

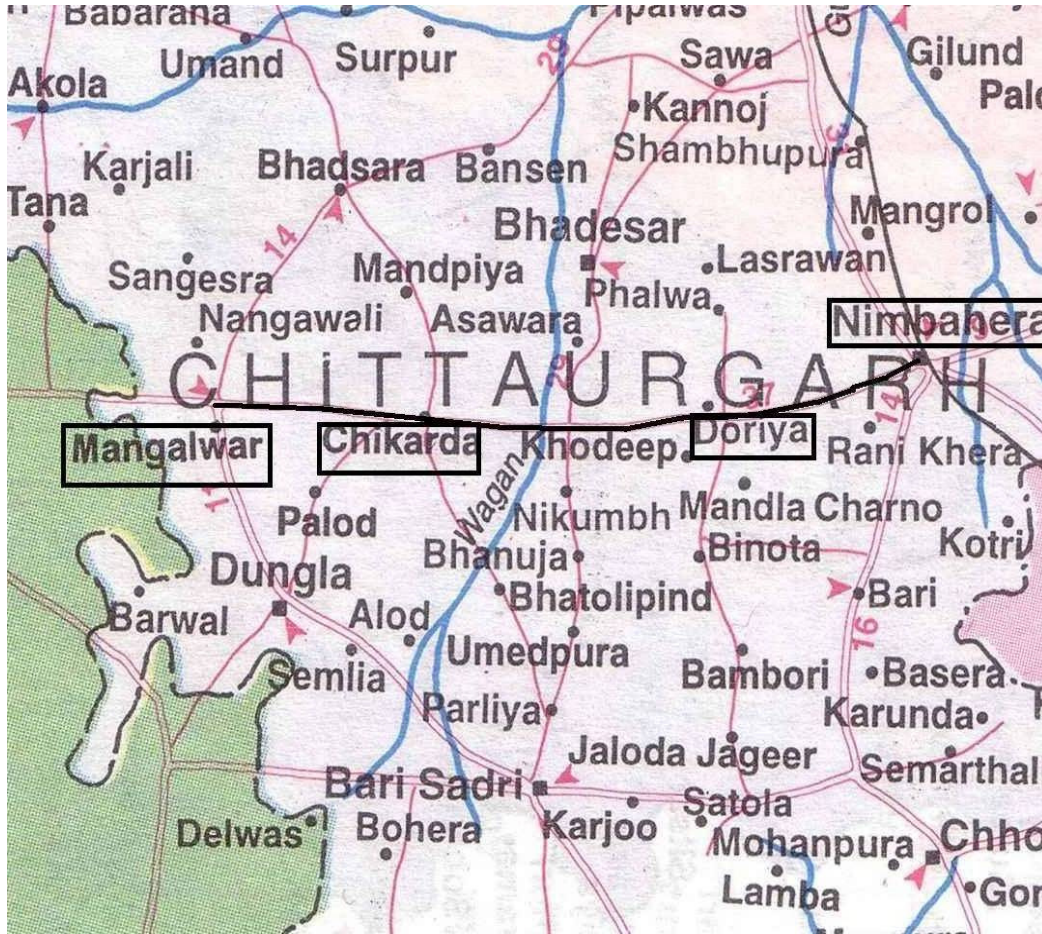
Government of Rajasthan
Rajasthan State Road Development
Corporation



Draft Detailed Project Report Under
(BOT) Annuity Project

for

Strengthening and widening Mangalwar - Nimbahera at MDR-11A
km 0/000 to 40/000



Estimated Cost :- Rs. 87.39 Crores

Construction Period : 1 Year 6 Months

Concession Period : 20 Years 0 Months 0 Days

Submitted to :-
RSRDCC Ltd.
Unit, Udaipur.

MAIN REPORT PART - II
TECHNICAL DATA & FINANCIAL

Consultant :-

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	<p>Services: Architectural, Structural, Interior, Valuation, Highways, Railway, Survey, Project Management, Testing, Real Estate, Construction</p>

VOLUME – II

Design & Traffic Field Data

Design of Flexible & Rigid Pavement

1. Design of Flexible Pavement
2. Design of Overlay
3. Design of CC Road

Design of Flexible & Rigid Pavement

1. Design of Flexible Pavement

Improvement of Mangalwar - Nimbahera Road km 0/000 to 40/000 (MDR-11A) under BOT Annuity Scheme

PAVEMENT DESIGN

DAT

1 Length of Road	40.00 km
2 Traffic intensity as worked out as in May 2010	1045 CV / Day Average
3 Growth rate of traffic (assumed)	5.00%
4 Total Period of Construction	1 Year
5 Design C.B.R. of Subgrade Soil	7.00%
6 Design Period of the Road	10 Years

7 Initial Traffic in the Year of Completion of Construction

$$A = P x (1 + r)^x$$

Where:

A = Traffic in the year of completion of construction CV / Day

P = Traffic at last Count in May 2010

r = Annual growth rate of traffic

x = Number of years between the last census and the year of completion of construction

$$A = 1044.85714285714 x (1 + 0.05)^1 \quad 1097 \text{ CV / Day}$$

8 Vehicle Damage Factor (V.D.F.) 3.5 Standard Axle per CV
 (As per Clause 3.3.4.4 Table 1 of IRC -37 -2001)

9 Design Calculation:

Initial traffic in design lane = Initial traffic x
 Distribution factor

$$= 1097 x 0.75 \quad 822.75 \text{ CV / Day}$$

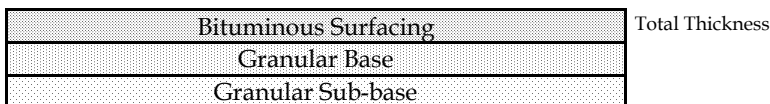
$$N = [365 x \{ (1+r)^x - 1 \} x A x F] / r$$

$$= 365 x [\{ (822.75(1 + 0.05)^{10} - 1 \} x 3.5] / 0.05 \quad 13.22 \text{ msa}$$

Say 13.00 msa

10 Total Pavement Thickness for design C.B.R. 590 mm
 (As per Plate - 2 of IRC-37-2001)

11 Thickness Combination Block



12 Structural Section:

Bituminous Surfacing = 40 mm BC + 70 mm DBM
 Granular Base = 250 mm
 Granular Sub-Base = 230 mm

Improvement of Mangalwar - Nimbahera Road km 0/000 to 40/000 (MDR-11A) under BOT Annuity Scheme

PAVEMENT DESIGN

DAT

1 Length of Road	40.00 km
2 Traffic intensity as worked out as in May 2010	1045 CV / Day Average
3 Growth rate of traffic (assumed)	5.00%
4 Total Period of Construction	1 Year
5 Design C.B.R. of Subgrade Soil	7.00%
6 Design Period of the Road	25 Years

7 Initial Traffic in the Year of Completion of Construction

$$A = P x (1 + r)^x$$

Where:

A = Traffic in the year of completion of construction CV / Day

P = Traffic at last Count in May 2010

r = Annual growth rate of traffic

x = Number of years between the last census and the year of completion of construction

$$A = 1044.85714285714 x (1 + 0.05)^1 \quad 1097 \text{ CV / Day}$$

8 Vehicle Damage Factor (V.D.F.) 3.5 Standard Axle per CV
 (As per Clause 3.3.4.4 Table 1 of IRC -37 -2001)

9 Design Calculation:

Initial traffic in design lane = Initial traffic x Distribution factor

$$= 1097 x 0.75 \quad 822.75 \text{ CV / Day}$$

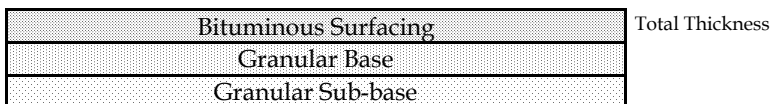
$$N = [365 x \{ (1+r)^x - 1 \} x A x F] / r$$

$$= 365 x [\{ (822.75 (1 + 0.05) ^ { 25 } - 1 \} x 3.5] / 0.05 \quad 50.16 \text{ msa}$$

Say 50.00 msa

10 Total Pavement Thickness for design C.B.R. 650 mm
 (As per Plate - 2 of IRC-37-2001)

11 Thickness Combination Block



12 Structural Section:

Bituminous Surfacing = 40 mm BC + 130 mm DBM
 Granular Base = 250 mm
 Granular Sub-Base = 230 mm

Improvement of Mangalwar - Nimbahera Road km 0/000 to 40/000 (MDR-11A) under BOT Annuity Scheme

PAVEMENT DESIGN

DAT

1 Length of Road	40.00 km
2 Traffic intensity as worked out as in May 2010	1045 CV / Day Average
3 Growth rate of traffic (assumed)	5.00%
4 Total Period of Construction	1 Year
5 Design C.B.R. of Subgrade Soil	3.00%
6 Design Period of the Road	10 Years

7 Initial Traffic in the Year of Completion of Construction

$$A = P x (1 + r)^x$$

Where:

A = Traffic in the year of completion of construction CV / Day

P = Traffic at last Count in May 2010

r = Annual growth rate of traffic

x = Number of years between the last census and the year of completion of construction

$$A = 1044.85714285714 x (1 + 0.05)^{x1} \quad 1097 \text{ CV / Day}$$

8 Vehicle Damage Factor (V.D.F.) 3.5 Standard Axle per CV
 (As per Clause 3.3.4.4 Table 1 of IRC -37 -2001)

9 Design Calculation:

Initial traffic in design lane = Initial traffic x
 Distribution factor

$$= 1097 x 0.75 \quad 822.75 \text{ CV / Day}$$

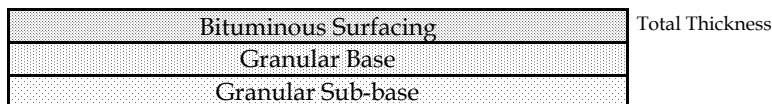
$$N = [365 x \{ (1+r)^x - 1 \} x A x F] / r$$

$$= 365 x [\{ (822.75 (1 + 0.05) ^ { 10 - 1 } \} x 3.5] / 0.05 \quad 13.22 \text{ msa}$$

Say 13.00 msa

10 Total Pavement Thickness for design C.B.R. 760 mm
 (As per Plate - 2 of IRC-37-2001)

11 Thickness Combination Block



12 Structural Section:

Bituminous Surfacing = 40 mm BC + 90 mm DBM
 Granular Base = 250 mm
 Granular Sub-Base = 380 mm

Improvement of Mangalwar - Nimbahera Road km 0/000 to 40/000 (MDR-11A) under BOT Annuity Scheme

PAVEMENT DESIGN

DAT

1 Length of Road	40.00 km
2 Traffic intensity as worked out as in May 2010	1045 CV / Day Average
3 Growth rate of traffic (assumed)	5.00%
4 Total Period of Construction	1 Year
5 Design C.B.R. of Subgrade Soil	3.00%
6 Design Period of the Road	15 Years

7 Initial Traffic in the Year of Completion of Construction

$$A = P x (1 + r)^x$$

Where:

A = Traffic in the year of completion of construction CV / Day

P = Traffic at last Count in May 2010

r = Annual growth rate of traffic

x = Number of years between the last census and the year of completion of construction

$$A = 1044.85714285714 x (1 + 0.05)^1 \quad 1097 \text{ CV / Day}$$

8 Vehicle Damage Factor (V.D.F.) 3.5 Standard Axle per CV
 (As per Clause 3.3.4.4 Table 1 of IRC -37 -2001)

9 Design Calculation:

Initial traffic in design lane = Initial traffic x
 Distribution factor

$$= 1097 x 0.75 \quad 822.75 \text{ CV / Day}$$

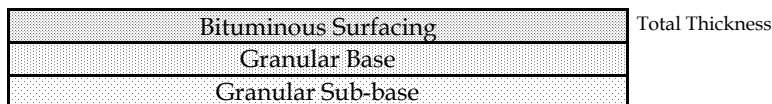
$$N = [365 x \{ (1+r)^x - 1 \} x A x F] / r$$

$$= 365 x [\{ (822.75(1 + 0.05)^{15} - 1 \} x 3.5] / 0.05 \quad 22.68 \text{ msa}$$

Say 25.00 msa

10 Total Pavement Thickness for design C.B.R. 790 mm
 (As per Plate - 2 of IRC-37-2001)

11 Thickness Combination Block



12 Structural Section:

Bituminous Surfacing = 40 mm BC + 120 mm DBM
 Granular Base = 250 mm
 Granular Sub-Base = 380 mm

Improvement of Mangalwar - Nimbahera Road km 0/000 to 40/000 (MDR-11A) under BOT Annuity Scheme

PAVEMENT DESIGN

DAT

1 Length of Road	40.00 km
2 Traffic intensity as worked out as in May 2010	1045 CV / Day Average
3 Growth rate of traffic (assumed)	5.00%
4 Total Period of Construction	1 Year
5 Design C.B.R. of Subgrade Soil	3.00%
6 Design Period of the Road	25 Years

7 Initial Traffic in the Year of Completion of Construction

$$A = P x (1 + r)^x$$

Where:

A = Traffic in the year of completion of construction CV / Day

P = Traffic at last Count in May 2010

r = Annual growth rate of traffic

x = Number of years between the last census and the year of completion of construction

$$A = 1044.85714285714 x (1 + 0.05)^1 \quad 1097 \text{ CV / Day}$$

8 Vehicle Damage Factor (V.D.F.) 3.5 Standard Axle per CV
 (As per Clause 3.3.4.4 Table 1 of IRC -37 -2001)

9 Design Calculation:

Initial traffic in design lane = Initial traffic x
 Distribution factor

$$= 1097 x 0.75 \quad 822.75 \text{ CV / Day}$$

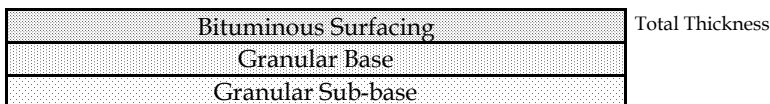
$$N = [365 x \{ (1+r)^x - 1 \} x A x F] / r$$

$$= 365 x [\{ (822.75(1 + 0.05)^{25} - 1 \} x 3.5] / 0.05 \quad 50.16 \text{ msa}$$

Say 50.00 msa

10 Total Pavement Thickness for design C.B.R. 830 mm
 (As per Plate - 2 of IRC-37-2001)

11 Thickness Combination Block



12 Structural Section:

Bituminous Surfacing = 40 mm BC + 160 mm DBM
 Granular Base = 250 mm
 Granular Sub-Base = 380 mm

Design of Flexible & Rigid Pavement

Design of Overlay

PAVEMENT OVERLAY DESIGN

(AS PER IRC:81:1997)

DESIGN DATA:

(i)	Name of road :	Mangalwar - Nimbahera
(ii)	Classification of road :	MDR-11A
(iii)	Section : km	0/000 to 40/000
(iv)	Year of Last Traffic Count	2010
(v)	Period of Traffic Survey	7 days
(vi)	Number of commercial vehicles (total of both direction)	1045 CVPD
(vii)	Rainfall	432 mm per annum
(viii)	Growth rate per annum	5.00%
(ix)	Period of OD Survey & Construction	1 Year
(x)	Design Life	15 Years
(xi)	Charaterstic Deflection =	0.97 mm

DESIGN CALCULATIONS :

1 Initial Traffic in the Year of Completion of Construction

$$P_n = P_o (1 + r)^n$$

Where:

P_n = Traffic in the year of completion of construction CV / Day

P_o = Traffic at last Count in Nov. 2001

r = Annual growth rate of traffic

n= Number of years between the last census and the year of completion of construction

$$P_n = 1044.85714285714 \times (1 + 0.05)^1 \quad 1097 \text{ CV / Day}$$

2 Vehicle Damage Factor (V.D.F.) 3.50

3 No. of Traffic Lanes in the road
Traffic Distribution Factor as per para 3.2.3.2. of IRC -37-2001 = 0.75

4 Design Traffic Calculations:

Commulative Standard axles

Initial Traffic X distribution Factor as per para 3.2.3.2 of IRC -37 -2001

$$= 1097 \times 0.75 \quad 822.75 \text{ CV / Day}$$

$$N_s = [365 \times A \times (1+r)^x - 1] \times F / r$$

$$= 365 \times [(1097(1+0.05)^{15}-1) \times 3.5] / 0.05 \quad 22.68 \text{ msa}$$

Say 25.00 msa

8

5 Characterstic Deflection = 0.97 mm

6 Thickness of Bituminous Macadam Overlay (mm)

75 mm

(From Fig. 9 of IRC:81-1997)

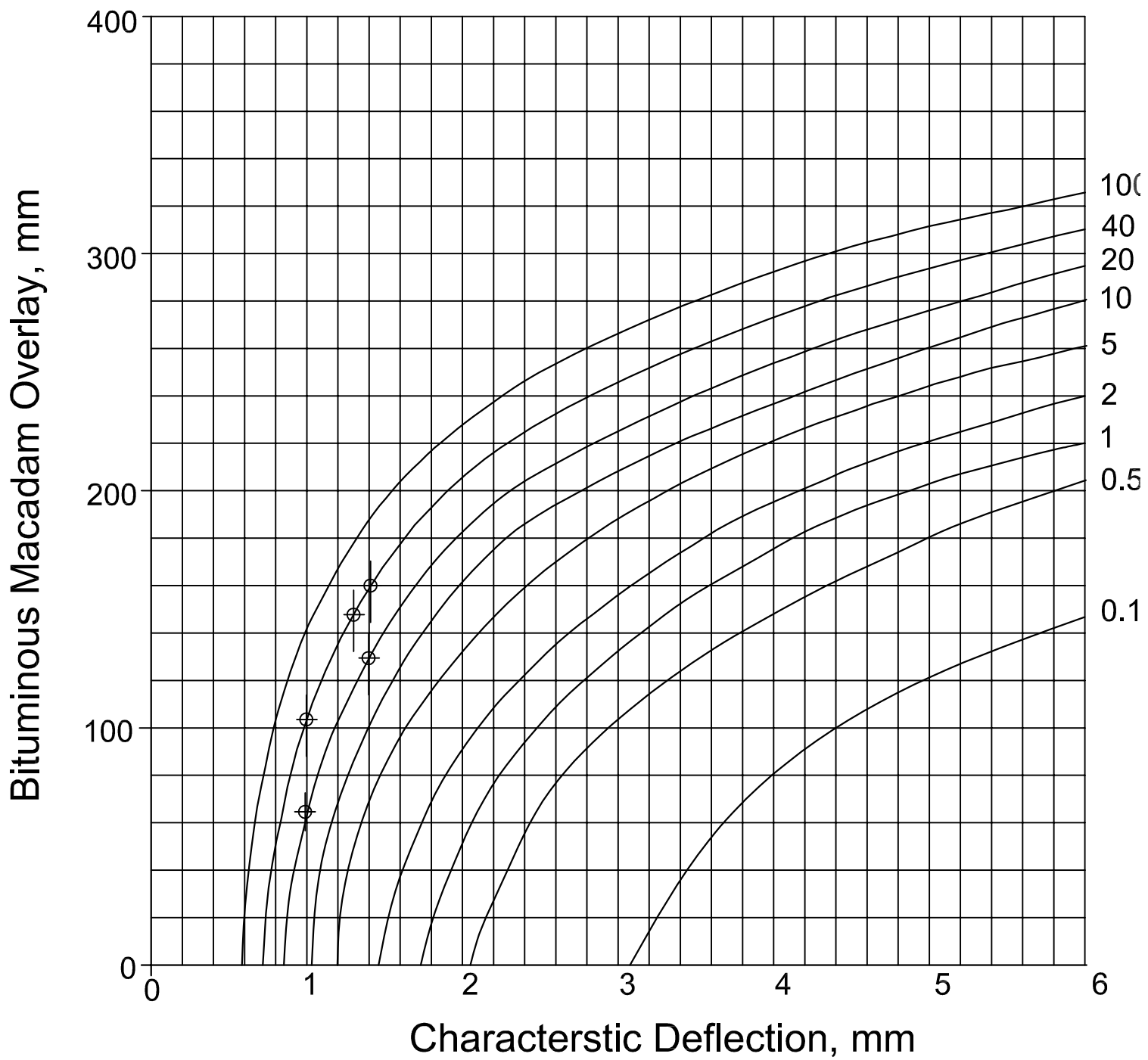
7 Structural Section of Pavement Overlay =

Base Course	<i>DBM</i>	15 mm <i>15 mm</i>
Surfacing	BC	40 mm

8 Thickness Combination Block

Bituminous Concrete BC40mm
Base Course DBM 15mm

Total Thickness 55mm



Overlay Thickness Design Curves

Design of Flexible & Rigid Pavement

Design of CC Road

**Improvement of Mangalwar - Nimbahera Road km 0/000 to 40/000 (MDR-11A) under BOT
Annuity Scheme**

CONCRETE PAVEMENT DESIGN

(AS PER IRC-58-2002)

Step -1	Design Parameters:	
	(a) Location of Pavement	: Rajasthan
	(b) Design Axle load (98 th Percentile Axle Load) =	: 10.2 tonnes
	(c) Design Wheel Load (Dual wheel) (P)	: 8000 kg
	(d) Present Traffic Intensity	: 1045 CVPD
	(e) Design Tyre Pressure(q)	: 8 kg/cm ²
	(f) Foundation Strength (K)	: 5.5 kg/cm ³
	(g) Modulus of subgrade reaction for 100mmPCC (K)	: 38.9 kg/cm ³
	(h) Characteristic Strength of Concrete(f_{ck})	: 300 kg/cm ²
	(i) Flexural Strength of Concrete($f_R = 2.2136 \times (f_{ck})^{0.5}$)=	: 38.34 kg/cm ²
	(j) Modulus of elasticity of Concrete (E)	: 300000 kg/cm ²
	(k) Poisson's Ratio of Concrete (m)	: 0.15
	(l) Coefficient of thermal expansion of concrete (a)	: 0.00001 /°C
	(j) Increase in traffic intensity (r)	: 5%
Step -2	Joint Spacing & Lane Widths:	
	(a) Contraction joint spacing (L)	: 3.50 metres
	(b) Lane Width (W)	: 5.00 metres
Step -3	Select tentative design thickness of pavement slab	
		h : 33.00 cms.
Step -4	Temperature stress for edge region :	
	(a) for Rajasthan Region Dt =	: 15.8 °C
	(b) $l = [Eh^3 / \{12(1-m^2)K\}]^{1/4} =$	69.72 cms.
	for L/l =	5.020
	$C_L =$	0.724
	for W/l =	7.172
	$C_W =$	1.038
	$C_{max} =$	1.038
	$st_e = (EaDt / 2) \cdot C =$	24.60 kg/cm ²
Step -5	Residual Concrete Strength for Supporting Traffic Loads	
	$f_L = f_R - st_e$	13.74 kg/cm ²

Step -6	Load Stress for Edge region $sl_e = 0.529 P/h^2 (1 + 0.54m) [4 \log_{10} l/b + \log_{10} b - 0.4048]$ Considering a single axle dual wheel, $a = [0.8521P/(q \times 3.14) + S/3.14 (P/(0.5227 \times q))^{0.5}]^{0.5}$ Where $S = C/c$ distance between two tyres = $b = (1.60 a^2 + h^2)^{1/2} - 0.675h$		26.51 cms 31 cms 24.77 cms. 11.71 kg/cm ²
Step -7	Available factor of Safety on load stress	f_L / sl_e	1.17 O.K.
Step -8	Corner Load stress $st_c = 3P / h^2 [1 - \{a(2)^{1/2}/l\}^{1.2}]$	$st_c =$	11.57 kg/cm ² < f_R O.K.
Step-9	Adjustment for Traffic Intensity (a) Design Traffic Intensity (T) = $N \times (1 + r)^n$ (b) Traffic Classification Category = (c) Rigid Pavement thickness adjustment Factor (h_t) (d) Hence design thickness of Pavement Slab (h) = $h_s + h_t =$		2772 CVPD F 0.00 cms. 33.00 cms.

