	5	0.10					
2	120	120-1		0.04	4.00	4	0.04					
2	121	121-1		0.07	4.00	4	0.07					
2	122	122-1		0.03	4.00	4				0.03		
2	122	122-2		0.08	4.00	4	0.08					
2	123	123-1		0.11	4.00	4	0.11					
2	130	130-10		0.16	7.50	7.5			0.16			
2	130	130-12		0.03	6.00	6			0.03			
2	130	130-13		0.04	6.00	6			0.04			
2	130	130-14		0.05	6.00	6			0.05			
2	130	130-7		0.00	4.00	4				0.00		
2	130	130-8		0.05	6.00	6				0.05		
2	130	130-9		0.05	6.00	6			0.05			
2	133	133-10	Sonam Cafe-Gumba Road	0.04	4.00	4			0.04			
2	133	133-7	Sonam Cafe-Gumba Road	0.01	5.40	5.4	0.01					
2	133	133-8	Sonam Cafe-Gumba Road	0.05	6.00	6	0.05					
2	133	133-9	Sonam Cafe-Gumba Road	0.25	6.00	6	0.25					
2	142	142-4		0.12	7.00	7	0.12					
2	142	142-5		0.15	6.00	6	0.15					
2	151	151-1		0.07	6.00	6	0.07					
2	167	167-1		0.01	4.00	4			0.01			
2	167	167-1		0.00	4.00	4			0.00			
2	168	168-1	Microstand-Balbikash-Tindhara Road	0.01	4.00	4	0.01					
2	168	168-8	Microstand-Balbikash-Tindhara Road	0.03	8.00	8				0.03		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
2	200	200-10	Thulo Bharyang-Gairigaun Road	0.21	5.00	5	0.21					
2	200	200-11	Thulo Bharyang-Gairigaun Road	0.02	6.00	6				0.02		
2	200	200-12	Thulo Bharyang-Gairigaun Road	0.27	5.00	5	0.27					
2	200	200-13	Thulo Bharyang-Gairigaun Road	0.09	6.00	6				0.09		
2	200	200-9	Thulo Bharyang-Gairigaun Road	0.05	6.00	6				0.05		
2	206	206-6	Swyambhu-Panchdhara-Buddha Chowk Road	0.01	5.00	5				0.01		
2	207	207-1		0.02	4.00	4				0.02		
2	210	210-1		0.00	3.50	3.5				0.00		
2	211	211-2		0.06	3.00	3				0.06		
2	212	212-1		0.01	5.00	5				0.01		
2	212	212-3		0.02	5.00	5	0.02					
2	401	401-6		0.02	4.00	4			0.02			
2	401	401-7		0.02	4.00	4				0.02		
2	562	562-3	Kathmandu Ring Road	0.82	14.00	10	0.82					
2	562	562-3	Kathmandu Ring Road	0.00	14.00	10	0.00					
2	10017	10017-1		0.02	3.00	3			0.02			
2	10019	10019-1		0.02	2.00	2			0.02			
2	10022	10022-1		0.19	4.00	4			0.19			
2	10022	10022-2		0.08	3.00	3			0.08			
2	10023	10023-1		0.03	2.00	2			0.03			
2	10024	10024-1		0.12	3.00	3			0.12			
2	10025	10025-1		0.22	6.00	6	0.22					
2	10025	10025-2		0.09	6.00	6	0.09					
2	10026	10026-1		0.13	4.00	4			0.13			
2	10027	10027-1		0.13	3.00	3			0.13			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
2	10028	10028-1		0.31	6.00	6			0.31			
2	10029	10029-1		0.04	2.00	2			0.04			
2	10040	10040-1		0.23	3.00	3			0.23			
2	10041	10041-1		0.08	3.00	3			0.08			
2	10042	10042-1		0.23	3.00	3			0.23			
2	10044	10044-1		0.00	4.00	4			0.00			
2	10048	10048-1		0.21	2.50	2.5			0.21			
2	10049	10049-1		0.16	3.00	3			0.16			
2	10051	10051-1		0.07	3.50	3.5			0.07			
2	10052	10052-1		0.08	2.50	2.5			0.08			
2	10053	10053-1		0.07	3.00	3			0.07			
2	10054	10054-1		0.71	6.00	6	0.71					
2	10055	10055-1		0.07	1.00	1			0.07			
2	10056	10056-1		0.04	3.00	3			0.04			
2	10057	10057-1		0.11	6.00	6	0.11					
2	10058	10058-1		0.22	6.00	6	0.22					
2	10059	10059-1		0.05	2.00	2			0.05			
2	10060	10060-1		0.07	2.00	2			0.07			
2	10061	10061-1		0.05	3.00	3			0.05			
2	10062	10062-1		0.10	3.00	3			0.10			
2	10067	10067-1		0.09	3.00	3			0.09			
2	10078	10078-1		0.14	3.00	3			0.14			
2	10081	10081-1		0.14	3.50	3.5			0.14			
2	10083	10083-1		0.04	2.50	2.5			0.04			
2	10084	10084-1		0.06	4.00	4			0.06			
2	10086	10086-1		0.15	6.00	6	0.15					
2	10087	10087-1		0.26	3.00	3			0.26			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
3	16	16-10	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.05	5.00	5			0.05			
3	16	16-11	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.03	3.50	3.5			0.03			
3	16	16-5	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.10	3.50	3.5	0.10					
3	16	16-6	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.18	3.00	3			0.18			
3	16	16-7	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.18	3.50	3.5				0.18		
3	16	16-8	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.03	5.00	5			0.03			
3	16	16-9	Buddha Chowk-Tinghare-Lasunpur-Halchowk Road	0.04	3.50	3.5			0.04			
3	17	17-1		0.01	4.00	4				0.01		
3	18	18-1		0.05	3.00	3				0.05		
3	21	21-1		0.01	1.00	1					0.01	
3	23	23-3		0.02	6.00	6				0.02		
3	23	23-4		0.07	5.00	5	0.07					
3	23	23-5		0.03	6.00	6				0.03		
3	23	23-6		0.04	6.00	6	0.04					
3	200	200-1	Thulo Bharyang-Gairigaun Road	0.06	5.00	5			0.06			
3	200	200-10	Thulo Bharyang-Gairigaun Road	0.03	5.00	5	0.03					
3	200	200-11	Thulo Bharyang-Gairigaun Road	0.03	6.00	6				0.03		
3	200	200-13	Thulo Bharyang-Gairigaun Road	0.03	6.00	6				0.03		
3	200	200-14	Thulo Bharyang-Gairigaun Road	0.09	2.00	2			0.09			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
3	200	200-2	Thulo Bharyang-Gairigaun Road	0.07	3.00	3			0.07			
3	200	200-3	Thulo Bharyang-Gairigaun Road	0.04	3.00	3			0.04			
3	200	200-4		0.22	4.00	4				0.22		
3	200	200-5		0.10	5.00	5	0.10					
3	200	200-6		0.08	4.00	4	0.08					
3	200	200-7	Thulo Bharyang-Gairigaun Road	0.07	4.00	4	0.07					
3	200	200-8	Thulo Bharyang-Gairigaun Road	0.02	4.00	4	0.02					
3	200	200-9	Thulo Bharyang-Gairigaun Road	0.04	6.00	6				0.04		
3	201	201-1		0.17	3.00	3				0.17		
3	202	202-1		0.11	4.00	4				0.11		
3	203	203-1		0.01	3.00	3				0.01		
3	203	203-2		0.11	3.00	3			0.11			
3	204	204-1		0.03	3.00	3			0.03			
3	204	204-2		0.08	3.00	3				0.08		
3	205	205-1		0.15	7.00	7	0.15					
3	205	205-2		0.03	8.00	8	0.03					
3	205	205-3		0.02	8.00	8				0.02		
3	205	205-4		0.03	8.00	8			0.03			
3	206	206-1	Swyambhu-Panchdhara-Buddha Chowk Road	0.07	5.00	5	0.07					
3	206	206-2	Swyambhu-Panchdhara-Buddha Chowk Road	0.16	5.00	5				0.16		
3	206	206-3	Swyambhu-Panchdhara-Buddha Chowk Road	0.20	5.00	5	0.20					
3	206	206-4	Swyambhu-Panchdhara-Buddha Chowk Road	0.03	5.00	5				0.03		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
3	206	206-5	Swyambhu-Panchdhara-Buddha Chowk Road	0.14	5.00	5				0.14		
3	206	206-6	Swyambhu-Panchdhara-Buddha Chowk Road	0.07	5.00	5				0.07		
3	207	207-1		0.06	4.00	4				0.06		
3	207	207-2		0.04	4.00	4	0.04					
3	208	208-1		0.19	4.00	4				0.19		
3	208	208-2		0.04	5.00	5				0.04		
3	208	208-3		0.33	5.00	5				0.33		
3	208	208-4		0.08	4.00	4				0.08		
3	210	210-1		0.05	3.50	3.5				0.05		
3	211	211-2		0.05	3.00	3				0.05		
3	212	212-1		0.01	5.00	5				0.01		
3	212	212-10		0.03	5.00	5			0.03			
3	212	212-11		0.08	5.00	5	0.08					
3	212	212-2		0.07	3.50	3.5	0.07					
3	212	212-3		0.05	5.00	5	0.05					
3	212	212-4		0.04	3.00	3	0.04					
3	212	212-5		0.04	5.00	5				0.04		
3	212	212-6		0.07	5.00	5	0.07					
3	212	212-7		0.08	6.00	6				0.08		
3	212	212-8		0.21	5.00	5				0.21		
3	212	212-9		0.22	5.00	5	0.22					
3	400	400-1	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.03	7.00	7	0.03					
3	400	400-10	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.15	5.00	5				0.15		
3	400	400-11	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.06	4.00	4				0.06		
3	400	400-12	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.32	5.00	5	0.32					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
3	400	400-13	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.08	5.50	5	0.08					
3	400	400-14	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.05	6.00	6	0.05					
3	400	400-15	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.11	5.00	5	0.11					
3	400	400-16	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.66	5.00	5		0.66				
3	400	400-17	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.09	5.00	5		0.09				
3	400	400-18	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.05	8.00	8	0.05					
3	400	400-19	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.02	7.00	7	0.02					
3	400	400-2	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.09	7.00	7			0.09			
3	400	400-2	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.00	7.00	7			0.00			
3	400	400-20	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.02	5.00	5	0.02					
3	400	400-21	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.05	3.50	3.5	0.05					
3	400	400-22	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.10	4.00	4				0.10		
3	400	400-23	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.11	3.00	3				0.11		
3	400	400-24	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.14	3.00	3	0.14					
3	400	400-25	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.10	3.00	3				0.10		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
3	400	400-26	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.02	3.00	3				0.02		
3	400	400-27	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.05	4.00	4				0.05		
3	400	400-28	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.12	3.00	3				0.12		
3	400	400-29	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.06	4.00	4				0.06		
3	400	400-3	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.31	7.00	7			0.31			
3	400	400-3	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.00	7.00	7			0.00			
3	400	400-30	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.16	3.00	3				0.16		
3	400	400-30	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.00	3.00	3				0.00		
3	400	400-4	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.06	7.00	7			0.06			
3	400	400-5	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.08	9.00	9		0.08				
3	400	400-6	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.27	9.00	9		0.27				
3	400	400-6	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.00	9.00	9		0.00				
3	400	400-7	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.06	9.00	9		0.06				
3	400	400-8	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.03	9.00	9		0.03				
3	400	400-9	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.10	5.00	5	0.10					
3	402	402-1		0.06	4.00	4				0.06		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
3	402	402-2		0.12	3.00	3			0.12			
3	402	402-3		0.32	4.00	4				0.32		
3	402	402-4		0.27	3.00	3				0.27		
3	402	402-5		0.38	4.00	4				0.38		
3	403	403-1		0.17	4.00	4			0.17			
3	403	403-2		0.18	4.00	4				0.18		
3	404	404-1		0.03	3.00	3			0.03			
3	404	404-2		0.02	4.00	4				0.02		
3	404	404-3		0.07	3.00	3				0.07		
3	405	405-1		0.04	4.00	4				0.04		
3	405	405-2		0.04	3.00	3			0.04			
3	405	405-3		0.14	4.00	4				0.14		
3	405	405-4		0.02	3.00	3			0.02			
3	405	405-4		0.00	3.00	3			0.00			
3	406	406-1		0.05	4.00	4	0.05					
3	406	406-1		0.00	4.00	4	0.00					
3	406	406-2		0.23	5.00	5				0.23		
3	407	407-1		0.11	4.00	4				0.11		
3	407	407-2		0.11	5.00	5				0.11		
3	408	408-1		0.08	4.00	4				0.08		
3	408	408-2		0.02	3.00	3				0.02		
3	408	408-4		0.06	3.00	3				0.06		
3	408	408-5		0.04	3.00	3			0.04			
3	409	409-1		0.04	4.00	4	0.04					
3	409	409-2		0.06	4.00	4				0.06		
3	409	409-3		0.06	4.00	4	0.06					
3	409	409-4		0.03	4.00	4				0.03		
3	411	411-1		0.07	3.00	3				0.07		
3	411	411-2		0.10	3.00	3				0.10		
3	411	411-3		0.19	4.00	4				0.19		
3	411	411-4		0.11	4.00	4				0.11		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
3	412	412-1		0.13	3.00	3				0.13		
3	412	412-2		0.03	3.00	3				0.03		
3	412	412-3		0.04	3.50	3.5				0.04		
3	412	412-4		0.05	3.00	3			0.05			
3	412	412-5		0.06	3.00	3				0.06		
3	412	412-6		0.02	5.00	5			0.02			
3	412	412-7		0.02	3.00	3			0.02			
3	413	413-1		0.08	4.00	4				0.08		
3	413	413-2		0.08	1.00	1			0.08			
3	414	414-1		0.08	4.00	4				0.08		
3	414	414-2		0.05	2.60	2.6			0.05			
3	414	414-3		0.06	2.00	2			0.06			
3	414	414-4		0.02	4.00	4				0.02		
3	414	414-5		0.06	4.00	4			0.06			
3	414	414-6		0.05	4.00	4				0.05		
3	414	414-7		0.06	3.00	3				0.06		
3	414	414-8		0.15	4.00	4			0.15			
3	414	414-9		0.03	3.00	3			0.03			
3	415	415-1		0.11	1.00	1			0.11			
3	416	416-1		0.04	5.00	5				0.04		
3	416	416-2		0.07	4.00	4				0.07		
3	416	416-3		0.05	3.00	3				0.05		
3	416	416-4		0.12	3.00	3				0.12		
3	416	416-5		0.04	3.00	3			0.04			
3	416	416-6		0.05	3.00	3				0.05		
3	416	416-7		0.10	4.00	4			0.10			
3	417	417-1		0.07	3.00	3			0.07			
3	417	417-2		0.02	3.00	3				0.02		
3	418	418-1		0.02	4.00	4			0.02			
3	418	418-2		0.04	1.00	1				0.04		
3	419	419-1		0.16	4.00	4			0.16			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
3	420	420-1	Ichangu Mandir-Chisapani Danda Road	0.06	3.50	3.5				0.06		
3	420	420-2	Ichangu Mandir-Chisapani Danda Road	0.16	3.00	3			0.16			
3	420	420-3	Ichangu Mandir-Chisapani Danda Road	0.64	3.00	3			0.64			
3	420	420-4	Ichangu Mandir-Chisapani Danda Road	0.21	3.00	3				0.21		
3	420	420-5	Ichangu Mandir-Chisapani Danda Road	0.09	4.00	4				0.09		
3	420	420-6	Ichangu Mandir-Chisapani Danda Road	0.10	3.00	3				0.10		
3	562	562-3	Kathmandu Ring Road	0.54	14.00	10	0.54					
3	562	562-3	Kathmandu Ring Road	0.00	14.00	10	0.00					
3	562	562-3	Kathmandu Ring Road	0.00	14.00	10	0.00					
3	5019	5019-2	Bhadramati Corridor Road	0.05	6.00	6			0.05			
3	5019	5019-2	Bhadramati Corridor Road	0.00	6.00	6			0.00			
3	5019	5019-4	Sitapaila-Ichangu Road	0.16	5.50	5	0.16					
3	5019	5019-4	Sitapaila-Ichangu Road	0.00	5.50	5	0.00					
3	5555	5555-1		0.07	4.00	4				0.07		
3	5555	5555-1		0.00	4.00	4				0.00		
3	10016	10016-1		0.14	2.00	2			0.14			
3	10016	10016-1		0.00	2.00	2			0.00			
3	10017	10017-1		0.08	3.00	3			0.08			
3	10018	10018-1		0.19	1.00	1			0.19			
3	10019	10019-1		0.03	2.00	2			0.03			
3	10020	10020-1		0.06	5.00	5			0.06			
3	10021	10021-1		0.08	11.00	11			0.08			
3	10063	10063-1		0.04	6.00	6			0.04			
3	10064	10064-1		0.17	6.00	6			0.17			
3	10065	10065-1		0.05	7.00	7			0.05			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
3	10066	10066-1		0.24	7.00	7			0.24			
3	10067	10067-1		0.02	3.00	3			0.02			
3	10068	10068-1		0.37	3.00	3			0.37			
3	10068	10068-1		0.05	6.00	6			0.05			
3	10069	10069-1		0.07	1.00	1			0.07			
3	10080	10080-1		0.13	3.00	3			0.13			
3	10082	10082-1		0.02	3.00	3			0.02			
3	10189	10189-1		0.01	3.50	3.5			0.01			
3	10189	10189-1		0.00	3.50	3.5			0.00			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)						
							BT	GR	ER	RCC	STONE SOLING	BLOCKS	
4	400	400-1	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.04	7.00	7	0.04						
4	400	400-1	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.00	7.00	7	0.00						
4	500	500-1	Karkhana Chowk-Sitapaila Mandir Road	0.03	6.00	6		0.03					
4	500	500-10	Karkhana Chowk-Sitapaila Mandir Road	0.05	6.00	6	0.05						
4	500	500-11	Karkhana Chowk-Sitapaila Mandir Road	0.04	5.50	5	0.04						
4	500	500-2	Karkhana Chowk-Sitapaila Mandir Road	0.10	5.00	4	0.10						
4	500	500-3	Karkhana Chowk-Sitapaila Mandir Road	0.16	5.40	4.4	0.16						
4	500	500-4	Karkhana Chowk-Sitapaila Mandir Road	0.20	5.00	4	0.20						
4	500	500-5	Karkhana Chowk-Sitapaila Mandir Road	0.07	7.00	6	0.07						
4	500	500-6	Karkhana Chowk-Sitapaila Mandir Road	0.04	6.50	6	0.04						
4	500	500-7	Karkhana Chowk-Sitapaila Mandir Road	0.19	5.50	5	0.19						
4	500	500-8	Karkhana Chowk-Sitapaila Mandir Road	0.05	7.00	7	0.05						
4	500	500-9	Karkhana Chowk-Sitapaila Mandir Road	0.07	5.50	5	0.07						
4	501	501-1		0.43	4.60	4	0.43						
4	501	501-2		0.03	5.00	5				0.03			
4	501	501-3		0.10	5.00	4	0.10						
4	501	501-4		0.01	6.00	6			0.01				
4	502	502-1		0.05	3.00	3	0.05						

