

《APPENDIX》

1. Container Freight Station (CFS) Survey Result
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APPENDIX 1 Container Freight Station (CFS) Survey Result

Container Freight Station Interview Form

Reference No.

This is a part of reviewing works for the Mombasa Bypass Project in association with Kenya National Highway Authority (KeNHA) as well as Japan International Cooperation Agency (JICA). JICA is also sponsoring Mombasa Port New Container Terminal Project. To provide a better connection between Mombasa Bypass and New Container Terminal and decongestion existing road networks in Mombasa, Kipevu Link Road is proposed under Mombasa Bypass Project. In this regards, we would like to request all member of Mombasa CFS Association to complete the following questionnaire (Please refer attached location map on the last page);

Q-01. Please indicate your CFS name.

Q-02. When was your CFS established? in (Month) (Year)

Q-03. Where is your CFS located? Could you please select one from followings by direction and indicate approximate distance from Changamwe Roundabout?

- Direction; North (along National Highway A109 toward Nairobi)
- South (along Access Road toward Port Gate)
- West (along Barak Obama Road toward Moi International Airport)
- East (along Makupa Causeway toward Mombasa Island)

Distance; km

Q-04. What is the major items your CFS dealing with? If your CFS deals with more than one item, please indicate top three items in the following table (Q-05) as well, respectively.

- Container
- Automobile
- Bulk Cargo
- Others (Please Specify)

Q-05. How many containers or cargos have you been handling annually during last 4 years period?

Items	Unit	FY2007/08	FY2008/09	FY2009/10	FY2010/11

Note; Unit of measurement shall be selected from followings; TEU, Metric Ton, Vehicles, CIF Value in USD, etc.

Q-06. How large is your CFS?

Depot; (ha) Office Space; (sq.m)

Figure A1-1a Container Freight Station Interview Form (1/3)

Truck Waiting Space; (Width) _____ x (Length) _____ (m)

Truck Waiting Space is located at which side of your CFS? Please select one from below.

Not Available

Outside Compound

Inside Compound

Q-07. Could you give us the number of equipment your CFS possesses by type of equipment?

Reach Stacker; _____

Container Lifter; _____
(w/ Top or Side Spreader)

Others; _____
(Please specify what they are)

Q-08. Could you give us the number of staff working in your CFS by type of works?

Administrators; _____

Operators; _____

Other Workers; _____

Q-09. Have you ever encountered any problem to operate your CFS? And if so, what kind of problem is that?

Q-10. Have you ever heard that following projects are going to launch soon and supposed to be completed their 1st Phase portion and/or segment by end of 2015?

a. New Container Terminal (Berth No. 20, 21, and 22) Project Yes or No

b. Mombasa South (Dongo Kundu) Bypass Project Yes or No

Q-11. Do you have any plans to improve, expand, relocate, merge your CFS, or any other, based on the current conditions and foreseeable near future demands or reacting above-mentioned projects?

Improvement; Yes or No If Yes, what is it? _____

Expansion; Yes or No If Yes, How large is it? _____

Relocation; Yes or No If Yes, Where are you going to, and How large is it?

Merging; Yes or No If Yes, who will you merge with, and by when?

Figure A1-1b Container Freight Station Interview Form (2/3)

Any Others; Yes or No If Yes, please specify what will it be?

Q-12. Could you please indicate contact information for further clarifications, if possible?

Name of 1st Person-In-Charge; Phone No.;

Title; E-Mail Address; @

Name of 2nd Person-In-Charge; Phone No.;

Title; E-Mail Address; @

Name of 3rd Person-In-Charge; Phone No.;

Title; E-Mail Address; @

Q-13. If you have any comments and/or suggestions regarding above questionnaire and Mombasa Bypass Project, please feel free to write them on the following space;

Thank you very much for your cooperation !!

Name of Person-In-Charge of This Interview; Eng. Kenji ISOMOTO +254-202-210-588 (Nairobi)
Katahira & Engineers International Phone No.; +81-3-6280-3503 (Tokyo)

Deputy Team Leader kei-nairobi@katahira.com
Title; JICA Preparatory Survey Team E-Mail Address; isomoto@katahira.com

Figure A1-1c Container Freight Station Interview Form (3/3)

Table A1-2a Summaries of Feedbacks from Container Freight Stations (CFSs) 1/6

ID	NAME	MONTH	YEAR	DIRECT.	DISTANCE	RANGE	ITEMS A	ITEMS B	ITEMS C	ITEMS D	UNIT A	UNIT B	UNIT C	UNIT D	FY2007_08 A	FY2007_08 B	FY2007_08 C	FY2007_08 D
01	Compact Freight System Ltd	September	2008	North	5	8	Container	Automobile			TEU	Vehicles			177	21		
02	Africa Line Terminal & Logistics LTD	February	2008	North		8		Automobile				Vehicles				14,795		
03	Awamad Enterprises Ltd	December	2000	North	2.7	4	Container	Automobile	Bulk Cargo		TEU	Vehicles	Metric Tons		500	60	500	
04	Console Base 1	September	2002	North	2	2	Container	Automobile		LCL Con-solidation	TEU	Vehicles						
05	UN SAO(United Nation)	July	2009	North	2.1	4	Container	Automobile	Bulk Cargo		TEU	Vehicles	Metric Tons					
06	Console Base 2	September	2002	North	2	2	Container	Automobile		LCL Con-solidation	TEU	Vehicles						
07	Dodwell & Company(EA)	December	2008	West		2	Container				TEU							
08	Fotune Container Depot Ltd	January	2000	West		4	Container				TEU							
09	Mombasa Container Terminal Ltd	August	2001	West	2.5	2	Container	Automobile		LCL Con-solidation	TEU	Vehicles		Metric Tons	36,000	21,000		
10	Mitchell Cotis Kibarami				7.3	8												
11	Mitchell Cotis Kibarami				1.7	2												
12	Portside Freight Terminal																	
13	Kemcont Logistics services Ltd.	January	2002	South	4	8	Container	Automobile			TEU	Vehicles		36,000	600			
14	Interpel Investment Ltd	June	2006	South	0.08	1	Container	Automobile	Bulk Cargo		TEU	Vehicles	Metric Tons		600	1,000	5,500	
15	Boss Freight Terminals	May	2006	South	4	8		Automobile		Project Cargo		Vehicles				19,400		
16	Focus Container Freight Station	September	2008	East	0.5	1	Container	Automobile	Bulk Cargo		TEU	Vehicles	Metric Tons					
17	CPC Freight Services				1.45	1												

Table A1-2b Summaries of Feedbacks from Container Freight Stations (CFSs) 2/6

ID	FY2008_09 A	FY2008_09 B	FY2008_09 C	FY2008_09 D	FY2009_10 A	FY2009_10 B	FY2009_10 C	FY2009_10 D	FY2010_11 A	FY2010_11 B	FY2010_11 C	FY2010_11 D	DEPOT AREA	TWS_2009_10 OFFICE SPACE	TWS_2009_10 WIDTH	TWS_2009_10 LENGTH	TWS_2009_10 AREA	LOCATION
01	8,121	144			14,496	290			9,490	67			6.00	720			6.00	Outside Compound
02		14,103			15,965					10,100			2.20	9,000	3.5	46	160	Inside Compound
03	1,000	90	1,000		12,000	150	2,000		2,500	300	5,000		0.81	1,600	3.5	150	525	Inside Compound
04	32,948	4,032			33,322	4,439			32,184	14,930			6.90	160			6.90	Outside Compound
05	252	2	28		1,975	46	196		1,072	62	50		3.00	8,000	3.5	50	175	Inside Compound
06	32,948	4,032			33,322	4,439			32,184	14,930			6.90	160			6.90	Outside Compound
07	28,000				47,000				24,000				2.43	20,480	3.5	285	998	Inside Compound
08	43,200				49,680				60,000				3.20	450			3.20	Not Available
09		12,000			40,000	13,000			25,000	6,000			4.00	2,500			4.00	Outside Compound
10																		
11																		
12	36,000	600			36,000	600			36,000	600			2.43	3,200	3.5	15	53	Outside Compound
13		11,000			9,000				9,500				3.00	1,200			3.00	Not Available
14	7,200	14,000	6,700		8,000	17,000	4,500		10,000	18,000	1,500		2.70	3,200	3.5	30	105	Inside Compound
15		13,700			19,400				500	3,400			1.13	1,600	3.5		1.13	Inside/Outside Compound
16													0.20	1,085	10.0	150	1,500	Inside/Outside Compound
17																		

Table A1-2c Summaries of Feedbacks from Container Freight Stations (CFSs) 3/6

ID	REACH STACKER	CONT. LIFT	OTHERS	SPECIFY	ADMIN	OPERATOR	OTHERS	PROBLEM	CONGESTION	CONDITION	SYSTEM	ENVIRONMENT	SECURITY	NO PROBLEM
01	4		1	Fork Lift	25	4	42	Badly damaged roads along the highway especially at Jomvu, these severally causes traffic jam	1	1				
02					4	28	5	Poor road condition causing clients to look for other CFS, traffic congestion	1	1				
03	2		3	Fork Lift	3	2	75	Occasional system breakdown-KPA/KRA, Congestion on roads	1		1			
04	5		5	Fork Lift	20	12	110							
05	1	1	4	Fork Lift				Access road needs repair		1				
06	5		5	Fork Lift	20	12	110							
07			3	Empty Handler	3	6	31	Delays of vessels to load empties at the port, Lack of space to stack at port			1			
08	1	3		Empty Handler	8	30	5	Traffic congestion at the port & roads, Environmental-High noise levels especially at night	1			1		
09	4		3	Fork Lift			130							
10														
11														
12	2		3	Fork Lift	6	6		Mostly loading & exiting port			1			
13	1		2	Fork Lift	12	15	5	Safety in transit ,mostly at night from petty thieves, Regulatory from municipal on handling of containers, Handling of relief cargo inside CFS due to regulations by KRA			1		1	
14	3	1			15	6	45	Traffic jam at the port, limited equipment& poor road network.	1	1	1			
15					28	18		Slow clearance procedure by KRA, especially to clear vehicle through port gates			1			
16	4	4	2	Fork Lift	13	21	21	No issue encountered so far						1
17														