DESIGN OF JOINTS:

2 DESIGN OF DOWEL:

2.1 Design Parameters :

Design Wheel Load (P)	8000 kg
Design load transfer =	40%
Slab Thickness =	33.00 cms.
Joint width (z) =	20 mm
Radius of relative stiffness (l) =	69.72 cms.
Permissible flexural stress in dowel bar =	1400 kg/cm ²
Permissible shear stress in dowel bar =	1000 kg/cm ²
Permissible bearing stress on concrete =	
$F_b = (10.16 - b)f_{ck} / 9.525$	219.2126 kg/cm ²
K value on sub base =	38.9 kg/cm ³

2.2 Design procedure

Step 1 : Dowel length

Assume dowel diameter = 3.2 cm

Then, for capacity in bending and bearing,

length of embedment of dowel bar, r

$$r = 5d \times \left[\left(\frac{f_s}{f_c} \right) \times \frac{(r+1.5z)}{(r+8.8z)} \right]^{1/2}$$

where z - joint width

let $r =$ 40.47 cms

then from eqn above $r =$ 34.98 cms

Hence dowel length $= L = (r + z) =$ 36.98 cms

Say 37.00 cms

Step 2 : Load transfer capacity of single dowel

P in shear $= 0.787d^2f_s =$ 8038.4 kg

P in bending $= 2d^3f_c / (r+8.8z)$ 1744.97 kg

P in bearing $= f_c r^2 d / (12.5 \times (r+1.5z)) =$ 1807.97 kg

Hence design P = 1744.97 kg

Step 3 : Capacity factor required for dowel system : Load transfer capacity of dowel system

5100 x 25% = 3200.00 kg

Hence required capacity factor =

3200 / 1744.97 = 1.83

Step 4 : Spacing of dowel bars

Considering the joint corner, the distance over which the dowel bars are effective in load transfer = $1.8 \times l$

= 1.8×69.72 125.49 cm

Assuming a dowel spacing of 30 cm

Available capacity factor = $1 + \frac{125.49 - D78 \times 10}{125.49 + 125.49 - 2 \times 10 \times D78} / \frac{125.49 + 125.49 - 3 \times 10 \times D78}{125.49}$

= 2.47

Which is larger than required capacity of 1.83

Hence adopt dowel spacing = 30 cms

Hence provide 500mm long 32mm dia dowel bars 300mm c/c.

3 DESIGN OF TIE BARS:

3.1 Design Parameters

Slab Thickness (h) = 33.00 cms.

Slab Width (b) = 5 metres

No of lanes to be tied = 2

Coefficient of friction between pavement and subgrade (f) = 1.5

Weight per Sqm of concrete slab (w) =	825 kg
Allowable working tensile stress in steel (s) =	1400 kg/cm ²
Maximum permissible bond stress (B) in =	
(i) Plain tie bars =	17.5 kg/cm ²
(ii) Deformed tie bars =	24 kg/cm ²

3.2 Design Procedure

Step 1 :	Diameter and spacing of tie bars	
	Weight per Sqm of concrete slab (W) =	825 kg
	Area of steel required per metre width of joint =	
	$A_s = bfW/S =$	
	$5 \times 1.5 \times 825 / 1400 =$	4.420 cm ² /m
	Assuming dia of steel bars; d =	10 mm
	A = X-sectional area of one tie bar =	78.54 mm ²
	P = Perimeter of tie bar =	31.42 mm
	Number of tie bars required / m; N = $A_s / A =$	5.63 and
	Spacing of tie bars = $100 / N =$	17.77 cm
	As per Table 12 of IRC -58-1988 the maximum spacing permitted is	45 cms
Step 2 :	Length of tie bars :	
	Length of Tie bar (L) = $(2 S \times A) / (B \times P) =$	
	For Plain tie bars (L) =	400.00 mm
	For Deformed tie bars (L) =	291.67 mm
	Increasing about 50mm for tolerance in placement	
	Hence,	
	For Plain tie bars (L) =	450.00 mm
	For Deformed tie bars (L) =	341.67 mm

Hence provide 10mm dia deformed tie bars 350mm c/c

At km 5/000

VDF	3.5		Distribution factor				0.75	MSA	Design MSA
Year	2A Truck	3A Truck	LCV	MAV	Tractor	Trailer			
2010-2011	316	140	277	239	43	82	0.40	0.30	
2011-2012	332	147	291	251	45	86	0.86	0.65	
2012-2013	349	155	305	264	48	90	1.39	1.04	
2013-2014	366	162	321	277	50	95	2.00	1.50	
2014-2015	384	170	337	291	52	99	2.69	2.02	
2015-2016	403	179	354	305	55	104	3.48	2.61	
2016-2017	424	188	371	320	58	110	4.37	3.28	
2017-2018	445	197	390	336	61	115	5.38	4.04	
2018-2019	467	207	409	353	64	121	6.52	4.89	
2019-2020	490	217	430	371	67	127	7.81	5.86	
2020-2021	515	228	451	390	70	133	9.27	6.95	
2021-2022	541	240	474	409	74	140	10.90	8.18	
2022-2023	568	252	497	429	77	147	12.74	9.56	
2023-2024	596	264	522	451	81	154	14.80	11.10	
2024-2025	626	277	548	473	85	162	17.11	12.83	
2025-2026	657	291	576	497	90	170	19.70	14.77	
2026-2027	690	306	605	522	94	178	22.59	16.94	
2027-2028	725	321	635	548	99	187	25.82	19.37	
2028-2029	761	337	667	576	104	197	29.44	22.08	
2029-2030	799	354	700	604	109	206	33.46	25.10	
2030-2031	839	372	735	635	114	217	37.96	28.47	
2031-2032	881	390	772	666	120	228	42.96	32.22	
2032-2033	925	410	810	700	126	239	48.54	36.40	
2033-2034	971	430	851	735	133	251	54.75	41.06	
2034-2035	1020	452	893	771	139	264	61.65	46.24	
2035-2036	1071	475	938	810	146	277	69.32	51.99	
2036-2037	1124	498	985	850	153	291	77.85	58.39	

At km 35/825

VDF	3.5		Distribution factor				0.75	MSA	Design MSA
Year	2A Truck	3A Truck	LCV	MAV	Tractor	Trailer			
2010-2011	364	168	277	308	104	301	0.56	0.42	
2011-2012	383	177	291	323	109	316	1.20	0.90	
2012-2013	402	185	305	339	115	332	1.93	1.45	
2013-2014	422	195	321	356	121	348	2.77	2.08	
2014-2015	443	204	337	374	127	366	3.73	2.80	
2015-2016	465	215	354	393	133	384	4.82	3.62	
2016-2017	488	225	371	412	140	403	6.06	4.55	
2017-2018	513	237	390	433	147	423	7.47	5.60	
2018-2019	538	248	409	455	154	445	9.05	6.79	
2019-2020	565	261	430	477	162	467	10.84	8.13	
2020-2021	594	274	451	501	170	490	12.86	9.64	
2021-2022	623	288	474	526	178	515	15.13	11.34	
2022-2023	654	302	497	553	187	540	17.67	13.26	
2023-2024	687	317	522	580	196	567	20.53	15.40	
2024-2025	722	333	548	609	206	596	23.74	17.80	
2025-2026	758	350	576	640	217	625	27.33	20.50	
2026-2027	796	367	605	672	227	657	31.34	23.51	
2027-2028	835	385	635	705	239	690	35.83	26.87	
2028-2029	877	405	667	741	251	724	40.84	30.63	
2029-2030	921	425	700	778	263	760	46.43	34.82	
2030-2031	967	446	735	816	276	798	52.66	39.49	
2031-2032	1015	468	772	857	290	838	59.61	44.70	
2032-2033	1066	492	810	900	305	880	67.34	50.51	
2033-2034	1119	516	851	945	320	924	75.95	56.96	
2034-2035	1175	542	893	992	336	970	85.53	64.14	
2035-2036	1234	569	938	1042	353	1019	96.17	72.13	
2036-2037	1296	598	985	1094	370	1070	108.01	81.01	

Traffic Census Data

1. CVC Survey (7 Day)
2. OD Survey (~ 10%)

Traffic Census Data

1. CVC Survey (7 Day)

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbhera-mangalwar
 Day Saturday-Sunday
 Date 26.06.2010 / 27.06.2010
 Sheet No. 1

Road MDR -11A
 Time 10.30 AM
 Weather GOOD

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailer	Without Trailer	Cycle	Ricksha w	Animal s/ Carts	
10.30 To 11.30 AM	71	0	34	1	1	1	3	9	2	1	3	1	5	0	0	0
11.30 To 12.30 AM	82	0	19	3	2	3	4	4	1	1	3	1	6	0	0	0
12.30 To 1.30 AM	83	0	18	4	1	5	6	0	0	6	3	1	3	0	0	0
1.30 To 2.30 AM	87	1	22	2	0	3	6	1	2	2	1	1	3	0	0	0
2.30 To 3.30 AM	85	0	26	1	1	5	7	2	1	3	2	3	2	0	0	0
3.30 To 4.30 AM	80	0	38	1	0	5	3	3	2	2	3	1	7	0	0	1
4.30 To 5.30 AM	93	1	16	2	1	3	5	2	4	5	0	1	5	0	0	0
5.30 To 6.30 AM	72	0	36	1	1	3	8	2	4	1	2	0	3	0	0	1
6.30 To 7.30 AM	46	0	29	2	0	1	10	0	4	7	2	1	1	0	0	0
7.30 To 8.30 AM	46	0	17	0	0	0	4	0	1	3	2	3	2	0	0	1

8.30 To 9.30 AM	31	1	18	1	0	2	6	3	5	7	3	2	0	0	0	2
9.30 To 10.30 AM	12	0	13	1	0	1	4	1	5	4	2	0	0	0	0	0
10.30 To 11.30 AM	7	1	7	2	0	1	4	0	0	0	0	0	0	0	0	1
11.30 To 12.30 AM	5	0	6	1	1	2	5	0	0	0	0	0	0	0	0	0
12.30 To 1.30 AM	2	0	3	0	0	2	0	0	0	0	0	0	0	0	0	0
1.30 To 2.30 AM	1	0	6	0	0	0	5	0	0	0	0	0	0	0	0	0
2.30 To 3.30 AM	15	0	3	1	0	0	2	2	3	6	0	0	0	0	0	0
3.30 To 4.30 AM	4	0	0	0	0	0	6	2	2	3	0	0	0	0	0	0
4.30 To 5.30 AM	15	1	0	1	0	0	7	1	1	8	0	0	1	0	0	0
5.30 To 6.30 AM	20	1	0	1	0	0	2	2	0	11	0	0	0	0	0	0
6.30 To 7.30 AM	37	0	11	0	1	0	3	0	0	7	1	2	0	0	0	0
7.30 To 8.30 AM	80	1	16	0	0	4	0	0	3	1	2	5	0	0	0	0
8.30 To 9.30 AM	95	1	40	4	0	4	13	0	2	4	0	6	0	0	0	0
9.30 To 10.30 AM	80	5	26	3	0	0	8	1	0	3	3	2	0	0	0	0
Total	1149	13	404	32	9	45	121	35	42	85	32	30	38	0	0	6

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbhera-mangalwar
 Day Sunday to Monday
 Date 27.06.2010 / 28.06.2010
 Sheet No. 2

Road MDR 11A
 Time 10.30 AM
 Weather Good

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailer	Without Trailer	Cycle	Ricksha w	Animal s/ Carts	
10.30 To 11.30 AM	88	1	30	3	2	7	2	1	1	4	5	2	5	0	0	1
11.30 To 12.30 AM	66	3	24	1	0	3	3	1	1	8	0	1	7	0	2	0
12.30 To 1.30 AM	65	0	20	4	0	7	6	3	1	5	2	1	5	0	0	0
1.30 To 2.30 AM	38	1	20	1	1	3	1	3	1	8	3	0	0	0	0	0
2.30 To 3.30 AM	53	1	26	3	0	7	3	1	0	7	6	0	1	0	1	0
3.30 To 4.30 AM	40	2	22	3	1	3	2	1	0	2	2	0	0	0	0	0
4.30 To 5.30 AM	57	1	50	2	1	3	8	1	0	2	3	1	3	0	0	1
5.30 To 6.30 AM	58	3	20	2	0	6	4	1	1	5	1	3	0	0	0	0
6.30 To 7.30 AM	9	0	1	0	0	2	0	2	0	17	0	0	1	0	0	0
7.30 To 8.30 AM	41	0	14	1	0	2	3	6	2	2	0	3	0	0	0	0

8.30 To 9.30 AM	65	0	27	6	0	6	12	0	3	2	3	2	7	3	0	0
9.30 To 10.30 AM	50	0	17	2	0	2	3	0	0	0	0	1	0	0	0	0
10.30 To 11.30 AM	9	0	14	2	0	4	7	0	7	2	0	0	0	0	0	0
11.30 To 12.30 AM	1	0	11	1	1	1	2	0	4	6	0	0	0	0	0	0
12.30 To 1.30 AM	0	0	13	1	0	1	3	2	5	4	0	0	0	0	0	0
1.30 To 2.30 AM	0	0	12	1	0	1	2	3	2	3	0	0	0	0	0	0
2.30 To 3.30 AM	2	0	8	0	0	1	2	5	1	3	0	0	0	0	0	0
3.30 To 4.30 AM	2	0	10	0	0	1	3	3	1	4	0	0	0	0	0	0
4.30 To 5.30 AM	3	0	7	0	0	1	2	2	1	2	0	0	0	0	0	0
5.30 To 6.30 AM	15	0	12	0	0	0	2	7	1	4	0	0	0	0	0	0
6.30 To 7.30 AM	52	0	13	2	1	1	3	1	2	6	0	3	0	0	0	0
7.30 To 8.30 AM	79	3	31	5	1	10	2	1	1	3	0	0	0	0	0	0
8.30 To 9.30 AM	123	0	27	4	2	1	11	0	2	1	0	0	0	0	0	0
9.30 To 10.30 AM	101	2	23	3	1	4	4	2	1	0	1	2	0	0	0	0
G.Total	1017	17	452	47	11	77	90	46	38	100	26	19	29	3	3	2

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbhera-mangalwar
 Day Monday to Tuesday
 Date 28.06.2010 / 29.06.2010
 Sheet No. 3

Road MDR -11A
 Time 10.30am
 Weather GOOD

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	With Trailor	Cycle	Ricksha w	Animal s/ Carts	Others
10.30 To 11.30 AM	69	1	19	4	1	3	2	5	0	3	0	0	0	0	0	0
11.30 To 12.30 AM	120	1	45	25	2	6	3	10	2	30	2	0	0	0	0	0
12.30 To 1.30 AM	110	7	60	17	2	14	16	7	30	22	9	0	0	0	0	0
1.30 To 2.30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.30 To 3.30 AM	100	3	22	5	0	7	3	2	1	7	5	0	0	0	0	0
3.30 To 4.30 AM	105	1	35	10	0	3	6	1	0	12	2	0	0	0	0	0
4.30 To 5.30 AM	145	3	48	10	0	7	15	4	1	9	5	2	0	0	0	0
5.30 To 6.30 AM	105	0	55	4	0	1	1	4	2	3	3	2	0	0	0	0
6.30 To 7.30 AM	52	0	25	7	0	2	8	0	0	3	0	0	0	0	0	0
7.30 To 8.30 AM	120	0	15	9	0	0	3	7	0	7	1	0	0	0	0	0

8.30 To 9.30 AM	90	1	22	13	0	0	0	16	21	33	3	3	0	0	0	0
9.30 To 10.30 AM	135	0	24	16	0	0	17	24	12	27	0	0	0	0	0	0
10.30 To 11.30 AM	7	0	47	31	0	0	7	22	3	33	0	0	0	0	0	0
11.30 To 12.30 AM	0	0	15	3	0	0	3	33	7	41	0	0	0	0	0	0
12.30 To 1.30 AM	0	0	3	3	0	0	1	25	0	53	0	0	0	0	0	0
1.30 To 2.30 AM	0	0	0	0	0	0	0	5	0	16	0	0	0	0	0	0
2.30 To 3.30 AM	0	0	8	1	2	4	1	2	4	0	0	0	0	0	0	0
3.30 To 4.30 AM	0	0	6	2	2	5	2	0	6	0	0	0	0	0	0	0
4.30 To 5.30 AM	2	0	7	1	2	4	1	4	4	0	0	0	0	0	0	0
5.30 To 6.30 AM	8	0	12	3	3	6	2	3	5	2	1	6	0	0	0	0
6.30 To 7.30 AM	34	0	14	2	0	3	3	1	2	4	0	1	2	0	0	0
7.30 To 8.30 AM	48	0	19	3	0	3	8	1	3	6	2	0	6	0	0	0
8.30 To 9.30 AM	67	0	19	2	0	4	5	1	1	4	1	1	3	0	0	0
9.30 To 10.30 AM	54	0	22	4	0	3	7	2	0	5	3	0	5	0	0	0
G.Total	1371	17	542	175	14	75	114	179	104	320	37	15	16	0	0	0

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbhera-mangalwar
 Day Tuesday-Wednesday
 Date 29.06.2010/30.06.2010
 Sheet No. 4

Road MDR -11A
 Time 10.30am
 Weather GOOD

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	With Trailor	Cycle	Ricksha w	Animal s/ Carts	Others
10.30 To 11.30 AM	93	1	37	7	3	5	4	3	6	7	1	1	0	0	0	0
11.30 To 12.30 AM	100	0	36	9	2	3	3	4	4	8	2	4	0	0	0	0
12.30 To 1.30 AM	82	0	22	3	2	2	6	2	10	13	5	2	0	0	0	0
1.30 To 2.30 AM	90	0	33	5	1	6	5	5	9	11	2	1	0	0	0	0
2.30 To 3.30 AM	91	0	21	2	2	7	7	2	21	12	5	2	1	0	0	0
3.30 To 4.30 AM	0	1	15	1	4	3	3	4	7	4	3	1	1	0	0	0
4.30 To 5.30 AM	57	22	2	1	6	5	3	6	6	1	1	0	0	0	0	0
5.30 To 6.30 AM	60	6	3	1	2	9	0	1	3	3	2	1	0	0	0	0
6.30 To 7.30 AM	77	0	13	4	2	1	5	1	2	2	2	1	3	0	0	0
7.30 To 8.30 AM	23	0	12	8	0	2	7	3	2	3	2	2	3	0	0	0

8.30 To 9.30 AM	38	1	17	7	1	2	8	5	4	4	3	1	5	0	0	0
9.30 To 10.30 AM	27	0	10	2	0	1	4	4	1	6	1	1	0	0	0	0
10.30 To 11.30 AM	5	1	5	1	0	2	3	1	7	11	0	0	0	0	0	0
11.30 To 12.30 AM	4	2	4	2	0	2	4	2	4	6	1	0	0	0	0	0
12.30 To 1.30 AM	2	0	6	2	0	1	3	2	2	4	0	1	0	0	0	0
1.30 To 2.30 AM	0	0	5	1	0	14	1	7	5	1	0	0	0	0	0	0
2.30 To 3.30 AM	1	1	4	2	0	0	2	2	4	3	0	0	0	0	0	0
3.30 To 4.30 AM	0	0	7	1	1	4	3	5	4	1	0	0	0	0	0	0
4.30 To 5.30 AM	2	0	4	2	0	1	2	2	3	1	1	0	0	0	0	0
5.30 To 6.30 AM	6	0	12	1	0	1	2	1	4	3	2	0	1	0	0	0
6.30 To 7.30 AM	49	0	14	1	0	1	3	2	2	2	3	1	5	0	0	1
7.30 To 8.30 AM	188	0	11	3	1	6	6	1	3	3	2	1	2	0	0	0
8.30 To 9.30 AM	75	1	10	7	0	4	15	0	0	2	0	1	6	0	0	1
9.30 To 10.30 AM	77	1	18	2	0	3	4	1	0	0	5	0	3	0	0	0
G.Total	1147	37	321	75	27	85	103	66	113	111	43	21	30	0	0	2