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
4	502	502-2		0.02	3.50	3.5				0.02		
4	502	502-3		0.03	3.00	3				0.03		
4	503	503-1		0.02	1.75	1.75				0.02		
4	503	503-2		0.04	3.00	3				0.04		
4	504	504-1		0.06	3.50	3.5				0.06		
4	504	504-2		0.08	3.50	3.5	0.08					
4	504	504-3		0.05	4.00	4				0.05		
4	504	504-4		0.03	3.50	3.5				0.03		
4	505	505-1		0.06	3.50	3.5				0.06		
4	506	506-1		0.07	3.00	3					0.07	
4	508	508-1		0.11	3.50	3.5	0.11					
4	509	509-1		0.15	4.00	4	0.15					
4	509	509-2		0.06	3.50	3.5				0.06		
4	509	509-3		0.03	3.00	3				0.03		
4	510	510-1		0.09	3.50	3.5					0.09	
4	510	510-2		0.07	3.50	3.5			0.07			
4	511	511-1		0.11	3.20	3.2				0.11		
4	512	512-1		0.06	3.50	3.5					0.06	
4	513	513-1	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.61	8.50	8	0.61					
4	513	513-16	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.10	9.50	7	0.10					
4	513	513-2	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.03	6.00	6	0.03					
4	513	513-3	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.36	6.50	6	0.36					
4	513	513-4	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.09	8.50	8				0.09		
4	513	513-5	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.15	8.50	8	0.15					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
4	513	513-6	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.06	8.50	8				0.06		
4	513	513-7	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.04	8.00	8	0.04					
4	514	514-1		0.05	3.50	3.5					0.05	
4	514	514-2		0.05	3.50	3.5				0.05		
4	515	515-1		0.04	4.00	4			0.04			
4	515	515-2		0.14	4.00	4	0.14					
4	515	515-3		0.09	5.00	5	0.09					
4	515	515-4		0.29	5.00	5	0.29					
4	516	516-1		0.02	3.50	3.5				0.02		
4	516	516-1		0.00	3.50	3.5				0.00		
4	516	516-2		0.01	4.00	4				0.01		
4	516	516-2		0.00	4.00	4				0.00		
4	516	516-3		0.06	4.00	4					0.06	
4	516	516-4		0.07	3.50	3.5					0.07	
4	516	516-5		0.02	3.50	3.5				0.02		
4	517	517-1		0.09	3.00	3				0.09		
4	517	517-2		0.04	3.50	3.5				0.04		
4	517	517-2		0.09	3.00	3				0.09		
4	517	517-3		0.08	3.50	3.5	0.08					
4	517	517-4		0.07	5.00	5	0.07					
4	518	518-1		0.02	4.00	4				0.02		
4	518	518-2		0.03	3.50	3.5	0.03					
4	518	518-3		0.02	3.50	3.5				0.02		
4	519	519-1		0.20	3.50	3.5				0.20		
4	520	520-1		0.38	4.00	4				0.38		
4	521	521-1		0.04	6.00	3			0.04			
4	522	522-1		0.10	3.50	3.5				0.10		
4	522	522-2		0.03	3.50	3.5	0.03					
4	523	523-1		0.11	3.50	3.5	0.11					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
4	523	523-2		0.03	3.00	3				0.03		
4	524	524-1		0.36	3.50	3.5				0.36		
4	525	525-1		0.05	5.00	5				0.05		
4	526	526-1	Sales berry-Sitaram School Road	0.18	5.80	5	0.18					
4	526	526-2	Sales berry-Sitaram School Road	0.08	5.50	5				0.08		
4	526	526-3	Sales berry-Sitaram School Road	0.14	5.80	5	0.14					
4	526	526-4	Sales berry-Sitaram School Road	0.05	5.50	5				0.05		
4	526	526-5	Sales berry-Sitaram School Road	0.03	5.80	5	0.03					
4	526	526-6	Sales berry-Sitaram School Road	0.05	5.00	5		0.05				
4	526	526-7	Sales berry-Sitaram School Road	0.07	5.80	5	0.07					
4	526	526-8	Sales berry-Sitaram School Road	0.45	5.50	5.5	0.45					
4	526	526-9	Sales berry-Sitaram School Road	0.34	5.50	5.5		0.34				
4	526	526-9	Sales berry-Sitaram School Road	0.00	5.50	5.5		0.00				
4	529	529-1		0.12	3.50	3.5				0.12		
4	529	529-2		0.01	3.50	3.5					0.01	
4	529	529-3		0.05	2.40	2.4					0.05	
4	529	529-4		0.02	3.00	3	0.02					
4	530	530-1		0.02	4.00	4				0.02		
4	530	530-2		0.08	3.00	3						0.08
4	530	530-3		0.04	4.00	4						0.04
4	530	530-4		0.09	3.00	3				0.09		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
4	531	531-1		0.18	4.00	4				0.18		
4	532	532-1		0.13	3.00	3	0.13					
4	532	532-2		0.33	4.00	4				0.33		
4	533	533-1		0.10	3.50	3.5				0.10		
4	533	533-2		0.04	3.00	3					0.04	
4	533	533-3		0.07	1.00	1					0.07	
4	533	533-4		0.03	3.50	3.5				0.03		
4	534	534-1		0.03	3.50	3.5						0.03
4	534	534-2		0.10	3.50	3.5				0.10		
4	535	535-1		0.06	3.00	3				0.06		
4	535	535-2		0.03	3.00	3						0.03
4	536	536-1		0.18	3.50	3.5				0.18		
4	536	536-2		0.41	4.00	4				0.41		
4	537	537-1		0.13	3.00	3				0.13		
4	538	538-1		0.05	3.00	3			0.05			
4	538	538-2		0.12	3.00	3				0.12		
4	538	538-3		0.03	3.00	3			0.03			
4	538	538-4		0.19	3.00	3						0.19
4	538	538-5		0.02	3.00	3			0.02			
4	539	539-1		0.07	4.00	4				0.07		
4	540	540-1		0.21	4.00	4				0.21		
4	540	540-2		0.16	3.50	3.5			0.16			
4	540	540-3		0.10	4.00	4			0.10			
4	541	541-1		0.39	5.00	5			0.39			
4	541	541-1		0.00	5.00	5			0.00			
4	542	542-1	Soltidobato-Mahankal Road	0.25	6.00	6			0.25			
4	542	542-1	Soltidobato-Mahankal Road	0.00	6.00	6			0.00			
4	542	542-2	Soltidobato-Mahankal Road	0.21	6.00	6				0.21		
4	542	542-3	Soltidobato-Mahankal Road	0.04	4.40	3.4	0.04					
4	542	542-4	Soltidobato-Mahankal Road	0.03	4.40	3.4	0.03					
4	542	542-5	Soltidobato-Mahankal Road	0.11	4.40	3.4	0.11					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
4	542	542-6	Soltidobato-Mahankal Road	0.19	5.00	5	0.19					
4	542	542-7	Soltidobato-Mahankal Road	0.04	5.00	4	0.04					
4	542	542-8	Soltidobato-Mahankal Road	0.45	5.00	5	0.45					
4	543	543-1		0.09	3.50	3.5				0.09		
4	544	544-1		0.23	3.50	3.5	0.23					
4	545	545-1		0.06	4.00	4			0.06			
4	546	546-1		0.05	3.00	3	0.05					
4	547	547-1		0.06	3.50	3.5			0.06			
4	547	547-2		0.22	3.50	3.5	0.22					
4	547	547-3		0.03	4.00	4	0.03					
4	547	547-4		0.04	3.50	3.5	0.04					
4	547	547-5		0.07	3.50	3.5	0.07					
4	547	547-6		0.14	4.00	4	0.14					
4	547	547-7		0.09	2.00	2			0.09			
4	548	548-1		0.03	3.50	3.5	0.03					
4	548	548-2		0.10	3.50	3.5				0.10		
4	549	549-1		0.05	3.50	3.5	0.05					
4	550	550-1		0.12	3.50	3.5	0.12					
4	550	550-2		0.01	4.50	4.5	0.01					
4	550	550-3		0.47	4.50	4.5	0.47					
4	550	550-4		0.03	4.50	4.5				0.03		
4	550	550-5		0.03	4.50	4.5		0.03				
4	551	551-1		0.03	3.50	3.5				0.03		
4	551	551-2		0.04	3.50	3.5				0.04		
4	551	551-3		0.02	3.50	3.5				0.02		
4	552	552-1		0.07	3.00	3				0.07		
4	552	552-2		0.03	3.00	3	0.03					
4	552	552-2		0.00	3.00	3	0.00					
4	552	552-3		0.11	3.50	3.5	0.11					
4	552	552-3		0.00	3.50	3.5	0.00					
4	553	553-1		0.06	3.50	3.5	0.06					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
4	553	553-2		0.03	3.00	3						0.03
4	554	554-1		0.01	3.00	3				0.01		
4	554	554-2		0.05	3.00	3				0.05		
4	554	554-3		0.03	3.00	3		0.03				
4	554	554-3		0.00	3.00	3		0.00				
4	555	555-1		0.06	3.00	3	0.06					
4	555	555-2		0.12	3.20	3.2				0.12		
4	555	555-3		0.02	3.20	3.2			0.02			
4	555	555-4		0.12	3.50	3.5						0.12
4	555	555-5		0.06	4.00	4				0.06		
4	556	556-1		0.26	3.50	3.5				0.26		
4	557	557-1		0.04	3.00	3			0.04			
4	557	557-1		0.00	3.00	3			0.00			
4	557	557-2		0.18	3.50	3.5						0.18
4	557	557-3		0.10	3.50	3.5				0.10		
4	558	558-1		0.07	4.00	4				0.07		
4	559	559-1		0.04	3.00	3						0.04
4	559	559-1		0.00	3.00	3						0.00
4	560	560-1		0.08	3.00	3						0.08
4	561	561-1		0.13	3.00	3				0.13		
4	561	561-2		0.02	3.00	3			0.02			
4	562	562-1		1.13	6.00	6		1.13				
4	562	562-2		0.44	10.00	10		0.44				
4	562	562-3	Kathmandu Ring Road	1.89	14.00	10	1.89					
4	562	562-3	Kathmandu Ring Road	0.00	14.00	10	0.00					
4	562	562-4		0.03	10.00	10		0.03				
4	563	563-1		0.13	1.40	1.4						0.13
4	563	563-2		0.04	3.00	3	0.04					
4	563	563-3		0.01	1.40	1.4						0.01
4	564	564-1		0.10	3.00	3						0.10
4	565	565-1		0.15	3.00	3						0.15

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
4	565	565-2		0.09	2.50	2.5			0.09			
4	566	566-1		0.06	3.00	3				0.06		
4	567	567-1		0.12	6.00	6	0.12					
4	568	568-1		0.27	4.00	4	0.27					
4	5002	5002-1		0.05	6.00	6				0.05		
4	5002	5002-1		0.00	6.00	6				0.00		
4	5005	5005-1		0.01	1.00	1				0.01		
4	5012	5012-1		0.04	5.00	5				0.04		
4	5012	5012-1		0.00	5.00	5				0.00		
4	5013	5013-1		0.03	5.00	5	0.03					
4	5013	5013-1		0.00	5.00	5	0.00					
4	5013	5013-2		0.01	5.00	5				0.01		
4	5016	5016-1		0.01	3.00	3		0.01				
4	5016	5016-1		0.00	3.00	3		0.00				
4	9004	9004-1		0.01	6.00	6	0.01					
4	9004	9004-1		0.00	6.00	6	0.00					
4	10002	10002-1		0.09	6.00	6	0.09					
4	10003	10003-1		0.05	6.00	6	0.05					
4	10003	10003-2		0.08	6.00	6	0.08					
4	10003	10003-3		0.06	6.00	6	0.06					
4	10003	10003-4		0.07	6.00	6	0.07					
4	10003	10003-5		0.07	6.00	6	0.07					
4	10003	10003-6		0.05	6.00	6	0.05					
4	10003	10003-7		0.08	6.00	6	0.08					
4	10004	10004-1		0.33	6.00	6	0.33					
4	10004	10004-2		0.10	6.00	6	0.10					
4	10005	10005-1		0.16	6.00	6	0.16					
4	10005	10005-2		0.03	6.00	6	0.03					
4	10006	10006-1		0.11	3.00	3			0.11			
4	10006	10006-2		0.16	3.00	3			0.16			
4	10006	10006-3		0.16	3.00	3			0.16			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
4	10007	10007-1		0.06	3.00	3			0.06			
4	10008	10008-1		0.10	5.00	5			0.10			
4	10009	10009-1		0.05	2.00	2			0.05			
4	10010	10010-1		0.03	1.00	1			0.03			
4	10011	10011-1		0.02	1.00	1			0.02			
4	10012	10012-1		0.06	2.00	2			0.06			
4	10013	10013-1		0.07	3.00	3			0.07			
4	10014	10014-1		0.02	6.00	6			0.02			
4	10015	10015-1		0.02	2.00	2			0.02			
4	10070	10070-1		0.07	6.00	6	0.07					
4	10071	10071-1		0.10	6.00	6	0.10					
4	10072	10072-1		0.08	6.00	6	0.08					
4	10073	10073-1		0.06	6.00	6	0.06					
4	10074	10074-1		0.09	6.00	6	0.09					
4	10075	10075-1		0.04	6.00	6	0.04					
4	10076	10076-1		0.20	2.00	2			0.20			
4	10077	10077-1		0.07	2.00	2			0.07			
4	10079	10079-1		0.07	3.00	3			0.07			
4	10087	10087-2		0.07	2.00	2			0.07			
4	10088	10088-1		0.06	6.00	6	0.06					
4	10134	10134-1		0.02	6.00	6			0.02			
4	10235	10235-1		0.10	5.00	5			0.10			
4	10235	10235-1		0.00	5.00	5			0.00			
4	10235	10235-1		0.00	5.00	5			0.00			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
5	400	400-1	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.03	7.00	7	0.03					
5	400	400-1	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.00	7.00	7	0.00					
5	400	400-2	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.03	7.00	7			0.03			
5	400	400-2	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.00	7.00	7			0.00			
5	400	400-3	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.01	7.00	7			0.01			
5	400	400-3	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.00	7.00	7			0.00			
5	400	400-6	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.09	9.00	9		0.09				
5	400	400-6	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.00	9.00	9		0.00				
5	405	405-4		0.01	3.00	3			0.01			
5	405	405-4		0.00	3.00	3			0.00			
5	405	405-5		0.02	5.00	5				0.02		
5	406	406-1		0.02	4.00	4	0.02					
5	406	406-1		0.00	4.00	4	0.00					
5	500	500-11	Karkhana Chowk-Sitapaila Mandir Road	0.18	5.50	5	0.18					
5	500	500-12	Karkhana Chowk-Sitapaila Mandir Road	0.04	5.50	5				0.04		
5	512	512-1		0.00	3.50	3.5					0.00	
5	513	513-1	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.02	8.50	8	0.02					
5	513	513-16	Kalimati - Sitapaila - Bhimdhunga - Dharke	1.53	9.50	7	1.53					
5	514	514-2		0.01	3.50	3.5				0.01		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
5	516	516-1		0.02	3.50	3.5				0.02		
5	516	516-1		0.00	3.50	3.5				0.00		
5	516	516-2		0.02	4.00	4				0.02		
5	516	516-2		0.00	4.00	4				0.00		
5	517	517-1		0.01	3.00	3				0.01		
5	5001	5001-1		1.19	5.00	5				1.19		
5	5001	5001-2		0.20	5.00	5			0.20			
5	5002	5002-1		0.26	6.00	6				0.26		
5	5002	5002-1		0.00	6.00	6				0.00		
5	5003	5003-1		0.40	5.00	5				0.40		
5	5004	5004-1		0.20	6.00	6				0.20		
5	5005	5005-1		0.18	1.00	1				0.18		
5	5006	5006-1		0.09	5.00	5				0.09		
5	5006	5006-2		0.11	5.00	5		0.11				
5	5006	5006-3		0.08	1.00	1			0.08			
5	5007	5007-1		0.42	6.00	6				0.42		
5	5007	5007-2		0.19	5.00	5			0.19			
5	5008	5008-1		0.84	6.00	6				0.84		
5	5008	5008-2		0.20	5.00	5			0.20			
5	5009	5009-1		0.27	1.00	1				0.27		
5	5010	5010-1		1.35	5.00	5				1.35		
5	5011	5011-1		0.09	5.00	5		0.09				
5	5011	5011-2		0.04	5.00	5				0.04		
5	5011	5011-3		0.26	3.00	3			0.26			
5	5012	5012-1		0.18	5.00	5				0.18		
5	5012	5012-1		0.00	5.00	5				0.00		
5	5013	5013-1		0.11	5.00	5	0.11					
5	5013	5013-1		0.00	5.00	5	0.00					
5	5013	5013-2		0.19	5.00	5				0.19		
5	5014	5014-1		0.24	5.00	5	0.24					
5	5016	5016-1		0.04	3.00	3		0.04				