Table A1-2d Summaries of Feedbacks from Container Freight Stations (CFSs) 4/6

ID	NEW TERMIN	BYPASS	IMPROVEMENT	IMP_COMMENT	EXPANSION	EXP_COMMENT	RELOCATION	REL_COMMENT	MERGING	OTHERS	OTH_COMMENT
01	Yes	Yes	Yes	Expand	Yes	6 acres	No		No	No	
02	Yes	Yes	Yes	Looking for Land to Handle Container Business	Yes	After Improvement	No		No	No	
03	Yes	Yes	Yes	Systems	Yes	2.5 acres of vehicle yard	No		No	No	
04	Yes	Yes	No		Yes	5 acres	No		No	No	
05	Yes	Yes									
06	Yes	Yes	No		Yes	5 Acres	No		No	No	
07	Yes	Yes	Yes		Yes		No		No	No	
08	Yes	Yes	Yes	Jomvu	Yes	7 ha	Yes	7 ha	No	No	
09	Yes	Yes	No		No		No		No	No	
10											
11											
12	Yes	Yes	Yes	Expansion	Yes	6 acres	No		No	No	
13	Yes	Yes	Yes	Renovation of Offices	Yes	1.2 ha	Yes	Miritini 3.5ha	No	Yes	CFS at inland location-Nairobi, Kampala, Juba, Kigali
14	No	Yes	Yes	Private Truck Parking	Yes	2.5 ha	No		No	No	
15	Yes	Yes	Yes		Yes	Additional capacity	No		No	No	
16	Yes	Yes	No		No		No		No	No	
17											

Table A1-2e Summaries of Feedbacks from Container Freight Stations (CFSs) 5/6

ID	NAME_1	TITLE_1	PHONE_1	E_MAIL_1	NAME_2	TITLE_2	PHONE_2	E_MAIL_2
01	Eric Waithaka	General Manager	0722 539236	ericwaithaka@compact.co.ke	Peter Kahura	Finance Manager	0722 920768	info@compact.co.ke
02	Ram Mohan	General Manager	0720 2124124/5	info@atlilkenya.com	James Mbiya	Operations Manager	0723 929104	james@atlilkenya.com
03	Wilfred Oliga	Managing Director	020 3549333	wilfred@awamad.co.ke	Christian Masuka	General Manager Marketing	0715 526809	christian@awamad.co.ke
04	Fernando Marques	Managing Director	0722 281000	fernando.marques@consolebase.co.ke	Asgher Mohi	Director	0722 580786	asghermohi@consolebase.co.ke
05	H.S Kelley	Operations Manager	0722 809860	kelleh1@tin.org	Asgher Mohi	Director	0722 580786	asghermohi@consolebase.co.ke
06	Fernando Marques	Managing Director	0722 281000	fernando.marques@consolebase.co.ke	Asgher Mohi	Director	0722 580786	asghermohi@consolebase.co.ke
07	Eddie Mwangi	Depot Manager	0722 353373	eddiemwangi@tdowell.co.ke	Jackson Chege		0721 340039	
08	S. Kamau	General Manager	0722410198	sk@friconline.co.ke				
09	James Rariya	Managing Director	0722 559655	jamesrariya@bollove.com				
10								
11								
12	Salim Juma	Operations Manager	0728 368883	info@portsidetransport.co.ke				
13	Jim Siro	General Manager	0735 613774	jsiro@kenkont.com				
14	Abdiramani Abass	Managing Director	0722 524059	jamal@interpel.co.ke	Mohammed Juma	General Manager	0732 730973	mj@interpel.co.ke
15	David Killooran	Managing Director	0737 408326	david@thetelgroup.com	Zahiff Imitiaz	General Manager	0733 615494	imitiaz@bossflight.com
16	Faisal Abbas	Chairman	0737 111000	faisal@tecanflex.com	Cyrille du crest	General Manager	0702 139149	cyrilleducrest@ficus.co.ke
17								

Table A1-2f Summaries of Feedbacks from Container Freight Stations (CFSs) 6/6

ID	NAME_3	TITLE_3	PHONE_3	E_MAIL_3	COMMENTS
01	Faith Karuri	Customer Service	0716 430693	faithkaruri@compact.co.ke	Make the road from Changamwe to china road a dual carriage to ease traffic since more business are opening up along the highway. Make more bypass to North Coast esp. from Miritani to Miritini
02					The idea is excellent & good development open up business with Southern Sudan. Development is very welcome
03					
04					Need extra port gate for smooth flow of trucks to the CFSs
05					
06					Need extra port gate for smooth flow of trucks to the CFSs
07					With extension of the port and the fact that new roads are going to be build this will improve the port congestion & delay encountered now & then
08					The project will open up areas and make business between depots & port much easier and more profitable
09					
10					
11					
12					Wish good luck with the project
13					Are land owners along the development route being engaged in consultation; Are there plans for future expansion of Mombasa Industry? Are stakeholders being engaged? What are the environmental assessments with the new facility and road? Is there an impact on local communities and what is being done to prepare them? What is the new port development status with regards to the plans for Lamu terminal? How is the business modeling in terms of cargo and inland operations/routes?
14	Gabriel Mwamba	Operations Manager	0720 935053	gabdufi@interpel.co.ke	We fully support the Mombasa bypass project since we believe it will reduce almost all our problems within & outside the port
15					
16	Jamal Abass	Director		jamal@interpel.co.ke	
17					

APPENDIX 2 Traffic Survey Results

STATION 1: MAZERAS (SECTION COUNT)

1st day: Tuesday 21st June 2011

Dir 1: To Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	47	29	15	83	8	7	7	32	12	109	349	302
8:00-9:00	45	15	24	50	15	5	8	35	19	120	336	291
9:00-10:00	33	20	19	30	5	5	7	18	12	104	253	220
10:00-11:00	36	23	30	35	15	1	6	15	15	110	286	250
11:00-12:00	35	22	17	30	0	3	5	11	19	68	210	175
12:00-13:00	34	23	25	40	5	2	4	18	16	82	249	215
13:00-14:00	15	14	41	45	1	2	10	19	12	98	257	242
14:00-15:00	30	13	30	37	10	3	7	12	19	63	224	194
15:00-16:00	43	29	35	38	10	1	9	16	14	64	259	216
16:00-17:00	28	23	21	49	3	5	13	13	19	97	271	243
17:00-18:00	43	40	50	54	3	5	9	15	11	75	305	262
18:00-19:00	24	35	30	35	6	6	11	37	10	111	305	281
12h Total	413	286	337	526	81	45	96	241	178	1,101	3,304	2,891

Dir 2: To Nairobi

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	42	50	43	83	30	10	10	28	5	104	405	363
8:00-9:00	17	15	72	84	2	5	17	20	17	83	332	315
9:00-10:00	29	24	67	73	6	8	7	23	13	115	365	336
10:00-11:00	20	30	82	87	3	10	8	27	20	98	385	365
11:00-12:00	13	35	51	72	8	6	24	38	39	120	406	393
12:00-13:00	25	40	48	74	12	9	6	29	24	74	341	316
13:00-14:00	16	17	38	63	33	4	11	31	16	100	329	313
14:00-15:00	7	36	40	64	2	7	19	28	24	117	344	337
15:00-16:00	30	37	65	83	12	15	9	38	24	118	431	401
16:00-17:00	13	15	33	72	5	2	11	16	31	100	298	285
17:00-18:00	8	11	52	60	10	19	7	23	35	110	335	327
18:00-19:00	13	35	53	42	19	19	6	15	12	140	354	341
12h Total	233	345	644	857	142	114	135	316	260	1,279	4,325	4,092

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	89	79	58	166	38	17	17	60	17	213	754	665
8:00-9:00	62	30	96	134	17	10	25	55	36	203	668	606
9:00-10:00	62	44	86	103	11	13	14	41	25	219	618	556
10:00-11:00	56	53	112	122	18	11	14	42	35	208	671	615
11:00-12:00	48	57	68	102	8	9	29	49	58	188	616	568
12:00-13:00	59	63	73	114	17	11	10	47	40	156	590	531
13:00-14:00	31	31	79	108	34	6	21	50	28	198	586	555
14:00-15:00	37	49	70	101	12	10	26	40	43	180	568	531
15:00-16:00	73	66	100	121	22	16	18	54	38	182	690	617
16:00-17:00	41	38	54	121	8	7	24	29	50	197	569	528
17:00-18:00	51	51	102	114	13	24	16	38	46	185	640	589
18:00-19:00	37	70	83	77	25	25	17	52	22	251	659	622
12h Total	646	631	981	1,383	223	159	231	557	438	2,380	7,629	6,983

STATION 1: MAZERAS (SECTION COUNT)

2nd Day: Wednesday 22nd June 2011

Dir 1: To Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	51	25	23	76	10	10	5	28	8	103	339	288
8:00-9:00	40	15	22	46	6	4	3	30	15	130	311	271
9:00-10:00	43	16	21	58	3	3	4	15	13	99	275	232
10:00-11:00	25	18	23	40	3	0	4	14	11	104	242	217
11:00-12:00	39	24	26	52	2	1	3	13	14	68	242	203
12:00-13:00	37	32	30	47	2	1	5	24	14	72	264	227
13:00-14:00	15	39	38	48	2	2	7	14	8	85	258	243
14:00-15:00	38	31	34	57	6	1	4	14	14	66	265	227
15:00-16:00	37	29	26	42	4	4	8	18	12	62	242	205
16:00-17:00	34	38	52	54	11	5	9	21	10	64	298	264
17:00-18:00	39	48	32	60	10	8	3	18	15	60	293	254
18:00-19:00	32	49	41	51	6	7	6	15	7	71	285	253
12h Total	430	364	368	631	65	46	61	224	141	984	3,314	2,884