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbhera-mangalwar
 Day Wednesday-Thursday
 Date 30.06.2010/01.07.2010
 Sheet No. 5

Road MDR -11A
 Time 10.30am
 Weather GOOD

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Min	Full		2-Axle	3-Axle	Multi Axle	With Trailer	Without Trailer	Cycle	Ricksha w	Animal s/ Carts	
10.30 To 11.30 AM	81	0	20	7	3	4	5	3	3	1	4	2	4	0	0	0
11.30 To 12.30 AM	51	0	17	3	0	3	4	2	6	4	3	0	4	0	0	0
12.30 To 1.30 AM	43	1	11	3	0	3	3	1	4	7	2	3	4	0	0	0
1.30 To 2.30 AM	47	0	13	4	1	2	5	3	5	6	1	2	3	0	0	0
2.30 To 3.30 AM	45	0	17	5	1	2	7	4	8	7	2	1	4	0	0	1
3.30 To 4.30 AM	49	1	13	2	2	2	3	4	2	7	5	1	2	5	0	0
4.30 To 5.30 AM	41	1	11	4	1	3	4	0	4	2	0	4	0	0	0	0
5.30 To 6.30 AM	74	0	19	3	1	2	2	1	2	5	3	0	10	0	0	1
6.30 To 7.30 AM	66	2	17	3	0	1	4	1	2	3	4	1	1	0	0	2
7.30 To 8.30 AM	29	0	5	2	0	0	3	1	3	5	0	0	0	0	0	0

8.30 To 9.30 AM	32	0	22	1	1	2	2	3	3	4	0	2	0	0	0	0
9.30 To 10.30 AM	21	0	18	3	0	3	1	6	6	7	1	1	0	0	0	0
10.30 To 11.30 AM	18	0	12	0	0	1	0	2	0	0	0	0	0	0	0	0
11.30 To 12.30 AM	8	0	16	0	0	1	0	2	0	5	0	0	0	0	0	0
12.30 To 1.30 AM	3	0	15	1	0	1	2	2	3	2	0	0	0	0	0	0
1.30 To 2.30 AM	2	0	7	0	0	1	1	3	2	4	0	0	0	0	0	0
2.30 To 3.30 AM	0	0	5	2	0	0	2	2	4	3	0	0	0	0	0	0
3.30 To 4.30 AM	0	0	3	1	0	1	0	1	5	4	0	0	1	0	0	0
4.30 To 5.30 AM	3	0	9	1	0	3	4	1	2	4	0	2	0	0	0	0
5.30 To 6.30 AM	24	0	13	2	0	3	3	0	3	2	1	1	2	0	0	0
6.30 To 7.30 AM	55	0	7	1	4	4	1	4	1	0	2	5	0	0	0	0
7.30 To 8.30 AM	84	0	11	1	2	4	13	0	3	3	2	0	4	0	0	0
8.30 To 9.30 AM	72	0	20	4	0	4	11	2	1	0	1	3	4	0	0	0
9.30 To 10.30 AM	68	0	17	9	1	2	9	2	2	2	3	4	0	0	0	0
G.Total	916	5	318	62	17	52	89	50	74	87	34	32	43	5	0	4

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbhera-mangalwar
 Day Thrusday to Friday
 Date 1.07.2010/02.07.2010
 Sheet No. 6

Road MDR -11A
 Time 10.30am
 Weather GOOD

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Traile	Without Trailor	Cycle	Ricksha w	Animal s/ Carts	
10.30 To 11.30 AM	55	0	11	3	1	4	7	0	1	8	4	3	3	0	0	0
11.30 To 12.30 AM	76	0	21	4	2	5	4	3	1	7	2	1	5	0	1	0
12.30 To 1.30 AM	55	0	9	3	0	3	5	3	2	0	3	5	0	0	0	0
1.30 To 2.30 AM	55	0	12	3	0	0	6	0	2	2	0	0	0	0	0	0
2.30 To 3.30 AM	43	0	13	3	0	6	5	1	0	2	7	0	4	0	0	0
3.30 To 4.30 AM	35	0	15	6	1	3	8	6	2	7	5	2	0	0	0	1
4.30 To 5.30 AM	64	1	15	6	1	2	3	1	4	1	0	1	0	0	0	0
5.30 To 6.30 AM	73	2	20	6	0	2	1	0	2	4	3	0	2	0	0	0
6.30 To 7.30 AM	51	0	13	4	0	2	3	0	9	11	3	0	2	0	0	0
7.30 To 8.30 AM	48	0	15	2	0	3	4	1	6	9	2	1	3	0	0	0

8.30 To 9.30 AM	47	2	12	2	1	3	7	2	1	10	5	0	5	0	0	0
9.30 To 10.30 AM	47	12	2	2	2	2	5	0	5	13	4	0	15	0	0	0
10.30 To 11.30 AM	43	0	7	2	0	6	7	0	2	7	8	0	5	0	0	0
11.30 To 12.30 AM	53	0	12	2	0	4	9	3	4	13	8	0	5	0	0	0
12.30 To 1.30 AM	25	5	0	0	2	5	0	0	2	0	0	1	0	0	0	1
1.30 To 2.30 AM	10	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
2.30 To 3.30 AM	15	8	10	0	0	0	0	0	0	0	0	0	0	1	0	0
3.30 To 4.30 AM	20	5	0	3	5	1	0	0	2	0	1	0	0	0	0	0
4.30 To 5.30 AM	25	0	5	0	3	0	4	0	5	0	0	0	0	0	0	0
5.30 To 6.30 AM	17	0	7	0	2	3	5	3	5	4	0	0	0	0	0	0
6.30 To 7.30 AM	30	5	10	0	2	2	7	4	4	7	4	3	0	0	0	0
7.30 To 8.30 AM	48	3	8	0	2	3	3	0	4	4	0	0	0	0	0	0
8.30 To 9.30 AM	73	0	12	7	0	2	8	4	2	7	0	3	9	0	0	0
9.30 To 10.30 AM	74	0	15	6	0	3	10	1	0	2	0	2	5	0	0	0
G.Total	1082	43	244	64	24	64	111	32	65	118	62	22	63	1	1	2

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbhera-mangalwar
 Day Friday - Saturday
 Date 2.07.2010/03.07.2010
 Sheet No. 7

Road MDR -11A
 Time 10.30am
 Weather GOOD

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	Without Trailor	Cycle	Ricksha w	Animal s/ Carts	Others
10.30 To 11.30 AM	66	0	14	5	1	4	4	1	0	5	3	1	7	0	1	0
11.30 To 12.30 AM	72	0	19	7	0	3	4	1	1	2	5	1	3	0	0	0
12.30 To 1.30 AM	63	1	12	5	0	4	2	0	1	4	8	0	0	0	0	0
1.30 To 2.30 AM	60	0	20	4	0	4	4	1	1	3	2	1	2	0	0	1
2.30 To 3.30 AM	58	0	11	2	0	3	1	2	3	5	1	0	0	0	0	0
3.30 To 4.30 AM	74	0	12	7	0	3	8	0	4	1	3	1	0	0	0	0
4.30 To 5.30 AM	34	0	8	4	0	2	3	1	1	5	1	5	1	0	0	0
5.30 To 6.30 AM	45	1	7	2	0	3	1	2	1	4	1	1	1	3	0	0
6.30 To 7.30 AM	79	1	13	3	0	2	3	2	5	1	3	3	0	0	0	0
7.30 To 8.30 AM	49	10	2	0	2	2	2	2	4	2	1	0	0	0	0	0

8.30 To 9.30 AM	38	0	18	5	0	2	4	4	2	6	2	1	0	0	0	0
9.30 To 10.30 AM	33	0	14	4	2	2	2	4	2	3	0	0	0	0	0	0
10.30 To 11.30 AM	23	16	2	1	1	4	3	1	0	2	0	0	0	0	0	0
11.30 To 12.30 AM	23	9	3	2	1	3	2	5	2	2	0	0	0	0	0	0
12.30 To 1.30 AM	5	0	12	2	0	2	2	4	3	3	2	0	0	0	0	0
1.30 To 2.30 AM	2	0	7	1	0	1	1	3	1	2	1	0	0	0	0	0
2.30 To 3.30 AM	3	0	6	1	0	2	2	2	3	2	1	0	0	0	0	0
3.30 To 4.30 AM	1	0	7	2	0	2	1	3	2	4	1	0	0	0	0	0
4.30 To 5.30 AM	4	0	13	2	0	3	3	1	1	1	0	0	0	0	0	0
5.30 To 6.30 AM	0	0	13	3	0	3	5	0	2	3	0	0	0	0	0	0
6.30 To 7.30 AM	0	0	14	1	0	2	4	2	1	5	2	1	3	0	0	0
7.30 To 8.30 AM	0	0	18	2	0	3	5	1	2	4	0	1	6	0	0	0
8.30 To 9.30 AM	55	0	14	1	2	5	2	3	5	3	0	5	0	0	0	0
9.30 To 10.30 AM	64	1	19	2	0	3	7	2	1	4	2	1	8	0	0	0
G.Total	851	39	278	68	9	67	75	47	48	76	39	22	31	3	1	1

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbahera -Mangalwar
 Day FARIDAY-SATURDAY
 Date 26.06.2010/03.07.2010
 Sheet No.

Road MDR 11A
 Time -
 Weather Good

Abstract at km 5/000

TIME (Hourly)	Wheelers				Bus			Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full	LCV	2-Axle	3-Axle	Multi Axle	with Trailer	without Tra	Cycle	Rikshaw	Animals / Carts	
PCU	0.5	1	1	1	1.5	3	1.5	3	3	4.5	4.5	1.5	0.5	2	8	6
26.6.10/ 27.6.10	1149	13	404	32	9	45	121	35	42	85	32	30	38	0	0	6
27.6.10/ 28.6.10	1017	17	452	47	11	77	90	46	38	100	26	19	29	3	3	2
28.6.10/ 29.6.10	1371	17	542	175	14	75	114	179	104	320	37	15	16	0	0	0
29.6.10/ 30.6.10	1147	37	321	75	27	85	103	66	113	111	43	21	30	0	0	2
30.6.10/ 1.7.10	916	5	318	62	17	52	89	50	74	87	34	32	43	5	0	4
1.7.10/ 2.7.10	1082	43	244	64	24	64	111	32	65	118	62	22	63	1	1	2
2.7.10/ 3.7.10	851	39	278	68	9	67	75	47	48	76	39	22	31	3	1	1
Total	7533	171	2559	523	111	465	703	455	484	897	273	161	250	12	5	17
Average	1076	24	366	75	16	66	100	65	69	128	39	23	36	2	1	2

Nimbaded a to Mangalwa d	1076	24	366	75	16	66	100	65	69	128	39	23	36	2	1	2
Mangalwar to Nimbaheda	1086	13	400	94	18	73	97	54	71	111	43	20	37	0	1	2
G. Total	2163	37	766	168	34	139	197	119	140	239	82	43	73	2	2	5

Motor 4127

498

0.12067

0.5	1	1	1	1.5	3	1.5	3	3	4.5	4.5	1.5	0.5		8	6
1081.5	37	766	168	51	417	295.5	357	420	1075.5	369	64.5	36.5		16	30

Nimbahera to Mangalwad

TIME (Hourly)	Wheelers				Bus			LCV	Truck			Tractor		Slow moving vechile			OTHE RS
	TWO	THREE	Car	Jeep	Mini	Full	2-AXLE		3-AXLE	MULTI AXLE	With Trailor	Without Trailor	CYCLE	Rikshaw	Animal s/ CARTS		
10.30 To 11.30 AM	75	0	24	4	2	4	4	3	2	4	3	1	3	0	0	0	
11.30 To 12.30 AM	81	1	26	7	1	4	4	4	2	9	2	1	4	0	0	0	
12.30 To 1.30 AM	72	1	22	6	1	5	6	2	7	8	5	2	2	0	0	0	
1.30 To 2.30 AM	54	0	17	3	0	3	4	2	3	5	1	1	1	0	0	0	
2.30 To 3.30 AM	68	1	19	3	1	5	5	2	5	6	4	1	2	0	0	0	
3.30 To 4.30 AM	55	1	21	4	1	3	5	3	2	5	3	1	1	1	0	0	
4.30 To 5.30 AM	70	4	21	4	1	4	6	2	3	4	1	2	1	0	0	0	
5.30 To 6.30 AM	70	2	23	3	1	4	2	2	2	4	2	1	2	0	0	0	
6.30 To 7.30 AM	54	0	16	3	0	2	5	1	3	6	2	1	1	0	0	0	
7.30 To 8.30 AM	51	1	11	3	0	1	4	3	3	4	1	1	1	0	0	0	
8.30 To 9.30 AM	49	1	19	5	0	2	6	5	6	9	3	2	2	0	0	0	
9.30 To 10.30 AM	46	2	14	4	1	2	5	6	4	9	1	0	2	0	0	0	

10.30 To 11.30 AM	16	3	13	6	0	3	4	4	3	8	1	0	1	0	0	0
11.30 To 12.30 AM	13	2	10	2	0	2	4	6	3	10	1	0	1	0	0	0
12.30 To 1.30 AM	5	1	7	1	0	2	2	5	2	9	0	0	0	0	0	0
1.30 To 2.30 AM	2	0	5	0	0	2	1	3	1	4	1	0	0	0	0	0
2.30 To 3.30 AM	5	1	6	1	0	1	2	2	3	2	0	0	0	0	0	0
3.30 To 4.30 AM	4	1	5	1	1	2	2	2	3	2	0	0	0	0	0	0
4.30 To 5.30 AM	8	0	6	1	1	2	3	2	2	2	0	0	0	0	0	0
5.30 To 6.30 AM	13	0	10	1	1	2	3	2	3	4	1	1	0	0	0	0
6.30 To 7.30 AM	37	1	12	1	1	2	3	2	2	4	2	2	1	0	0	0
7.30 To 8.30 AM	75	1	16	2	1	5	5	1	3	3	1	1	3	0	0	0
8.30 To 9.30 AM	80	0	20	4	1	3	9	1	2	3	0	3	3	0	0	0
9.30 To 10.30 AM	74	1	20	4	0	3	7	2	1	2	2	2	3	0	0	0
Total	1077	25	363	73	15	68	101	67	70	126	37	23	34	1	0	0

Mangalwad_Nimbaheda Complete(TOLL)

TIME (Hourly)	Wheelers				Bus			LCV	Truck			Tractor		Slow moving vechile			OTHE RS
	TWO	THREE	Car	Jeep	Mini	Full	2-AXLE		3-AXLE	MULTI AXLE	With Trailor	Without Trailor	CYCLE	Rikshaw	Animal s/ CARTS		
10.30 To 11.30 AM	146	1	43	9	4	8	7	4	3	9	5	2	5	0	0	0	
11.30 To 12.30 AM	156	2	43	11	2	8	8	6	4	17	5	2	6	0	0	0	
12.30 To 1.30 AM	141	1	46	13	3	8	10	4	11	14	7	3	4	0	0	0	
1.30 To 2.30 AM	104	0	29	5	1	5	6	4	5	9	3	2	2	0	0	0	
2.30 To 3.30 AM	129	1	40	5	2	9	9	5	7	10	5	2	3	0	0	0	
3.30 To 4.30 AM	112	1	40	9	2	6	9	6	5	8	5	2	3	1	0	0	
4.30 To 5.30 AM	156	4	50	11	2	9	13	5	5	10	3	3	3	0	0	0	
5.30 To 6.30 AM	148	2	51	8	2	7	7	3	4	6	4	2	6	0	0	0	
6.30 To 7.30 AM	137	1	43	9	1	5	11	3	6	9	5	2	6	0	0	0	
7.30 To 8.30 AM	116	1	47	9	1	4	9	5	6	9	4	3	2	0	0	0	
8.30 To 9.30 AM	97	2	40	11	1	5	12	7	11	14	6	3	4	0	0	0	
9.30 To 10.30 AM	78	2	29	7	1	3	10	13	9	21	3	1	2	0	0	0	

10.30 To 11.30 AM	38	3	27	9	1	5	8	5	6	12	2	0	2	0	0	0
11.30 To 12.30 AM	23	2	21	4	0	3	7	10	6	14	2	1	2	0	0	0
12.30 To 1.30 AM	16	1	15	3	1	3	4	8	4	12	2	0	1	0	0	0
1.30 To 2.30 AM	18	0	15	4	0	4	3	5	4	8	3	1	0	0	0	0
2.30 To 3.30 AM	14	1	13	4	0	2	5	4	7	7	1	0	0	0	0	0
3.30 To 4.30 AM	15	1	10	3	2	3	5	4	8	4	1	0	0	0	0	0
4.30 To 5.30 AM	21	1	13	2	2	3	6	4	4	5	1	0	0	0	0	0
5.30 To 6.30 AM	35	1	21	4	1	4	8	4	7	9	2	2	1	0	0	0
6.30 To 7.30 AM	70	2	27	2	2	4	7	4	5	9	3	3	3	0	0	0
7.30 To 8.30 AM	122	2	27	4	2	8	8	2	5	7	3	2	5	0	0	0
8.30 To 9.30 AM	137	1	39	13	1	19	14	2	6	7	1	4	5	0	0	0
9.30 To 10.30 AM	134	2	36	7	1	6	12	3	3	6	4	3	5	1	0	0
Total	2163	35	765	166	35	141	198	120	141	236	80	43	70	2	0	0

Traffic Census Field Data Sheet

Direction of Traffic **Mangalwad-Nimbaheda(Toll)**

Road **MDR - 11A**

Date : 26.06.2010 to 03.07.2010

Day 07 days

Abstract at km 5/000

TIME (Hourly)	Wheelers				Bus			Truck				Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full	LCV	2-Axle	3-Axle	Multi Axle	with Trailer	without Tra	Cycle	Rikshaw	Animals / Carts		
PCU	0.5	1	1	1	1.5	3	1.5	3	3	4.5	4.5	1.5	0.5	2	8	6	
26.6.10/27.6.10	2264	33	825	98	16	80	264	65	89	198	57	40	77	0	0	15	
27.6.10/28.6.11	2098	29	932	115	25	146	195	113	95	216	57	37	47	3	6	4	
28.6.10/29.6.12	2722	24	1121	357	30	152	211	262	160	484	74	30	44	0	1	1	
29.6.10/30.6.13	2158	52	627	152	56	143	182	139	223	202	87	42	60	0	0	2	
30.6.10/1.7.14	1861	10	643	141	28	108	164	82	166	197	82	48	104	5	0	5	
1.7.10/2.7.15	2249	65	519	173	60	132	201	96	140	234	139	51	104	1	1	5	
2.7.10/3.7.16	1786	46	693	142	20	215	162	77	108	143	76	54	75	3	4	1	
Total	15138	259	5360	1178	235	976	1379	834	981	1674	572	302	511	12	12	33	
Average	2162.57	37.00	765.71	168.29	33.57	139.43	197.00	119.14	140.14	239.14	81.71	43.14	73.00	1.71	1.71	4.71	

0.5	1	1	1	1.5	3	1.5	3	3	3	4.5	4.5	1.5	0.5	2	8	6
1081	37	766	168	50	418	296	357	420	1076	368	65	37	3	14	28	

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Mangalwar-Nimbahera
 Day Saturday-Sunday
 Date 26.06.2010/27.06.2010
 Sheet No.

Road MDR -11A
 Time 10.30 AM
 Weather GOOD

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailo	Without Trailor	Cycle	Ricksha w	Animals/ Carts	
10.30 To 11.30 AM	66	1	13	2	0	4	3	3	2	3	1	0	0	0	0	2
11.30 To 12.30 AM	65	2	5	4	1	2	6	1	7	6	2	0	6	0	0	1
12.30 To 1.30 AM	49	0	19	2	0	2	7	1	0	6	3	1	6	0	0	1
1.30 To 2.30 AM	75	0	17	0	0	2	2	0	1	4	1	1	2	0	0	2
2.30 To 3.30 AM	84	0	21	1	2	3	5	3	0	3	2	1	2	0	0	1
3.30 To 4.30 AM	76	0	17	1	0	4	4	1	3	3	0	3	6	0	0	1
4.30 To 5.30 AM	75	0	26	4	0	2	4	2	3	6	0	0	2	0	0	0
5.30 To 6.30 AM	48	0	31	1	0	2	8	0	1	1	1	1	2	0	0	0
6.30 To 7.30 AM	95	4	35	6	1	4	12	2	1	3	3	0	6	0	0	0
7.30 To 8.30 AM	86	0	36	2	0	1	9	1	2	6	6	0	4	0	0	1
8.30 To 9.30 AM	50	1	22	4	0	0	7	1	0	6	3	1	1	0	0	0

9.30 To 10.30 AM	15	1	16	1	0	0	6	2	6	3	1	0	1	0	0	0
10.30 To 11.30 AM	7	0	15	0	0	0	8	0	1	6	1	0	0	0	0	0
11.30 To 12.30 AM	3	0	11	0	0	0	10	1	6	7	0	0	0	0	0	0
12.30 To 1.30 AM	2	0	5	0	0	0	1	1	0	6	0	0	0	0	0	0
1.30 To 2.30 AM	6	0	7	2	0	0	2	1	0	2	1	1	0	0	0	0
2.30 To 3.30 AM	10	2	11	7	0	0	2	0	0	7	0	0	0	0	0	0
3.30 To 4.30 AM	17	0	3	7	0	0	7	3	6	1	0	0	0	0	0	0
4.30 To 5.30 AM	23	2	5	2	0	0	8	1	0	7	0	1	0	0	0	0
5.30 To 6.30 AM	25	0	18	10	0	0	8	0	0	11	0	0	0	0	0	0
6.30 To 7.30 AM	40	1	27	3	1	0	8	0	0	2	0	0	0	0	0	0
7.30 To 8.30 AM	41	1	10	1	1	3	2	1	2	2	0	0	0	0	0	0
8.30 To 9.30 AM	71	3	21	3	0	3	10	4	5	4	0	0	1	0	0	0
9.30 To 10.30 AM	86	2	30	3	1	3	4	1	1	8	0	0	0	0	0	0
Total	1115	20	421	66	7	35	143	30	47	113	25	10	39	0	0	9

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Mangalwar-Nimbahera
 Day Sunday to Monday
 Date 27.06.2010/28.06.2010

Road MDR 11A
 Time 1:00
 Weather Good

Sheet No.