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
5	5016	5016-1		0.00	3.00	3		0.00				
5	5016	5016-2		0.16	6.00	6	0.16					
5	5016	5016-3		0.34	6.00	6				0.34		
5	5017	5017-1		0.16	5.00	5				0.16		
5	5017	5017-2		0.28	5.00	5		0.28				
5	5017	5017-3		0.22	6.00	6				0.22		
5	5019	5019-1	Sitapaila-Ichangu Road	0.47	6.00	6	0.47					
5	5019	5019-2	Bhadramati Corridor Road	0.41	6.00	6			0.41			
5	5019	5019-2	Bhadramati Corridor Road	0.00	6.00	6			0.00			
5	5019	5019-3	Sitapaila-Ichangu Road	0.23	6.00	6			0.23			
5	5019	5019-4	Sitapaila-Ichangu Road	0.04	5.50	5	0.04					
5	5019	5019-4	Sitapaila-Ichangu Road	0.00	5.50	5	0.00					
5	5020	5020-1		0.42	6.00	6				0.42		
5	5022	5022-1		0.23	5.00	5		0.23				
5	5023	5023-1		0.15	5.00	5			0.15			
5	5024	5024-1		0.30	0.50	0.5			0.30			
5	5025	5025-1		0.61	5.00	5				0.61		
5	5045	5045-1		0.19	6.00	5	0.19					
5	5046	5046-1		0.05	6.00	5	0.05					
5	5047	5047-1		0.07	6.00	5	0.07					
5	5048	5048-1		0.08	6.00	5	0.08					
5	5090	5090-1		0.07	5.00	5						0.07
5	5090	5090-2		0.03	5.00	5		0.03				
5	5090	5090-3		0.10	5.00	5	0.10					
5	5091	5091-1		0.07	5.00	5			0.07			
5	5092	5092-1		0.18	5.00	5				0.18		
5	5092	5092-2		0.11	5.00	5				0.11		
5	5093	5093-1		0.14	6.00	5		0.14				
5	5093	5093-2		0.01	6.00	5	0.01					
5	5094	5094-1		0.12	6.00	5		0.12				
5	5096	5096-1		0.50	5.00	5				0.50		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
5	5097	5097-1		0.12	4.00	4		0.12				
5	5097	5097-2		0.14	4.00	4				0.14		
5	5510	5510-1		0.27	6.00	6	0.27					
5	5511	5511-1		0.18	6.00	5	0.18					
5	5512	5512-1		0.15	6.00	5	0.15					
5	5513	5513-1		0.05	6.00	5	0.05					
5	5513	5513-2		0.10	6.00	5		0.10				
5	5513	5513-3		0.11	6.00	5	0.11					
5	5514	5514-1		0.20	6.00	5		0.20				
5	5515	5515-1		0.24	6.00	5	0.24					
5	5516	5516-1		0.04	6.00	5	0.04					
5	5517	5517-1		0.21	6.00	5	0.21					
5	5555	5555-1		0.17	4.00	4				0.17		
5	5555	5555-1		0.00	4.00	4				0.00		
5	5556	5556-1		0.03	4.00	4				0.03		
5	5557	5557-1		0.29	4.00	4				0.29		
5	5558	5558-1		0.58	4.00	4				0.58		
5	5559	5559-1		0.20	5.00	5				0.20		
5	6015	6015-1		0.11	5.00	5			0.11			
5	6035	6035-1	Aadeshwor-Whitegumba-Nayagaun Road	1.88	7.00	7	1.88					
5	6083	6083-3		0.03	6.00	6		0.03				
5	7096	7096-1		0.45	6.00	6				0.45		
5	8003	8003-1	Fasku-Ghattekhola-Nursery Bhanjyang Road	0.30	6.00	6	0.30					
5	10016	10016-1		0.04	2.00	2			0.04			
5	10016	10016-1		0.00	2.00	2			0.00			
5	10079	10079-1		0.11	3.00	3			0.11			
5	10115	10115-1		0.05	6.00	6			0.05			
5	10116	10116-1		0.10	4.00	4			0.10			
5	10119	10119-1		0.04	6.00	6	0.04					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
5	10121	10121-1		0.16	2.50	2.5			0.16			
5	10122	10122-1		0.06	3.00	3			0.06			
5	10123	10123-1		0.03	3.00	3			0.03			
5	10124	10124-1		0.04	6.00	6	0.04					
5	10126	10126-1		0.14	3.00	3			0.14			
5	10127	10127-1		0.05	3.00	3			0.05			
5	10128	10128-1		0.11	3.00	3			0.11			
5	10129	10129-1		0.02	3.00	3			0.02			
5	10130	10130-1		0.04	3.00	3			0.04			
5	10131	10131-1		0.29	3.00	3			0.29			
5	10133	10133-1		0.11	4.00	4			0.11			
5	10134	10134-1		0.11	6.00	6			0.11			
5	10135	10135-1		0.10	6.00	6			0.10			
5	10136	10136-1		0.07	3.50	3.5			0.07			
5	10137	10137-1		0.13	1.00	1			0.13			
5	10138	10138-1		0.03	3.00	3			0.03			
5	10139	10139-1		0.02	3.50	3.5			0.02			
5	10140	10140-1		0.06	3.50	3.5			0.06			
5	10141	10141-1		0.13	2.50	2.5			0.13			
5	10142	10142-1		0.16	3.00	3			0.16			
5	10143	10143-1		0.06	4.00	4			0.06			
5	10144	10144-1		0.09	4.00	4			0.09			
5	10145	10145-1		0.09	3.00	3			0.09			
5	10146	10146-1		0.10	3.00	3			0.10			
5	10148	10148-1		0.03	2.50	2.5			0.03			
5	10149	10149-1		0.09	3.00	3			0.09			
5	10150	10150-1		0.08	3.00	3			0.08			
5	10151	10151-1		0.07	3.00	3			0.07			
5	10153	10153-1		0.06	3.00	3			0.06			
5	10154	10154-1		0.03	6.00	6	0.03					
5	10155	10155-1		0.02	6.00	6	0.02					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
5	10156	10156-1		0.11	6.00	6	0.11					
5	10157	10157-1		0.03	6.00	6	0.03					
5	10158	10158-1		0.07	6.00	6	0.07					
5	10159	10159-1		0.07	6.00	6	0.07					
5	10160	10160-1		0.04	5.00	5			0.04			
5	10163	10163-1		0.21	2.00	2			0.21			
5	10164	10164-1		0.08	3.00	3			0.08			
5	10165	10165-1		0.05	3.00	3			0.05			
5	10198	10198-1		0.04	1.00	1			0.04			
5	10199	10199-1		0.01	6.00	6	0.01					
5	10201	10201-1		0.04	5.00	5			0.04			
5	10264	10264-1		0.03	1.00	1			0.03			
5	50001	50001-1		0.35	6.00	5	0.35					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
6	400	400-30	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.05	3.00	3				0.05		
6	400	400-30	Shobhabhagwati-Nishangaun-Halchok-Narayanthan Road	0.00	3.00	3				0.00		
6	513	513-14	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.05	7.00	7			0.05			
6	513	513-15	Kalimati - Sitapaila - Bhimdhunga - Dharke	1.04	7.00	7	1.04					
6	513	513-16	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.12	9.50	7	0.12					
6	526	526-10	Sales berry-Sitaram School Road	0.21	8.00	8		0.21				
6	526	526-11	Sales berry-Sitaram School Road	1.61	10.50	8	1.61					
6	526	526-9	Sales berry-Sitaram School Road	0.04	5.50	5.5		0.04				
6	526	526-9	Sales berry-Sitaram School Road	0.00	5.50	5.5		0.00				
6	541	541-1		0.06	5.00	5			0.06			
6	541	541-1		0.00	5.00	5			0.00			
6	542	542-1	Soltidobato-Mahankal Road	0.00	6.00	6			0.00			
6	542	542-1	Soltidobato-Mahankal Road	0.00	6.00	6			0.00			
6	542	542-10	Soltidobato-Mahankal Road	1.26	8.00	8		1.26				
6	542	542-11	Soltidobato-Mahankal Road	0.27	8.50	8	0.27					
6	542	542-9	Soltidobato-Mahankal Road	0.59	8.00	8		0.59				
6	5093	5093-1		0.12	6.00	5		0.12				
6	5093	5093-2		0.12	6.00	5	0.12					
6	5094	5094-1		0.02	6.00	5		0.02				
6	5094	5094-2		0.03	6.00	5	0.03					
6	5514	5514-1		0.09	6.00	5		0.09				
6	5516	5516-1		0.10	6.00	5	0.10					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
6	6002	6002-1		0.09	6.00	6		0.09				
6	6002	6002-2		0.27	5.00	5				0.27		
6	6003	6003-1		0.03	5.00	5				0.03		
6	6003	6003-2		0.07	4.00	4		0.07				
6	6004	6004-1		0.06	4.00	4				0.06		
6	6004	6004-2		0.06	4.00	4			0.06			
6	6004	6004-3		0.07	4.00	4				0.07		
6	6004	6004-4		0.09	4.00	4			0.09			
6	6004	6004-5		0.27	4.00	4			0.27			
6	6005	6005-1	Ghattetar-Hasantar-Road	0.33	5.00	5		0.33				
6	6006	6006-1		0.05	6.00	6				0.05		
6	6006	6006-2		0.28	5.00	5		0.28				
6	6007	6007-1		0.30	4.00	4			0.30			
6	6008	6008-1		0.09	4.00	4			0.09			
6	6015	6015-1		0.36	5.00	5			0.36			
6	6016	6016-1		0.41	4.00	4			0.41			
6	6016	6016-2		0.27	4.00	4			0.27			
6	6017	6017-1		0.45	4.00	4		0.45				
6	6018	6018-1		0.19	4.00	4		0.19				
6	6018	6018-2		0.21	4.00	4				0.21		
6	6019	6019-1		0.17	4.00	4				0.17		
6	6023	6023-1		0.60	5.00	5			0.60			
6	6024	6024-1	Hamyra Chautara-Ghattekhola Road	0.21	6.00	6				0.21		
6	6024	6024-2	Hamyra Chautara-Ghattekhola Road	0.50	6.00	6			0.50			
6	6025	6025-1		0.38	4.00	4		0.38				
6	6026	6026-1		0.34	4.00	4				0.34		
6	6026	6026-2		0.11	4.00	4		0.11				
6	6027	6027-1		0.28	4.00	4		0.28				
6	6028	6028-1		0.22	4.00	4		0.22				

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
6	6029	6029-1		0.08	4.00	4		0.08				
6	6029	6029-2		0.05	4.00	4		0.05				
6	6029	6029-3		0.03	4.00	4		0.03				
6	6029	6029-4	Mahankal-Jayanti Gaun Road	0.15	4.00	4		0.15				
6	6029	6029-5	Mahankal-Jayanti Gaun Road	0.26	4.00	4		0.26				
6	6030	6030-1		0.35	5.00	5		0.35				
6	6030	6030-2		0.15	5.00	5				0.15		
6	6032	6032-1	Ramkot-Barbot Road	0.12	5.00	5		0.12				
6	6032	6032-2	Ramkot-Barbot Road	0.40	5.00	5				0.40		
6	6032	6032-3	Ramkot-Barbot Road	0.40	5.00	5				0.40		
6	6032	6032-4	Ramkot-Barbot Road	0.13	4.00	4			0.13			
6	6032	6032-5	Ramkot-Barbot Road	0.07	4.00	4			0.07			
6	6033	6033-1		0.40	4.00	4		0.40				
6	6034	6034-1		0.69	5.00	5		0.69				
6	6035	6035-1	Aadeshwor-Whitegumba-Nayagaun Road	0.06	7.00	7	0.06					
6	6035	6035-3		0.34	6.00	6		0.34				
6	6035	6035-4	Aadeshwor-Whitegumba-Nayagaun Road	0.43	6.00	6		0.43				
6	6035	6035-5	Aadeshwor-Whitegumba-Nayagaun Road	0.10	6.00	6		0.10				
6	6035	6035-6	Aadeshwor-Whitegumba-Nayagaun Road	0.39	5.00	5		0.39				
6	6035	6035-7	Aadeshwor-Whitegumba-Nayagaun Road	0.18	6.90	6				0.18		
6	6035	6035-8	Aadeshwor-Whitegumba-Nayagaun Road	0.12	5.00	5			0.12			
6	6036	6036-1		0.12	5.00	5				0.12		
6	6036	6036-2		0.32	5.00	5			0.32			
6	6070	6070-1		0.21	4.00	4				0.21		
6	6070	6070-2		0.17	4.00	4		0.17				