Dir 2: To Nairobi

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	30	47	40	91	10	5	8	25	3	106	365	335
8:00-9:00	28	28	57	95	2	4	15	21	13	72	335	307
9:00-10:00	32	23	78	85	2	12	8	22	11	87	360	328
10:00-11:00	22	46	95	97	3	8	7	25	18	121	442	420
11:00-12:00	25	60	96	105	6	14	21	33	32	80	472	447
12:00-13:00	21	29	63	68	3	2	8	22	17	132	365	344
13:00-14:00	22	32	60	75	2	11	12	53	14	120	401	379
14:00-15:00	16	49	21	55	3	3	17	30	27	110	331	315
15:00-16:00	14	35	58	57	4	3	16	43	17	16	263	249
16:00-17:00	22	21	37	59	6	13	20	21	24	107	330	308
17:00-18:00	28	21	40	62	8	20	3	40	10	105	337	309
18:00-19:00	26	28	30	61	1	8	7	29	9	118	317	291
12h Total	286	419	675	910	50	103	142	364	195	1,174	4,318	4,032

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	81	72	63	167	20	15	13	53	11	209	704	623
8:00-9:00	68	43	79	141	8	8	18	51	28	202	646	578
9:00-10:00	75	39	99	143	5	15	12	37	24	186	635	560
10:00-11:00	47	64	118	137	6	8	11	39	29	225	684	637
11:00-12:00	64	84	122	157	8	15	24	46	46	148	714	650
12:00-13:00	58	61	93	115	5	3	13	46	31	204	629	571
13:00-14:00	37	71	98	123	4	13	19	67	22	205	659	622
14:00-15:00	54	80	55	112	9	4	21	44	41	176	596	542
15:00-16:00	51	64	84	99	8	7	24	61	29	78	505	454
16:00-17:00	56	59	89	113	17	18	29	42	34	171	628	572
17:00-18:00	67	69	72	122	18	28	6	58	25	165	630	563
18:00-19:00	58	77	71	112	7	15	13	44	16	189	602	544
12h Total	716	783	1,043	1,541	115	149	203	588	336	2,158	7,632	6,916

STATION 2: MIRITINI (SECTION COUNT)

1st day: Tuesday 21st June 2011

Dir 1: To Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	8	17	17	39	7	6	4	8	3	30	139	131
8:00-9:00	2	25	21	51	6	5	10	12	1	33	166	164
9:00-10:00	5	24	25	49	7	7	38	9	3	161	328	323
10:00-11:00	14	24	20	42	4	1	25	12	0	155	297	283
11:00-12:00	13	25	31	40	7	6	18	15	10	160	325	312
12:00-13:00	7	28	19	31	7	1	16	6	14	85	214	207
13:00-14:00	9	37	27	57	10	5	33	9	13	181	381	372
14:00-15:00	10	29	26	57	5	4	23	5	8	100	267	257
15:00-16:00	10	24	25	31	9	6	20	7	10	57	199	189
16:00-17:00	4	30	27	25	7	7	11	5	13	75	204	200
17:00-18:00	4	31	44	35	10	9	9	3	4	53	202	198
18:00-19:00	5	23	23	28	4	14	7	3	2	57	166	161
12h Total	91	317	305	485	83	71	214	94	81	1,147	2,888	2,797

Dir 2: To Nairobi

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	6	45	24	47	16	8	14	6	12	32	210	204
8:00-9:00	10	6	34	60	6	3	17	8	6	45	195	185
9:00-10:00	17	59	34	67	4	8	20	12	13	45	279	262
10:00-11:00	15	87	45	80	6	14	30	13	24	59	373	358
11:00-12:00	15	73	37	45	9	4	27	24	20	56	310	295
12:00-13:00	9	40	35	57	6	2	22	16	17	87	291	282
13:00-14:00	9	35	36	61	3	2	21	12	5	41	225	216
14:00-15:00	15	64	34	72	5	3	31	32	36	80	372	357
15:00-16:00	14	31	29	51	5	3	24	27	27	95	306	292
16:00-17:00	10	47	31	65	3	7	22	22	35	80	322	312
17:00-18:00	16	29	37	42	4	13	10	16	29	74	270	254
18:00-19:00	13	50	31	55	6	12	7	15	41	80	310	297
12h Total	149	566	407	702	73	79	245	203	265	774	3,463	3,314

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	14	62	41	86	23	14	18	14	15	62	349	335
8:00-9:00	12	31	55	111	12	8	27	20	7	78	361	349
9:00-10:00	22	83	59	116	11	15	58	21	16	206	607	585
10:00-11:00	29	111	65	122	10	15	55	25	24	214	670	641
11:00-12:00	28	98	68	85	16	10	45	39	30	216	635	607
12:00-13:00	16	68	54	88	13	3	38	22	31	172	505	489
13:00-14:00	18	72	63	118	13	7	54	21	18	222	606	588
14:00-15:00	25	93	60	129	10	7	54	37	44	180	639	614
15:00-16:00	24	55	54	82	14	9	44	34	37	152	505	481
16:00-17:00	14	77	58	90	10	14	33	27	48	155	526	512
17:00-18:00	20	60	81	77	14	22	19	19	33	127	472	452
18:00-19:00	18	73	54	83	10	26	14	18	43	137	476	458
12h Total	240	883	712	1,187	156	150	459	297	346	1,921	6,351	6,111

STATION 2: MIRITINI (SECTION COUNT)

2nd Day: Wednesday 22nd June 2011

Dir 1: To Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	9	33	20	58	5	15	15	9	3	86	253	244
8:00-9:00	10	24	30	50	5	7	27	15	12	130	310	300
9:00-10:00	6	20	19	59	4	5	19	11	18	101	262	256
10:00-11:00	6	22	18	46	3	1	13	10	15	100	234	228
11:00-12:00	8	26	32	40	11	3	13	4	12	100	249	241
12:00-13:00	8	35	24	42	5	5	19	5	18	80	241	233
13:00-14:00	7	41	30	36	7	3	9	6	8	76	223	216
14:00-15:00	10	35	31	37	16	5	20	6	21	81	262	252
15:00-16:00	14	41	35	46	4	7	12	6	16	69	250	236
16:00-17:00	4	46	49	47	6	7	18	18	15	70	280	276
17:00-18:00	11	58	51	57	10	14	12	12	17	66	308	297
18:00-19:00	7	28	18	38	3	7	7	7	7	63	185	178
12h Total	100	409	357	556	79	79	184	109	162	1,022	3,057	2,957

Dir 2: To Nairobi

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	5	45	42	83	11	6	16	9	12	64	293	288
8:00-9:00	6	41	50	86	6	1	41	10	12	33	286	280
9:00-10:00	11	41	61	55	6	6	27	8	11	51	277	266
10:00-11:00	11	58	59	60	3	7	13	18	17	85	331	320
11:00-12:00	9	54	58	54	7	10	25	19	14	99	349	340
12:00-13:00	12	67	55	49	7	2	23	25	20	96	356	344
13:00-14:00	6	41	34	51	2	6	18	27	14	115	314	308
14:00-15:00	7	51	23	58	4	11	20	26	15	105	320	313
15:00-16:00	14	63	50	55	5	5	21	32	31	148	424	410
16:00-17:00	12	29	34	58	3	10	20	15	17	139	337	325
17:00-18:00	6	19	15	34	5	7	5	15	10	108	224	218
18:00-19:00	4	13	10	38	5	7	5	8	6	135	231	227
12h Total	103	522	491	681	64	78	234	212	179	1,178	3,742	3,639

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	14	78	62	141	16	21	31	18	15	150	546	532
8:00-9:00	16	65	80	136	11	8	68	25	24	163	596	580
9:00-10:00	17	61	80	114	10	11	46	19	29	152	539	522
10:00-11:00	17	80	77	106	6	8	26	28	32	185	565	548
11:00-12:00	17	80	90	94	18	13	38	23	26	199	598	581
12:00-13:00	20	102	79	91	12	7	42	30	38	176	597	577
13:00-14:00	13	82	64	87	9	9	27	33	22	191	537	524
14:00-15:00	17	86	54	95	20	16	40	32	36	186	582	565
15:00-16:00	28	104	85	101	9	12	33	38	47	217	674	646
16:00-17:00	16	75	83	105	9	17	38	33	32	209	617	601
17:00-18:00	17	77	66	91	15	21	17	27	27	174	532	515
18:00-19:00	11	41	28	76	8	14	12	15	13	198	416	405
12h Total	203	931	848	1,237	143	157	418	321	341	2,200	6,799	6,596

STATION 3: NAIROBI Rd./ MAGONGO Rd. Jnc

1st day: Tuesday 21st June 2011

Dir 1: Nairobi to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	23	100	45	90	7	18	17	6	9	80	395	372
8:00-9:00	27	80	45	92	5	7	13	21	1	68	359	332
9:00-10:00	21	56	42	71	0	7	16	38	4	149	404	383
10:00-11:00	21	55	65	63	3	3	14	21	8	147	400	379
11:00-12:00	9	54	58	61	2	2	13	15	7	155	376	367
12:00-13:00	5	51	56	70	6	7	9	7	13	172	396	391
13:00-14:00	7	42	36	89	7	8	15	12	20	123	359	352
14:00-15:00	21	55	51	60	2	3	15	20	20	139	386	365
15:00-16:00	13	56	65	80	6	6	11	11	9	93	350	337
16:00-17:00	19	55	52	95	3	12	16	15	18	130	415	396
17:00-18:00	16	103	85	88	4	16	20	17	19	95	463	447
18:00-19:00	11	105	66	101	2	18	27	11	22	134	497	486
12h Total	193	812	666	960	47	107	186	194	150	1,485	4,800	4,607