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailo	Without Trailor	Cycle	Ricksha w	Animals/ Carts	
10.30 To 11.30 AM	100	2	34	5	2	5	6	0	0	16	1	0	6	0	0	0
11.30 To 12.30 AM	72	2	17	2	1	5	3	0	0	6	4	1	5	0	1	0
12.30 To 1.30 AM	76	1	37	2	0	2	7	0	1	11	1	2	3	0	0	0
1.30 To 2.30 AM	33	1	20	3	1	5	2	5	0	5	2	2	0	0	0	0
2.30 To 3.30 AM	54	1	38	4	0	3	6	3	1	6	1	3	1	0	2	0
3.30 To 4.30 AM	43	1	19	0	0	1	10	2	2	2	1	0	0	0	0	1
4.30 To 5.30 AM	80	2	40	2	2	13	9	3	2	9	5	2	1	0	0	0
5.30 To 6.30 AM	69	0	23	4	1	4	0	0	0	1	0	2	1	0	0	0
6.30 To 7.30 AM	115	0	54	9	1	4	10	2	6	4	5	2	1	0	0	1
7.30 To 8.30 AM	90	0	14	3	0	4	6	0	6	7	2	0	0	0	0	0
8.30 To 9.30 AM	61	0	21	2	0	3	7	0	1	5	1	0	0	0	0	0

9.30 To 10.30 AM	26	0	15	3	0	0	7	0	7	4	1	0	0	0	0	0
10.30 To 11.30 AM	13	0	12	3	2	1	5	0	3	2	0	1	0	0	0	0
11.30 To 12.30 AM	1	0	18	5	0	2	1	19	2	6	0	0	0	0	0	0
12.30 To 1.30 AM	0	0	12	1	0	1	1	11	0	4	0	0	0	0	0	0
1.30 To 2.30 AM	0	0	18	2	0	1	2	9	0	2	0	0	0	0	0	0
2.30 To 3.30 AM	2	0	8	1	1	0	6	2	3	1	0	0	0	0	0	0
3.30 To 4.30 AM	2	0	6	1	1	1	3	3	3	0	0	0	0	0	0	0
4.30 To 5.30 AM	1	0	7	2	1	1	0	2	2	0	0	0	0	0	0	0
5.30 To 6.30 AM	21	0	10	3	0	2	1	4	7	0	0	0	0	0	0	0
6.30 To 7.30 AM	27	0	9	0	0	2	2	2	5	5	0	0	0	0	0	0
7.30 To 8.30 AM	55	1	16	3	1	4	7	0	2	9	2	2	0	0	0	0
8.30 To 9.30 AM	71	1	19	6	0	2	3	0	4	6	1	0	0	0	0	0
9.30 To 10.30 AM	69	0	13	2	0	3	1	0	0	5	4	1	0	0	0	0
G.Total	1081	12	480	68	14	69	105	67	57	116	31	18	18	0	3	2

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Mangalwar-Nembahera

Road MDR 11A

Day Sunday to munday

Time 1:00

Date 28.06.2010/29.06.2010

Weather Good

Sheet No.

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailo	With Trailor	Cycle	Ricksha w	Animals/ Carts	Others
10.30 To 11.30 AM	49	1	20	7	3	3	2	1	1	5	2	0	0	0	0	0
11.30 To 12.30 AM	115	0	45	15	2	6	2	7	2	21	1	1	0	0	0	0
12.30 To 1.30 AM	115	0	53	25	7	6	3	6	13	8	4	0	0	0	0	0
1.30 To 2.30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.30 To 3.30 AM	85	1	30	3	0	6	5	2	0	4	1	0	0	0	0	0
3.30 To 4.30 AM	100	0	28	8	0	3	4	7	3	6	1	1	0	0	0	0
4.30 To 5.30 AM	205	0	63	20	0	6	17	3	2	14	3	0	0	0	0	0
5.30 To 6.30 AM	105	1	61	13	1	4	7	3	0	6	2	0	0	0	0	0
6.30 To 7.30 AM	56	0	19	1	0	3	0	3	3	2	3	0	0	0	0	0
7.30 To 8.30 AM	105	0	47	21	0	7	6	1	0	4	3	0	0	0	0	0
8.30 To 9.30 AM	62	0	51	20	0	4	13	3	17	6	1	2	0	0	1	0

9.30 To 10.30 AM	75	0	22	6	0	0	7	33	3	58	1	1	0	0	0	0
10.30 To 11.30 AM	50	2	15	6	1	5	2	1	0	2	2	0	5	1	0	1
11.30 To 12.30 AM	25	2	11	4	0	0	0	0	0	0	0	3	6	0	0	0
12.30 To 1.30 AM	15	0	9	9	2	0	1	0	0	0	4	0	8	1	0	0
1.30 To 2.30 AM	50	0	7	15	0	7	0	1	0	0	6	5	1	0	0	0
2.30 To 3.30 AM	1	0	6	1	0	1	2	2	3	5	0	0	0	0	0	0
3.30 To 4.30 AM	0	0	7	2	0	2	3	0	1	3	0	0	0	0	0	0
4.30 To 5.30 AM	2	0	5	1	0	2	4	1	2	6	2	0	0	0	0	0
5.30 To 6.30 AM	4	0	8	2	0	4	6	2	2	4	0	0	5	0	0	0
6.30 To 7.30 AM	6	0	16	0	0	1	0	0	0	6	0	0	1	0	0	0
7.30 To 8.30 AM	16	0	10	0	0	2	2	2	0	1	1	1	1	0	0	0
8.30 To 9.30 AM	60	0	34	3	0	4	4	2	4	2	0	1	1	0	0	0
9.30 To 10.30 AM	50	0	12	0	0	1	7	3	0	1	0	0	0	0	0	0
G.Total	1351	7	579	182	16	77	97	83	56	164	37	15	28	2	1	1

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Mangalwar-Nimbahera
 Day Tuesday-Wednesday
 Date 29.06.2010/30.06.2010
 Sheet No.

Road MDR -11A
 Time 10.30 AM
 Weather GOOD

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailo	Without Trailor	Cycle	Ricksha w	Animals/ Carts	Others
10.30 To 11.30 AM	92	1	32	1	1	2	3	3	2	4	2	2	0	0	0	0
11.30 To 12.30 AM	80	0	3	3	0	8	1	2	3	6	1	2	0	0	0	0
12.30 To 1.30 AM	75	0	26	6	3	4	3	7	8	9	1	1	0	0	0	0
1.30 To 2.30 AM	87	0	19	4	5	3	4	5	7	8	3	2	0	0	0	0
2.30 To 3.30 AM	77	0	21	1	4	2	2	8	7	2	1	0	0	0	0	0
3.30 To 4.30 AM	28	0	17	3	5	2	2	5	4	1	2	0	0	0	0	0
4.30 To 5.30 AM	70	0	19	9	2	6	6	8	4	2	0	0	0	0	0	0
5.30 To 6.30 AM	76	0	22	6	0	3	5	1	0	2	7	0	3	0	0	0
6.30 To 7.30 AM	105	1	30	4	1	2	5	3	2	3	3	4	7	0	0	0
7.30 To 8.30 AM	39	2	17	5	0	3	7	2	3	5	2	2	3	0	0	0
8.30 To 9.30 AM	47	2	8	4	1	2	4	3	5	4	2	1	3	0	0	0

9.30 To 10.30 AM	24	0	9	5	0	1	5	2	7	5	2	1	1	0	0	0
10.30 To 11.30 AM	5	0	15	3	0	1	1	1	2	5	1	0	0	0	0	0
11.30 To 12.30 AM	3	0	6	4	1	1	3	3	4	4	3	0	0	0	0	0
12.30 To 1.30 AM	3	0	3	1	0	1	3	1	8	3	1	0	0	0	0	0
1.30 To 2.30 AM	1	0	4	2	0	1	2	0	10	4	0	0	0	0	0	0
2.30 To 3.30 AM	0	0	2	3	0	2	0	2	7	2	2	0	0	0	0	0
3.30 To 4.30 AM	0	0	2	1	4	1	0	1	3	2	5	3	0	1	0	0
4.30 To 5.30 AM	7	0	7	1	0	1	3	2	6	4	1	0	0	0	0	0
5.30 To 6.30 AM	17	0	7	2	0	2	4	3	5	3	2	1	2	0	0	0
6.30 To 7.30 AM	32	8	3	0	2	5	2	6	4	1	0	1	0	0	0	0
7.30 To 8.30 AM	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.30 To 9.30 AM	60	1	20	5	0	2	5	3	6	8	2	1	7	0	0	0
9.30 To 10.30 AM	42	0	14	4	0	3	9	2	3	4	1	0	4	0	0	0
G.Total	1011	15	306	77	29	58	79	73	110	91	44	21	30	1	0	0

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbhera-mangalwar
 Day Wednesday-Thursday
 Date 30.06.2010/01.07.2010

Road MDR -11A
 Time 10.30 AM
 Weather GOOD

Sheet No.

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailo	without Trailor	Cycle	Ricksha w	Animals/ Carts	
10.30 To 11.30 AM	69	0	11	9	1	4	4	1	1	7	4	0	2	0	0	0
11.30 To 12.30 AM	53	1	17	2	1	4	5	0	2	7	2	0	1	0	0	0
12.30 To 1.30 AM	48	0	18	5	0	3	4	1	4	5	4	1	5	0	0	0
1.30 To 2.30 AM	37	0	11	3	0	3	3	2	3	4	2	0	3	0	0	0
2.30 To 3.30 AM	42	1	13	3	1	4	3	3	4	5	1	0	5	0	0	0
3.30 To 4.30 AM	52	0	12	4	0	4	4	2	3	4	2	1	4	0	0	0
4.30 To 5.30 AM	51	0	15	2	0	2	5	1	3	10	2	0	2	0	0	0
5.30 To 6.30 AM	93	0	22	4	1	3	6	0	7	3	3	1	5	0	0	0
6.30 To 7.30 AM	96	1	23	10	0	2	2	2	3	1	2	2	8	0	0	0
7.30 To 8.30 AM	53	0	9	4	0	2	5	1	7	7	4	1	2	0	0	0
8.30 To 9.30 AM	40	0	17	2	1	3	3	2	4	6	6	1	2	0	0	0

9.30 To 10.30 AM	26	0	21	1	0	2	5	3	2	3	1	0	0	0	0	0
10.30 To 11.30 AM	29	0	18	1	0	2	2	2	5	4	1	0	0	0	0	0
11.30 To 12.30 AM	9	0	18	0	0	2	1	0	2	3	1	2	0	0	0	0
12.30 To 1.30 AM	8	0	12	1	0	1	1	2	4	3	0	0	0	0	0	0
1.30 To 2.30 AM	1	0	7	0	0	0	0	2	2	3	6	0	0	1	0	0
2.30 To 3.30 AM	0	0	11	2	0	0	0	1	5	7	0	0	0	0	0	0
3.30 To 4.30 AM	0	0	6	1	0	1	2	1	6	2	0	0	0	0	0	0
4.30 To 5.30 AM	7	1	7	2	1	2	2	2	1	0	0	0	0	0	0	0
5.30 To 6.30 AM	28	0	9	2	0	2	4	0	4	4	1	1	3	0	0	0
6.30 To 7.30 AM	39	0	10	3	0	1	3	3	6	5	0	3	5	0	0	0
7.30 To 8.30 AM	58	0	14	5	1	2	6	1	4	6	2	1	5	0	0	0
8.30 To 9.30 AM	44	0	11	2	2	4	1	0	5	6	0	2	4	0	0	0
9.30 To 10.30 AM	62	1	13	11	2	3	4	0	5	5	4	0	5	0	0	1
G.Total	945	5	325	79	11	56	75	32	92	110	48	16	61	1	0	1

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbhera-mangalwar
 Day Thursday to Friday
 Date 1.06.2010/02.07.2010
 Sheet No.

Road MDR -11A
 Time 10.30 AM
 Weather GOOD

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailo	Without Trailor	Cycle	Ricksha w	Animals/ Carts	
10.30 To 11.30 AM	69	1	12	5	5	4	1	1	0	2	4	0	3	0	0	0
11.30 To 12.30 AM	82	0	23	2	1	2	7	2	1	7	6	2	3	0	0	0
12.30 To 1.30 AM	55	0	5	5	1	2	3	0	0	0	1	2	1	0	0	0
1.30 To 2.30 AM	58	1	6	2	0	2	3	5	1	5	1	1	1	0	0	1
2.30 To 3.30 AM	36	0	7	0	0	5	2	3	0	5	0	0	0	0	0	1
3.30 To 4.30 AM	30	0	20	10	0	2	2	6	5	2	5	5	2	0	0	1
4.30 To 5.30 AM	59	0	22	7	0	1	2	2	0	2	1	4	3	0	0	0
5.30 To 6.30 AM	90	1	20	3	3	3	5	0	5	0	0	0	10	0	0	0
6.30 To 7.30 AM	43	0	14	4	2	2	6	1	3	3	3	0	5	0	0	0
7.30 To 8.30 AM	37	0	12	2	2	4	2	5	4	1	1	3	0	0	0	0
8.30 To 9.30 AM	33	0	12	2	3	4	3	6	3	4	7	2	7	0	0	0

9.30 To 10.30 AM	25	2	10	4	1	3	2	8	7	6	5	2	0	0	0	0
10.30 To 11.30 AM	24	1	7	2	2	4	7	4	5	7	5	0	0	0	0	0
11.30 To 12.30 AM	9	0	5	0	0	2	2	2	3	5	5	3	0	0	0	0
12.30 To 1.30 AM	48	1	9	1	2	3	5	3	2	4	8	2	0	0	0	0
1.30 To 2.30 AM	50	2	18	2	1	4	4	1	4	12	3	1	0	0	0	0
2.30 To 3.30 AM	52	1	3	3	1	2	7	2	5	9	4	0	0	0	0	0
3.30 To 4.30 AM	54	0	8	3	2	3	2	3	12	4	1	0	0	0	0	0
4.30 To 5.30 AM	47	2	8	1	2	1	5	3	2	5	2	0	0	0	0	0
5.30 To 6.30 AM	55	3	12	1	1	3	7	2	7	9	0	0	0	0	0	0
6.30 To 7.30 AM	52	0	17	2	1	3	4	0	3	13	3	0	0	0	0	0
7.30 To 8.30 AM	62	5	8	2	5	4	0	2	2	8	7	0	0	0	0	0
8.30 To 9.30 AM	52	1	11	45	1	2	6	1	1	2	2	1	3	0	0	0
9.30 To 10.30 AM	45	1	6	1	0	3	3	2	0	1	3	1	3	5	0	0
G.Total	1167	22	275	109	36	68	90	64	75	116	77	29	41	5	0	3

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Nimbhera-mangalwar
 Day Friday - Saturday
 Date 2.06.2010/03.07.2010
 Sheet No.

Road MDR -11A
 Time 10.30 AM
 Weather GOOD

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	Without Trailor	Cycle	Ricksha w	Animals/ Carts	Others
10.30 To 11.30 AM	52	0	12	3	0	4	5	1	1	1	3	2	2	0	0	0
11.30 To 12.30 AM	61	2	8	2	2	1	1	0	0	2	3	4	0	0	0	0
12.30 To 1.30 AM	67	0	7	4	0	3	4	2	1	1	2	2	0	0	0	0
1.30 To 2.30 AM	57	0	9	5	0	1	2	0	1	5	3	0	0	0	0	0
2.30 To 3.30 AM	50	0	18	2	0	5	4	0	2	4	2	1	1	0	0	0
3.30 To 4.30 AM	70	0	19	7	1	2	4	0	3	1	0	0	0	0	0	0
4.30 To 5.30 AM	60	1	21	8	1	2	3	2	1	0	0	1	8	0	0	0
5.30 To 6.30 AM	64	0	16	5	0	2	3	2	1	2	2	0	5	0	0	0
6.30 To 7.30 AM	69	1	14	6	1	2	4	1	2	4	0	1	7	0	0	0
7.30 To 8.30 AM	46	0	117	3	2	3	3	2	2	3	1	5	0	0	0	0
8.30 To 9.30 AM	40	1	13	5	0	3	3	2	7	4	2	1	0	0	0	0

9.30 To 10.30 AM	33	0	15	3	0	2	3	1	5	6	1	1	0	0	0	0
10.30 To 11.30 AM	28	0	14	3	0	2	4	0	7	4	0	2	0	0	0	0
11.30 To 12.30 AM	23	0	7	1	0	1	2	2	5	4	1	0	0	0	0	0
12.30 To 1.30 AM	3	0	9	2	0	2	4	3	2	4	1	0	0	0	0	0
1.30 To 2.30 AM	1	0	6	3	0	1	3	1	2	3	1	0	0	0	0	0
2.30 To 3.30 AM	0	0	8	2	0	1	1	2	3	2	2	0	0	0	0	0
3.30 To 4.30 AM	2	0	6	0	0	2	3	2	2	3	1	0	0	0	0	0
4.30 To 5.30 AM	4	0	13	1	0	2	2	2	3	2	2	0	0	0	0	0
5.30 To 6.30 AM	7	1	10	1	1	2	4	1	2	2	1	7	0	0	0	0
6.30 To 7.30 AM	33	0	20	1	1	2	6	1	2	3	2	1	8	0	0	0
7.30 To 8.30 AM	58	1	17	2	1	3	7	2	3	3	1	2	7	0	0	0
8.30 To 9.30 AM	44	0	15	2	0	98	7	0	1	0	5	0	1	1	3	0
9.30 To 10.30 AM	63	0	21	3	1	2	5	1	2	4	1	2	5	0	0	0
G.Total	935	7	415	74	11	148	87	30	60	67	37	32	44	1	3	0

Traffic Census Field Data Sheet Km 5/000

Direction of Traffic Mangalwar to Nimbahera:

Road MDR 11A

Day

Time

Date

Weather Good

Sheet No.