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
6	6080	6080-1		0.51	6.00	6		0.51				
6	6080	6080-2		0.11	1.00	1			0.11			
6	6081	6081-1		0.27	6.00	6		0.27				
6	6082	6082-1		0.16	6.00	6		0.16				
6	6083	6083-1		0.10	6.00	6		0.10				
6	6083	6083-2		0.11	6.50	6				0.11		
6	6083	6083-3		0.27	6.00	6		0.27				
6	6090	6090-1		0.21	5.00	5		0.21				
6	6091	6091-1		0.13	5.00	5		0.13				
6	6092	6092-1		0.20	5.00	5		0.20				
6	7030	7030-2	Tarapunja-Sotigaun Road	0.01	7.00	7				0.01		
6	8003	8003-1	Fasku-Ghattekhola-Nursery Bhanjyang Road	2.06	6.00	6	2.06					
6	8005	8005-3		0.06	5.00	5				0.06		
6	10095	10095-1		0.15	1.00	1			0.15			
6	10096	10096-1		0.11	3.00	3			0.11			
6	10109	10109-1		0.02	2.00	2			0.02			
6	10110	10110-1		0.10	4.00	4			0.10			
6	10111	10111-1		0.10	4.00	4			0.10			
6	10112	10112-1		0.16	3.00	3			0.16			
6	10113	10113-1		0.26	4.00	4			0.26			
6	10114	10114-1		0.03	6.00	6			0.03			
6	10117	10117-1		0.03	6.00	6	0.03					
6	10118	10118-1		0.06	6.00	6	0.06					
6	10120	10120-1		0.38	2.00	2			0.38			
6	10132	10132-1		0.24	3.00	3			0.24			
6	10152	10152-1		0.09	1.00	1			0.09			
6	10153	10153-1		0.01	3.00	3			0.01			
6	10155	10155-1		0.01	6.00	6	0.01					
6	10161	10161-1		0.03	6.00	6	0.03					
6	10162	10162-1		0.07	6.00	6	0.07					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
6	10166	10166-1		0.23	4.00	4			0.23			
6	10167	10167-1		0.04	4.00	4			0.04			
6	10168	10168-1		0.10	4.00	4			0.10			
6	10169	10169-1		0.09	3.00	3			0.09			
6	10170	10170-1		0.19	1.00	1			0.19			
6	10189	10189-1		0.20	3.50	3.5			0.20			
6	10189	10189-1		0.00	3.50	3.5			0.00			
6	10190	10190-1		0.36	3.00	3			0.36			
6	10199	10199-1		0.02	6.00	6	0.02					
6	10200	10200-1		0.03	6.00	6	0.03					
6	10213	10213-1		0.10	3.00	3			0.10			
6	10233	10233-1		0.07	3.00	3			0.07			
6	10235	10235-1		0.09	5.00	5			0.09			
6	10235	10235-1		0.00	5.00	5			0.00			
6	10264	10264-1		0.09	1.00	1			0.09			
6	10266	10266-1		0.08	4.00	4			0.08			
6	10269	10269-1		0.04	4.00	4			0.04			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
7	513	513-14	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.51	7.00	7			0.51			
7	513	513-15	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.38	7.00	7	0.38					
7	542	542-11	Soltidobato-Mahankal Road	0.26	8.50	8	0.26					
7	6005	6005-1	Ghattetar-Hasantar-Road	0.73	5.00	5		0.73				
7	6005	6005-2	Ghattetar-Hasantar-Road	0.12	4.00	4		0.12				
7	6005	7015-3	Ghattetar-Hasantar-Road	0.03	5.90	5				0.03		
7	6005	7015-4	Ghattetar-Hasantar-Road	0.05	5.90	5		0.05				
7	6006	6006-1		0.08	6.00	6				0.08		
7	6006	6006-2		0.30	5.00	5		0.30				
7	6024	6024-2	Hamyra Chautara-Ghattekhola Road	0.05	6.00	6			0.05			
7	6029	6029-5	Mahankal-Jayanti Gaun Road	0.01	4.00	4		0.01				
7	6031	6031-1	Ghadipasal-Purigaun Road	0.33	7.00	7				0.33		
7	6031	6031-2	Ghadipasal-Purigaun Road	0.16	7.00	7		0.16				
7	6031	6031-3	Ghadipasal-Purigaun Road	0.20	7.00	7				0.20		
7	7001	7001-1		0.30	7.00	6				0.30		
7	7001	7001-2		0.09	6.00	6		0.09				
7	7001	7001-3		0.41	6.00	6				0.41		
7	7002	7002-1		0.05	5.00	5		0.05				
7	7003	7003-1		0.12	6.00	6			0.12			
7	7003	7003-2		0.18	6.00	6			0.18			
7	7003	7003-3		0.44	6.00	6			0.44			
7	7003	7003-4	Soti Gaun-Badalkot Road	0.86	6.00	6			0.86			
7	7004	7004-1		0.39	6.00	6				0.39		
7	7005	7005-1		0.28	6.00	6		0.28				
7	7006	7006-1		0.07	4.00	4				0.07		
7	7007	7007-1		0.09	5.00	5				0.09		
7	7007	7007-2		0.07	5.00	5	0.07					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
7	7008	7008-1	Panchakanya School-Naikap Road	0.35	7.00	7	0.35					
7	7009	7009-1		0.50	5.00	5			0.50			
7	7010	7010-1		0.70	5.50	5			0.70			
7	7010	7010-2		0.02	5.00	5			0.02			
7	7010	7010-3		0.10	6.00	6				0.10		
7	7011	7011-1		0.62	6.90	6	0.62					
7	7012	7012-1		0.24	8.00	8			0.24			
7	7013	7013-1		0.88	6.00	6			0.88			
7	7014	7014-1		0.65	5.00	5			0.65			
7	7015	7015-1		0.23	2.00	2			0.23			
7	7015	7015-2		0.15	3.00	3		0.15				
7	7016	7016-1		0.12	4.00	4		0.12				
7	7017	7017-1		0.12	2.00	2			0.12			
7	7018	7018-1		0.78	4.00	4	0.78					
7	7019	7019-1	Mahankal-Godam Chowk Road	0.12	7.50	7	0.12					
7	7019	7019-2	Mahankal-Godam Chowk Road	0.14	6.00	6		0.14				
7	7019	7019-3	Mahankal-Godam Chowk Road	0.45	6.90	6				0.45		
7	7019	7019-4	Mahankal-Godam Chowk Road	0.25	7.00	7	0.25					
7	7019	7019-5	Godamthok-Gurung Danda Road	0.09	7.00	7	0.09					
7	7019	7019-6	Godamthok-Gurung Danda Road	0.64	7.50	7				0.64		
7	7019	7019-7	Godamthok-Gurung Danda Road	0.22	6.00	6				0.22		
7	7020	7020-1		0.37	5.50	5		0.37				
7	7021	7021-1		0.31	6.90	6				0.31		

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
7	7021	7021-2		0.36	6.00	6			0.36			
7	7021	7021-3		0.25	5.90	5				0.25		
7	7022	7022-1		0.64	6.00	6				0.64		
7	7022	7022-2		0.03	6.00	6				0.03		
7	7023	7023-1		0.24	6.00	6			0.24			
7	7023	7023-2		0.15	6.50	6			0.15			
7	7024	7024-1		0.23	4.00	4				0.23		
7	7025	7025-1		0.38	4.00	4				0.38		
7	7025	7025-1		0.00	4.00	4				0.00		
7	7030	7030-1	Tarapunja-Sotigaun Road	0.04	7.00	7			0.04			
7	7030	7030-2	Tarapunja-Sotigaun Road	0.47	7.00	7				0.47		
7	8007	8007-4	Bhimdhunga-Switzerland Park Road	0.10	6.00	6	0.10					
7	8007	8007-5	Bhimdhunga-Switzerland Park Road	0.43	4.00	4			0.43			
7	8020	8020-1		0.06	4.00	4			0.06			
7	8020	8020-2		0.12	4.00	4				0.12		
7	8022	8022-1		0.00	4.00	4			0.00			
7	9001	9001-2	Ward office-Healthpost Road	0.15	7.50	7	0.15					
7	9009	9009-1	Syuchatar-Hasantar-Nursery Bhanjyang Road	3.20	7.00	7	3.20					
7	9009	9009-2	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.01	7.50	7				0.01		
7	9009	9009-3	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.85	6.50	6			0.85			
7	9009	9009-4	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.18	6.00	6			0.18			
7	9009	9009-5	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.58	7.00	7			0.58			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
7	9009	9009-7	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.00	7.00	7	0.00					
7	9009	9009-8	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.04	6.00	6			0.04			
7	10089	10089-1		0.23	1.00	1			0.23			
7	10093	10093-1		0.05	2.00	2			0.05			
7	10104	10104-1		0.11	1.00	1			0.11			
7	10105	10105-1		0.11	2.00	2			0.11			
7	10106	10106-1		0.10	1.00	1			0.10			
7	10107	10107-1		0.08	1.00	1			0.08			
7	10108	10108-1		0.12	2.00	2			0.12			
7	10109	10109-1		0.02	2.00	2			0.02			
7	10171	10171-1		0.09	2.00	2			0.09			
7	10172	10172-1		0.08	3.00	3			0.08			
7	10173	10173-1		0.05	3.00	3			0.05			
7	10174	10174-1		0.09	3.00	3			0.09			
7	10175	10175-1		0.10	1.00	1			0.10			
7	10176	10176-1		0.16	3.00	3			0.16			
7	10177	10177-1		0.07	3.00	3			0.07			
7	10178	10178-1		0.04	6.00	6			0.04			
7	10179	10179-1		0.08	6.00	6			0.08			
7	10180	10180-1		0.04	6.00	6			0.04			
7	10181	10181-1		0.06	6.00	6			0.06			
7	10182	10182-1		0.05	6.00	6			0.05			
7	10203	10203-1		0.12	1.00	1			0.12			
7	10214	10214-1		0.09	1.50	1.5			0.09			
7	10225	10225-1		0.11	2.00	2			0.11			
7	10235	10235-1		0.03	5.00	5			0.03			
7	10235	10235-1		0.00	5.00	5			0.00			
7	10258	10258-1		0.07	4.00	4			0.07			
7	10270	10270-1		0.08	4.00	4			0.08			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
8	513	513-10	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.08	6.50	6			0.08			
8	513	513-11	Kalimati - Sitapaila - Bhimdhunga - Dharke	1.04	6.50	6			1.04			
8	513	513-12	Kalimati - Sitapaila - Bhimdhunga - Dharke	2.26	8.00	8			2.26			
8	513	513-13	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.28	7.00	7		0.28				
8	513	513-14	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.82	7.00	7			0.82			
8	513	513-8	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.03	4.00	4			0.03			
8	513	513-9	Kalimati - Sitapaila - Bhimdhunga - Dharke	0.09	4.00	4			0.09			
8	6024	6024-2	Hamyra Chautara-Ghattekhola Road	0.27	6.00	6			0.27			
8	6035	6035-2		0.28	6.00	6		0.28				
8	8001	8001-1		0.10	5.00	5				0.10		
8	8001	8001-2		0.09	5.00	5			0.09			
8	8001	8001-3		0.19	5.50	5				0.19		
8	8001	8001-4		0.17	5.00	5			0.17			
8	8001	8001-5		0.47	5.00	5				0.47		
8	8002	8002-1		0.29	1.00	1			0.29			
8	8002	8002-2		0.05	3.00	3			0.05			
8	8003	8003-1	Fasku-Ghattekhola-Nursery Bhanjyang Road	1.50	6.00	6	1.50					
8	8003	8003-2	Fasku-Ghattekhola-Nursery Bhanjyang Road	0.37	6.00	6			0.37			
8	8003	8003-3	Fasku-Ghattekhola-Nursery Bhanjyang Road	0.57	6.00	6	0.57					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
8	8003	8019-1	Fasku-Ghattekhola-Nursery Bhanjyang Road	0.05	4.00	4		0.05				
8	8003	8019-2	Fasku-Ghattekhola-Nursery Bhanjyang Road	0.54	6.00	6	0.54					
8	8004	8004-1		0.74	6.50	6				0.74		
8	8005	8005-1	Ghatte khola-Bhirkot-Thaple Road	0.13	5.00	5		0.13				
8	8005	8005-2	Ghatte khola-Bhirkot-Thaple Road	0.11	5.00	5				0.11		
8	8005	8005-3		0.01	5.00	5				0.01		
8	8005	8005-4	Ghatte khola-Bhirkot-Thaple Road	2.99	5.00	5		2.99				
8	8006	8006-1		0.38	5.00	5			0.38			
8	8006	8006-2		0.09	5.00	5				0.09		
8	8007	8007-1	Bhimdhunga-Switzerland Park Road	0.15	6.50	6			0.15			
8	8007	8007-2		0.54	6.50	6			0.54			
8	8007	8007-3	Bhimdhunga-Switzerland Park Road	0.11	6.50	6			0.11			
8	8007	8007-4	Bhimdhunga-Switzerland Park Road	0.84	6.00	6	0.84					
8	8007	8007-5	Bhimdhunga-Switzerland Park Road	0.06	4.00	4			0.06			
8	8008	8008-1	Bhim Dhunga Buspark-Thaple Road	0.74	7.00	6				0.74		
8	8008	8008-2	Bhim Dhunga Buspark-Thaple Road	2.01	6.00	6		2.01				
8	8009	8009-1		0.29	1.00	1			0.29			
8	8010	8010-1		0.76	5.00	5			0.76			
8	8011	8011-1		0.38	5.00	5			0.38			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
8	8012	8012-1	Nursery-Majhuwa-Chisapani Road	0.24	8.00	8			0.24			
8	8012	8012-2	Nursery-Majhuwa-Chisapani Road	0.90	8.00	8			0.90			
8	8013	8013-1		0.25	5.00	5				0.25		
8	8014	8014-1	Khadkagaun-Kapur-Pakhure Road	4.05	5.00	5		4.05				
8	8015	8015-1		0.09	3.00	3			0.09			
8	8015	8015-2		0.25	1.00	1			0.25			
8	8017	8017-1		0.46	4.00	4			0.46			
8	8018	8018-1		0.67	4.00	4			0.67			
8	8019	8019-1		0.05	7.00	7		0.05				
8	8020	8020-1		0.16	4.00	4			0.16			
8	8020	8020-2		0.13	4.00	4				0.13		
8	8022	8022-1		0.17	4.00	4			0.17			
8	8099	8099-1		0.66	0.50	0.5			0.66			
8	9009	9009-5	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.05	7.00	7			0.05			
8	9009	9009-6	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.59	8.00	8			0.59			
8	10090	10090-1		0.18	1.00	1			0.18			
8	10091	10091-1		0.03	3.00	3			0.03			
8	10092	10092-1		0.04	3.00	3			0.04			
8	10094	10094-1		0.14	1.00	1			0.14			
8	10096	10096-1		0.03	3.00	3			0.03			
8	10097	10097-1		0.06	1.00	1			0.06			
8	10098	10098-1		0.09	2.00	2			0.09			
8	10099	10099-1		0.12	3.00	3			0.12			
8	10100	10100-1		0.06	4.00	4			0.06			
8	10101	10101-1		0.08	4.00	4			0.08			
8	10102	10102-1		0.03	3.00	3			0.03			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
8	10103	10103-1		0.06	3.00	3			0.06			
8	10104	10104-1		0.02	1.00	1			0.02			
8	10105	10105-1		0.01	2.00	2			0.01			
8	10183	10183-1		0.09	3.00	3			0.09			
8	10184	10184-1		0.08	1.50	1.5			0.08			
8	10185	10185-1		0.05	2.00	2			0.05			
8	10186	10186-1		0.16	2.30	2.3			0.16			
8	10187	10187-1		0.26	4.00	4			0.26			
8	10188	10188-1		0.21	2.00	2			0.21			
8	10191	10191-1		0.14	3.00	3			0.14			
8	10192	10192-1		0.99	1.00	1			0.99			
8	10193	10193-1		0.11	1.00	1			0.11			
8	10194	10194-1		0.09	3.00	3			0.09			
8	10195	10195-1		0.53	1.00	1			0.53			
8	10196	10196-1		0.19	1.00	1			0.19			
8	10197	10197-1		0.34	1.00	1			0.34			
8	10259	10259-1		0.05	3.00	3			0.05			
8	10260	10260-1		0.03	1.00	1			0.03			
8	10261	10261-1		0.06	1.00	1			0.06			
8	10262	10262-1		0.06	1.00	1			0.06			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
9	552	552-2		0.00	3.00	3	0.00					
9	552	552-2		0.00	3.00	3	0.00					
9	552	552-3		0.04	3.50	3.5	0.04					
9	552	552-3		0.00	3.50	3.5	0.00					
9	554	554-3		0.02	3.00	3		0.02				
9	554	554-3		0.00	3.00	3		0.00				
9	557	557-1		0.01	3.00	3			0.01			
9	557	557-1		0.00	3.00	3			0.00			
9	557	557-2		0.06	3.50	3.5						0.06
9	559	559-1		0.02	3.00	3						0.02
9	559	559-1		0.00	3.00	3						0.00
9	1001	1001-1		0.10	4.00	4				0.10		
9	1002	1002-1		0.03	4.00	4				0.03		
9	1019	1019-1		0.13	6.00	6	0.13					
9	9001	9001-1	Ward office-Healthpost Road	0.11	7.50	7	0.11					
9	9001	9001-2	Ward office-Healthpost Road	0.11	7.50	7	0.11					
9	9002	9002-1		0.65	7.00	7	0.65					
9	9003	9003-1		0.56	6.00	6	0.56					
9	9004	9004-1		0.54	6.00	6	0.54					
9	9004	9004-1		0.00	6.00	6	0.00					
9	9005	9005-1		0.45	6.00	6	0.45					
9	9006	9006-1		0.20	7.00	7	0.20					
9	9006	9006-2		0.14	7.50	7		0.14				
9	9007	9007-1		0.31	1.00	1			0.31			
9	9008	9008-1		0.19	6.00	6	0.19					
9	9009	9009-7	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.71	7.00	7	0.71					
9	9010	9010-1		0.31	4.00	4		0.31				
9	10001	10001-1	Universal Dental-Ukalo Road	0.22	7.00	7				0.22		
9	10001	10001-2	Universal Dental-Ukalo Road	0.06	7.50	7	0.06					
9	10227	10227-1		0.14	4.00	4			0.14			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
9	10229	10229-1		0.20	6.00	6			0.20			
9	10230	10230-1		0.04	4.00	4			0.04			
9	10231	10231-1		0.04	4.00	4			0.04			
9	10232	10232-1		0.12	4.00	4			0.12			
9	10236	10236-1		0.20	3.00	3			0.20			
9	10237	10237-1		0.06	3.00	3			0.06			
9	10238	10238-1		0.09	4.00	4			0.09			
9	10240	10240-1		0.21	4.00	4			0.21			
9	10245	10245-1		0.05	3.00	3			0.05			
9	10273	10273-1		0.08	3.00	3			0.08			

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
10	562	562-3	Kathmandu Ring Road	0.42	14.00	10	0.42					
10	1001	1001-1		0.28	4.00	4				0.28		
10	1002	1002-1		0.26	4.00	4				0.26		
10	1003	1003-1		0.20	5.00	5				0.20		
10	1003	1003-2		0.07	5.00	5				0.07		
10	1003	1003-3		0.06	5.00	5				0.06		
10	1003	1003-4		0.09	5.00	5				0.09		
10	1003	1003-5		0.65	5.50	5	0.65					
10	1004	1004-1		0.18	5.00	5				0.18		
10	1004	1004-2		0.09	5.00	5		0.09				
10	1004	1004-3		0.21	5.00	5				0.21		
10	1005	1005-1		0.08	5.50	5	0.08					
10	1006	1006-1		0.07	5.00	5				0.07		
10	1007	1007-1		0.15	5.00	5				0.15		
10	1008	1008-1		0.20	5.00	5				0.20		
10	1009	1009-1		0.10	4.00	4	0.10					
10	1010	1010-1		0.13	4.00	4	0.13					
10	1011	1011-1		0.27	5.00	5				0.27		
10	1012	1012-1		0.10	4.00	4				0.10		
10	1012	1012-2		0.10	3.00	3		0.10				
10	1012	1012-3		0.21	3.00	3	0.21					
10	1013	1013-1		0.67	5.00	5	0.67					
10	1014	1014-1		0.22	4.00	4					0.22	
10	1015	1015-1		0.28	4.00	4	0.28					
10	1016	1016-1		0.13	4.00	4				0.13		
10	1017	1017-1		0.44	8.00	7	0.44					
10	1018	1018-1		0.02	4.00	4				0.02		
10	1018	1018-2		0.11	4.00	4	0.11					
10	1019	1019-1		0.47	6.00	6	0.47					
10	1020	1020-1		0.12	4.00	4		0.12				
10	1021	1021-1		0.39	7.50	7	0.39					

Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
10	7025	7025-1		0.00	4.00	4				0.00		
10	7025	7025-1		0.00	4.00	4				0.00		
10	9001	9001-1	Ward office-Healthpost Road	0.60	7.50	7	0.60					
10	9006	9006-1		0.01	7.00	7	0.01					
10	9009	9009-7	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.40	7.00	7	0.40					
10	9009	9009-9	Syuchatar-Hasantar-Nursery Bhanjyang Road	0.10	6.00	6			0.10			
10	10001	10001-2	Universal Dental-Ukalo Road	0.23	7.50	7	0.23					
10	10202	10202-1		0.03	5.00	5			0.03			
10	10212	10212-1		0.43	24.00	24			0.43			
10	10215	10215-1		0.08	3.00	3			0.08			
10	10216	10216-1		0.07	2.50	2.5			0.07			
10	10217	10217-1		0.08	3.00	3			0.08			
10	10218	10218-1		0.21	7.00	7			0.21			
10	10219	10219-1		0.06	6.00	6			0.06			
10	10220	10220-1		0.03	6.00	6			0.03			
10	10221	10221-1		0.12	6.00	6			0.12			
10	10222	10222-1		0.02	6.00	6			0.02			
10	10223	10223-1		0.08	3.00	3			0.08			
10	10224	10224-1		0.06	3.00	3			0.06			
10	10226	10226-1		0.09	2.00	2			0.09			
10	10227	10227-1		0.10	4.00	4			0.10			
10	10228	10228-1		0.04	4.00	4			0.04			
10	10238	10238-1		0.01	4.00	4			0.01			
10	10239	10239-1		0.04	4.00	4			0.04			
10	10240	10240-1		0.02	4.00	4			0.02			
10	10241	10241-1		0.05	4.00	4			0.05			
10	10242	10242-1		0.08	5.00	5			0.08			
10	10243	10243-1		0.06	3.00	3			0.06			
10	10244	10244-1		0.16	3.00	3			0.16			

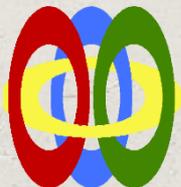
Ward Wise Inventory of Transport Linkages

Ward	Road ID	Road Segment ID	Name of Transport Linkage	Total Length (km)	Total Width (m)	Carriageway width (m)	Road surface(km)					
							BT	GR	ER	RCC	STONE SOLING	BLOCKS
10	10246	10246-1		0.07	3.00	3			0.07			
10	10247	10247-1		0.00	6.00	6			0.00			
10	10248	10248-1		0.05	6.00	6			0.05			
10	10249	10249-1		0.02	7.00	7			0.02			
10	10250	10250-1		0.08	3.00	3			0.08			
10	10252	10252-1		0.11	4.00	4			0.11			
10	10253	10253-1		0.27	1.50	1.5			0.27			
10	10254	10254-1		0.15	3.00	3			0.15			
10	10256	10256-1		0.11	6.00	6			0.11			
10	10263	10263-1		0.06	3.00	3			0.06			
10	10267	10267-1		0.17	4.00	4			0.17			
10	10271	10271-1		0.03	3.00	3			0.03			
10	10272	10272-1		0.02	4.00	4			0.02			
10	10274	10274-1		0.06	3.00	3			0.06			



Government of Nepal
Nagarjun Municipality
Nagarjun, Kathmandu, Nepal

Presentation on
Preparation of Detail Road Inventory Report,
GIS Database incorporating road plan within Nagarjun
Municipality, Kathmandu



Picasso Consultant Pvt. Ltd.
Sanepa-2, Lalitpur, Nepal

Objectives

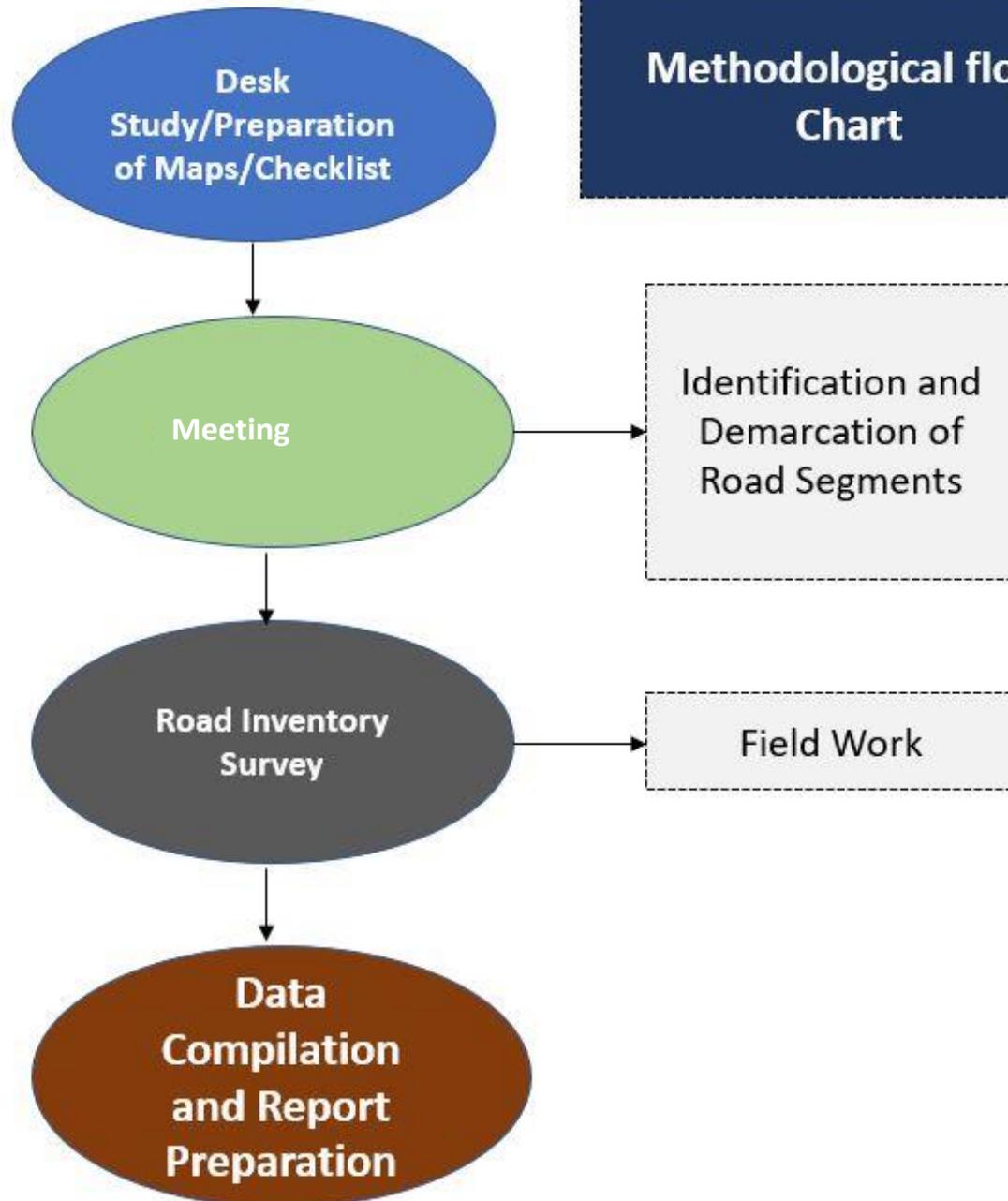
The general objective of the study is

- to prepare a detail road inventory report,
- GIS Database preparation.

Specific Objectives

- i. Detail Inventory Survey of all the roads within Nagarjun Municipality using GPS.
 - Identification of existing road width.
 - Inventory of existing road surface i.e. Earthen, Gravel, Metalled, RCC/PCC, stone paved etc.
- i. Collection of information related to Road
- ii. Meeting for road segment finalization and Road naming
- iii. Preparation of ward wise and municipal level GIS Database of Road Network.
- iv. Preparation of Ward wise and municipal level excel Database preparation for the summary of Road surface, width, total length etc.

Methodological flow Chart





Road ID:										Sheet no.:					
Sno.	Surf	T	W	F	D	S	LEFT CARRIAGEWAY	RIGHT CARRIAGEWAY	S	F	D	W	T	Soil	
SN	SURFACE TYPE	TERRAIN/BUILDING	RETAINING WALL	FOOTPATH	SIDE DRAIN	SHOULDER	LEFT CARRIAGEWAY	RIGHT CARRIAGEWAY	SHOULDER	SIDE DRAIN	FOOTPATH	RETAINING WALL	TERRAIN/BUILDING	SOIL TYPE	REMARKS

Abbreviations

SURFACE TYPE:

SOIL TYPE:

DRAIN TYPE:

WALL TYPE:

TERRAIN/BUILDING/FURNITURE:

BT= Black Topped

OS = Ordinary Soil

TD= Tick Drain

GW= Gabion Wall

H = House

G= Gravel

HS= Hard Soil

BD= Box Drain

MW= Masonry Wall

PW= Property Wall

E= Earthen

SR = Soft Rock

CW= Concrete Wall

TR= Tree

MR = Medium Rock

HR = Hard Rock

MS= Marshy Soil

CA= Cultivated Area

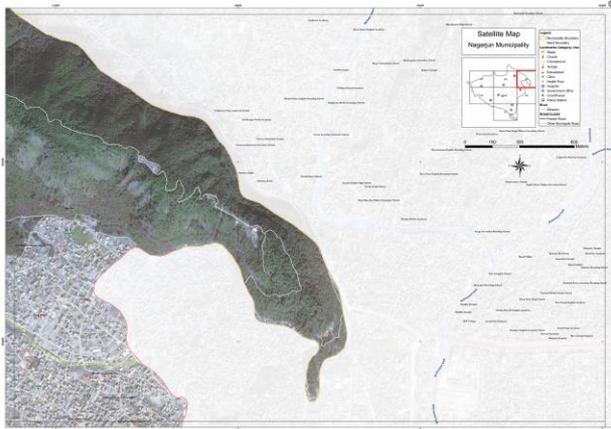
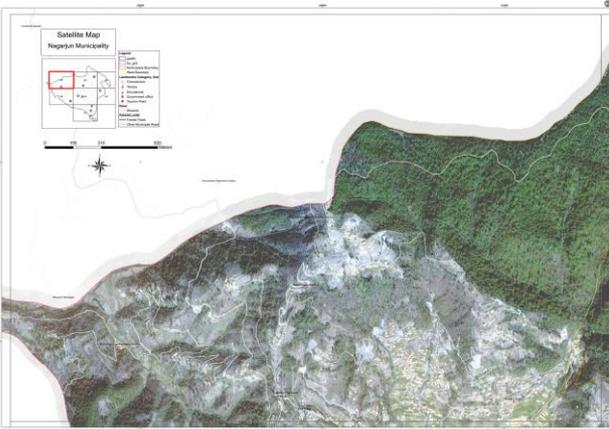
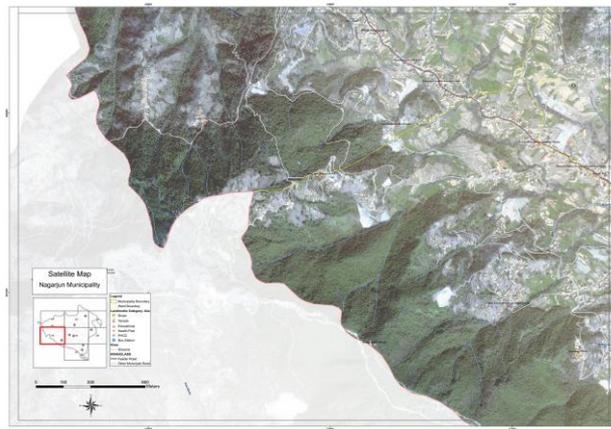
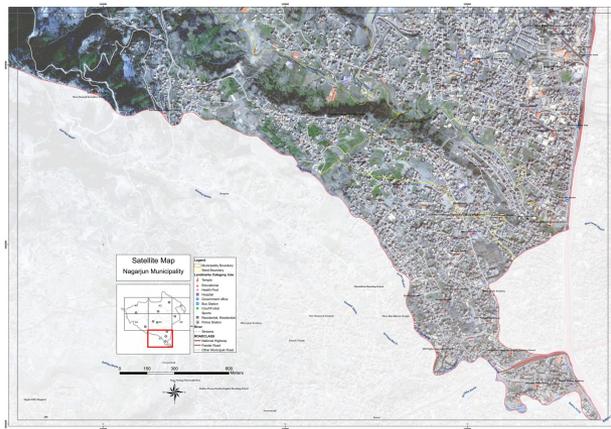
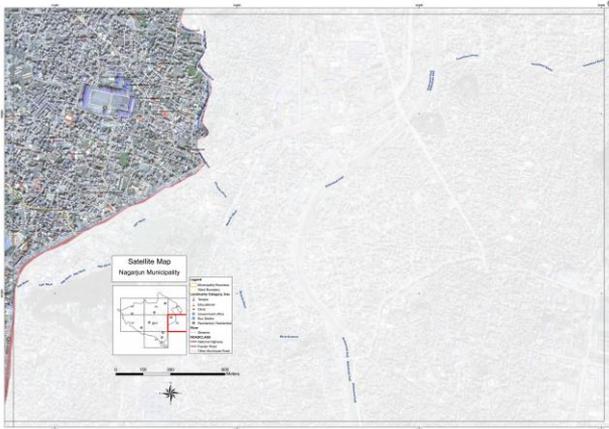
Desk Study/Preparation of Maps/Checklist

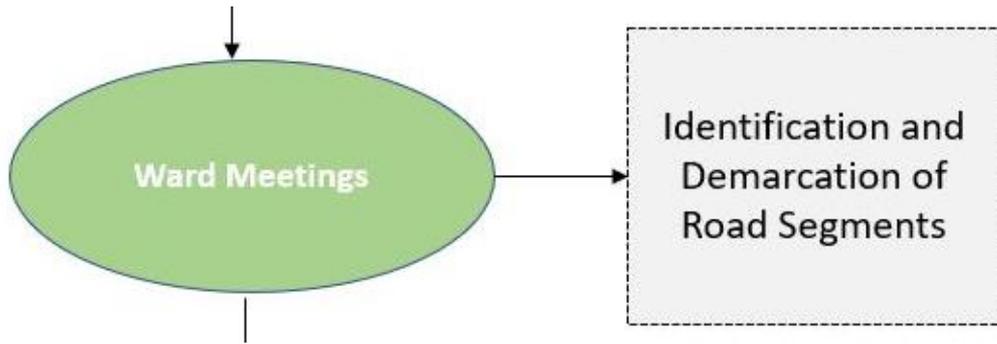
Digitization of Road Network

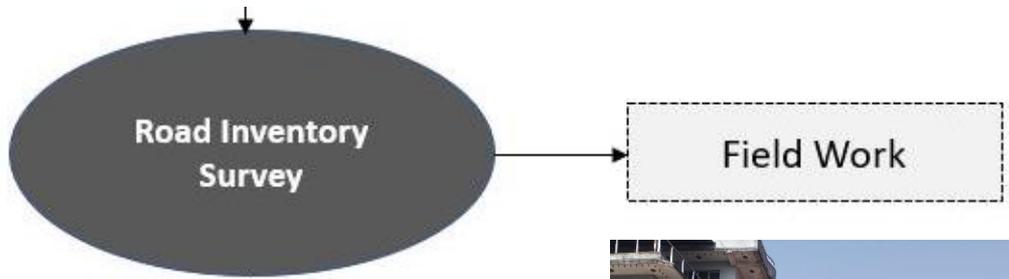
The screenshot displays a GIS application window with the following components:

- Table of Contents:** Lists various layers including Landmarks, Photos, Admin Boundary, Roads, and Others layer.
- Layers Panel:** Shows a list of layers with checkboxes and color-coded keys for the Roads layer (Red: Layer_1, Green: Layer_2, Blue: Layer_3).
- Main Map Area:** Displays an aerial view of a city with overlaid digitized road networks in yellow, orange, red, and magenta. A semi-transparent grey area is also visible.
- Toolbar:** Includes standard GIS navigation and editing tools.
- Status Bar:** Shows the current scale as 46% and the coordinate system as 626013.213 3064964.551 Meters.