Dir 2: Junction to Nairobi

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	40	80	62	105	10	28	16	15	11	38	405	365
8:00-9:00	34	75	95	85	2	13	22	13	8	65	412	378
9:00-10:00	27	35	91	75	2	13	21	10	7	74	355	328
10:00-11:00	18	59	80	69	5	15	15	15	11	75	362	344
11:00-12:00	32	40	79	55	1	9	26	19	6	65	332	300
12:00-13:00	29	35	85	52	3	5	11	21	23	100	364	335
13:00-14:00	17	32	60	80	0	10	10	26	13	95	343	326
14:00-15:00	21	45	70	75	4	6	22	30	30	100	403	382
15:00-16:00	29	36	71	65	4	7	19	25	15	110	381	352
16:00-17:00	32	29	50	65	5	5	7	25	16	110	344	312
17:00-18:00	38	55	80	100	3	21	14	46	20	120	497	459
18:00-19:00	55	65	80	100	4	10	3	18	14	130	479	424
12h Total	372	586	903	926	43	142	186	263	174	1,082	4,677	4,305

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	63	180	107	195	17	46	33	21	20	118	800	737
8:00-9:00	61	155	140	177	7	20	35	34	9	133	771	710
9:00-10:00	48	91	133	146	2	20	37	48	11	223	759	711
10:00-11:00	39	114	145	132	8	18	29	36	19	222	762	723
11:00-12:00	41	94	137	116	3	11	39	34	13	220	708	667
12:00-13:00	34	86	141	122	9	12	20	28	36	272	760	726
13:00-14:00	24	74	96	169	7	18	25	38	33	218	702	678
14:00-15:00	42	100	121	135	6	9	37	50	50	239	789	747
15:00-16:00	42	92	136	145	10	13	30	36	24	203	731	689
16:00-17:00	51	84	102	160	8	17	23	40	34	240	759	708
17:00-18:00	54	158	165	188	7	37	34	63	39	215	960	906
18:00-19:00	66	170	146	201	6	28	30	29	36	264	976	910
12h Total	565	1,398	1,569	1,886	90	249	372	457	324	2,567	9,477	8,912

Dir 3: Mombasa to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	35	58	42	53	15	18	20	12	35	8	296	261
8:00-9:00	36	50	34	50	16	6	13	17	28	11	261	225
9:00-10:00	38	55	46	45	8	12	13	18	50	2	287	249
10:00-11:00	35	55	45	52	12	16	22	15	60	3	315	280
11:00-12:00	42	99	47	84	7	10	38	50	113	0	490	448
12:00-13:00	43	50	36	60	6	20	37	34	85	2	373	330
13:00-14:00	35	85	27	58	10	11	18	32	91	0	367	332
14:00-15:00	22	32	10	40	3	5	12	23	86	0	233	211
15:00-16:00	13	35	37	45	3	5	12	33	100	0	283	270
16:00-17:00	58	62	38	73	13	22	18	33	21	114	452	394
17:00-18:00	18	39	31	89	6	13	18	20	8	132	374	356
18:00-19:00	12	50	11	70	20	28	27	39	28	55	340	328
12h Total	387	670	404	719	119	166	248	326	705	327	4,071	3,684

Dir 4: Junction to Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	20	25	15	45	10	15	6	11	10	21	178	158
8:00-9:00	34	45	38	73	6	10	15	21	5	47	294	260
9:00-10:00	22	28	18	75	1	6	12	18	8	95	283	261
10:00-11:00	33	26	29	50	3	5	8	19	10	85	268	235
11:00-12:00	45	40	38	74	2	5	10	15	10	105	344	299
12:00-13:00	31	40	30	74	2	12	15	12	16	100	332	301
13:00-14:00	20	55	33	80	1	6	9	15	19	100	338	318
14:00-15:00	25	28	30	59	0	3	15	15	18	100	293	268
15:00-16:00	27	46	45	80	5	9	14	13	8	105	352	325
16:00-17:00	30	36	31	69	0	11	11	10	14	89	301	271
17:00-18:00	26	85	47	85	6	12	20	16	10	55	362	336
18:00-19:00	28	75	45	75	6	18	12	15	9	52	335	307
12h Total	341	529	399	839	42	112	147	180	137	954	3,680	3,339

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	55	83	57	98	25	33	26	23	45	29	474	419
8:00-9:00	70	95	72	123	22	16	28	38	33	58	555	485
9:00-10:00	60	83	64	120	9	18	25	36	58	97	570	510
10:00-11:00	68	81	74	102	15	21	30	34	70	88	583	515
11:00-12:00	87	139	85	158	9	15	48	65	123	105	834	747
12:00-13:00	74	90	66	134	8	32	52	46	101	102	705	631
13:00-14:00	55	140	60	138	11	17	27	47	110	100	705	650
14:00-15:00	47	60	40	99	3	8	27	38	104	100	526	479
15:00-16:00	40	81	82	125	8	14	26	46	108	105	635	595
16:00-17:00	88	98	69	142	13	33	29	43	35	203	753	665
17:00-18:00	44	124	78	174	12	25	38	36	18	187	736	692
18:00-19:00	40	125	56	145	26	46	39	54	37	107	675	635
12h Total	728	1,199	803	1,558	161	278	395	506	842	1,281	7,751	7,023

Dir 5: Magongo Rd to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	50	50	30	15	0	2	32	35	42	65	321	271
8:00-9:00	65	70	42	7	1	0	46	31	50	62	374	309
9:00-10:00	62	52	45	5	11	0	38	50	60	70	393	331
10:00-11:00	60	60	54	12	0	0	27	47	60	68	388	328
11:00-12:00	60	60	61	5	0	0	40	50	60	62	398	338
12:00-13:00	58	60	45	6	2	0	46	48	60	70	395	337
13:00-14:00	60	53	62	6	0	1	63	53	60	65	423	363
14:00-15:00	53	32	35	8	0	0	6	10	30	65	239	186
15:00-16:00	45	40	28	2	1	1	18	20	26	38	219	174
16:00-17:00	76	50	47	0	0	1	20	38	19	60	311	235
17:00-18:00	60	40	35	1	0	0	8	10	17	47	218	158
18:00-19:00	60	60	50	0	0	1	10	5	10	70	266	206
12h Total	709	627	534	67	15	6	354	397	494	742	3,945	3,236

Dir 6: Junction to Magongo Rd

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	45	40	19	10	0	0	30	60	55	65	324	279
8:00-9:00	61	37	24	11	0	0	45	65	60	68	371	310
9:00-10:00	55	45	40	7	0	1	30	45	60	60	343	288
10:00-11:00	28	39	27	6	0	3	30	30	60	60	283	255
11:00-12:00	55	45	20	2	0	0	20	10	30	45	227	172
12:00-13:00	25	25	13	0	0	1	11	6	10	45	136	111
13:00-14:00	30	20	20	2	0	1	15	20	25	45	178	148
14:00-15:00	40	35	20	2	0	0	50	60	30	70	307	267
15:00-16:00	37	40	20	3	2	1	9	10	15	51	188	151
16:00-17:00	40	45	21	2	0	0	20	30	30	30	218	178
17:00-18:00	36	59	17	3	0	4	21	11	20	56	227	191
18:00-19:00	65	60	25	9	1	2	11	11	17	63	264	199
12h Total	517	490	266	57	3	13	292	358	412	658	3,066	2,549

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	95	90	49	25	0	2	62	95	97	130	645	550
8:00-9:00	126	107	66	18	1	0	91	96	110	130	745	619
9:00-10:00	117	97	85	12	11	1	68	95	120	130	736	619
10:00-11:00	88	99	81	18	0	3	57	77	120	128	671	583
11:00-12:00	115	105	81	7	0	0	60	60	90	107	625	510
12:00-13:00	83	85	58	6	2	1	57	54	70	115	531	448
13:00-14:00	90	73	82	8	0	2	78	73	85	110	601	511
14:00-15:00	93	67	55	10	0	0	56	70	60	135	546	453
15:00-16:00	82	80	48	5	3	2	27	30	41	89	407	325
16:00-17:00	116	95	68	2	0	1	40	68	49	90	529	413
17:00-18:00	96	99	52	4	0	4	29	21	37	103	445	349
18:00-19:00	125	120	75	9	1	3	21	16	27	133	530	405
12h Total	1,226	1,117	800	124	18	19	646	755	906	1,400	7,011	5,785

STATION 3: NAIROBI Rd./ MAGONGO Rd. Jnc

2nd day: Wednesday 22nd June 2011

Dir 1: Nairobi to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	37	120	48	103	3	21	6	24	11	94	467	430
8:00-9:00	27	79	50	92	4	5	17	39	19	151	483	456
9:00-10:00	27	58	39	90	3	7	13	19	20	149	425	398
10:00-11:00	14	56	34	74	2	2	12	18	22	143	377	363
11:00-12:00	20	40	50	62	2	4	13	13	14	116	334	314
12:00-13:00	20	70	52	68	1	3	13	21	19	110	377	357
13:00-14:00	48	109	96	93	2	5	10	26	15	155	559	511
14:00-15:00	26	74	41	69	1	4	4	4	11	115	349	323
15:00-16:00	30	70	60	71	3	8	14	20	19	81	376	346
16:00-17:00	24	101	75	84	6	9	21	25	14	115	474	450
17:00-18:00	47	116	90	110	3	17	27	8	11	147	576	529
18:00-19:00	27	115	60	95	2	15	10	11	14	86	435	408
12h Total	347	1,008	695	1,011	32	100	160	228	189	1,462	5,232	4,885