Abstract at km 5/000

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailer	Without Trail	Cycle	Rickshaw	Animals / Carts	
PCU	0.5	1	1	1	1.5	3	1.5	3	3	4.5	4.5	1.5	0.5	2	8	6
26.6.10/27.6.10	1115	20	421	66	7	35	143	30	47	113	25	10	39	0	0	9
27.6.10/28.6.11	1081	12	480	68	14	69	105	67	57	116	31	18	18	0	3	2
28.6.10/29.6.12	1351	7	579	182	16	77	97	83	56	164	37	15	28	2	1	1
29.6.10/30.6.13	1011	15	306	77	29	58	79	73	110	91	44	21	30	1	0	0
30.6.10/1.7.14	945	5	325	79	11	56	75	32	92	110	48	16	61	1	0	1
1.7.10/2.7.15	1167	22	275	109	36	68	90	64	75	116	77	29	41	5	0	3
2.7.10/ 3.7.16	935	7	415	74	11	148	87	30	60	67	37	32	44	1	3	0
Total	7605	88	2801	655	124	511	676	379	497	777	299	141	261	10	7	16
Average	1086	13	400	94	18	73	97	54	71	111	43	20	37	1	1	2
Mangalwar - Nimbahera	1086	13	400	94	18	73	97	54	71	111	43	20	37	1	1	2

Magalwar to Nimbaheda

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	TWO	THREE	Car	Jeep	Mini	Full		2- AXLE	3- AXLE	MULTI AXLE	With Trailor	Without Trailor	CYCLE	Ricksha w	Animals/ CARTS	OTHER S
10.30 To 11.30 AM	71	1	19	5	2	4	3	1	1	5	2	1	2	0	0	0
11.30 To 12.30 AM	75	1	17	4	1	4	4	2	2	8	3	1	2	0	0	0
12.30 To 1.30 AM	69	0	24	7	2	3	4	2	4	6	2	1	2	0	0	0
1.30 To 2.30 AM	50	0	12	2	1	2	2	2	2	4	2	1	1	0	0	0
2.30 To 3.30 AM	61	0	21	2	1	4	4	3	2	4	1	1	1	0	0	0
3.30 To 4.30 AM	57	0	19	5	1	3	4	3	3	3	2	1	2	0	0	0
4.30 To 5.30 AM	86	0	29	7	1	5	7	3	2	6	2	1	2	0	0	0
5.30 To 6.30 AM	78	0	28	5	1	3	5	1	2	2	2	1	4	0	0	0
6.30 To 7.30 AM	83	1	27	6	1	3	6	2	3	3	3	1	5	0	0	0
7.30 To 8.30 AM	65	0	36	6	1	3	5	2	3	5	3	2	1	0	0	0
8.30 To 9.30 AM	48	1	21	6	1	3	6	2	5	5	3	1	2	0	0	0
9.30 To 10.30 AM	32	0	15	3	0	1	5	7	5	12	2	1	0	0	0	0

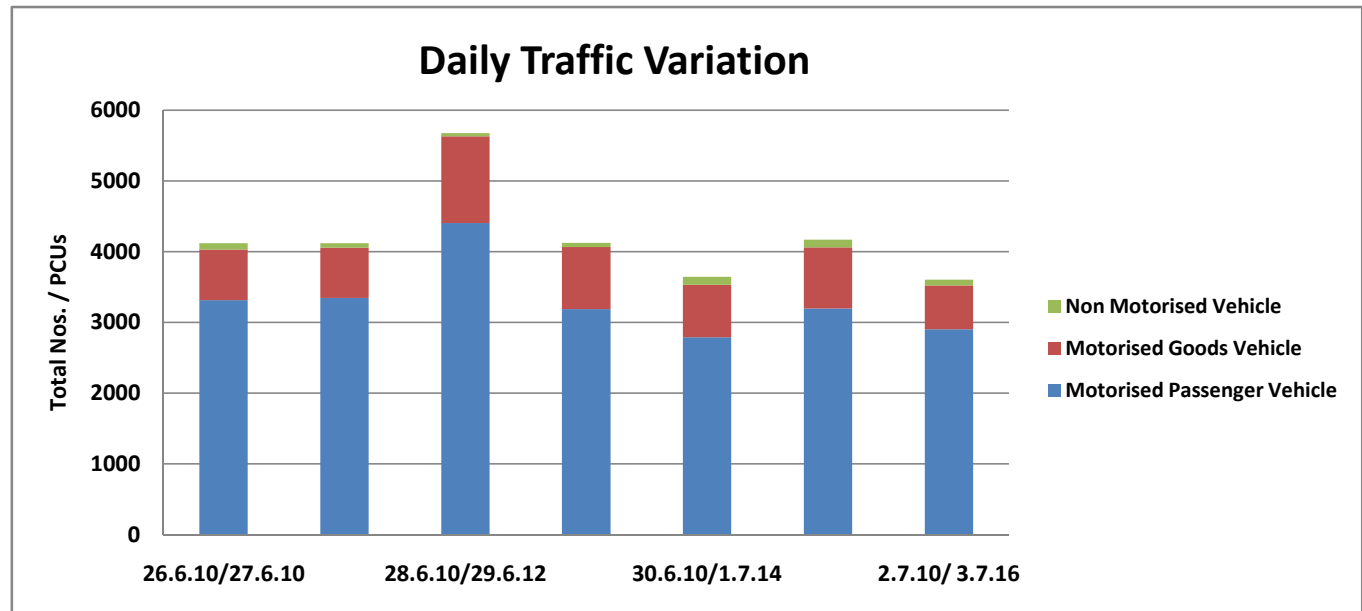
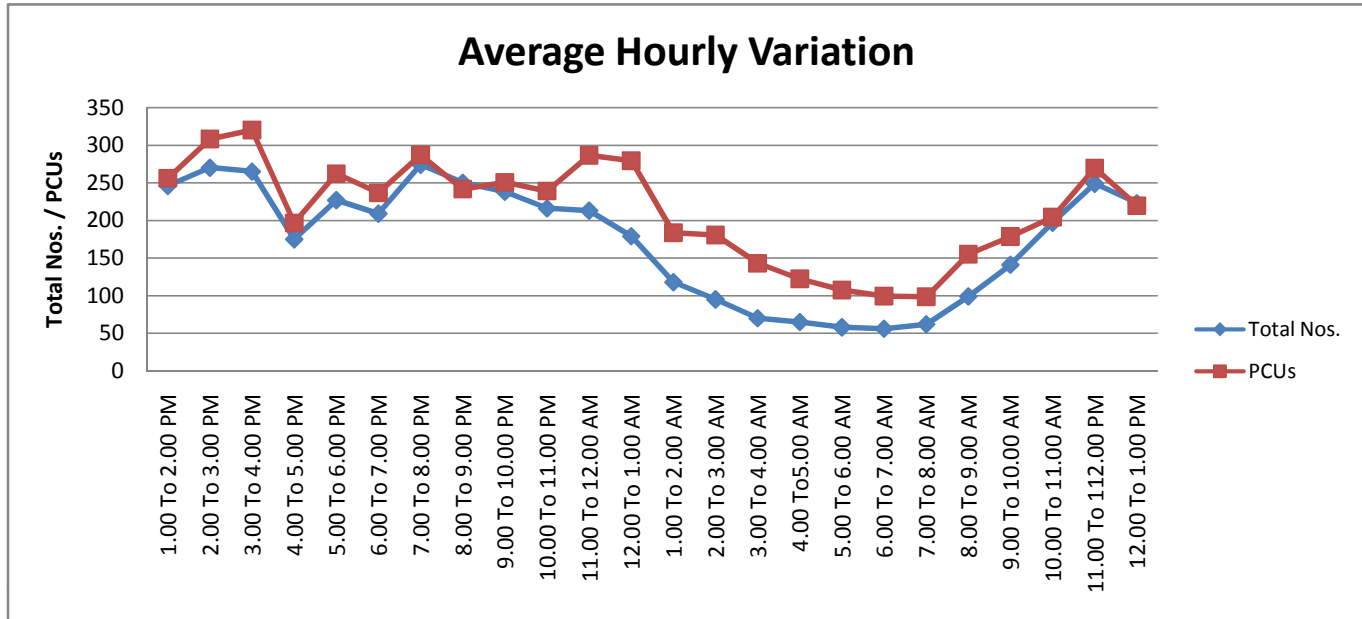
10.30 To 11.30 AM	22	0	14	3	1	2	4	1	3	4	1	0	1	0	0	0
11.30 To 12.30 AM	10	0	11	2	0	1	3	4	3	4	1	1	1	0	0	0
12.30 To 1.30 AM	11	0	8	2	1	1	2	3	2	3	2	0	1	0	0	0
1.30 To 2.30 AM	16	0	10	4	0	2	2	2	3	4	2	1	0	0	0	0
2.30 To 3.30 AM	9	0	7	3	0	1	3	2	4	5	1	0	0	0	0	0
3.30 To 4.30 AM	11	0	5	2	1	1	3	2	5	2	1	0	0	0	0	0
4.30 To 5.30 AM	13	1	7	1	1	1	3	2	2	3	1	0	0	0	0	0
5.30 To 6.30 AM	22	1	11	3	0	2	5	2	4	5	1	1	1	0	0	0
6.30 To 7.30 AM	33	1	15	1	1	2	4	2	3	5	1	1	2	0	0	0
7.30 To 8.30 AM	47	1	11	2	1	3	3	1	2	4	2	1	2	0	0	0
8.30 To 9.30 AM	57	1	19	9	0	16	5	1	4	4	1	1	2	0	0	0
9.30 To 10.30 AM	60	1	16	3	1	3	5	1	2	4	2	1	2	1	0	0
Total	1086	10	402	93	20	73	97	53	71	110	43	20	36	1	0	0

Mangalwar - Nimbahera (Complete)

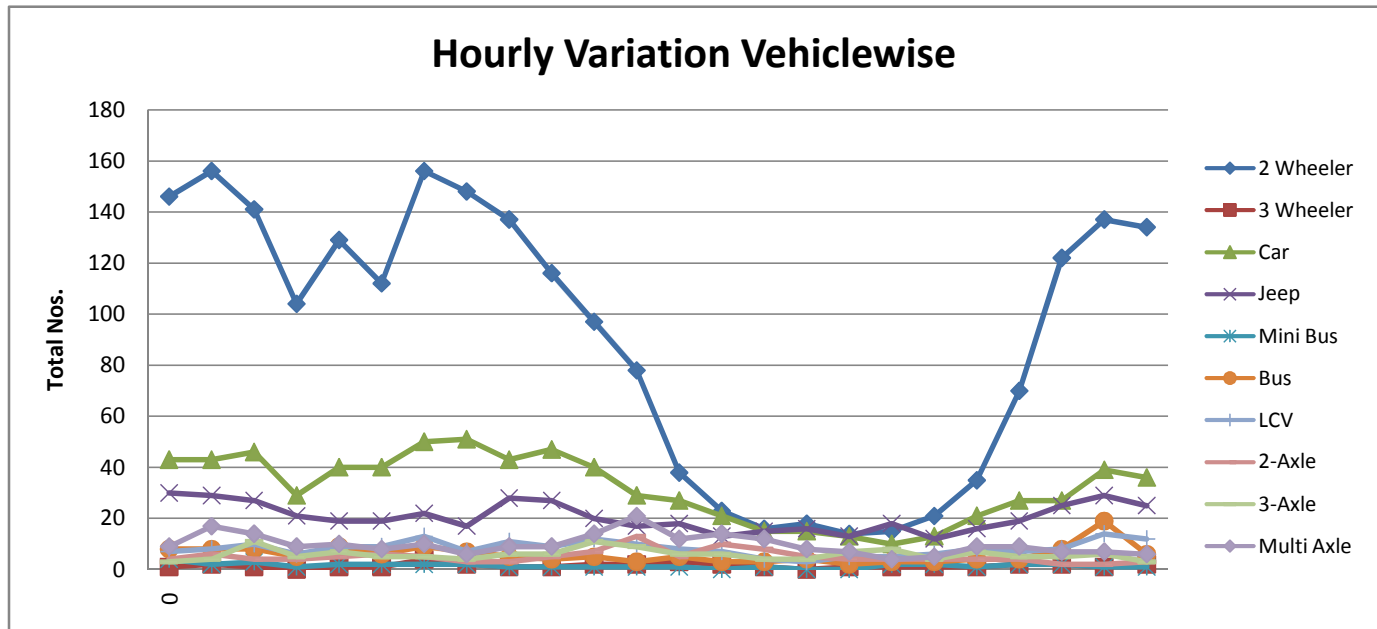
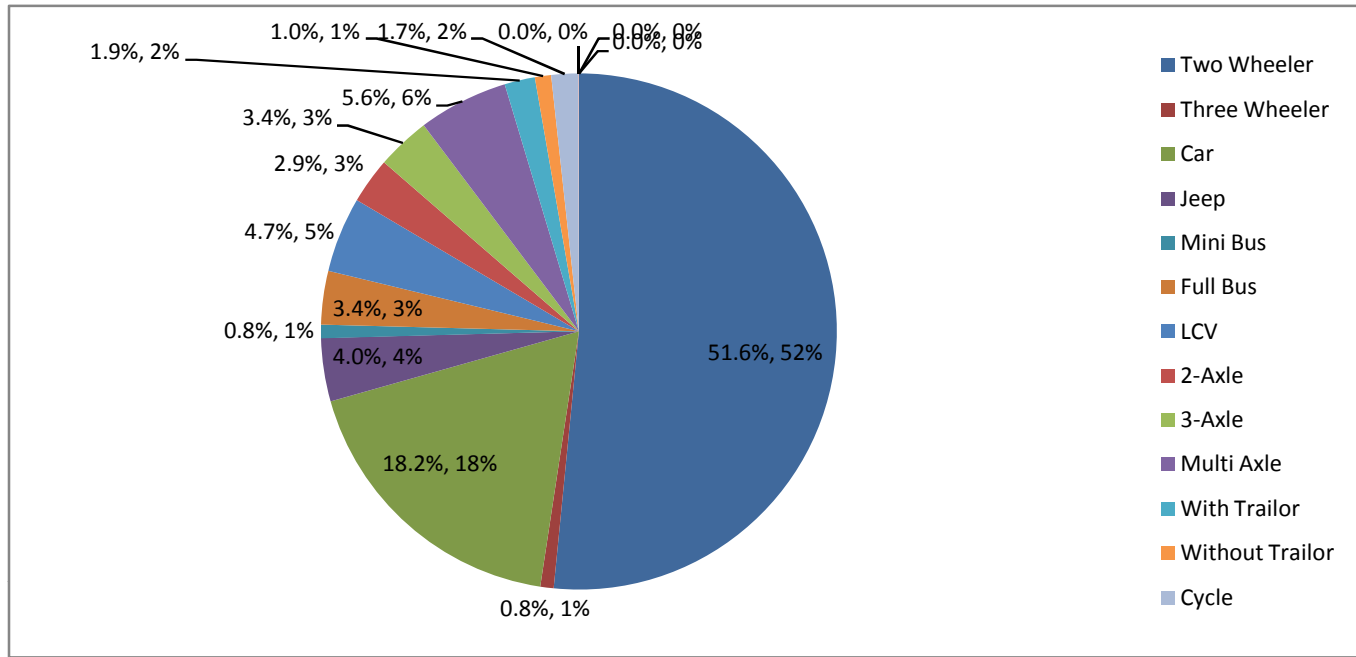
TIME (Hourly)	Motorised Passenger Vehicle								Motorised Goods Vehicle								Non Motorised					G. Total	Total PCU	
	Wheelers				Bus		Total	PCU	Truck				Tractor		Total	PCU	Slow moving vechile				Total			PCU
	Two	Three	Car	Jeep	Mini	Full			LCV	2-Axle	3-Axle	Multi Axle	With Trailer	Without Trailer			Cycle	Rikshaw	Animals/ Carts	Others				
PCU	0.5	1	1	1	1.5	3			1.5	3	3	4.5	4.5	1.5			0.5	2	8	6				
1.00 To 2.00	146	1	43	9	4	8	211	156	7	4	3	9	5	2	30	97.5	5	0	0	0	5	2.5	246	256
2.00 To 3.00	156	2	43	11	2	8	222	161	8	6	4	17	5	2	42	144	6	0	0	0	6	3	270	308
3.00 To 4.00 PM	141	1	46	13	3	8	212	159	10	4	11	14	7	3	49	159	4	0	0	0	4	2	265	320
4.00 To 5.00 PM	104	0	29	5	1	5	144	102.5	6	4	5	9	3	2	29	93	2	0	0	0	2	1	175	196.5
5.00 To 6.00 PM	129	1	40	5	2	9	186	140.5	9	5	7	10	5	2	38	120	3	0	0	0	3	1.5	227	262
6.00 To 7.00 PM	112	1	40	9	2	6	170	127	9	6	5	8	5	2	35	108	3	1	0	0	4	1.5	209	236.5
7.00 To 8.00 PM	156	4	50	11	2	9	232	173	13	5	5	10	3	3	39	112.5	3	0	0	0	3	1.5	274	287
8.00 To 9.00 PM	148	2	51	8	2	7	218	159	7	3	4	6	4	2	26	79.5	6	0	0	0	6	3	250	241.5
9.00 To 10.00 PM	137	1	43	9	1	5	196	138	11	3	6	9	5	2	36	109.5	6	0	0	0	6	3	238	250.5
10.00 To 11.00 PM	116	1	47	9	1	4	178	128.5	9	5	6	9	4	3	36	109.5	2	0	0	0	2	1	216	239
11.00 To 12.00 AM	97	2	40	11	1	5	156	118	12	7	11	14	6	3	53	166.5	4	0	0	0	4	2	213	286.5
12.00 To 1.00 AM	78	2	29	7	1	3	120	87.5	10	13	9	21	3	1	57	190.5	2	0	0	0	2	1	179	279
1.00 To 2.00	38	3	27	9	1	5	83	74.5	8	5	6	12	2	0	33	108	2	0	0	0	2	1	118	183.5
2.00 To 3.00	23	2	21	4	0	3	53	47.5	7	10	6	14	2	1	40	132	2	0	0	0	2	1	95	180.5
3.00 To 4.00 AM	16	1	15	3	1	3	39	37.5	4	8	4	12	2	0	30	105	1	0	0	0	1	0.5	70	143
4.00 To 5.00 AM	18	0	15	4	0	4	41	40	3	5	4	8	3	1	24	82.5	0	0	0	0	0	0	65	122.5

5.00 To 6.00 AM	14	1	13	4	0	2	34	31	5	4	7	7	1	0	24	76.5	0	0	0	0	0	0	58	107.5
6.00 To 7.00 AM	15	1	10	3	2	3	34	33.5	5	4	8	4	1	0	22	66	0	0	0	0	0	0	56	99.5
7.00 To 8.00 AM	21	1	13	2	2	3	42	38.5	6	4	4	5	1	0	20	60	0	0	0	0	0	0	62	98.5
8.00 To 9.00 AM	35	1	21	4	1	4	66	57	8	4	7	9	2	2	32	97.5	1	0	0	0	1	0.5	99	155
9.00 To 10.00 AM	70	2	27	2	2	4	107	81	7	4	5	9	3	3	31	96	3	0	0	0	3	1.5	141	178.5
10.00 To 11.00 AM	122	2	27	4	2	8	165	121	8	2	5	7	3	2	27	81	5	0	0	0	5	2.5	197	204.5
11.00 To 112.00 PM	137	1	39	13	1	19	210	180	14	2	6	7	1	4	34	87	5	0	0	0	5	2.5	249	269.5
12.00 To 1.00 PM	134	2	36	7	1	6	186	131.5	12	3	3	6	4	3	31	85.5	5	1	0	0	6	2.5	223	219.5
ADT	2163	35	765	166	35	141	3305	2523	198	120	141	236	80	43	818	2567	70	2	0	0	72	35	4195	5125
%age Share	51.6%	0.8%	18.2%	4.0%	0.8%	3.4%	78.8%		4.7%	2.9%	3.4%	5.6%	1.9%	1.0%	19.5%		1.7%	0.0%	0.0%	0.0%	1.7%			

Mangalwar - Nimbahera (Complete)



Mangalwar - Nimbahera (Complete)



11.00 To 12.00 AM	4	0	4	4	0	0	5	2	2	2	4	0	0	0	0	2
12.00 To 1.00 AM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
1.00 To 2.00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2.00 To 3.00 AM	0	0	0	0	0	0	0	3	10	35	38	7	23	0	0	1
3.00 To 4.00 AM	20	3	50	12	2	26	3	3	4	44	34	0	2	0	0	1
4.00 To 5.00 AM	40	9	41	18	3	15	6	1	10	26	43	0	2	0	0	0
5.00 To 6.00 AM	8	0	2	2	0	0	2	0	2	2	2	0	0	0	0	0
6.00 To 7.00 AM	62	0	9	2	1	2	3	1	2	6	8	0	0	0	0	0
7.00 To 8.00 AM	60	0	10	3	2	8	4	2	5	10	16	0	0	0	0	0
8.00 To 9.00 AM	121	0	14	5	0	4	3	0	4	12	11	0	0	0	0	1
9.00 To 10.00 AM	105	0	29	11	1	4	6	3	2	3	11	3	0	0	0	1
10.00 To 11.00 AM	96	4	47	22	2	13	2	0	11	6	13	3	0	0	0	2
11.00 To 12.00 PM	80	16	27	24	0	20	0	26	11	30	33	0	7	0	0	0
12.00 To 1.00 PM	74	13	55	38	3	39	12	3	9	38	28	3	8	0	0	0
Total	1353	46	514	223	31	206	119	70	107	281	362	38	42	0	0	14

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Mangalwad to Nimbahera

Road

MDR 11A

Day Sunday

Time

1:00

Date 27&28/06/2010

Weather

Good

Sheet No.

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	Without Trailor	Cycle	Rickshaw	Animals/ Carts	Others
1.00 To 2.00 PM	12	0	13	5	0	5	7	12	0	1	0	0	0	0	0	0
2.00 To 3.00 PM	15	0	23	10	0	7	8	12	16	0	0	0	0	0	0	0
3.00 To 4.00 PM	22	0	20	17	0	11	0	10	1	0	0	0	0	0	0	0
4.00 To 5.00 PM	40	1	18	12	0	10	11	6	4	6	0	0	0	0	0	0
5.00 To 6.00 PM	180	0	46	10	2	7	9	2	4	19	11	0	2	0	0	1
6.00 To 7.00 PM	160	0	43	2	0	4	7	2	3	4	1	0	0	0	1	1
7.00 To 8.00 PM	135	0	70	1	0	10	10	5	0	7	15	2	0	0	1	3
8.00 To 9.00 PM	10	0	5	2	0	0	0	0	1	1	1	0	0	0	0	0
9.00 To 10.00 PM	81	2	50	3	3	7	6	6	2	2	4	10	4	0	0	0
10.00 To 11.00 PM	70	2	45	6	3	5	16	1	1	8	10	1	2	0	0	0
11.00 To 12.00 AM	80	6	60	11	11	7	7	2	3	15	6	3	6	0	2	1

12.00 To 1.00 AM	67	3	50	6	2	3	5	20	1	0	6	7	2	3	2	2
1.00 To 2.00 AM	40	1	2	0	0	0	2	0	0	0	2	2	1	0	0	0
2.00 To 3.00 AM	53	0	1	0	0	0	1	0	0	0	1	0	0	3	2	0
3.00 To 4.00 AM	40	0	3	1	0	0	1	0	0	0	2	3	3	0	0	0
4.00 To 5.00 AM	48	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0
5.00 To 6.00 AM	10	0	12	3	2	1	1	3	2	1	3	6	3	4	0	0
6.00 To 7.00 AM	60	0	15	2	0	0	5	2	2	11	10	0	4	0	3	0
7.00 To 8.00 AM	63	0	27	4	2	13	0	2	3	2	10	3	10	0	0	1
8.00 To 9.00 AM	100	2	35	6	3	2	12	1	2	1	12	4	11	3	0	0
9.00 To 10.00 AM	90	2	25	5	3	3	11	2	6	9	0	0	12	2	0	0
10.00 To 11.00 AM	40	2	22	5	6	5	9	5	2	1	4	5	5	0	0	0
11.00 To 12.00 PM	52	2	15	5	6	4	0	0	2	1	1	1	1	1	0	0
12.00 To 1.00 PM	52	1	23	9	2	5	6	4	9	7	1	7	8	9	6	5
G.Total	1520	25	624	125	45	109	134	97	64	96	101	55	74	25	17	14

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Mangalwad to Nimbahera
 Day Sunday
 Date 28&29/06/2010
 Sheet No.