Desk Study/Preparation of Maps/Checklist







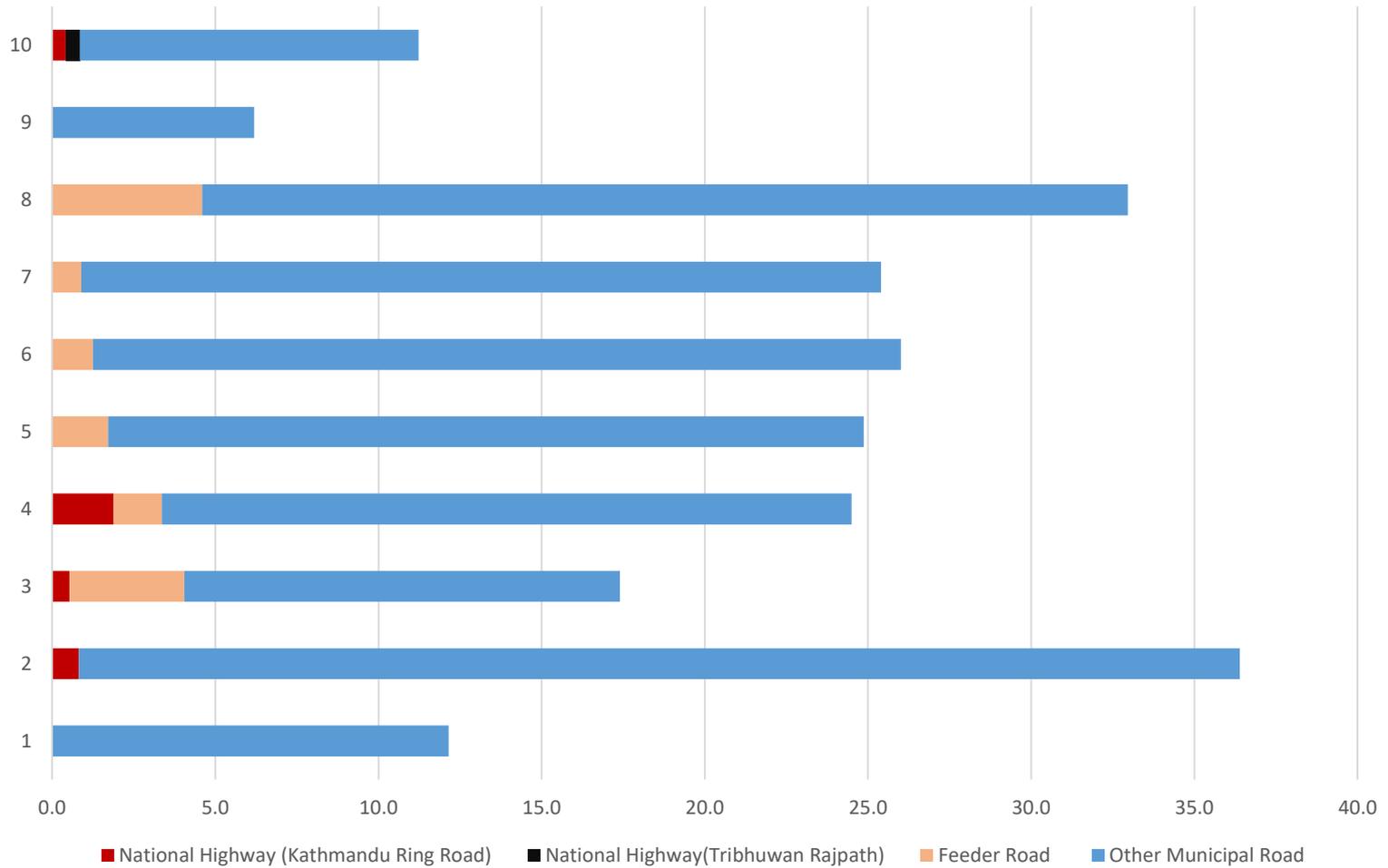
The road inventory survey is carried out with the help of a GPS & SW-MAPS, a measuring tape, and high-resolution satellite imagery

Project Output

Road Hierarchy

Road Category	Ward Road Length in km										Grand Total
	1	2	3	4	5	6	7	8	9	10	
National Highway (Kathmandu Ring Road)		0.8	0.5	1.9						0.4	3.7
National Highway (Tribhuvan Rajpath)										0.4	0.4
Feeder Road Network			3.5	1.5	1.7	1.2	0.9	4.6			13.4
Other Municipal Road	12.2	35.6	13.3	21.1	23.2	24.8	24.5	28.4	6.2	10.4	199.6
Grand Total	12.2	36.4	17.4	24.5	24.9	26.0	25.4	33.0	6.2	11.2	217.1
In Percent %	5.6	16.8	8.0	11.3	11.5	12.0	11.7	15.2	2.9	5.2	

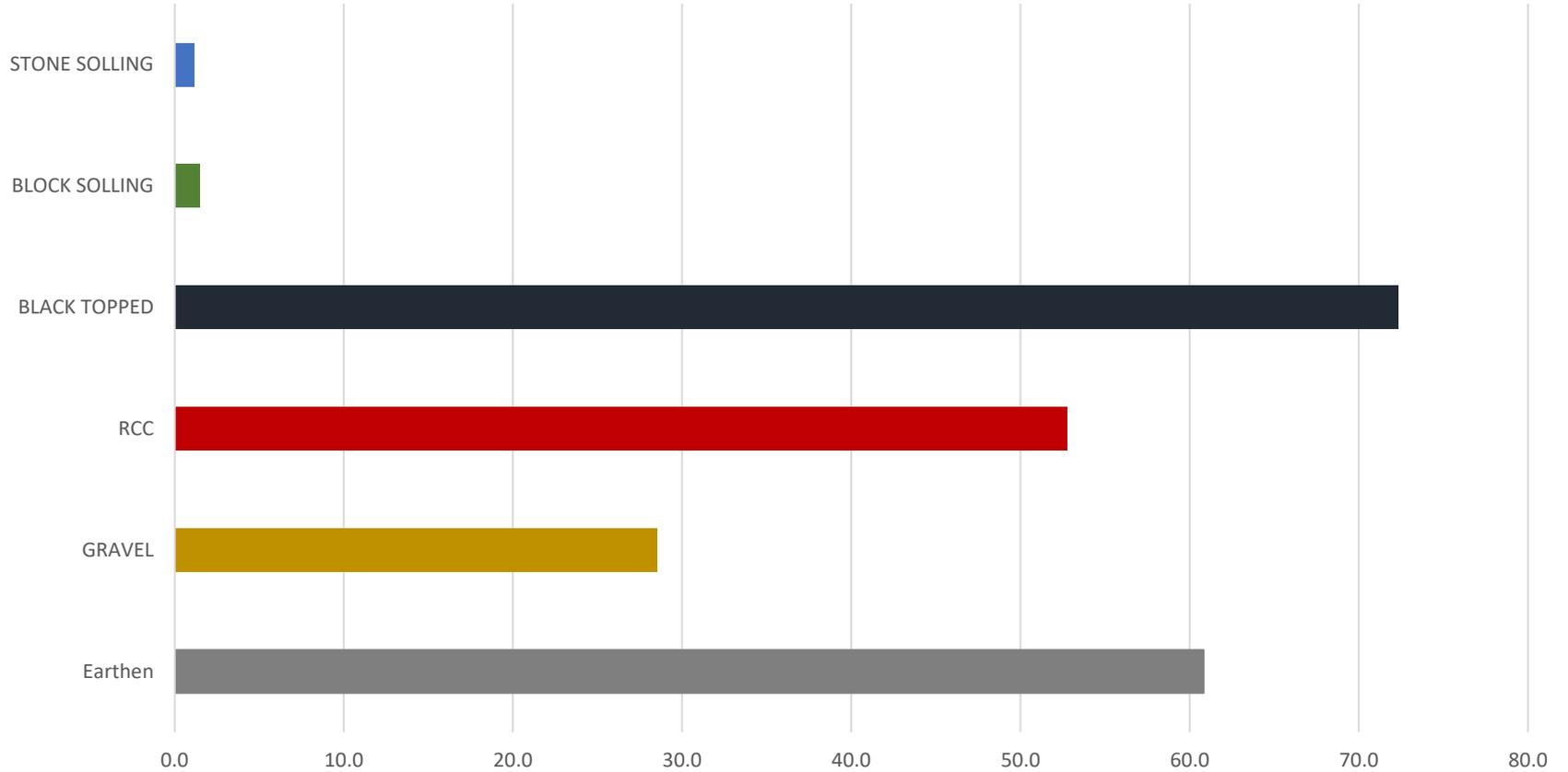
Road Hierarchy



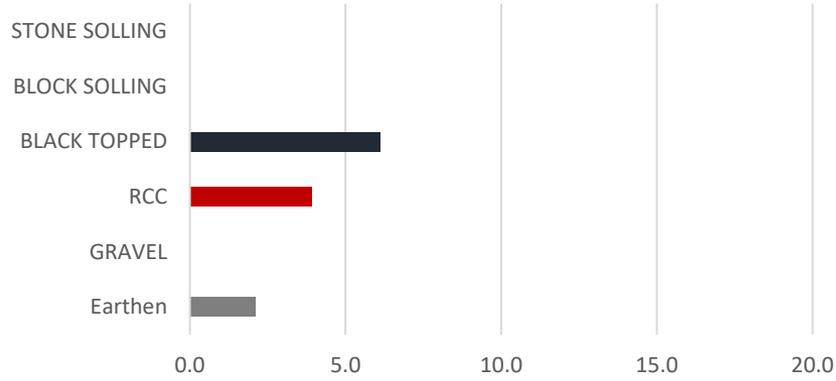
Road Category by its Surface

Ward	Road Surface (Length in km)						
	Earthen	GRAVEL	RCC	BLACK TOPPED	BLOCK SOLLING	STONE SOLLING	Grand Total
1	2.1		3.9	6.1			12.2
2	5.5	0.4	10.8	19.1	0.1	0.4	36.4
3	5.3	1.2	7.6	3.3		0.01	17.4
4	2.9	2.1	6.0	11.7	1.2	0.6	24.5
5	5.6	1.6	10.2	7.5	0.1	0.0	24.9
6	7.1	10.1	3.1	5.7			26.0
7	10.7	2.6	5.7	6.4			25.4
8	16.9	9.8	2.8	3.5			33.0
9	1.6	0.5	0.3	3.8	0.1		6.2
10	3.2	0.3	2.3	5.2		0.2	11.2
Grand Total	60.8	28.5	52.8	72.3	1.5	1.2	217.1
Percent	28%	13%	24%	33%	1%	1%	100%

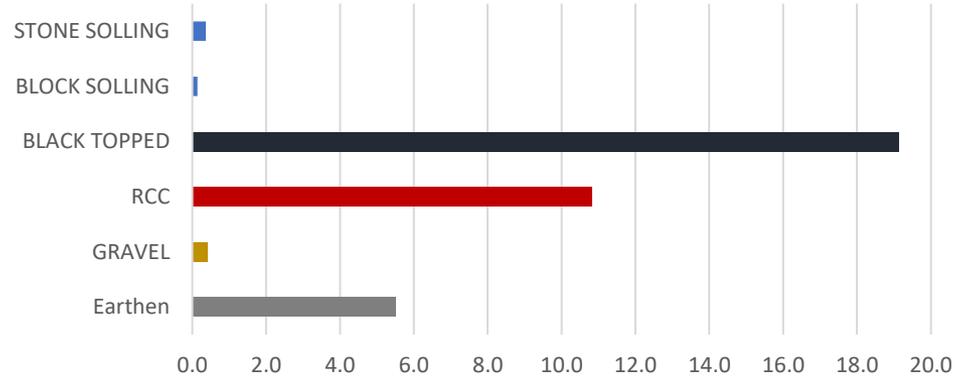
Road Category by its Surface Nagarjun Municipality