Dir 2: Junction to Nairobi

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	64	61	85	117	8	25	8	22	12	70	472	408
8:00-9:00	42	48	91	102	3	8	22	29	14	49	408	366
9:00-10:00	34	55	117	96	7	6	3	23	16	105	462	428
10:00-11:00	26	58	111	93	1	15	10	15	30	106	465	439
11:00-12:00	32	58	108	76	6	8	16	27	34	96	461	429
12:00-13:00	26	41	90	83	1	2	9	35	20	103	410	384
13:00-14:00	38	62	92	86	2	7	15	47	45	111	505	467
14:00-15:00	52	51	90	86	4	4	5	32	46	115	485	433
15:00-16:00	32	57	107	102	2	10	3	58	28	146	545	513
16:00-17:00	66	47	96	82	2	16	3	37	30	123	502	436
17:00-18:00	63	84	112	128	4	17	3	47	10	117	585	522
18:00-19:00	55	73	108	108	2	16	12	26	27	117	544	489
12h Total	530	695	1,207	1,159	42	134	109	398	312	1,258	5,844	5,314

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	101	181	133	220	11	46	14	46	23	164	939	838
8:00-9:00	69	127	141	194	7	13	39	68	33	200	891	822
9:00-10:00	61	113	156	186	10	13	16	42	36	254	887	826
10:00-11:00	40	114	145	167	3	17	22	33	52	249	842	802
11:00-12:00	52	98	158	138	8	12	29	40	48	212	795	743
12:00-13:00	46	111	142	151	2	5	22	56	39	213	787	741
13:00-14:00	86	171	188	179	4	12	25	73	60	266	1,064	978
14:00-15:00	78	125	131	155	5	8	9	36	57	230	834	756
15:00-16:00	62	127	167	173	5	18	17	78	47	227	921	859
16:00-17:00	90	148	171	166	8	25	24	62	44	238	976	886
17:00-18:00	110	200	202	238	7	34	30	55	21	264	1,161	1,051
18:00-19:00	82	188	168	203	4	31	22	37	41	203	979	897
12h Total	877	1,703	1,902	2,170	74	234	269	626	501	2,720	11,076	10,199

Dir 3: Mombasa to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	83	115	60	108	19	18	33	17	15	76	544	461
8:00-9:00	61	86	63	78	13	13	26	28	18	71	457	396
9:00-10:00	61	97	57	103	23	15	32	33	35	142	598	537
10:00-11:00	60	110	42	101	26	30	28	57	48	125	627	567
11:00-12:00	30	60	33	98	33	15	25	15	25	120	454	424
12:00-13:00	30	75	58	101	8	9	14	31	20	115	461	431
13:00-14:00	71	67	17	102	27	15	31	32	37	140	539	468
14:00-15:00	52	107	90	130	69	27	32	50	50	140	747	695
15:00-16:00	45	110	41	102	32	12	21	52	52	160	627	582
16:00-17:00	86	100	46	113	28	43	40	75	45	130	706	620
17:00-18:00	52	80	48	88	20	52	16	35	23	122	536	484
18:00-19:00	58	43	55	80	32	23	28	32	30	110	491	433
12h Total	689	1,050	610	1,204	330	272	326	457	398	1,451	6,787	6,098

Dir 4: Junction to Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	44	55	25	100	3	16	6	18	7	70	344	300
8:00-9:00	26	43	22	80	4	6	11	23	16	85	316	290
9:00-10:00	25	35	35	80	3	8	21	20	17	90	334	309
10:00-11:00	31	36	27	65	1	0	8	13	17	84	282	251
11:00-12:00	25	44	32	70	2	3	12	14	9	90	301	276
12:00-13:00	35	38	37	70	1	3	11	16	15	74	300	265
13:00-14:00	45	40	26	75	1	3	11	19	13	80	313	268
14:00-15:00	37	51	36	76	2	2	13	17	12	60	306	269
15:00-16:00	48	64	43	71	5	4	9	10	19	50	323	275
16:00-17:00	23	64	36	74	3	3	16	15	10	59	303	280
17:00-18:00	40	78	63	85	10	17	12	12	11	53	381	341
18:00-19:00	40	60	50	80	1	13	8	16	9	50	327	287
12h Total	419	608	432	926	36	78	138	193	155	845	3,830	3,411

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	127	170	85	208	22	34	39	35	22	146	888	761
8:00-9:00	87	129	85	158	17	19	37	51	34	156	773	686
9:00-10:00	86	132	92	183	26	23	53	53	52	232	932	846
10:00-11:00	91	146	69	166	27	30	36	70	65	209	909	818
11:00-12:00	55	104	65	168	35	18	37	29	34	210	755	700
12:00-13:00	65	113	95	171	9	12	25	47	35	189	761	696
13:00-14:00	116	107	43	177	28	18	42	51	50	220	852	736
14:00-15:00	89	158	126	206	71	29	45	67	62	200	1,053	964
15:00-16:00	93	174	84	173	37	16	30	62	71	210	950	857
16:00-17:00	109	164	82	187	31	46	56	90	55	189	1,009	900
17:00-18:00	92	158	111	173	30	69	28	47	34	175	917	825
18:00-19:00	98	103	105	160	33	36	36	48	39	160	818	720
12h Total	1,108	1,658	1,042	2,130	366	350	464	650	553	2,296	10,617	9,509

Dir 5: Magongo Rd to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	110	102	25	1	0	2	7	12	7	40	306	196
8:00-9:00	78	60	23	0	1	1	10	5	2	65	245	167
9:00-10:00	75	57	27	0	0	2	18	2	1	68	250	175
10:00-11:00	87	50	20	1	0	1	20	3	7	71	260	173
11:00-12:00	53	48	32	1	0	0	26	7	6	65	238	185
12:00-13:00	56	50	42	1	0	1	18	2	6	50	226	170
13:00-14:00	70	72	45	0	0	2	16	5	6	65	281	211
14:00-15:00	85	65	23	1	0	2	12	8	7	66	269	184
15:00-16:00	92	63	16	1	0	5	28	10	8	76	299	207
16:00-17:00	78	57	45	1	0	0	8	13	12	55	269	191
17:00-18:00	101	57	38	0	1	1	17	13	21	67	316	215
18:00-19:00	86	45	25	0	0	0	15	10	15	73	269	183
12h Total	971	726	361	7	2	17	195	90	98	761	3,228	2,257

Dir 6: Junction to Magongo Rd

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	60	26	12	9	1	0	11	2	5	20	146	86
8:00-9:00	60	60	19	5	1	1	30	15	10	35	236	176
9:00-10:00	51	37	24	3	2	0	8	5	5	40	175	124
10:00-11:00	50	57	34	2	0	2	11	4	16	53	229	179
11:00-12:00	47	27	28	3	1	0	18	5	9	49	187	140
12:00-13:00	55	48	30	7	0	1	21	4	5	28	199	144
13:00-14:00	45	32	25	5	0	2	33	15	15	45	217	172
14:00-15:00	35	45	32	7	0	1	25	15	30	35	225	190
15:00-16:00	67	58	47	3	1	1	26	11	10	40	264	197
16:00-17:00	60	60	38	4	0	1	25	17	15	65	285	225
17:00-18:00	61	45	49	3	4	2	20	9	26	62	281	220
18:00-19:00	90	75	85	6	0	7	25	25	30	100	443	353
12h Total	681	570	423	57	10	18	253	127	176	572	2,887	2,206

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	170	128	37	10	1	2	18	14	12	60	452	282
8:00-9:00	138	120	42	5	2	2	40	20	12	100	481	343
9:00-10:00	126	94	51	3	2	2	26	7	6	108	425	299
10:00-11:00	137	107	54	3	0	3	31	7	23	124	489	352
11:00-12:00	100	75	60	4	1	0	44	12	15	114	425	325
12:00-13:00	111	98	72	8	0	2	39	6	11	78	425	314
13:00-14:00	115	104	70	5	0	4	49	20	21	110	498	383
14:00-15:00	120	110	55	8	0	3	37	23	37	101	494	374
15:00-16:00	159	121	63	4	1	6	54	21	18	116	563	404
16:00-17:00	138	117	83	5	0	1	33	30	27	120	554	416
17:00-18:00	162	102	87	3	5	3	37	22	47	129	597	435
18:00-19:00	176	120	110	6	0	7	40	35	45	173	712	536
12h Total	1,652	1,296	784	64	12	35	448	217	274	1,333	6,115	4,463

STATION 4: BARACK OBAMA Rd/ PORT REITZ Rd Jnc

1st day: Tuesday 21st June 2011

Dir 1: Airport to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	54	77	30	38	5	4	3	6	0	8	225	171
8:00-9:00	65	103	50	66	2	0	4	5	1	20	316	251
9:00-10:00	48	111	64	52	1	0	6	5	0	20	307	259
10:00-11:00	32	82	63	47	2	0	7	10	3	20	266	234
11:00-12:00	31	74	45	39	3	1	2	5	2	33	235	204
12:00-13:00	52	141	73	48	1	2	4	7	1	22	351	299
13:00-14:00	36	96	53	63	0	0	3	8	2	29	290	254
14:00-15:00	41	68	52	47	0	0	3	11	3	21	246	205
15:00-16:00	36	99	65	57	1	1	5	12	1	18	295	259
16:00-17:00	53	129	85	58	3	0	3	9	4	14	358	305
17:00-18:00	48	118	63	41	5	2	4	3	0	28	312	264
18:00-19:00	63	109	70	53	2	1	5	2	0	17	322	259
12h Total	559	1,207	713	609	25	11	49	83	17	250	3,523	2,964