Road MDR 11A
 Time 1:00
 Weather Good

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	With Trailor	Cycle	Rickshaw	Animals/ Carts	Others
1.00 To 2.00 PM	30	0	15	5	4	3	4	5	6	4	5	2	0	0	0	0
2.00 To 3.00 PM	26	0	12	3	4	1	2	5	4	6	5	0	0	0	0	0
3.00 To 4.00 PM	22	5	32	21	2	5	4	7	8	9	5	0	0	0	0	0
4.00 To 5.00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.00 To 6.00 PM	85	0	8	2	2	3	8	3	3	7	8	4	0	0	0	0
6.00 To 7.00 PM	69	2	12	2	3	3	9	2	2	13	17	3	5	0	0	0
7.00 To 8.00 PM	43	1	17	1	2	5	3	2	3	10	10	2	0	0	0	0
8.00 To 9.00 PM	54	0	32	0	2	3	2	2	2	13	13	4	2	0	0	0
9.00 To 10.00 PM	57	0	13	2	2	5	2	0	0	13	22	2	0	0	0	0
10.00 To 11.00 PM	94	0	8	0	0	12	0	0	3	17	2	0	0	1	0	4
11.00 To 12.00 AM	43	0	8	0	0	15	5	0	5	5	18	2	0	0	0	0

12.00 To 1.00 AM	47	0	1	0	0	12	4	3	5	13	2	0	0	0	0	0
1.00 To 2.00 AM	6	0	13	4	2	8	14	2	2	10	10	2	0	0	0	0
2.00 To 3.00 AM	0	0	19	3	2	4	0	2	8	12	3	0	0	0	4	0
3.00 To 4.00 AM	0	0	12	3	3	3	1	0	1	13	13	13	0	0	0	0
4.00 To 5.00 AM	43	0	10	5	1	4	5	0	5	7	8	3	4	1	0	4
5.00 To 6.00 AM	56	1	76	2	2	3	2	7	2	3	3	9	1	1	0	2
6.00 To 7.00 AM	53	3	63	0	0	5	2	12	6	8	2	0	15	0	2	0
7.00 To 8.00 AM	135	2	52	1	0	2	1	4	1	15	3	0	0	0	0	1
8.00 To 9.00 AM	151	1	54	1	3	3	12	2	9	1	0	0	0	0	0	1
9.00 To 10.00 AM	59	0	16	0	0	3	9	11	13	16	2	1	0	1	1	2
10.00 To 11.00 AM	53	1	21	2	6	12	12	14	0	0	1	2	1	0	0	0
11.00 To 12.00 PM	52	0	13	1	0	0	7	16	11	10	0	0	0	0	0	1
12.00 To 1.00 PM	42	0	14	0	0	0	0	11	6	21	0	0	0	0	0	1
G.Total	1220	16	521	58	40	114	108	110	105	226	152	49	28	4	7	16

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Mangalwad to Nimbahera
Day Sunday
Date 29&30/06/2010
Sheet No.

Road MDR 11A
Time 1:00
Weather Good

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	Without Trailor	Cycle	Rickshaw	Animals/ Carts	Others
1.00 To 2.00 PM	6	0	4	1	0	0	4	2	1	2	3	1	0	1	2	0
2.00 To 3.00 PM	8	0	5	1	0	0	5	3	2	1	3	1	0	0	0	0
3.00 To 4.00 PM	5	0	6	2	0	0	5	2	5	4	0	0	1	2	1	4
4.00 To 5.00 PM	14	0	9	2	0	0	4	2	6	3	1	1	0	0	0	0
5.00 To 6.00 PM	33	3	11	1	0	2	6	3	2	6	6	0	1	0	0	1
6.00 To 7.00 PM	44	1	16	0	0	3	4	7	4	6	7	0	1	0	0	1
7.00 To 8.00 PM	47	2	12	2	1	5	1	2	3	6	7	8	0	9	0	0
8.00 To 9.00 PM	62	0	14	0	1	2	3	1	2	4	6	16	2	5	0	0
9.00 To 10.00 PM	46	0	23	8	0	2	7	3	6	5	7	0	0	0	0	0
10.00 To 11.00 PM	17	1	12	8	0	0	2	3	9	2	6	0	0	0	0	0
11.00 To 12.00 AM	4	0	9	2	0	0	1	1	1	7	0	0	0	0	0	0

12.00 To 1.00 AM	6	0	8	6	0	1	4	1	3	6	3	0	0	1	1	1
1.00 To 2.00 AM	12	2	20	1	1	1	5	5	2	0	0	6	4	13	0	0
2.00 To 3.00 AM	3	1	29	3	0	7	1	1	4	4	1	18	0	0	0	1
3.00 To 4.00 AM	5	2	32	3	0	7	1	1	4	4	1	18	0	0	0	1
4.00 To 5.00 AM	97	1	29	2	0	10	4	3	2	3	3	14	0	2	2	1
5.00 To 6.00 AM	72	1	16	8	1	1	1	3	3	2	0	1	1	5	0	5
6.00 To 7.00 AM	105	0	17	7	1	1	6	6	4	1	2	6	0	1	0	0
7.00 To 8.00 AM	103	0	26	13	0	4	11	5	3	4	12	1	4	1	0	0
8.00 To 9.00 AM	88	0	28	7	1	2	1	1	1	9	0	0	0	0	0	0
9.00 To 10.00 AM	13	0	22	5	0	1	1	4	1	51	6	0	0	0	0	0
10.00 To 11.00 AM	11	0	17	4	0	0	2	2	1	6	1	0	0	1	0	1
11.00 To 12.00 PM	6	0	7	2	0	0	2	1	1	5	1	0	0	1	1	1
12.00 To 1.00 PM	7	0	6	5	0	1	3	2	2	3	4	0	0	0	0	0
G.Total	814	14	378	93	6	50	84	64	72	144	80	91	14	42	7	17

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Mangalwad to Nimbahera

Road MDR 11A

Day Sunday

Time 1:00

Date 30&01/07/2010

Weather Good

Sheet No.

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	Without Trailor	Cycle	Rickshaw	Animals/ Carts	Others
1.00 To 2.00 PM	162	0	42	10	2	7	9	2	4	8	9	0	2	0	0	1
2.00 To 3.00 PM	140	0	35	2	0	4	7	2	2	4	1	0	0	0	1	1
3.00 To 4.00 PM	135	0	68	1	0	9	10	5	0	7	15	2	0	0	1	3
4.00 To 5.00 PM	40	0	5	2	0	0	0	0	1	1	1	0	0	0	0	0
5.00 To 6.00 PM	50	0	14	0	0	3	9	10	11	11	2	1	0	1	1	2
6.00 To 7.00 PM	35	1	21	2	6	10	12	12	0	0	1	2	1	0	0	0
7.00 To 8.00 PM	41	0	14	1	0	0	7	16	11	10	0	0	0	0	0	1
8.00 To 9.00 PM	42	0	16	0	0	0	0	12	6	20	0	0	0	0	0	1
9.00 To 10.00 PM	40	0	6	5	1	2	5	1	3	10	11	0	0	0	0	0
10.00 To 11.00 PM	6	0	7	4	0	3	6	5	4	2	6	1	0	0	0	1
11.00 To 12.00 AM	4	0	4	4	0	0	5	2	2	2	2	0	0	0	0	2

12.00 To 1.00 AM	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
1.00 To 2.00 AM	7	0	8	0	0	0	1	1	2	5	1	1	0	0	0	0
2.00 To 3.00 AM	7	1	2	4	5	1	1	1	0	0	0	0	0	0	0	0
3.00 To 4.00 AM	6	0	0	7	5	5	6	1	2	5	8	0	0	0	0	0
4.00 To 5.00 AM	13	0	8	0	0	2	3	1	1	1	3	5	8	0	0	0
5.00 To 6.00 AM	24	1	6	1	0	2	3	2	3	5	4	8	9	0	0	0
6.00 To 7.00 AM	29	0	8	0	0	2	4	6	4	4	2	2	0	2	0	0
7.00 To 8.00 AM	48	2	16	2	3	2	5	1	5	5	6	4	5	6	5	0
8.00 To 9.00 AM	64	0	21	0	2	4	3	3	4	6	5	8	4	9	5	8
9.00 To 10.00 AM	15	1	13	6	0	2	1	2	3	0	2	0	0	0	0	0
10.00 To 11.00 AM	14	0	12	2	1	2	2	2	3	2	5	5	0	0	0	0
11.00 To 12.00 PM	7	0	11	2	0	0	4	2	2	6	0	0	0	0	0	0
12.00 To 1.00 PM	8	0	10	3	0	1	2	4	5	4	6	5	8	2	1	5
G.Total	940	6	347	58	25	61	105	93	78	118	90	44	37	20	14	27

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Mangalwad to Nimbahera

Road MDR 11A

Day Sunday

Time 1:00

Date 01&02/07/2010

Weather Good

Sheet No.

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	Without Trailor	Cycle	Rickshaw	Animals/ Carts	Others
1.00 To 2.00 PM	101	1	23	1	0	9	4	4	4	1	5	19	1	1	0	0
2.00 To 3.00 PM	95	1	26	0	0	3	2	2	1	2	13	2	2	2	0	0
3.00 To 4.00 PM	114	2	28	4	0	8	3	1	1	4	4	16	12	1	1	0
4.00 To 5.00 PM	122	6	12	6	1	26	10	2	5	9	8	2	1	0	0	0
5.00 To 6.00 PM	72	1	28	9	2	2	7	1	8	9	1	5	4	0	0	0
6.00 To 7.00 PM	95	2	17	6	6	7	2	3	3	2	3	2	5	0	0	0
7.00 To 8.00 PM	63	2	19	4	0	2	3	5	4	8	9	4	6	0	0	0
8.00 To 9.00 PM	37	2	19	4	0	2	2	4	4	2	0	1	2	1	2	1
9.00 To 10.00 PM	105	3	20	2	1	7	5	6	3	3	3	14	0	0	1	1
10.00 To 11.00 PM	122	1	19	2	0	5	4	4	4	5	2	1	4	7	6	5
11.00 To 12.00 AM	105	1	29	2	0	7	4	1	3	12	12	4	4	0	0	0

12.00 To 1.00 AM	97	2	27	6	0	4	4	1	1	0	13	0	0	1	1	0
1.00 To 2.00 AM	7	0	4	1	0	0	3	1	1	3	0	1	1	0	0	0
2.00 To 3.00 AM	8	11	2	0	0	5	3	5	4	1	1	0	1	2	4	0
3.00 To 4.00 AM	10	0	4	1	8	2	2	5	0	0	0	0	0	0	0	0
4.00 To 5.00 AM	22	0	13	2	0	0	6	4	3	4	0	0	1	1	0	0
5.00 To 6.00 AM	32	0	6	1	0	0	3	2	4	7	0	0	0	0	0	0
6.00 To 7.00 AM	23	1	7	0	0	0	4	1	2	8	2	0	8	0	1	2
7.00 To 8.00 AM	91	1	17	2	0	6	3	6	3	1	10	0	0	0	0	0
8.00 To 9.00 AM	84	2	16	4	1	2	3	3	3	10	8	6	0	6	0	0
9.00 To 10.00 AM	125	0	19	6	0	6	7	4	9	6	3	0	0	0	0	0
10.00 To 11.00 AM	132	3	20	2	0	5	2	3	2	3	2	5	6	0	0	0
11.00 To 12.00 PM	130	1	21	3	9	4	5	8	9	5	5	0	0	12	1	0
12.00 To 1.00 PM	124	34	7	0	5	8	6	4	5	5	4	2	1	0	0	0
G.Total	1916	77	403	68	33	120	97	80	86	110	108	84	59	34	17	9

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Mangalwad to Nimbahera
 Day Sunday
 Date 02&03/07/2010
 Sheet No.

Road MDR 11A
 Time 1:00
 Weather Good

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	Without Trailor	Cycle	Rickshaw	Animals/ Carts	Others
1.00 To 2.00 PM	112	1	10	3	0	6	2	3	2	1	3	19	2	1	0	0
2.00 To 3.00 PM	85	1	23	2	0	6	3	2	2	2	14	2	2	2	0	0
3.00 To 4.00 PM	114	2	25	4	0	8	2	2	1	4	4	12	10	1	1	0
4.00 To 5.00 PM	111	6	10	6	1	20	9	2	4	9	8	2	1	0	0	0
5.00 To 6.00 PM	45	0	14	0	2	3	8	8	11	11	2	1	0	1	1	2
6.00 To 7.00 PM	6	1	20	3	4	10	14	12	5	0	1	2	1	0	0	0
7.00 To 8.00 PM	40	0	14	1	0	0	7	12	11	10	0	0	0	0	0	1
8.00 To 9.00 PM	45	0	14	0	1	0	0	12	6	20	0	0	0	0	0	1
9.00 To 10.00 PM	35	0	5	5	1	2	5	1	3	10	11	0	0	0	0	0
10.00 To 11.00 PM	5	0	7	3	0	3	6	5	4	2	6	1	0	0	0	1
11.00 To 12.00 AM	4	0	3	4	0	0	5	2	2	2	2	0	0	0	0	2

12.00 To 1.00 AM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
1.00 To 2.00 AM	5	0	3	1	0	0	3	1	1	3	0	1	1	0	0	0
2.00 To 3.00 AM	6	10	2	0	0	5	5	5	4	1	1	0	1	2	4	0
3.00 To 4.00 AM	5	0	5	1	7	2	2	5	0	0	0	0	0	0	0	0
4.00 To 5.00 AM	10	0	9	2	0	0	6	4	3	4	0	0	1	1	0	0
5.00 To 6.00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.00 To 7.00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.00 To 8.00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.00 To 9.00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.00 To 10.00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.00 To 11.00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11.00 To 12.00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.00 To 1.00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G.Total	630	21	164	35	16	65	77	76	59	79	52	40	19	8	6	9

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Mangalwad to Nimbahera
Day
Date

Road MDR 11A
Time -
Weather Good

Abstract at km 35/825

TIME (Hourly)	Wheelers				Bus			Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full	LCV	2-Axle	3-Axle	Multi Axle	With Trailer	Without Tra	Cycle	Rickshaw	Animals / Carts	Others
PCU	0.5	1	1	1	1.5	3	1.5	3	3	4.5	4.5	1.5	0.5	2	8	6
26.6.10/ 27.6.10	1353	46	514	223	31	206	119	70	107	281	362	38	42	0	0	14
27.6.10/ 28.6.10	1520	25	624	125	45	109	134	97	64	96	101	55	74	25	17	14
28.6.10/ 29.6.10	1220	16	521	58	40	114	108	110	105	226	152	49	28	4	7	16
29.6.10/ 30.6.10	814	14	378	93	6	50	84	64	72	144	80	91	14	42	7	17
30.6.10/ 1.7.10	940	6	347	58	25	61	105	93	78	118	90	44	37	20	14	27
1.7.10/ 2.7.10	1916	77	403	68	33	120	97	80	86	110	108	84	59	34	17	9
2.7.10/ 3.7.10	630	21	164	35	16	65	77	76	59	79	52	40	19	8	6	9
Total	8393	205	2951	660	196	725	724	590	571	1054	945	401	273	133	68	106
Average	1199	29	422	94	28	104	103	84	82	151	135	57	39	19	10	15
Sadri to Magalwar	1199	29	422	94	28	104	103	84	82	151	135	57	39	19	10	15

Magalwar to Nimbaheda

TIME (Hourly)	Wheelers				Bus			LCV	Truck			Tractor		Slow moving vechile			
	TWO	THREE	Car	Jeep	Mini	Full	2-AXLE		3-AXLE	MULTI AXLE	With Trailor	Without Trailor	CYCLE	Rickshaw	Animals/ CARTS	OTHERS	
1.00 To 2.00 PM	66	0	17	4	1	5	5	4	3	3	4	6	1	0	0	0	
2.00 To 3.00 PM	58	0	20	3	1	4	5	4	4	3	6	1	1	1	0	0	
3.00 To 4.00 PM	67	1	30	9	1	8	4	4	2	5	6	4	3	1	1	1	
4.00 To 5.00 PM	65	2	12	5	0	10	7	2	3	5	5	3	0	0	0	0	
5.00 To 6.00 PM	77	1	19	5	2	4	8	4	6	10	6	2	1	0	0	1	
6.00 To 7.00 PM	73	1	24	5	3	7	7	7	4	6	4	1	2	0	0	0	
7.00 To 8.00 PM	67	1	24	2	1	4	6	6	6	8	9	2	1	1	0	1	
8.00 To 9.00 PM	49	0	19	2	1	2	2	5	3	9	6	3	1	1	0	0	
9.00 To 10.00 PM	58	1	18	4	1	4	5	3	3	8	10	4	1	0	0	0	
10.00 To 11.00 PM	46	1	15	4	0	4	6	3	4	6	6	1	1	1	1	2	
11.00 To 12.00 AM	35	1	17	4	2	4	5	1	3	6	6	1	1	0	0	1	
12.00 To 1.00 AM	32	1	12	3	0	3	2	4	1	3	3	1	0	1	1	1	
1.00 To 2.00 AM	11	0	7	1	0	1	4	1	1	3	2	2	1	2	0	0	

2.00 To 3.00 AM	11	3	8	1	1	3	2	2	4	8	6	4	4	1	2	0
3.00 To 4.00 AM	12	1	15	4	4	6	2	2	2	9	8	5	1	0	0	0
4.00 To 5.00 AM	39	2	16	4	1	4	4	2	3	6	8	3	2	1	0	1
5.00 To 6.00 AM	29	0	17	2	1	1	2	2	2	3	2	3	2	1	0	1
6.00 To 7.00 AM	47	1	17	2	0	1	3	4	3	5	4	1	4	0	1	0
7.00 To 8.00 AM	71	1	21	4	1	5	3	3	3	5	8	1	3	1	1	0
8.00 To 9.00 AM	87	1	24	3	1	2	5	1	3	6	5	3	2	3	1	1
9.00 To 10.00 AM	58	0	18	5	1	3	5	4	5	12	3	1	2	0	0	0
10.00 To 11.00 AM	49	1	20	5	2	5	4	4	3	3	4	3	2	0	0	0
11.00 To 12.00 PM	47	3	13	5	2	4	3	8	5	8	6	0	1	2	0	0
12.00 To 1.00 PM	44	7	16	8	1	8	4	4	5	11	6	2	4	2	1	2
Total	1198	30	419	94	28	102	103	84	81	151	133	57	41	19	9	12

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic: Nimbaheda to Mangalwad (Vill. Dhoriya)

Road MDR-11A

Day Saturday to Sunday

Time 1:00 PM

Date 26-06-2010 to 27-06-2010

Weather Good

Sheet No.

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailr	Without Trailor	Cycle	Ricksha w	Animals/ Carts	Others
1.00 To 2.00 PM	35	2	7	4	2	12	4	4	2	12	5	2	0	0	0	1
2.00 To 3.00 PM	51	23	13	5	1	8	3	2	2	7	10	2	0	0	0	10
3.00 To 4.00 PM	70	1	19	9	1	7	5	1	1	6	10	1	0	0	0	1
4.00 To 5.00 PM	17	0	37	3	2	10	3	1	2	10	12	2	0	0	0	0
5.00 To 6.00 PM	76	1	27	7	0	7	3	2	1	2	8	0	0	0	0	1
6.00 To 7.00 PM	120	1	31	11	0	3	16	2	3	16	2	0	0	0	2	2
7.00 To 8.00 PM	100	0	20	5	0	5	6	3	2	1	5	1	0	1	0	1
8.00 To 9.00 PM	85	1	25	25	1	1	4	1	6	7	36	2	0	0	0	2
9.00 To 10.00 PM	25	0	23	11	1	5	6	2	4	4	11	16	2	0	0	0
10.00 To 11.00 PM	33	0	19	7	2	3	4	7	0	7	14	2	0	0	0	1
11.00 To 12.00 AM	27	0	12	4	0	2	2	1	1	3	5	1	0	0	0	1

12.00 To 1.00 AM	5	0	14	7	0	1	20	20	5	3	4	2	0	0	0	2
1.00 To 2.00 AM	82	1	54	17	4	31	3	3	18	21	22	2	12	0	0	1
2.00 To 3.00 AM	63	0	47	7	1	8	3	3	0	2	25	0	2	0	0	1
3.00 To 4.00 AM	42	5	27	5	2	6	8	0	2	125	21	0	4	0	0	0
4.00 To5.00 AM	63	2	40	32	8	33	7	12	4	32	33	0	1	0	0	1
5.00 To 6.00 AM	13	0	4	2	0	0	2	0	0	3	2	0	0	0	0	0
6.00 To 7.00 AM	72	0	17	3	1	7	3	3	2	0	3	4	0	0	0	0
7.00 To 8.00 AM	75	0	9	4	2	5	2	2	4	3	8	0	0	0	0	0
8.00 To 9.00 AM	14	0	12	12	0	6	4	0	1	2	8	1	0	0	0	2
9.00 To 10.00 AM	100	1	16	4	1	8	6	0	5	5	20	2	0	0	0	0
10.00 To 11.00 AM	94	1	31	10	2	12	6	0	8	7	17	3	0	0	0	0
11.00 To 12.00 PM	85	3	46	25	2	21	8	0	7	20	45	7	18	0	0	0
12.00 To 1.00 PM	66	8	46	3	7	24	12	2	12	37	26	28	8	0	0	0
Total	1413	50	596	222	40	225	140	71	92	335	352	78	47	1	2	27

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Nimbaheda To Magalwad
 Day Sunday to Monday
 Date 27-28/6/2010

Road MDR 11A
 Time 1:00
 Weather Good

Sheet No.