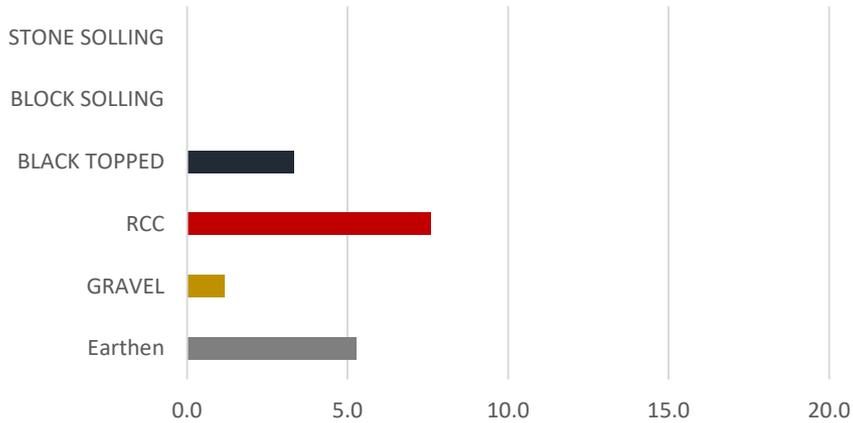
Road Category by its Surface
Ward-1



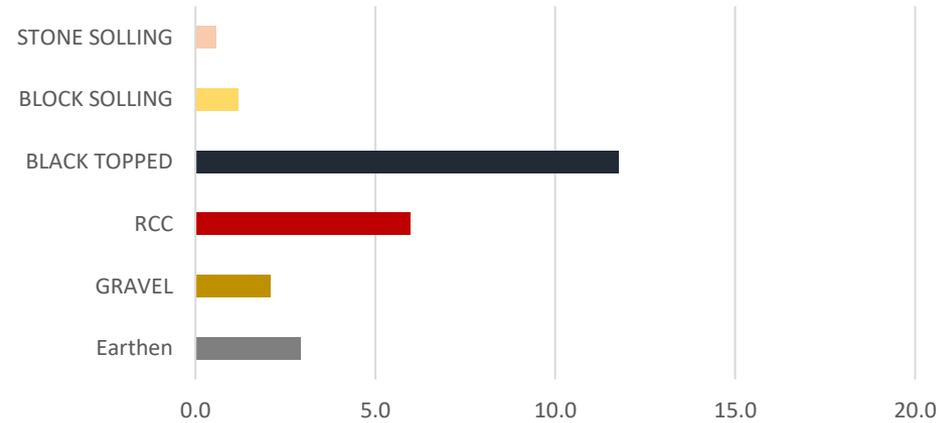
Road Category by its Surface
Ward-2



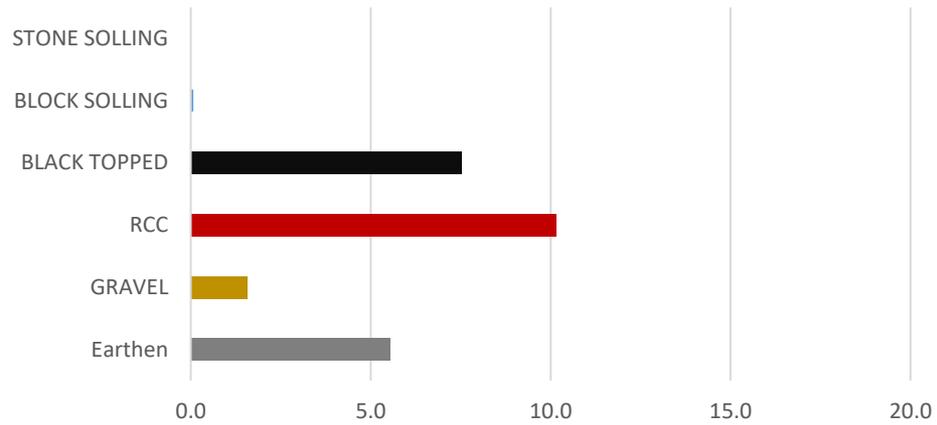
Road Category by its Surface
Ward-3



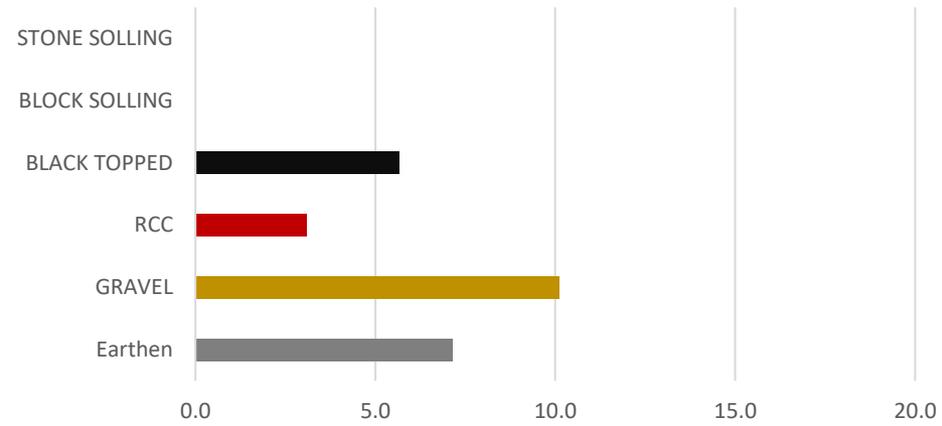
Road Category by its Surface
Ward-4



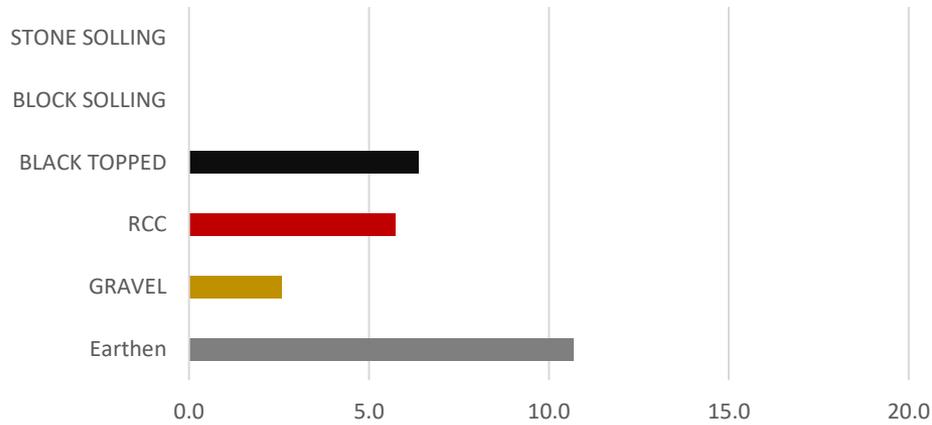
Road Category by its Surface
Ward-5



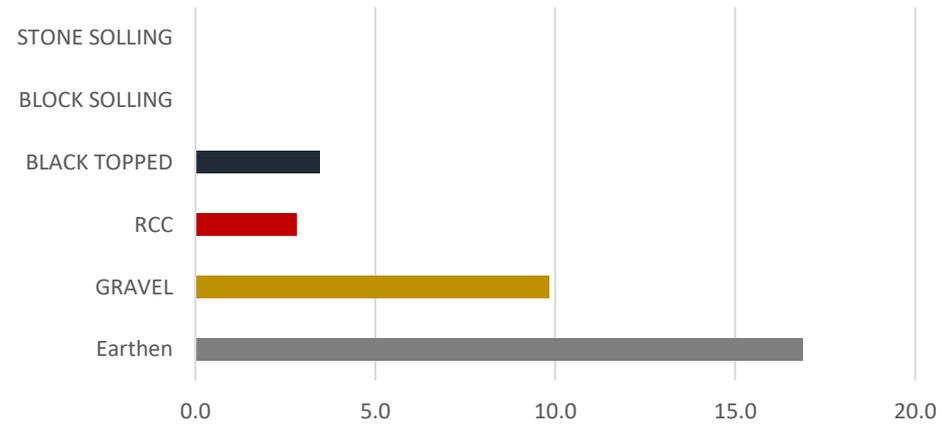
Road Category by its Surface
Ward-6



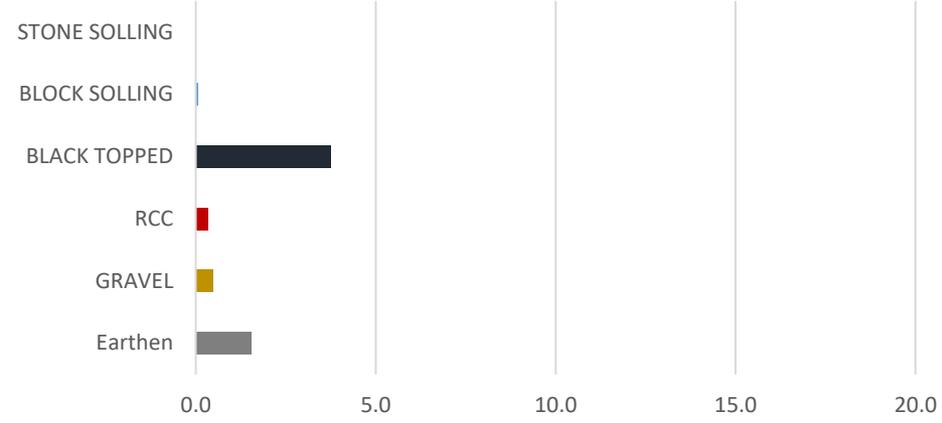
Road Category by its Surface
Ward-7



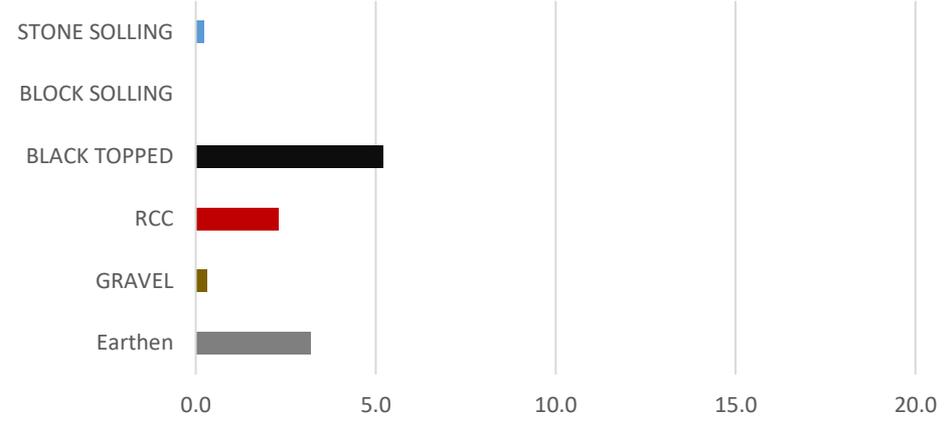
Road Category by its Surface
Ward-8



Road Category by its Surface
Ward-9



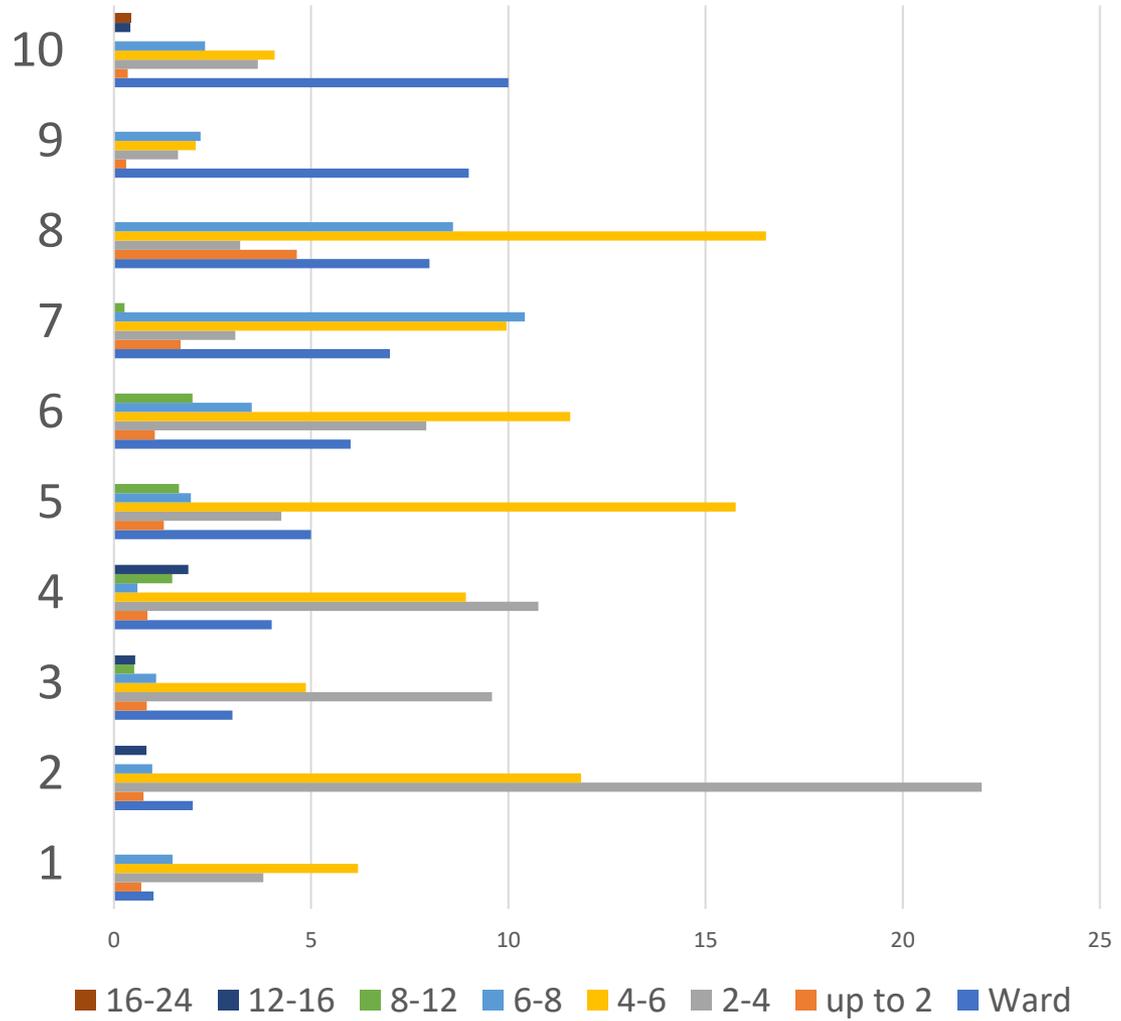
Road Category by its Surface
Ward-10



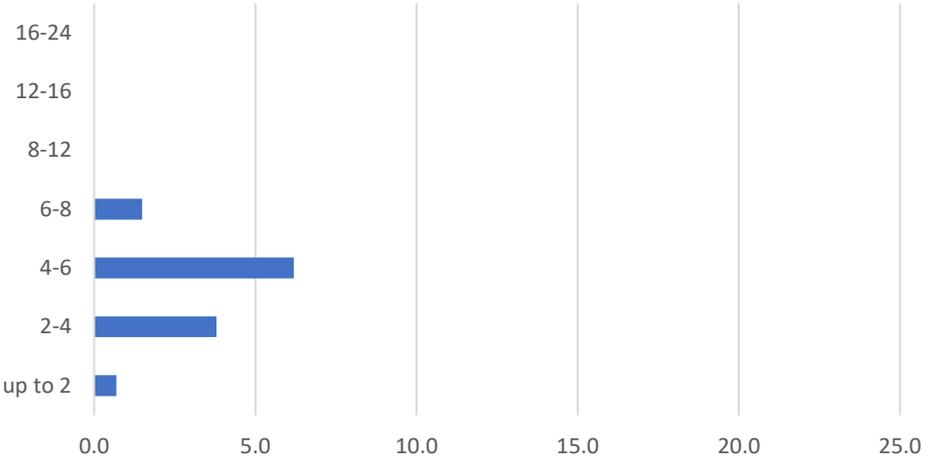
Road Category by its Width

Ward	Road Width in meter							Grand Total
	up to 2	2-4	4-6	6-8	8-12	12-16	16-24	
1	0.7	3.8	6.2	1.5				12.2
2	0.7	22.0	11.8	1.0		0.8		36.4
3	0.8	9.6	4.9	1.1	0.5	0.5		17.4
4	0.9	10.8	8.9	0.6	1.5	1.9		24.5
5	1.3	4.2	15.8	2.0	1.6			24.9
6	1.0	7.9	11.6	3.5	2.0			26.0
7	1.7	3.1	9.9	10.4	0.3			25.4
8	4.6	3.2	16.5	8.6				33.0
9	0.3	1.6	2.1	2.2				6.2
10	0.4	3.6	4.1	2.3		0.4	0.4	11.2
Grand Total	12.4	69.8	91.8	33.1	5.9	3.7	0.4	217.1
Percent	6%	32%	42%	15%	3%	2%	0.2%	100%