Dir 2: Junction to Airport

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	21	95	27	47	7	0	5	3	1	7	213	192
8:00-9:00	28	131	62	64	6	0	6	3	0	8	308	280
9:00-10:00	17	89	53	87	3	0	6	4	2	17	278	261
10:00-11:00	18	66	49	39	2	0	5	3	2	21	205	187
11:00-12:00	30	83	29	50	1	0	1	6	0	30	230	200
12:00-13:00	37	110	56	89	1	0	4	4	1	16	318	281
13:00-14:00	24	75	43	35	2	0	7	3	9	18	216	192
14:00-15:00	20	63	48	56	1	1	6	5	2	15	217	197
15:00-16:00	29	86	48	43	2	0	8	3	5	15	239	210
16:00-17:00	39	105	62	52	1	1	3	7	4	18	292	253
17:00-18:00	49	104	74	44	4	1	1	6	2	29	314	265
18:00-19:00	65	100	58	67	1	4	2	2	4	22	325	260
12h Total	377	1,107	609	673	31	7	54	49	32	216	3,155	2,778

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	75	172	57	85	12	4	8	9	1	15	438	363
8:00-9:00	93	234	112	130	8	0	10	8	1	28	624	531
9:00-10:00	65	200	117	139	4	0	12	9	2	37	585	520
10:00-11:00	50	148	112	86	4	0	12	13	5	41	471	421
11:00-12:00	61	157	74	89	4	1	3	11	2	63	465	404
12:00-13:00	89	251	129	137	2	2	8	11	2	38	669	580
13:00-14:00	60	171	96	98	2	0	10	11	11	47	506	446
14:00-15:00	61	131	100	103	1	1	9	16	5	36	463	402
15:00-16:00	65	185	113	100	3	1	13	15	6	33	534	469
16:00-17:00	92	234	147	110	4	1	6	16	8	32	650	558
17:00-18:00	97	222	137	85	9	3	5	9	2	57	626	529
18:00-19:00	128	209	128	120	3	5	7	4	4	39	647	519
12h Total	936	2,314	1,322	1,282	56	18	103	132	49	466	6,678	5,742

Dir 3: Mombasa to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	23	124	39	72	7	2	8	3	3	19	300	277
8:00-9:00	30	134	102	86	3	2	5	6	12	15	395	365
9:00-10:00	57	154	73	86	4	0	5	12	22	28	441	384
10:00-11:00	39	96	61	45	2	1	4	11	21	32	312	273
11:00-12:00	70	127	63	59	1	0	5	8	20	61	414	344
12:00-13:00	61	133	65	57	3	0	9	11	8	31	378	317
13:00-14:00	50	120	85	65	0	0	0	10	7	45	382	332
14:00-15:00	29	97	75	53	2	0	4	6	13	32	311	282
15:00-16:00	55	83	101	51	4	3	9	9	10	40	365	310
16:00-17:00	67	107	87	53	4	2	2	8	8	54	392	325
17:00-18:00	81	79	77	61	3	2	4	9	19	39	374	293
18:00-19:00	72	85	40	63	1	2	3	3	16	38	323	251
12h Total	634	1,339	868	751	34	14	58	96	159	434	4,387	3,753

Dir 4: Junction to Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	21	95	27	47	7	0	5	3	1	7	213	192
8:00-9:00	28	131	62	64	6	0	6	3	0	8	308	280
9:00-10:00	17	89	53	87	3	0	6	4	2	17	278	261
10:00-11:00	18	66	49	39	2	0	5	3	2	21	205	187
11:00-12:00	30	83	29	50	1	0	1	6	0	30	230	200
12:00-13:00	37	110	56	89	1	0	4	4	1	16	318	281
13:00-14:00	24	75	43	35	2	0	7	3	9	18	216	192
14:00-15:00	23	69	48	56	2	1	6	5	7	15	232	209
15:00-16:00	33	86	68	43	2	3	8	7	5	31	286	253
16:00-17:00	39	105	62	52	1	1	3	7	4	18	292	253
17:00-18:00	49	104	74	44	4	1	1	6	2	29	314	265
18:00-19:00	65	100	58	67	1	4	2	2	4	22	325	260
12h Total	384	1,113	629	673	32	10	54	53	37	232	3,217	2,833

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	44	219	66	119	14	2	13	6	4	26	513	469
8:00-9:00	58	265	164	150	9	2	11	9	12	23	703	645
9:00-10:00	74	243	126	173	7	0	11	16	24	45	719	645
10:00-11:00	57	162	110	84	4	1	9	14	23	53	517	460
11:00-12:00	100	210	92	109	2	0	6	14	20	91	644	544
12:00-13:00	98	243	121	146	4	0	13	15	9	47	696	598
13:00-14:00	74	195	128	100	2	0	7	13	16	63	598	524
14:00-15:00	52	166	123	109	4	1	10	11	20	47	543	491
15:00-16:00	88	169	169	94	6	6	17	16	15	71	651	563
16:00-17:00	106	212	149	105	5	3	5	15	12	72	684	578
17:00-18:00	130	183	151	105	7	3	5	15	21	68	688	558
18:00-19:00	137	185	98	130	2	6	5	5	20	60	648	511
12h Total	1,018	2,452	1,497	1,424	66	24	112	149	196	666	7,604	6,586

Dir 5: Port Reitz to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	33	37	23	13	1	0	0	5	1	15	128	95
8:00-9:00	56	42	40	17	0	1	1	9	5	36	207	151
9:00-10:00	60	41	48	10	2	2	3	11	7	86	270	210
10:00-11:00	40	36	62	7	0	0	1	14	8	85	253	213
11:00-12:00	44	56	44	9	2	0	1	3	4	75	238	194
12:00-13:00	49	52	66	9	2	2	3	13	2	82	280	231
13:00-14:00	45	55	35	8	1	1	6	6	9	44	210	165
14:00-15:00	44	37	41	8	0	1	0	0	2	54	187	143
15:00-16:00	44	56	60	10	1	2	3	3	5	77	261	217
16:00-17:00	56	67	46	9	0	2	2	2	5	53	242	186
17:00-18:00	52	63	59	9	2	2	0	0	2	87	276	224
18:00-19:00	43	45	49	9	3	0	0	0	2	47	198	155
12h Total	566	587	573	118	14	13	20	66	52	741	2,750	2,184

Dir 6: Junction to Port Reitz

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	29	30	19	14	2	2	1	5	4	25	131	102
8:00-9:00	54	52	58	23	0	3	5	2	1	38	236	182
9:00-10:00	53	56	55	13	2	0	6	6	4	53	248	195
10:00-11:00	47	41	58	12	0	1	7	6	9	79	260	213
11:00-12:00	48	64	55	11	0	0	8	5	7	90	288	240
12:00-13:00	48	47	56	9	1	0	9	3	7	51	231	183
13:00-14:00	42	42	35	10	0	0	12	4	4	67	216	174
14:00-15:00	41	51	50	6	0	0	8	9	5	52	222	181
15:00-16:00	49	53	67	7	2	1	10	9	7	48	253	204
16:00-17:00	54	48	64	5	1	2	12	1	8	51	246	192
17:00-18:00	50	41	44	6	3	3	10	3	7	53	220	170
18:00-19:00	49	33	38	8	0	0	2	2	7	40	179	130
12h Total	564	558	599	124	11	12	90	55	70	647	2,730	2,166

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	62	67	42	27	3	2	1	10	5	40	259	197
8:00-9:00	110	94	98	40	0	4	6	11	6	74	443	333
9:00-10:00	113	97	103	23	4	2	9	17	11	139	518	405
10:00-11:00	87	77	120	19	0	1	8	20	17	164	513	426
11:00-12:00	92	120	99	20	2	0	9	8	11	165	526	434
12:00-13:00	97	99	122	18	3	2	12	16	9	133	511	414
13:00-14:00	87	97	70	18	1	1	18	10	13	111	426	339
14:00-15:00	85	88	91	14	0	1	8	9	7	106	409	324
15:00-16:00	93	109	127	17	3	3	13	12	12	125	514	421
16:00-17:00	110	115	110	14	1	4	14	3	13	104	488	378
17:00-18:00	102	104	103	15	5	5	10	3	9	140	496	394
18:00-19:00	92	78	87	17	3	0	2	2	9	87	377	285
12h Total	1,130	1,145	1,172	242	25	25	110	121	122	1,388	5,480	4,350

STATION 4: BARACK OBAMA Rd/ PORT REITZ Rd Jnc

2nd day: Wednesday 22nd June 2011

Dir 1: Airport to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	51	81	33	59	6	2	3	4	0	16	255	204
8:00-9:00	67	86	50	48	2	1	5	6	1	19	285	218
9:00-10:00	54	128	71	35	5	1	7	8	2	18	329	275
10:00-11:00	58	76	75	39	7	8	6	6	4	20	299	241
11:00-12:00	48	110	71	39	2	5	7	2	2	41	327	279
12:00-13:00	41	108	63	41	1	4	1	12	0	26	297	256
13:00-14:00	47	77	35	67	2	0	2	5	3	23	261	214
14:00-15:00	41	82	62	50	2	0	3	5	2	13	260	219
15:00-16:00	39	77	53	53	0	1	5	10	0	33	271	232
16:00-17:00	64	112	83	66	1	1	2	5	4	34	372	308
17:00-18:00	52	124	68	60	6	1	2	11	4	23	351	299
18:00-19:00	63	83	71	68	3	2	4	5	1	21	321	258
12h Total	625	1,144	735	625	37	26	47	79	23	287	3,628	3,003