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	Vith Trailr	Without Trailor	Cycle	Ricksha w	Animals/ Carts	Others
1.00 To 2.00 PM	3	0	3	0	0	2	2	9	0	10	0	0	0	0	0	0
2.00 To 3.00 PM	0	0	3	1	0	0	0	0	1	13	0	7	0	0	0	0
3.00 To 4.00 PM	0	0	1	1	0	0	0	0	1	2	0	2	0	0	0	0
4.00 To 5.00 PM	0	2	4	3	0	0	2	2	2	7	0	7	0	0	0	0
5.00 To 6.00 PM	170	1	50	13	2	10	10	3	7	13	21	3	2	0	2	1
6.00 To 7.00 PM	145	0	38	4	1	7	5	2	2	1	12	3	0	0	0	0
7.00 To 8.00 PM	125	0	105	5	0	10	5	3	2	5	25	0	0	0	0	0
8.00 To 9.00 PM	14	0	7	4	0	0	3	0	0	0	0	1	0	0	0	0
9.00 To 10.00 PM	96	1	67	3	1	7	13	3	4	11	11	2	7	0	0	0
10.00 To 11.00 PM	75	3	45	2	1	6	7	2	1	7	10	7	13	0	1	0
11.00 To 12.00 AM	100	3	51	5	3	6	13	1	7	6	7	2	0	0	0	0
12.00 To 1.00 AM	80	3	60	5	2	5	6	3	6	9	5	2	2	0	0	0

1.00 To 2.00 AM	85	2	30	3	3	15	12	13	2	20	6	4	2	0	1	1
2.00 To 3.00 AM	70	8	56	5	5	9	11	0	1	9	17	5	6	0	0	0
3.00 To 4.00 AM	90	7	60	12	3	8	16	2	1	3	15	6	3	0	1	1
4.00 To 5.00 AM	90	16	80	10	6	11	16	6	3	8	31	20	11	0	6	1
5.00 To 6.00 AM	20	0	15	2	0	3	3	1	2	2	7	2	0	2	2	0
6.00 To 7.00 AM	55	1	8	0	0	3	5	0	1	5	5	1	0	0	0	1
7.00 To 8.00 AM	50	1	35	1	2	13	2	2	8	2	1	0	0	0	0	0
8.00 To 9.00 AM	95	1	56	7	1	4	6	3	1	4	1	1	0	0	2	0
9.00 To 10.00 AM	50	2	35	4	2	5	2	6	1	5	0	0	0	0	0	0
10.00 To 11.00 AM	61	1	26	3	4	2	1	6	4	2	0	0	0	0	1	0
11.00 To 12.00 PM	51	1	20	5	4	2	4	8	2	2	2	0	0	0	3	0
12.00 To 1.00 PM	65	0	26	3	3	4	4	5	2	5	1	0	0	0	0	2
G.Total	1590	53	881	101	43	132	148	80	61	151	177	75	46	2	19	7

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Nimbaheda to Mangalwad
 Day Monday to Tuesday
 Date 28-06-2010 to 29-06-2010

Road MDR 11A
 Time 1.00 PM
 Weather Good

Sheet No.

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	With Trailor	Cycle	Ricksha w	Animals/ Carts	Others
1.00 To 2.00 PM	13	0	5	2	2	3	4	2	2	3	5	1	0	0	0	0
2.00 To 3.00 PM	1	0	3	0	1	1	0	1	3	2	2	0	0	0	0	0
3.00 To 4.00 PM	2	0	10	2	4	2	3	2	4	2	4	5	2	0	0	0
4.00 To 5.00 PM	20	5	13	0	0	0	3	2	2	3	13	10	7	10	0	0
5.00 To 6.00 PM	5	0	13	1	2	2	2	2	2	2	2	0	0	0	0	0
6.00 To 7.00 PM	63	0	8	2	1	3	0	2	2	8	3	0	0	0	0	0
7.00 To 8.00 PM	75	0	24	2	1	3	0	2	2	10	5	0	0	0	0	0
8.00 To 9.00 PM	70	0	25	2	2	7	0	2	2	8	13	0	0	0	0	0
9.00 To 10.00 PM	100	0	28	0	0	2	3	1	2	6	10	7	1	0	0	0
10.00 To 11.00 PM	78	0	42	0	0	3	0	0	5	1	10	8	1	0	0	0
11.00 To 12.00 AM	78	0	32	0	0	5	0	0	4	8	5	1	0	0	0	0
12.00 To 1.00 AM	92	0	40	2	6	2	3	6	10	1	10	1	0	0	0	0

1.00 To 2.00 AM	87	0	14	2	2	3	2	2	2	10	18	2	10	0	0	0
2.00 To 3.00 AM	82	0	18	3	1	3	2	3	17	10	3	4	0	0	0	0
3.00 To 4.00 AM	89	0	23	4	1	3	3	0	0	12	13	2	4	0	0	0
4.00 To 5.00 AM	73	0	24	2	3	3	6	0	0	12	19	2	10	0	0	0
5.00 To 6.00 AM	140	1	54	1	5	3	2	1	6	5	0	6	0	0	0	0
6.00 To 7.00 AM	108	3	62	0	0	4	3	5	2	3	3	2	2	0	0	0
7.00 To 8.00 AM	115	3	55	1	3	7	6	4	1	2	1	1	0	0	0	0
8.00 To 9.00 AM	106	1	39	1	0	2	3	8	3	7	1	0	0	0	0	0
9.00 To 10.00 AM	84	1	23	1	0	2	2	18	11	4	1	0	0	0	0	0
10.00 To 11.00 AM	56	0	28	0	0	1	3	11	16	6	0	1	0	0	0	0
11.00 To 12.00 PM	43	1	23	3	0	0	0	13	6	3	0	0	0	0	0	0
12.00 To 1.00 PM	39	0	26	0	0	0	2	6	2	7	0	0	0	0	0	0
G.Total	1619	15	632	31	34	64	52	93	106	135	141	53	37	10	0	0

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Nimbaheda to Mangalwad
 Day Tuesday To Wednesday
 Date 29/6/2010 -30/06/10
 Sheet No.

Road MDR 11A
 Time 1:00
 Weather Good

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	Vith Trailr	Without Trailor	Cycle	Ricksha w	Animals/ Carts	Others
1.00 To 2.00 PM	6	0	6	2	0	0	1	1	2	3	0	0	0	0	0	0
2.00 To 3.00 PM	4	0	4	1	0	0	2	2	2	6	0	0	0	0	0	0
3.00 To 4.00 PM	11	0	7	2	0	0	3	1	3	5	1	0	0	0	0	0
4.00 To 5.00 PM	14	0	1	3	0	0	6	2	4	4	1	0	0	0	0	0
5.00 To 6.00 PM	34	7	2	0	0	2	2	1	4	1	0	0	0	0	0	0
6.00 To 7.00 PM	48	9	0	0	2	1	7	4	4	3	1	0	0	0	0	0
7.00 To 8.00 PM	66	2	14	0	0	5	1	3	8	12	3	1	7	0	0	0
8.00 To 9.00 PM	100	0	18	4	2	4	4	2	3	7	2	2	0	0	0	0
9.00 To 10.00 PM	77	1	21	1	1	7	2	6	1	3	0	0	0	0	0	0
10.00 To 11.00 PM	103	2	23	1	2	8	3	7	5	6	3	2	1	0	0	0
11.00 To 12.00 AM	105	3	34	1	1	9	2	11	1	5	14	1	0	0	0	0
12.00 To 1.00 AM	80	2	25	2	3	3	7	10	5	6	0	0	0	0	0	0

1.00 To 2.00 AM	108	0	34	3	0	5	7	0	2	7	14	1	0	0	0	0
2.00 To 3.00 AM	110	0	37	1	0	10	5	7	0	8	27	0	0	0	0	0
3.00 To 4.00 AM	95	1	33	0	1	7	3	1	8	16	0	2	0	0	0	1
4.00 To 5.00 AM	106	1	43	1	0	9	9	0	1	7	10	0	0	0	0	0
5.00 To 6.00 AM	109	0	11	2	0	3	5	3	1	3	10	0	1	0	0	1
6.00 To 7.00 AM	110	0	16	4	1	3	7	2	8	2	11	0	3	0	0	0
7.00 To 8.00 AM	106	1	28	11	4	0	4	2	0	3	0	0	0	0	0	0
8.00 To 9.00 AM	92	0	27	5	0	1	6	3	3	6	6	0	2	0	0	1
9.00 To 10.00 AM	38	0	20	2	0	0	8	2	7	9	4	0	0	0	0	0
10.00 To 11.00 AM	19	0	13	1	0	2	3	4	6	7	2	0	0	0	0	0
11.00 To 12.00 PM	3	0	7	1	0	0	2	1	3	3	0	0	0	0	0	0
12.00 To 1.00 PM	5	0	4	0	0	1	1	3	3	2	2	0	0	0	0	0
G.Total	1549	29	428	48	17	80	100	78	84	134	111	9	14	0	0	3

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Nimbaheda to Mangalwad
 Day Wednesday To Thrusday
 Date 30-06 to 01/7/2010
 Sheet No.

Road MDR 11A
 Time 1:00
 Weather Good

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	with Traild	Without Trailor	Cycle	Ricksha w	Animals/ Carts	Others
1.00 To 2.00 PM	9	0	6	2	0	0	1	6	7	7	0	0	0	0	0	0
2.00 To 3.00 PM	11	1	8	3	0	0	7	11	6	0	0	0	0	0	0	0
3.00 To 4.00 PM	6	0	2	1	0	0	0	4	6	9	2	0	0	0	0	0
4.00 To 5.00 PM	14	0	6	2	0	1	0	8	7	6	1	0	0	0	0	0
5.00 To 6.00 PM	27	0	6	2	0	1	4	2	2	5	1	0	0	0	0	0
6.00 To 7.00 PM	41	1	7	2	1	2	3	3	1	4	1	0	2	0	0	0
7.00 To 8.00 PM	76	0	22	0	1	6	4	2	8	7	0	3	0	0	0	0
8.00 To 9.00 PM	117	0	28	2	0	9	5	1	1	3	4	1	7	0	0	0
9.00 To 10.00 PM	120	1	13	1	2	2	2	3	6	4	6	8	1	2	0	0
10.00 To 11.00 PM	135	2	35	2	3	6	1	8	6	6	13	3	1	0	0	0
11.00 To 12.00 AM	120	3	41	0	2	3	4	12	8	4	7	6	0	0	0	2
12.00 To 1.00 AM	110	2	37	3	1	6	6	3	2	3	13	1	2	0	0	1

1.00 To 2.00 AM	105	2	35	1	0	8	5	2	3	5	9	0	1	0	0	0
2.00 To 3.00 AM	98	0	32	1	1	10	6	4	2	11	0	0	0	0	0	0
3.00 To 4.00 AM	107	124	4	0	8	4	3	4	3	13	0	3	0	0	0	0
4.00 To 5.00 AM	129	4	39	1	0	5	2	3	3	5	15	1	1	0	0	0
5.00 To 6.00 AM	113	3	11	5	0	7	3	4	2	7	9	0	1	0	0	0
6.00 To 7.00 AM	86	5	19	2	1	3	5	3	7	2	11	4	1	0	0	0
7.00 To 8.00 AM	83	1	18	5	0	2	5	1	1	7	9	2	0	0	0	0
8.00 To 9.00 AM	36	3	20	5	0	0	3	1	2	8	3	0	0	0	0	0
9.00 To 10.00 AM	93	3	24	3	2	6	3	5	1	1	7	0	1	0	0	0
10.00 To 11.00 AM	104	52	7	0	12	6	6	5	2	17	0	1	0	0	0	0
11.00 To 12.00 PM	105	4	37	4	0	5	5	5	1	1	22	0	0	0	0	0
12.00 To 1.00 PM	120	0	23	4	0	4	6	3	0	6	10	1	0	0	0	1
G.Total	1965	211	480	51	34	96	89	103	87	141	143	34	18	2	0	4

Traffic Census Field Data Sheet

Direction of Traffic Nimbaheda to Mangalwad
 Day Thrusday To Friday
 Date 01-02/7/2010
 Sheet No.

Road MDR 11A
 Time 1:00
 Weather Good

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	Vith Trailr	Without Trailor	Cycle	Ricksha w	Animals/ Carts	Others
1.00 To 2.00 PM	10	0	4	1	0	0	1	2	4	0	0	0	0	0	0	0
2.00 To 3.00 PM	3	0	6	1	0	0	2	2	3	2	0	0	0	0	0	0
3.00 To 4.00 PM	9	0	8	2	0	0	3	2	4	3	2	0	0	0	0	0
4.00 To 5.00 PM	17	0	11	2	0	0	7	3	6	4	2	0	0	0	0	0
5.00 To 6.00 PM	33	0	6	1	0	0	2	2	3	6	1	0	0	0	0	0
6.00 To 7.00 PM	26	1	10	1	1	2	4	2	3	1	5	0	1	0	0	0
7.00 To 8.00 PM	61	0	23	2	1	5	6	3	0	4	7	0	2	0	0	0
8.00 To 9.00 PM	85	2	19	3	0	7	3	2	0	1	9	0	2	0	0	0
9.00 To 10.00 PM	119	1	41	3	0	6	2	7	2	4	6	0	0	0	0	0
10.00 To 11.00 PM	99	3	44	2	0	11	0	1	1	3	8	1	0	0	0	0
11.00 To 12.00 AM	136	3	42	4	0	6	4	6	2	2	9	2	0	0	0	0
12.00 To 1.00 AM	109	2	27	5	0	7	5	1	1	2	12	1	2	0	0	2

1.00 To 2.00 AM	4	0	2	2	1	1	0	0	0	0	0	0	0	0	0	0
2.00 To 3.00 AM	0	0	2	2	0	0	0	1	1	1	0	0	0	0	0	0
3.00 To 4.00 AM	0	0	1	1	1	0	0	1	1	1	0	0	0	0	0	0
4.00 To 5.00 AM	12	0	2	1	1	1	1	1	1	1	1	0	0	0	0	0
5.00 To 6.00 AM	20	0	6	2	0	3	2	5	6	3	1	0	0	0	2	0
6.00 To 7.00 AM	40	0	20	2	2	3	2	3	9	6	8	5	7	5	2	0
7.00 To 8.00 AM	25	1	28	4	2	4	8	10	2	2	2	2	0	0	0	0
8.00 To 9.00 AM	36	2	14	3	5	6	4	5	6	4	2	1	5	4	5	2
9.00 To 10.00 AM	45	0	36	5	4	6	2	1	7	8	9	5	6	4	5	8
10.00 To 11.00 AM	40	0	25	5	8	7	9	4	5	6	8	7	0	0	0	0
11.00 To 12.00 PM	25	0	23	5	46	8	9	7	8	5	4	2	0	0	0	0
12.00 To 1.00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G.Total	954	15	400	59	72	83	76	71	75	69	96	26	25	13	14	12

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Nimbaheda to Mangalwad (Vill. Dhoriya)

Road MDR 11A

Day Monday to Tuesday

Time 1.00 PM

Date 02-07-2010 to 03-07-2010

Weather Good

Sheet No.

TIME (Hourly)	Wheelers				Bus		LCV	Truck			Tractor		Slow moving vechile			
	Two	Three	Car	Jeep	Mini	Full		2-Axle	3-Axle	Multi Axle	With Trailor	With Trailor	Cycle	Ricksha w	Animals/ Carts	Others
1.00 To 2.00 PM	15	0	5	2	2	3	4	2	2	3	5	1	0	0	0	0
2.00 To 3.00 PM	1	0	3	0	1	1	0	1	3	2	2	0	0	0	0	0
3.00 To 4.00 PM	2	0	8	2	4	2	3	2	4	2	4	5	2	0	0	0
4.00 To 5.00 PM	18	5	13	0	0	0	3	2	2	3	13	10	7	10	0	0
5.00 To 6.00 PM	5	0	13	1	2	2	2	2	2	2	2	0	0	0	0	0
6.00 To 7.00 PM	51	0	8	2	1	3	0	2	2	8	3	0	0	0	0	0
7.00 To 8.00 PM	70	0	24	2	1	3	0	2	2	10	5	0	0	0	0	0
8.00 To 9.00 PM	70	0	25	2	2	7	0	2	2	8	13	0	0	0	0	0
9.00 To 10.00 PM	100	0	27	0	0	2	3	1	2	6	10	7	1	0	0	0
10.00 To 11.00 PM	78	0	42	0	0	3	0	0	5	1	10	8	1	0	0	0
11.00 To 12.00 AM	78	0	36	0	0	5	0	0	4	8	5	1	0	0	0	0
12.00 To 1.00 AM	71	0	40	2	6	2	3	6	9	1	10	1	0	0	0	0

1.00 To 2.00 AM	87	0	14	2	2	3	2	2	2	10	18	2	10	0	0	0
2.00 To 3.00 AM	82	0	18	3	1	3	2	3	14	10	3	4	0	0	0	0
3.00 To 4.00 AM	70	0	22	4	1	3	3	0	0	12	13	2	4	0	0	0
4.00 To 5.00 AM	73	0	24	2	3	3	6	0	0	12	19	2	10	0	0	0
5.00 To 6.00 AM	140	1	51	1	5	3	2	1	6	5	0	6	0	0	0	0
6.00 To 7.00 AM	120	3	25	0	0	4	3	5	2	3	3	2	2	0	0	0
7.00 To 8.00 AM	111	3	34	1	3	7	6	4	1	2	1	1	0	0	0	0
8.00 To 9.00 AM	106	1	39	1	0	2	3	8	3	7	1	0	0	0	0	0
9.00 To 10.00 AM	84	1	23	1	0	2	2	16	11	4	1	0	0	0	0	0
10.00 To 11.00 AM	60	0	28	0	0	1	3	11	15	6	0	1	0	0	0	0
11.00 To 12.00 PM	45	1	10	3	0	0	0	6	6	3	0	0	0	0	0	0
12.00 To 1.00 PM	40	0	23	0	0	0	2	6	2	7	0	0	0	0	0	0
G.Total	1577	15	555	31	34	64	52	84	101	135	141	53	37	10	0	0

Traffic Census Field Data Sheet Km 35/825

Direction of Traffic Nimbahera to Mangalwad
 Day Tuesday to Wednesday
 Date 03-07-2010 to 04-07-2010
 Sheet No.

Road MDR 11A
 Time -
 Weather Good

Abstract at km 35/825

TIME (Hourly)	Wheelers				Bus			Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full	LCV	2-Axle	3-Axle	Multi Axle	With Trail	thout Trai	Cycle	Rikshaw	Animal s/ Carts	
PCU	0.5	1	1	1	1.5	3	1.5	3	3	4.5	4.5	1.5	0.5	2	8	6
26.6.10/ 27.6.10	1413	50	596	222	40	225	140	71	92	335	352	78	47	1	2	27
27.6.10/ 28.6.11	1590	53	881	101	43	132	148	80	61	151	177	75	46	2	19	7
28.6.10/ 29.6.12	1619	15	632	31	34	64	52	93	106	135	141	53	37	10	0	0
29.6.10/ 30.6.10	1549	29	428	48	17	80	100	78	84	134	111	9	14	0	0	3
30.6.10/ 1.7.10	1965	211	480	51	34	96	89	103	87	141	143	34	18	2	0	4
1.7.10/ 2.7.10	954	15	400	59	72	83	76	71	75	69	96	26	25	13	14	12
2.7.10/ 3.7.10	1577	15	555	31	34	64	52	84	101	135	141	53	37	10	0	0
Total	10667	388	3972	543	274	744	657	580	606	1100	1161	328	224	38	35	53
Average	1524	55	567	78	39	106	94	83	87	157	166	47	32	5	5	8

Nimbaheda to Mangalwad	1524	55	567	78	39	106	94	83	87	157	166	47	32	5	5	8
Mangalwar to Nimbaheda	1199	29	422	94	28	104	103	84	82	151	135	57	39	0	10	15
G. Total	2723	85	989	172	67	210	197	167	168	308	301	104	71	5	15	23

Motor 5491

643
0.1171

0.5	1	1	1	1.5	3	1.5	3	3	4.5	4.5	1.5	0.5	2	8	6
1361.5	85	989	172	100.5	630	295.5	501	504	1386	1354.5	156	35.5	10	120	138

Nimbahera to Mangalwad

TIME (Hourly)	Wheelers				Bus			LCV	Truck			Tractor		Slow moving vechile			OTHERS
	TWO	THREE	Car	Jeep	Mini	Full	2-AXLE		3-AXLE	MULTI AXLE	With Trailor	Without Trailor	CYCLE	Rikshaw	Animals/ CARTS		
1.00 To 2.00 PM	13	0	5	2	1	3	2	4	3	5	2	1	0	0	0	0	
2.00 To 3.00 PM	10	3	6	2	0	1	2	3	3	5	2	1	0	0	0	1	
3.00 To 4.00 PM	14	0	8	3	1	2	2	2	3	4	3	2	1	0	0	0	
4.00 To 5.00 PM	14	2	12	2	0	2	3	3	4	5	6	4	2	3	0	0	
5.00 To 6.00 PM	50	1	17	4	1	3	4	2	3	4	5	0	0	0	0	0	
6.00 To 7.00 PM	71	2	15	3	1	3	5	2	2	6	4	0	0	0	0	0	
7.00 To 8.00 PM	82	0	33	2	1	5	3	3	3	7	7	1	1	0	0	0	
8.00 To 9.00 PM	77	0	21	6	1	5	3	1	2	5	11	1	1	0	0	0	
9.00 To 10.00 PM	91	1	31	3	1	4	4	3	3	5	8	6	2	0	0	0	
10.00 To 11.00 PM	86	1	36	2	1	6	2	4	3	4	10	4	2	0	0	0	
11.00 To 12.00 AM	92	2	35	2	1	5	4	4	4	5	7	2	0	0	0	0	
12.00 To 1.00 AM	78	1	35	4	3	4	7	7	5	4	8	1	1	0	0	1	
1.00 To 2.00 AM	80	1	26	4	2	9	4	3	4	10	12	2	5	0	0	0	