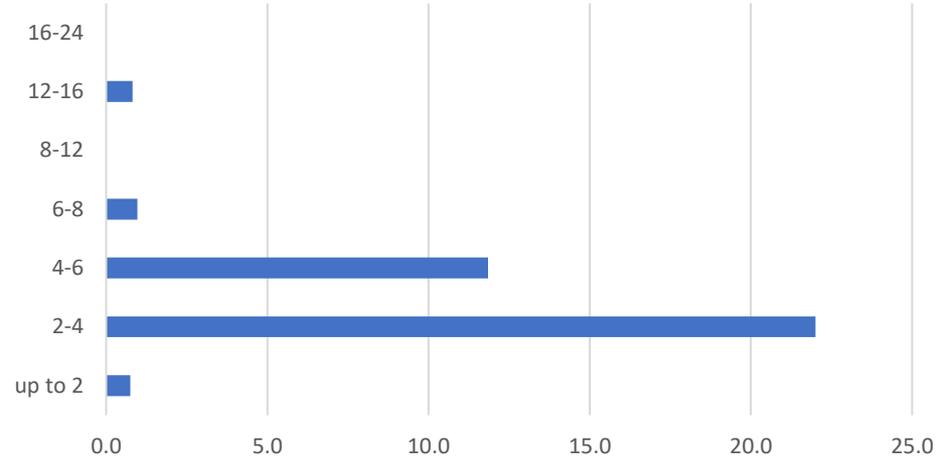
Road Distribution by its width



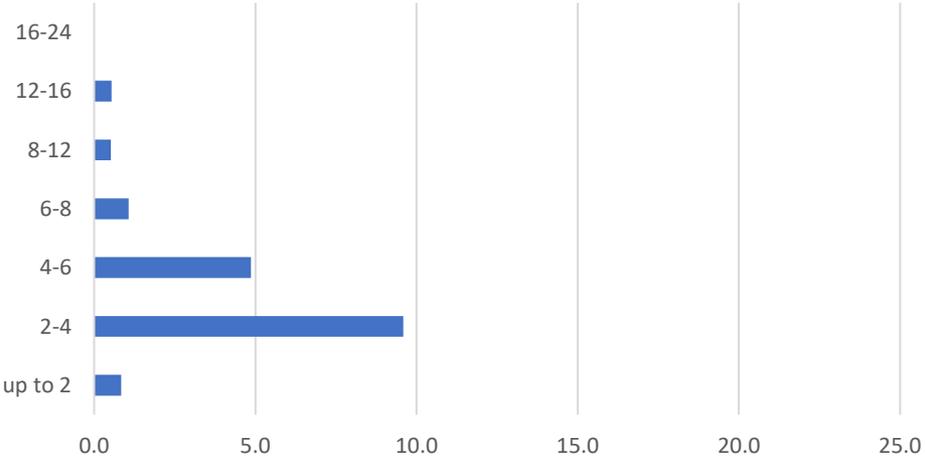
Ward-1



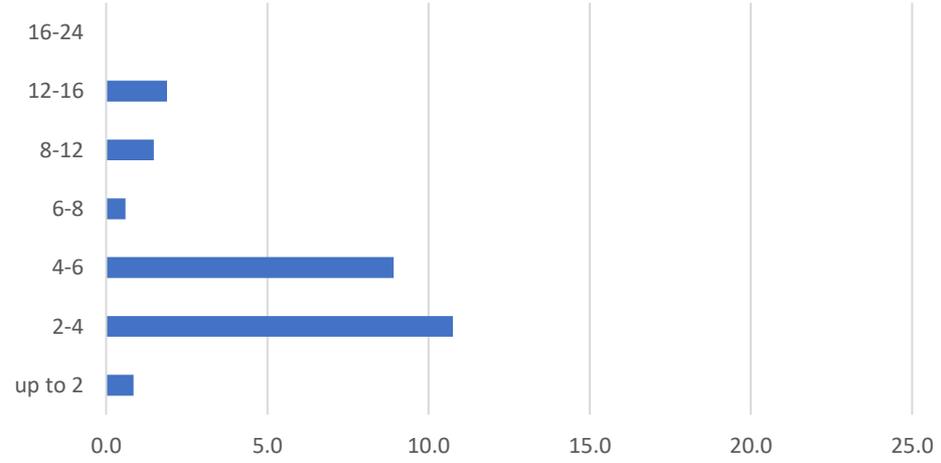
Ward-2



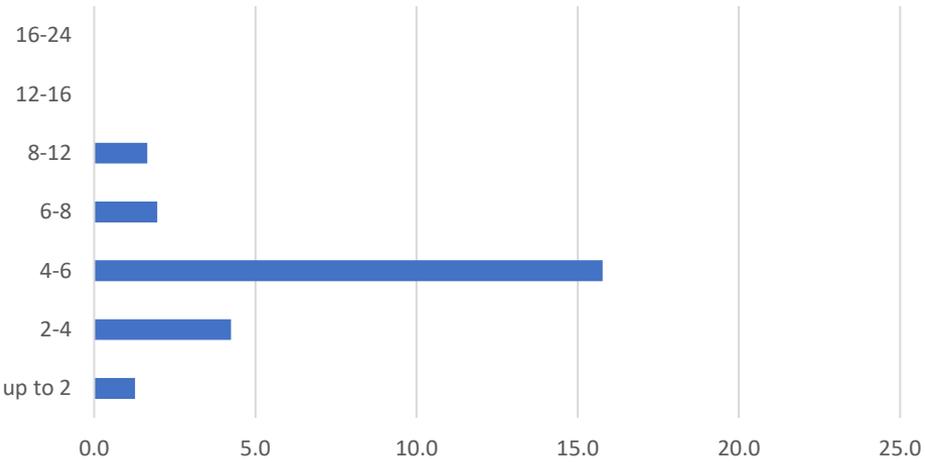
Ward-3



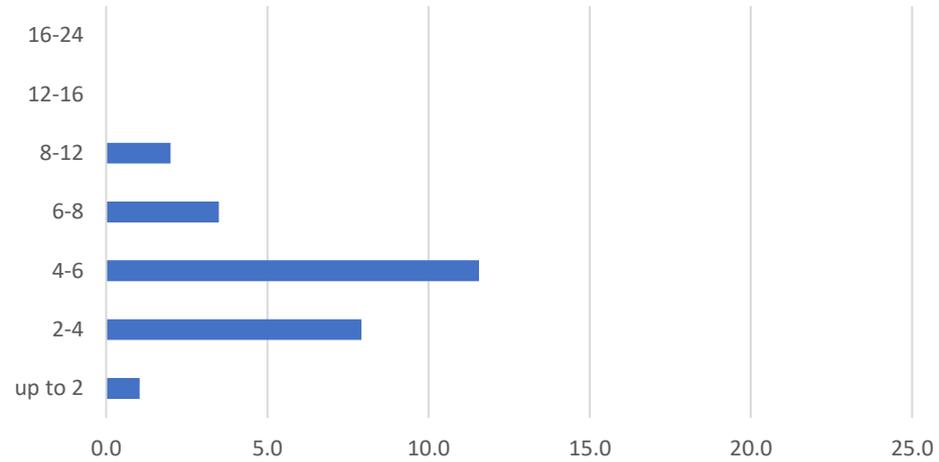
Ward-4



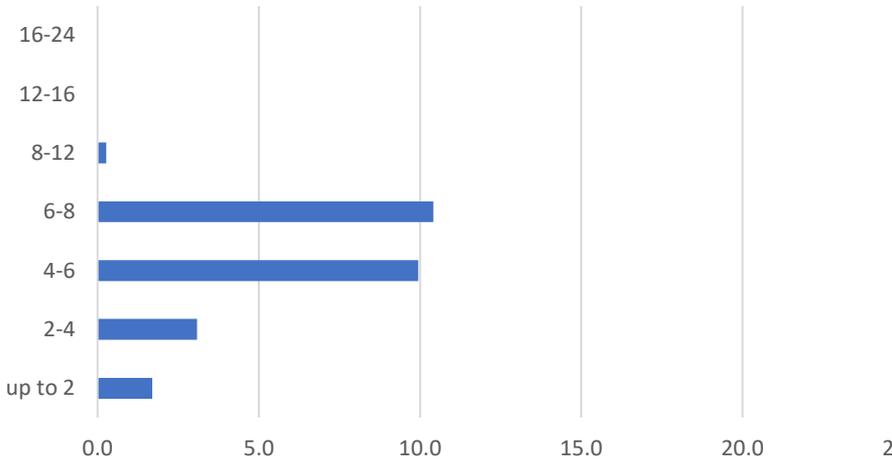
Ward-5



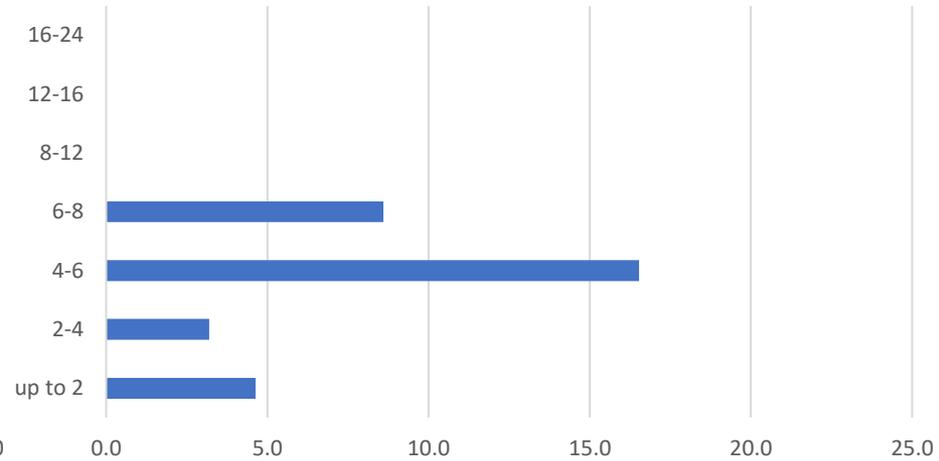
Ward-6



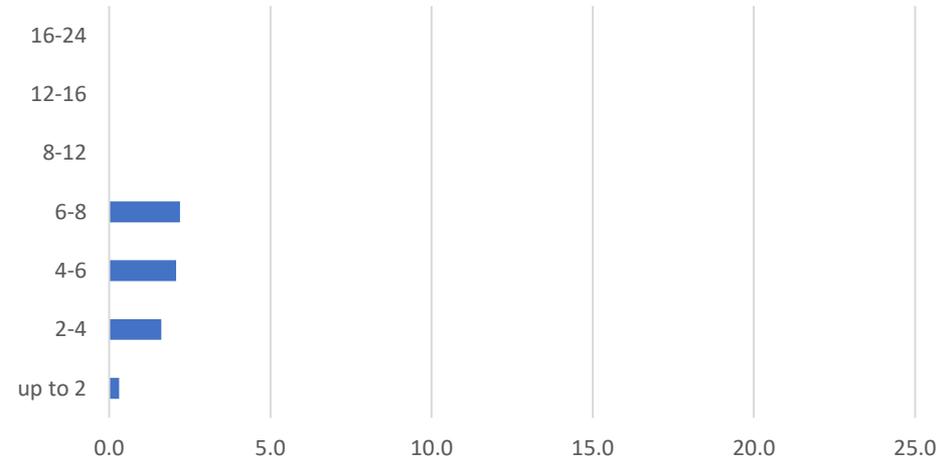
Ward-7



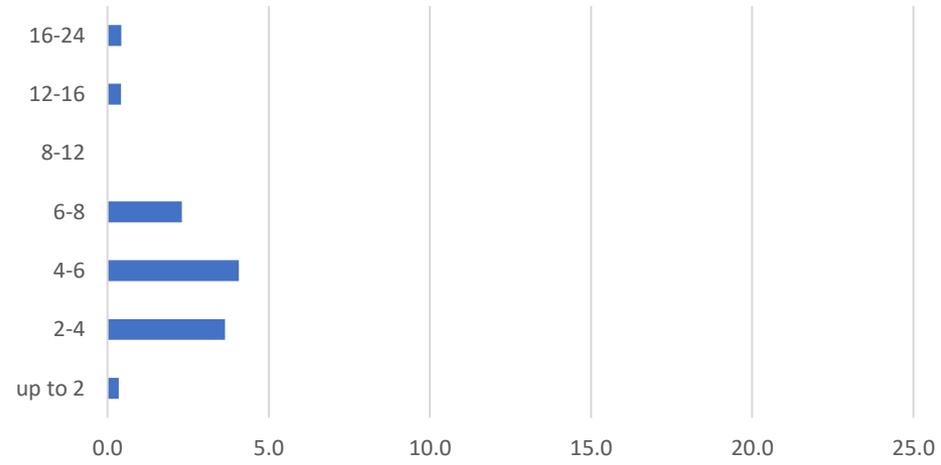
Ward-8



Ward-9



Ward-10



GIS Database

Maps_Surface.mxd - ArcMap

File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help

1:6,000

Landmarks

100

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 - 100
- Admin Boundaries
- Plac
- War
- War
- Upc
- War
- Upc
- grid
- grid
- Roads
 - Nag
- Lab
- Nag

NagarjunRoad_joined_segmented_width

FID	Shape	OBJECTID	Municipali	RDLN	RID	STRTNM	Road_ID	RID_1	S_N	Surface	TERRAIN_L	WALL	footpathL	DRAIN_L	SHLDR_L	LCW	RCW	SHLDR_R	footpathR	DRAIN_R	WALL_1	TERR
1101	Polyline ZM	0	Nagarjun	0.428435	0	Tribhuvan	0	10212-1		BLACK TOPPED			0	0	0	0	0	0	0	0		
1172	Polyline ZM	1041	Nagarjun	3.665359	562-2		562	562-3	2	BLACK TOPPED	H		0	0	0	5	5	0	0	0		
902	Polyline ZM	363	Nagarjun	0.078104			0	10021-1		Earthen			0	0	0	0	0	0	0	0		
768	Polyline ZM	0	Nagarjun	1.608136	6001-		6001	526-11	2	BLACK TOPPED		wall	1	0.5	0	4	4	0	1	0	0.5	wall
583	Polyline ZM	130	Nagarjun	0.443986	562-2		562	562-2	2	GRAVEL	H		0	0	0	5	5	0	0	0		
584	Polyline ZM	130	Nagarjun	0.028164	562-3		562	562-4	3	GRAVEL	H		0	0	0	5	5	0	0	0		
855	Polyline ZM	0	Nagarjun	1.749707	8021-		8021	513-16	3	BLACK TOPPED	H		1	0.5	0	3.5	3.5	0	1	0	0.5	H
288	Polyline ZM	344	Nagarjun	0.358911	400-6		400	400-6	6	GRAVEL		MW	0	0	0	4.5	4.5	0	0	0	MW	H
292	Polyline ZM	344	Nagarjun	0.081468	400-5		400	400-5	5	GRAVEL		GW	0	0	0	4.5	4.5	0	0	0	0	GW
294	Polyline ZM	344	Nagarjun	0.055922	400-7		400	400-7	7	GRAVEL			0	0	0	4.5	4.5	0	0	0	0	
295	Polyline ZM	344	Nagarjun	0.033657	400-8		400	400-8	8	GRAVEL		MW	0	0	0	4.5	4.5	0	0	0	0	MW
286	Polyline ZM	287	Nagarjun	0.056523	513-6		513	513-6	6	RCC	H		0.5	0	0	4	4	0	0	0	0.5	MW
267	Polyline ZM	287	Nagarjun	0.147212	513-5		513	513-5	5	BLACK TOPPED		MW	0.5	0	0	4	4	0	0	0	0.5	MW
268	Polyline ZM	287	Nagarjun	0.087967	513-4		513	513-4	4	RCC	H	MW	0.5	0	0	4	4	0	0	0	0	MW
271	Polyline ZM	287	Nagarjun	0.634065	513-1		513	513-1	1	BLACK TOPPED			0.5	0	0	4	4	0	0	0	0	H
830	Polyline ZM	0	Nagarjun	0.532778	6009-		6009	542-11	3	BLACK TOPPED			0	0.5	0	4	4	0	0	0	0.5	
265	Polyline ZM	287	Nagarjun	0.035382	513-7		513	513-7	7	BLACK TOPPED			0	0	0	4	4	0	0	0	0.5	
304	Polyline ZM	709	Nagarjun	0.051214	400-1		400	400-18	18	DAMAGED BT			0	0	0	4	4	0	0	0	0.5	
397	Polyline ZM	685	Nagarjun	0.026477	205-2		205	205-2	2	BLACK TOPPED	H		0	0	0	4	4	0	0	0	0	H
398	Polyline ZM	685	Nagarjun	0.023676	205-3		205	205-3	3	RCC	H		0	0	0	4	4	0	0	0	0	H
460	Polyline ZM	463	Nagarjun	0.032007	98-1		98	168-8	1	RCC			0	0	0	4	4	0	0	0	0	H
636	Polyline ZM	0	Nagarjun	0.442298	1017-		1017	1017-1	1	BLACK TOPPED	H		0	0	0.5	3.5	3.5	0.5	0	0	0	H
646	Polyline ZM	0	Nagarjun	1.257572	6009-		6009	542-10	2	GRAVEL	H		0	0	0	4	4	0	0	0	0	H
734	Polyline ZM	0	Nagarjun	0.236118	7012-		7012	7012-1	1	EARTHEN		wall	0	0	0	4	4	0	0	0	0	wall
767	Polyline ZM	0	Nagarjun	0.206095	6001-		6001	526-10	1	GRAVEL	H		0	0	0	4	4	0	0	0	0	H

Photographs of Each Road

The screenshot displays the ArcMap interface with the following components:

- Table of Contents:**
 - Layers
 - Photoscombined
 - Landmarks
 - Photos
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 - del
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 - 100
 - Admin Boundary
 - Place_Names
 - Ward_Nagarjun
 - Ward_Nagarjun
 - Updated Muni_Boundary
 - Ward_Nagarjun
 - Updated Muni_Boundary
 - grid5000
 - grid
 - Roads
 - NagarjunRoad_joined_segmented_width
 - Road Width
 - <2
 - 2-4
 - 4-6
 - 6-8
 - 8-12
 - 12-20
 - 20-24
 - Label width
 - NagarjunRoad_joined_segmented_surface
 - Road Surface

- Map:** An aerial photograph of a city area with road data overlaid. The roads are color-coded by width. Labels for 'Gairigaun' and 'Sindol' are visible on the map. Circled numbers 2, 3, and 5 are placed near specific road segments.
- Pop-up Window:** A window titled 'nagarjun_202...' is open, showing a photograph of a road. The photograph shows a dirt road next to a multi-story building.
- Interface:** The ArcMap menu bar (File, Edit, View, Bookmarks, Insert, Selection, Geoprocessing, Customize, Windows, Help) and toolbars are visible. The status bar at the bottom shows the scale as 626587.029 3068094.964 Meters, a temperature of 78°F Cloudy, and the time as 4:23 PM.

Excel Database

File Home Insert Page Layout Formulas Data Review View Developer Help Tell me what you want to do

Clipboard: Paste, Copy, Format Painter

Font: Calibri, 11, Bold, Italic, Underline, Text Color, Background Color

Alignment: Wrap Text, Merge & Center

Number: General, Currency, Percentage, Decimals

Styles: Conditional Formatting, Format as Table, Cell Styles

Cells: Insert, Delete, Format

Editing: AutoSum, Fill, Clear, Sort & Filter, Find & Select

Y2 = =IF(X2<=2,"up to 2",IF(X2<=4,"2-4",IF(X2<=6,"4-6",IF(X2<=8,"6-8",IF(X2<=12,"8-12",IF(X2<=16,"12-16",IF(X2<=24,"16-24"))))))))

FID	Shape *	Municipali	RDLEN	RID	STRTNM	Road_ID	RID_1	S_N	Surface	TERRAIN	WALL	footpathL	DRAIN_L	SHLDER_L	LCW	RCW	SHLDER_R	footpathR	DRAIN_R	WALL_1	TERRAIN	
1210	Polyline ZN	Nagarjun	0.425353		Tribhuvan Rajpath (TRP)	0	10212-1		Earthen			0		0	0	0	0					
1287	Polyline ZN	Nagarjun	0.821813	562-2		562	562-3		2 BLACK TOFH			0		0	5	5	0				0	
1288	Polyline ZN	Nagarjun	1.888276	562-2		562	562-3		2 BLACK TOFH			0		0	5	5	0				0	
1289	Polyline ZN	Nagarjun	0.419393	562-2		562	562-3		2 BLACK TOFH			0		0	5	5	0				0	
1290	Polyline ZN	Nagarjun	0.535805	562-2		562	562-3		2 BLACK TOFH			0		0	5	5	0				0	
1416	Polyline ZN	Nagarjun	0.000047	562-2		562	562-3		2 BLACK TOFH			0		0	5	5	0				0	
1417	Polyline ZN	Nagarjun	0.000047	562-2		562	562-3		2 BLACK TOFH			0		0	5	5	0				0	
1418	Polyline ZN	Nagarjun	0.000025	562-2		562	562-3		2 BLACK TOFH			0		0	5	5	0				0	
1419	Polyline ZN	Nagarjun	0.000025	562-2		562	562-3		2 BLACK TOFH			0		0	5	5	0				0	
996	Polyline ZN	Nagarjun	0.078104			0	10021-1		Earthen			0		0	0	0	0				0	
850	Polyline ZN	Nagarjun	1.608136	6001-2		6001	526-11		2 BLACK TOFH	wall		1	0.5	0	4	4	0	1	0.5	wall		
626	Polyline ZN	Nagarjun	0.443986	562-2		562	562-2		2 GRAVEL	H		0		0	5	5	0				0	
627	Polyline ZN	Nagarjun	0.028164	562-3		562	562-4		3 GRAVEL	H		0		0	5	5	0				0	
944	Polyline ZN	Nagarjun	0.115862	8021-3		8021	513-16		3 BLACK TOFH			1	0.5	0	3.5	3.5	0	1	0.5		H	
945	Polyline ZN	Nagarjun	0.104046	8021-3		8021	513-16		3 BLACK TOFH			1	0.5	0	3.5	3.5	0	1	0.5		H	
946	Polyline ZN	Nagarjun	1.52978	8021-3		8021	513-16		3 BLACK TOFH			1	0.5	0	3.5	3.5	0	1	0.5		H	
315	Polyline ZN	Nagarjun	0.091516	400-6		400	400-6		6 GRAVEL		MW	0		0	4.5	4.5	0			0	MW	H
316	Polyline ZN	Nagarjun	0.266956	400-6		400	400-6		6 GRAVEL		MW	0		0	4.5	4.5	0			0	MW	H
322	Polyline ZN	Nagarjun	0.081468	400-5		400	400-5		5 GRAVEL		GW	0		0	4.5	4.5	0			0	GW	
324	Polyline ZN	Nagarjun	0.055922	400-7		400	400-7		7 GRAVEL			0		0	4.5	4.5	0				0	
325	Polyline ZN	Nagarjun	0.033657	400-8		400	400-8		8 GRAVEL		MW	0		0	4.5	4.5	0			0	MW	
1378	Polyline ZN	Nagarjun	0.000439	400-6		400	400-6		6 GRAVEL		MW	0		0	4.5	4.5	0			0	MW	H
1379	Polyline ZN	Nagarjun	0.000439	400-6		400	400-6		6 GRAVEL		MW	0		0	4.5	4.5	0			0	MW	H
290	Polyline ZN	Nagarjun	0.056523	513-6		513	513-6		6 RCC	H	MW	0.5		0	4	4	0			0.5	MW	
291	Polyline ZN	Nagarjun	0.147212	513-5		513	513-5		5 BLACK TOFH		MW	0.5		0	4	4	0			0.5	MW	
292	Polyline ZN	Nagarjun	0.087967	513-4		513	513-4		4 RCC	H	MW	0.5		0	4	4	0			0	MW	H
295	Polyline ZN	Nagarjun	0.610085	513-1		513	513-1		1 BLACK TOFH			0.5		0	4	4	0			0		