Dir 2: Junction to Airport

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	25	33	21	12	3	3	6	1	8	25	137	112
8:00-9:00	22	36	40	10	0	1	2	5	5	45	166	144
9:00-10:00	40	47	67	13	0	2	3	9	2	49	232	192
10:00-11:00	55	47	40	10	0	0	3	17	5	75	252	197
11:00-12:00	47	50	73	11	0	0	3	11	3	95	293	246
12:00-13:00	40	43	36	8	0	0	1	13	2	60	203	163
13:00-14:00	40	36	33	7	3	0	0	9	9	54	191	151
14:00-15:00	60	57	55	8	0	0	2	8	7	36	233	173
15:00-16:00	52	62	45	2	2	1	5	8	5	66	248	196
16:00-17:00	51	42	47	5	4	3	1	14	9	69	245	194
17:00-18:00	41	36	42	6	15	0	1	10	10	60	221	180
18:00-19:00	48	44	39	4	4	1	1	10	3	48	202	154
12h Total	521	533	538	96	31	11	28	115	68	682	2,623	2,102

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	76	114	54	71	9	5	9	5	8	41	392	316
8:00-9:00	89	122	90	58	2	2	7	11	6	64	451	362
9:00-10:00	94	175	138	48	5	3	10	17	4	67	561	467
10:00-11:00	113	123	115	49	7	8	9	23	9	95	551	438
11:00-12:00	95	160	144	50	2	5	10	13	5	136	620	525
12:00-13:00	81	151	99	49	1	4	2	25	2	86	500	419
13:00-14:00	87	113	68	74	5	0	2	14	12	77	452	365
14:00-15:00	101	139	117	58	2	0	5	13	9	49	493	392
15:00-16:00	91	139	98	55	2	2	10	18	5	99	519	428
16:00-17:00	115	154	130	71	5	4	3	19	13	103	617	502
17:00-18:00	93	160	110	66	21	1	3	21	14	83	572	479
18:00-19:00	111	127	110	72	7	3	5	15	4	69	523	412
12h Total	1,146	1,677	1,273	721	68	37	75	194	91	969	6,251	5,105

Dir 3: Mombasa to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	54	110	68	100	11	3	6	8	10	13	383	329
8:00-9:00	51	135	109	69	8	9	4	13	21	23	442	391
9:00-10:00	62	126	101	64	2	5	4	7	16	32	419	357
10:00-11:00	80	130	89	56	1	0	14	9	18	45	442	362
11:00-12:00	64	108	110	48	1	0	8	12	21	43	415	351
12:00-13:00	60	110	97	57	0	0	5	9	10	40	388	328
13:00-14:00	77	109	72	92	1	3	2	19	15	69	459	382
14:00-15:00	79	114	80	64	0	0	7	5	11	25	385	306
15:00-16:00	72	107	100	51	0	1	4	5	15	45	400	328
16:00-17:00	73	115	80	60	4	3	9	11	11	46	412	339
17:00-18:00	72	118	95	84	13	5	2	6	10	60	465	393
18:00-19:00	65	66	51	51	5	0	2	3	7	27	277	212
12h Total	809	1,348	1,052	796	46	29	67	107	165	468	4,887	4,078

Dir 4: Junction to Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	60	104	44	77	6	1	3	3	5	20	323	263
8:00-9:00	72	104	57	66	3	0	7	7	6	32	354	282
9:00-10:00	57	124	83	65	4	4	11	9	6	46	409	352
10:00-11:00	76	100	80	84	8	8	11	5	4	63	439	363
11:00-12:00	70	141	81	65	3	5	8	5	6	54	438	368
12:00-13:00	55	130	116	55	4	2	3	7	8	46	426	371
13:00-14:00	56	99	83	82	1	2	1	12	6	61	403	347
14:00-15:00	69	105	71	67	3	1	5	8	3	57	389	320
15:00-16:00	66	99	65	65	2	1	6	4	5	48	361	295
16:00-17:00	70	120	82	97	1	1	11	2	4	77	465	395
17:00-18:00	73	133	100	89	7	3	11	2	7	67	492	419
18:00-19:00	48	96	68	72	2	1	3	4	2	57	353	305
12h Total	772	1,355	930	884	44	29	80	68	62	628	4,852	4,080

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	114	214	112	177	17	4	9	11	15	33	706	592
8:00-9:00	123	239	166	135	11	9	11	20	27	55	796	673
9:00-10:00	119	250	184	129	6	9	15	16	22	78	828	709
10:00-11:00	156	230	169	140	9	8	25	14	22	108	881	725
11:00-12:00	134	249	191	113	4	5	16	17	27	97	853	719
12:00-13:00	115	240	213	112	4	2	8	16	18	86	814	699
13:00-14:00	133	208	155	174	2	5	3	31	21	130	862	729
14:00-15:00	148	219	151	131	3	1	12	13	14	82	774	626
15:00-16:00	138	206	165	116	2	2	10	9	20	93	761	623
16:00-17:00	143	235	162	157	5	4	20	13	15	123	877	734
17:00-18:00	145	251	195	173	20	8	13	8	17	127	957	812
18:00-19:00	113	162	119	123	7	1	5	7	9	84	630	517
12h Total	1,581	2,703	1,982	1,680	90	58	147	175	227	1,096	9,739	8,158

Dir 5: Port Reitz to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	38	40	30	12	0	2	2	7	1	20	152	114
8:00-9:00	43	40	31	11	2	0	1	9	4	33	174	131
9:00-10:00	62	43	51	12	2	2	1	15	3	59	250	188
10:00-11:00	52	30	55	7	0	0	4	8	3	75	234	182
11:00-12:00	50	58	53	9	2	1	3	8	7	79	270	220
12:00-13:00	60	66	77	8	1	1	5	5	3	69	295	235
13:00-14:00	40	45	26	8	1	1	6	3	12	63	205	165
14:00-15:00	46	38	37	4	1	2	4	7	7	76	222	176
15:00-16:00	56	59	58	9	1	1	5	5	6	64	264	208
16:00-17:00	52	64	54	5	1	1	9	7	6	86	285	233
17:00-18:00	46	56	35	6	2	2	7	2	2	70	228	182
18:00-19:00	46	52	45	7	2	1	1	3	3	65	225	179
12h Total	591	591	552	98	15	14	48	79	57	759	2,804	2,213

Dir 6: Junction to Port Reitz

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	45	92	47	72	9	1	6	6	1	5	284	239
8:00-9:00	54	130	95	64	10	7	4	11	1	3	379	325
9:00-10:00	62	88	66	51	4	4	2	14	3	14	308	246
10:00-11:00	61	99	69	48	1	0	4	6	4	21	313	252
11:00-12:00	55	82	68	46	2	0	1	10	7	24	295	240
12:00-13:00	60	104	79	56	0	0	3	6	3	29	340	280
13:00-14:00	42	73	43	64	2	0	4	6	0	35	269	227
14:00-15:00	41	85	50	55	0	0	2	10	3	20	266	225
15:00-16:00	54	86	59	62	0	0	1	8	4	20	294	240
16:00-17:00	51	105	75	66	4	0	4	14	6	26	351	300
17:00-18:00	54	84	60	64	7	0	0	4	1	30	304	250
18:00-19:00	54	88	40	58	5	2	1	3	2	15	268	214
12h Total	633	1,116	751	706	44	14	32	98	35	242	3,671	3,038

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	83	132	77	84	9	3	8	13	2	25	436	353
8:00-9:00	97	170	126	75	12	7	5	20	5	36	553	456
9:00-10:00	124	131	117	63	6	6	3	29	6	73	558	434
10:00-11:00	113	129	124	55	1	0	8	14	7	96	547	434
11:00-12:00	105	140	121	55	4	1	4	18	14	103	565	460
12:00-13:00	120	170	156	64	1	1	8	11	6	98	635	515
13:00-14:00	82	118	69	72	3	1	10	9	12	98	474	392
14:00-15:00	87	123	87	59	1	2	6	17	10	96	488	401
15:00-16:00	110	145	117	71	1	1	6	13	10	84	558	448
16:00-17:00	103	169	129	71	5	1	13	21	12	112	636	533
17:00-18:00	100	140	95	70	9	2	7	6	3	100	532	432
18:00-19:00	100	140	85	65	7	3	2	6	5	80	493	393
12h Total	1,224	1,707	1,303	804	59	28	80	177	92	1,001	6,475	5,251

STATION 5: MAGONGO Rd / BARACK OBAMA Rd Jnc

1st day: Thursday June 23rd 2011

Dir 1: Magongo to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	51	86	30	112	0	1	10	4	1	24	319	268
8:00-9:00	88	96	31	143	4	2	12	14	0	36	426	338
9:00-10:00	105	90	50	125	1	1	14	15	7	33	441	336
10:00-11:00	64	103	49	121	1	0	13	15	5	34	405	341
11:00-12:00	62	115	62	88	0	0	14	9	6	40	396	334
12:00-13:00	64	112	55	95	0	0	8	21	0	39	394	330
13:00-14:00	89	106	67	105	0	0	6	18	3	36	430	341
14:00-15:00	76	106	77	104	1	0	5	16	5	18	408	332
15:00-16:00	73	74	82	101	4	1	8	16	3	26	388	315
16:00-17:00	83	94	55	104	4	0	3	13	6	17	379	296
17:00-18:00	50	101	75	85	5	1	6	11	4	38	376	326
18:00-19:00	105	91	95	125	4	1	3	15	6	30	475	370
12h Total	910	1,174	728	1,308	24	7	102	167	46	371	4,837	3,927

Dir 2: Junction to Magongo

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	45	34	28	104	2	1	5	4	1	7	231	186
8:00-9:00	56	78	42	138	6	2	5	14	3	18	362	306
9:00-10:00	69	93	59	119	0	1	10	15	4	30	400	331
10:00-11:00	57	89	56	129	0	3	6	31	5	20	396	339
11:00-12:00	62	73	53	85	1	0	4	24	4	22	328	266
12:00-13:00	57	71	51	91	0	0	4	16	6	28	324	267
13:00-14:00	77	90	51	100	2	2	13	18	7	46	406	329
14:00-15:00	76	94	67	103	0	0	15	19	12	49	435	359
15:00-16:00	71	66	60	92	0	0	5	17	8	45	364	293
16:00-17:00	82	77	44	129	0	0	3	16	6	48	405	323
17:00-18:00	92	76	40	77	2	2	7	11	3	32	342	250
18:00-19:00	113	74	41	111	1	1	0	6	2	21	370	257
12h Total	857	915	592	1,278	14	12	77	191	61	366	4,363	3,506