2.00 To 3.00 AM	72	1	30	3	1	6	4	3	5	7	11	2	1	0	0	0
3.00 To 4.00 AM	70	20	24	4	2	4	5	1	2	26	9	2	2	0	0	0
4.00 To 5.00 AM	78	3	36	7	3	9	7	3	2	11	18	4	5	0	1	0
5.00 To 6.00 AM	79	1	22	2	1	3	3	2	3	4	4	2	0	0	1	0
6.00 To 7.00 AM	84	2	24	2	1	4	4	3	4	3	6	3	2	1	0	0
7.00 To 8.00 AM	81	1	30	4	2	5	5	4	2	3	3	1	0	0	0	0
8.00 To 9.00 AM	69	1	30	5	1	3	4	4	3	5	3	0	1	1	1	1
9.00 To 10.00 AM	71	1	25	3	1	4	4	7	6	5	6	1	1	1	1	1
10.00 To 11.00 AM	62	8	23	3	4	4	4	6	8	7	4	2	0	0	0	0
11.00 To 12.00 PM	51	1	24	7	7	5	4	6	5	5	10	1	3	0	0	0
12.00 To 1.00 PM	48	1	21	1	1	5	4	4	3	9	6	4	1	0	0	0
Total	1523	54	569	80	38	104	93	84	85	154	165	47	31	6	4	4

Mangalwad_Nimbaheda Complete

TIME (Hourly)	Wheelers				Bus			LCV	Truck			Tractor		Slow moving vechile			OTHERS
	TWO	THREE	Car	Jeep	Mini	Full	2-AXLE		3-AXLE	MULTI AXLE	With Trailor	Without Trailor	CYCLE	Rikshaw	Animals/ CARTS		
1.00 To 2.00 PM	79	0	22	6	2	8	7	8	6	8	6	7	1	0	0	0	
2.00 To 3.00 PM	68	3	26	5	1	5	7	7	7	8	8	2	1	1	0	1	
3.00 To 4.00 PM	81	1	38	12	2	10	6	6	5	9	9	6	4	1	1	1	
4.00 To 5.00 PM	79	4	24	7	0	12	10	5	7	10	11	7	2	3	0	0	
5.00 To 6.00 PM	127	2	36	9	3	7	12	6	9	14	11	2	1	0	0	1	
6.00 To 7.00 PM	144	3	39	8	4	10	12	9	6	12	8	1	2	0	0	0	
7.00 To 8.00 PM	149	1	57	4	2	9	9	9	9	15	16	3	2	1	0	1	
8.00 To 9.00 PM	126	0	40	8	2	7	5	6	5	14	17	4	2	1	0	0	
9.00 To 10.00 PM	149	2	49	7	2	8	9	6	6	13	18	10	3	0	0	0	
10.00 To 11.00 PM	132	2	51	6	1	10	8	7	7	10	16	5	3	1	1	2	
11.00 To 12.00 AM	127	3	52	6	3	9	9	5	7	11	13	3	1	0	0	1	
12.00 To 1.00 AM	110	2	47	7	3	7	9	11	6	7	11	2	1	1	1	2	
1.00 To 2.00 AM	91	1	33	5	2	10	8	4	5	13	14	4	6	2	0	0	

2.00 To 3.00 AM	83	4	38	4	2	9	6	5	9	15	17	6	5	1	2	0
3.00 To 4.00 AM	82	21	39	8	6	10	7	3	4	35	17	7	3	0	0	0
4.00 To 5.00 AM	117	5	52	11	4	13	11	5	5	17	26	7	7	1	1	1
5.00 To 6.00 AM	108	1	39	4	2	4	5	4	5	7	6	5	2	1	1	1
6.00 To 7.00 AM	131	3	41	4	1	5	7	7	7	8	10	4	6	1	1	0
7.00 To 8.00 AM	152	2	51	8	3	10	8	7	5	8	11	2	3	1	1	0
8.00 To 9.00 AM	156	2	54	8	2	5	9	5	6	11	8	3	3	4	2	2
9.00 To 10.00 AM	129	1	43	8	2	7	9	11	11	17	9	2	3	1	1	1
10.00 To 11.00 AM	111	9	43	8	6	9	8	10	11	10	8	5	2	0	0	0
11.00 To 12.00 PM	98	4	37	12	9	9	7	14	10	13	16	1	4	2	0	0
12.00 To 1.00 PM	92	8	37	9	2	13	8	8	8	20	12	6	5	2	1	2
Total	2721	84	988	174	66	206	196	168	166	305	298	104	72	25	13	16

Traffic Census Field Data Sheet

Direction of Traffic **Mangalwad-Nimbaheda**

Road SH-61

Date : 26.06.2010 to 03.07.2010

Day 07 days

Abstract at km 35/825

TIME (Hourly)	Wheelers				Bus			LCV	Truck			Tractor		Slow moving vechile			Others
	Two	Three	Car	Jeep	Mini	Full	2-Axle		3-Axle	Multi Axle	With Trail	thout Trai	Cycle	Rikshaw	Animal s/ Carts		
PCU	0.5	1	1	1	1.5	3	1.5	3	3	4.5	4.5	1.5	0.5	2	8	6	
26.6.10/ 27.6.10	2766	96	1110	445	71	431	259	141	199	616	714	116	89	1	2	41	
27.6.10/ 28.6.11	3110	78	1505	226	88	241	282	177	125	247	278	130	120	2	36	21	
28.6.10/ 29.6.12	2839	31	1153	89	74	178	160	203	211	361	293	102	65	10	7	16	
29.6.10/ 30.6.10	2363	43	806	141	23	130	184	142	156	278	191	100	28	0	7	20	
30.6.10/ 1.7.10	2905	217	827	109	59	157	194	196	165	259	233	78	55	2	14	31	
1.7.10/ 2.7.10	2870	92	803	127	105	203	173	151	161	179	204	110	84	13	31	21	
2.7.10/ 3.7.10	2207	36	719	66	50	129	129	160	160	214	193	93	56	10	6	9	
Total	19060	593	6923	1203	470	1469	1381	1170	1177	2154	2106	729	497	38	103	159	
Average	2723	84.71	989.00	171.86	67.14	209.86	197.29	167.14	168.14	307.71	300.86	104.14	71.00	5.43	14.71	22.71	

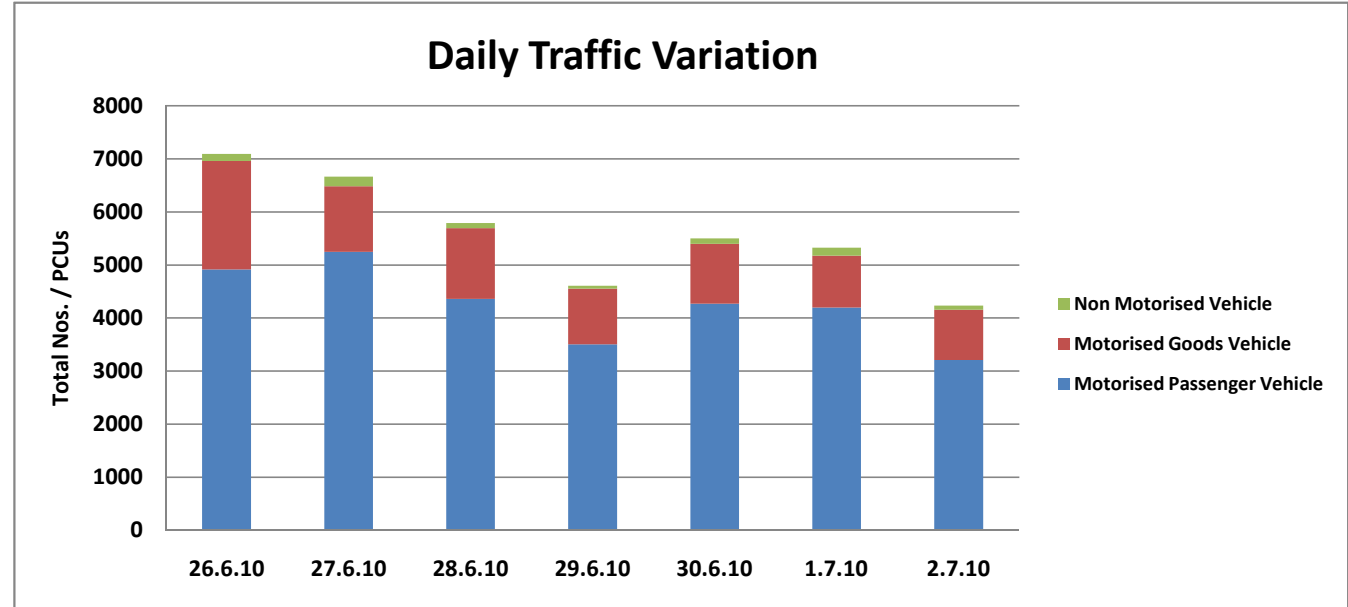
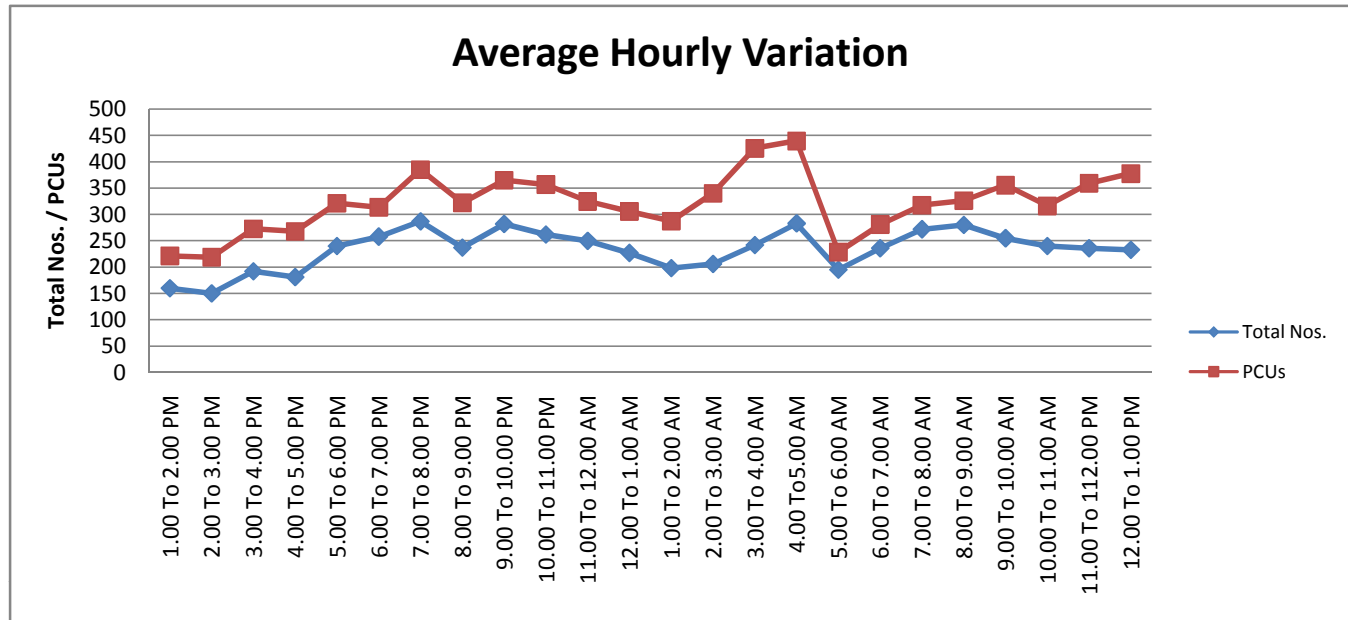
0.5	1	1	1	1.5	3	1.5	3	3	3	4.5	4.5	1.5	0.5	2	8	6
1361	85	989	172	101	630	296	501	504	1385	1354	156	36	11	118	136	

Mangalwar - Nimbahera (Complete)

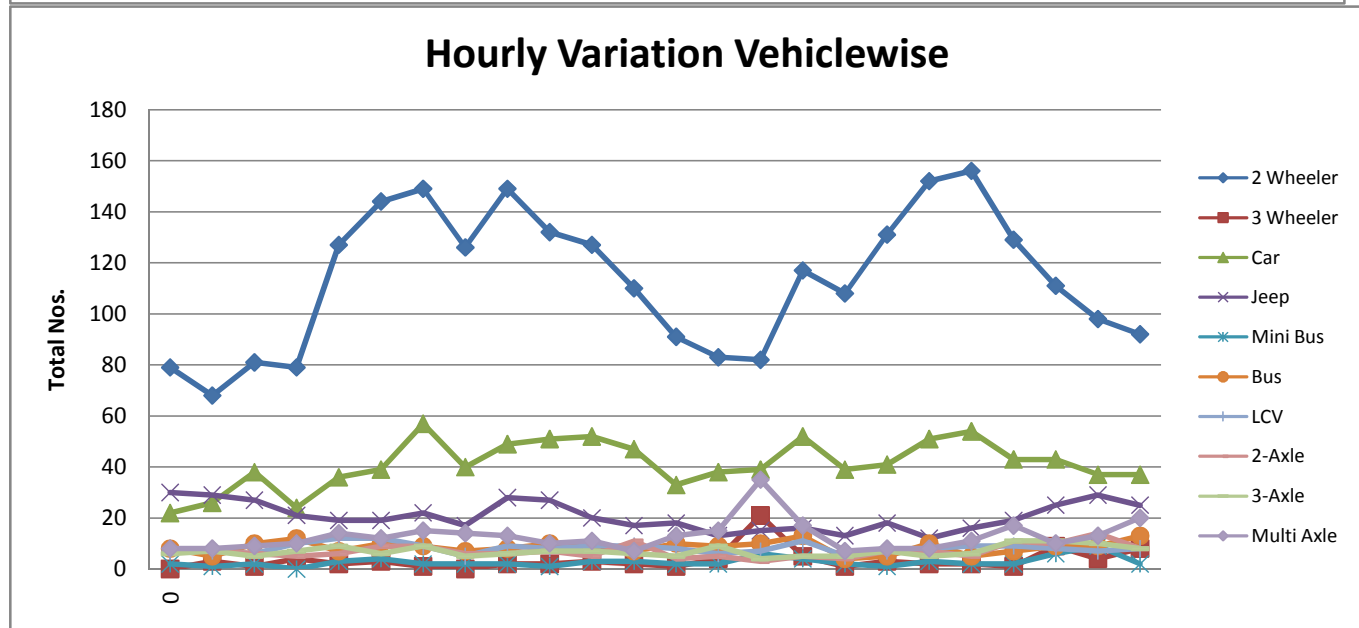
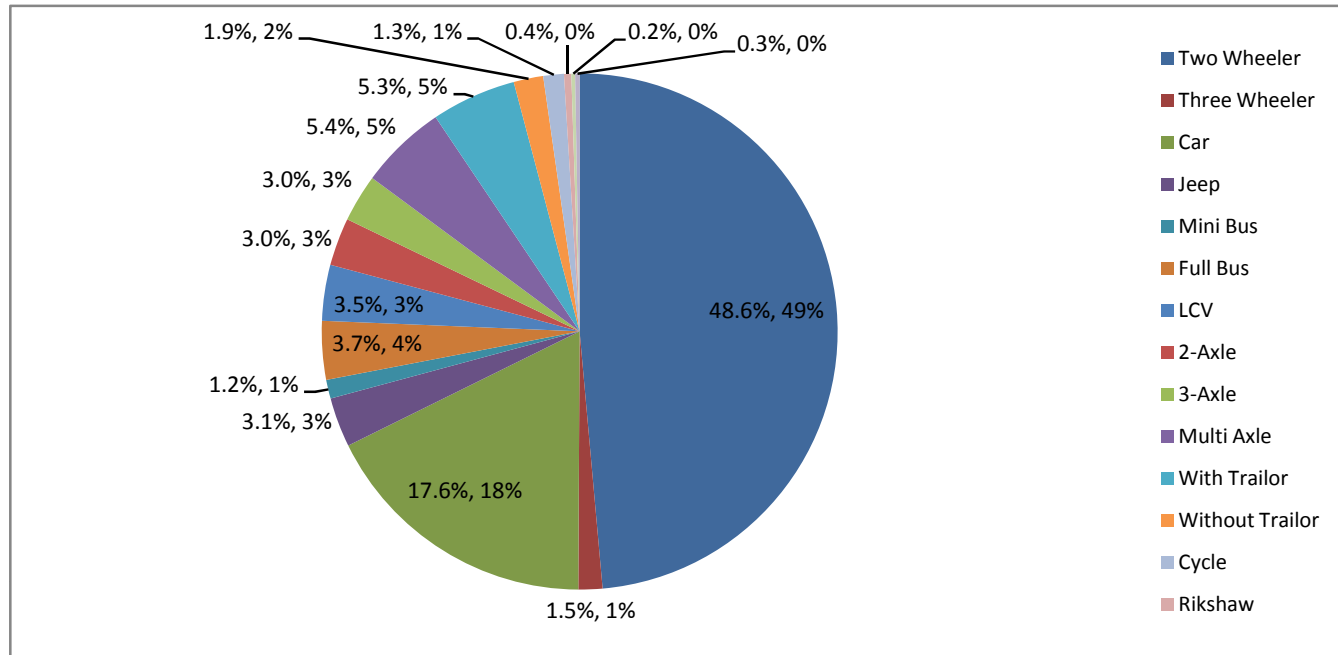
TIME (Hourly)	Motorised Passenger Vehicle								Motorised Goods Vehicle								Non Motorised					G. Total	Total PCU	
	Wheelers				Bus		Total	PCU	Truck				Tractor		Total	PCU	Slow moving vechile							
	Two	Three	Car	Jeep	Mini	Full			LCV	2-Axle	3-Axle	Multi Axle	With Trailer	Without Trailer			Cycle	Rikshaw	Animals/ Carts	Others	Total			PCU
PCU	0.5	1	1	1	1.5	3			1.5	3	3	4.5	4.5	1.5			0.5	2	8	6				
1.00 To 2.00 PM	79	0	22	6	2	8	117	94.5	7	8	6	8	6	7	42	126	1	0	0	0	1	0.5	160	221
2.00 To 3.00 PM	68	3	26	5	1	5	108	84.5	7	7	7	8	8	2	39	127.5	1	1	0	1	3	6.5	150	218.5
3.00 To 4.00 PM	81	1	38	12	2	10	144	124.5	6	6	5	9	9	6	41	132	4	1	1	1	7	16	192	272.5
4.00 To 5.00 PM	79	4	24	7	0	12	126	110.5	10	5	7	10	11	7	50	156	2	3	0	0	5	1	181	267.5
5.00 To 6.00 PM	127	2	36	9	3	7	184	136	12	6	9	14	11	2	54	178.5	1	0	0	1	2	6.5	240	321
6.00 To 7.00 PM	144	3	39	8	4	10	208	158	12	9	6	12	8	1	48	154.5	2	0	0	0	2	1	258	313.5
7.00 To 8.00 PM	149	1	57	4	2	9	222	166.5	9	9	9	15	16	3	61	211.5	2	1	0	1	4	7	287	385
8.00 To 9.00 PM	126	0	40	8	2	7	183	135	5	6	5	14	17	4	51	186	2	1	0	0	3	1	237	322
9.00 To 10.00 PM	149	2	49	7	2	8	217	159.5	9	6	6	13	18	10	62	204	3	0	0	0	3	1.5	282	365
10.00 To 11.00 PM	132	2	51	6	1	10	202	156.5	8	7	7	10	16	5	53	178.5	3	1	1	2	7	21.5	262	356.5
11.00 To 12.00 AM	127	3	52	6	3	9	200	156	9	5	7	11	13	3	48	162	1	0	0	1	2	6.5	250	324.5
12.00 To 1.00 AM	110	2	47	7	3	7	176	136.5	9	11	6	7	11	2	46	148.5	1	1	1	2	5	20.5	227	305.5
1.00 To 2.00	91	1	33	5	2	10	142	117.5	8	4	5	13	14	4	48	166.5	6	2	0	0	8	3	198	287
2.00 To 3.00	83	4	38	4	2	9	140	117.5	6	5	9	15	17	6	58	204	5	1	2	0	8	18.5	206	340
3.00 To 4.00 AM	82	21	39	8	6	10	166	148	7	3	4	35	17	7	73	276	3	0	0	0	3	1.5	242	425.5
4.00 To 5.00 AM	117	5	52	11	4	13	202	171.5	11	5	5	17	26	7	71	250.5	7	1	1	1	10	17.5	283	439.5

5.00 To 6.00 AM	108	1	39	4	2	4	158	113	5	4	5	7	6	5	32	100.5	2	1	1	1	5	15	195	228.5
6.00 To 7.00 AM	131	3	41	4	1	5	185	130	7	7	7	8	10	4	43	139.5	6	1	1	0	8	11	236	280.5
7.00 To 8.00 AM	152	2	51	8	3	10	226	171.5	8	7	5	8	11	2	41	136.5	3	1	1	0	5	9.5	272	317.5
8.00 To 9.00 AM	156	2	54	8	2	5	227	160	9	5	6	11	8	3	42	136.5	3	4	2	2	11	29.5	280	326
9.00 To 10.00 AM	129	1	43	8	2	7	190	140.5	9	11	11	17	9	2	59	199.5	3	1	1	1	6	15.5	255	355.5
10.00 To 11.00 AM	111	9	43	8	6	9	186	151.5	8	10	11	10	8	5	52	163.5	2	0	0	0	2	1	240	316
11.00 To 11.00 PM	98	4	37	12	9	9	169	142.5	7	14	10	13	16	1	61	214.5	4	2	0	0	6	2	236	359
12.00 To 1.00 PM	92	8	37	9	2	13	161	142	8	8	8	20	12	6	62	213	5	2	1	2	10	22.5	233	377.5
ADT	2721	84	988	174	66	206	4239	3324	196	168	166	305	298	104	1237	4166	72	25	13	16	126	236	5602	7725
%age Share	48.6%	1.5%	17.6%	3.1%	1.2%	3.7%	75.7%		3.5%	3.0%	3.0%	5.4%	5.3%	1.9%	22.1%		1.3%	0.4%	0.2%	0.3%	2.2%			

Mangalwar - Nimbahera (Complete)



Mangalwar - Nimbahera (Complete)



Traffic Census Data

OD Survey (~ 10%)