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	96	120	58	216	2	2	15	8	2	31	550	454
8:00-9:00	144	174	73	281	10	4	17	28	3	54	788	644
9:00-10:00	174	183	109	244	1	2	24	30	11	63	841	667
10:00-11:00	121	192	105	250	1	3	19	46	10	54	801	680
11:00-12:00	124	188	115	173	1	0	18	33	10	62	724	600
12:00-13:00	121	183	106	186	0	0	12	37	6	67	718	597
13:00-14:00	166	196	118	205	2	2	19	36	10	82	836	670
14:00-15:00	152	200	144	207	1	0	20	35	17	67	843	691
15:00-16:00	144	140	142	193	4	1	13	33	11	71	752	608
16:00-17:00	165	171	99	233	4	0	6	29	12	65	784	619
17:00-18:00	142	177	115	162	7	3	13	22	7	70	718	576
18:00-19:00	218	165	136	236	5	2	3	21	8	51	845	627
12h Total	1,767	2,089	1,320	2,586	38	19	179	358	107	737	9,200	7,433

Dir 3: Mombasa to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	68	165	80	150	10	4	15	2	0	22	516	448
8:00-9:00	52	190	87	180	10	6	30	2	1	40	598	546
9:00-10:00	66	140	123	180	8	2	29	1	6	45	600	534
10:00-11:00	105	0	0	165	0	1	9	0	0	0	280	175
11:00-12:00	111	0	0	137	1	0	2	0	0	0	251	140
12:00-13:00	100	0	0	150	2	0	3	0	0	0	255	155
13:00-14:00	96	40	40	160	4	2	4	0	0	0	346	250
14:00-15:00	90	40	40	155	1	1	3	0	0	0	330	240
15:00-16:00	107	35	0	185	3	3	6	0	0	0	339	232
16:00-17:00	140	40	30	175	3	4	0	27	7	40	466	326
17:00-18:00	140	39	30	162	7	2	2	0	0	18	400	260
18:00-19:00	140	67	48	200	5	3	0	0	0	0	463	323
12h Total	1,215	756	478	1,999	54	28	103	32	14	165	4,844	3,629

Dir 4: Junction to Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	151	225	121	160	4	6	1	19	4	37	728	577
8:00-9:00	140	235	145	140	2	4	4	17	6	50	743	603
9:00-10:00	91	215	207	140	3	4	3	36	2	77	778	687
10:00-11:00	74	191	162	136	9	9	1	25	2	72	681	607
11:00-12:00	86	200	195	132	1	11	7	38	10	92	772	686
12:00-13:00	114	195	190	140	2	2	4	37	4	70	758	644
13:00-14:00	82	182	150	160	1	2	4	24	4	95	704	622
14:00-15:00	117	175	125	140	2	1	5	35	8	90	698	581
15:00-16:00	92	178	158	129	7	1	2	26	12	70	675	583
16:00-17:00	119	170	160	140	4	4	4	24	16	78	719	600
17:00-18:00	104	195	151	140	7	9	5	21	6	76	714	610
18:00-19:00	155	146	118	130	5	9	1	26	7	84	681	526
12h Total	1,325	2,307	1,882	1,687	47	62	41	328	81	891	8,651	7,326

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	219	390	201	310	14	10	16	21	4	59	1,244	1,025
8:00-9:00	192	425	232	320	12	10	34	19	7	90	1,341	1,149
9:00-10:00	157	355	330	320	11	6	32	37	8	122	1,378	1,221
10:00-11:00	179	191	162	301	9	10	10	25	2	72	961	782
11:00-12:00	197	200	195	269	2	11	9	38	10	92	1,023	826
12:00-13:00	214	195	190	290	4	2	7	37	4	70	1,013	799
13:00-14:00	178	222	190	320	5	4	8	24	4	95	1,050	872
14:00-15:00	207	215	165	295	3	2	8	35	8	90	1,028	821
15:00-16:00	199	213	158	314	10	4	8	26	12	70	1,014	815
16:00-17:00	259	210	190	315	7	8	4	51	23	118	1,185	926
17:00-18:00	244	234	181	302	14	11	7	21	6	94	1,114	870
18:00-19:00	295	213	166	330	10	12	1	26	7	84	1,144	849
12h Total	2,540	3,063	2,360	3,686	101	90	144	360	95	1,056	13,495	10,955

Dir 5: Airport to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	81	175	53	98	7	2	14	8	4	16	458	377
8:00-9:00	36	64	57	101	6	0	13	5	3	35	320	284
9:00-10:00	23	135	55	82	3	3	8	6	6	64	385	362
10:00-11:00	33	118	59	94	1	1	5	15	8	65	399	366
11:00-12:00	63	159	92	104	7	0	2	21	5	69	522	459
12:00-13:00	45	148	118	75	4	1	6	19	5	51	472	427
13:00-14:00	37	155	86	107	0	3	5	21	7	48	469	432
14:00-15:00	33	118	76	77	0	1	6	19	5	55	390	357
15:00-16:00	48	123	72	85	2	3	3	14	6	69	425	377
16:00-17:00	55	171	129	103	3	0	3	11	8	39	522	467
17:00-18:00	56	136	85	61	7	1	0	15	0	69	430	374
18:00-19:00	52	137	90	105	4	1	2	18	3	50	462	410
12h Total	562	1,639	972	1,092	44	16	67	172	60	630	5,254	4,692

Dir 6: Junction to Airport

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	60	100	60	125	11	3	7	5	4	15	390	330
8:00-9:00	20	92	75	82	3	1	6	5	1	34	319	299
9:00-10:00	13	47	47	80	5	1	5	10	6	33	247	234
10:00-11:00	26	78	52	53	1	0	12	11	4	52	289	263
11:00-12:00	20	65	47	43	0	0	12	9	6	52	254	234
12:00-13:00	25	85	68	40	1	0	2	6	6	33	266	241
13:00-14:00	33	84	50	60	6	0	4	15	5	38	295	262
14:00-15:00	25	38	51	54	0	0	1	4	4	27	204	179
15:00-16:00	12	65	54	43	3	3	8	3	6	34	231	219
16:00-17:00	24	42	55	65	7	0	3	10	6	58	270	246
17:00-18:00	16	38	58	49	5	1	1	4	6	56	234	218
18:00-19:00	56	95	55	85	5	0	3	3	4	67	373	317
12h Total	330	829	672	779	47	9	64	85	58	499	3,372	3,042

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	141	275	113	223	18	5	21	13	8	31	848	707
8:00-9:00	56	156	132	183	9	1	19	10	4	69	639	583
9:00-10:00	36	182	102	162	8	4	13	16	12	97	632	596
10:00-11:00	59	196	111	147	2	1	17	26	12	117	688	629
11:00-12:00	83	224	139	147	7	0	14	30	11	121	776	693
12:00-13:00	70	233	186	115	5	1	8	25	11	84	738	668
13:00-14:00	70	239	136	167	6	3	9	36	12	86	764	694
14:00-15:00	58	156	127	131	0	1	7	23	9	82	594	536
15:00-16:00	60	188	126	128	5	6	11	17	12	103	656	596
16:00-17:00	79	213	184	168	10	0	6	21	14	97	792	713
17:00-18:00	72	174	143	110	12	2	1	19	6	125	664	592
18:00-19:00	108	232	145	190	9	1	5	21	7	117	835	727
12h Total	892	2,468	1,644	1,871	91	25	131	257	118	1,129	8,626	7,734

STATION 5: MAGONGO Rd / BARACK OBAMA Rd Jnc

2nd day: Tuesday June 28th 2011

Dir 1: Magongo to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	94	102	52	110	0	2	1	14	2	28	405	311
8:00-9:00	100	90	37	34	0	1	2	13	3	28	308	208
9:00-10:00	85	81	65	61	1	0	3	21	2	41	360	275
10:00-11:00	87	78	66	57	1	0	2	20	3	45	359	272
11:00-12:00	75	90	75	57	0	0	8	21	5	35	366	291
12:00-13:00	94	91	89	110	0	0	10	35	9	41	479	385
13:00-14:00	71	87	69	82	0	1	7	19	6	38	380	309
14:00-15:00	66	98	69	101	1	0	8	18	11	22	394	328
15:00-16:00	81	70	75	190	4	0	6	15	5	45	491	410
16:00-17:00	47	90	50	100	4	0	0	17	23	25	356	309
17:00-18:00	75	104	85	186	4	4	9	18	5	40	530	455
18:00-19:00	103	78	61	119	2	0	3	14	12	41	433	330
12h Total	978	1,059	793	1,207	17	8	59	225	86	429	4,861	3,883

Dir 2: Junction to Magongo

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	83	62	52	133	7	2	15	13	6	14	387	304
8:00-9:00	78	98	60	58	6	1	11	13	3	23	351	273
9:00-10:00	65	80	78	70	0	1	13	15	15	40	377	312
10:00-11:00	83	82	91	85	0	0	12	16	9	34	412	329
11:00-12:00	82	120	60	115	0	0	45	30	9	40	501	419
12:00-13:00	84	105	72	104	1	0	28	27	18	83	522	438
13:00-14:00	81	77	40	66	0	1	8	11	7	34	325	244
14:00-15:00	96	98	80	118	7	0	30	27	20	87	563	467
15:00-16:00	74	86	71	128	20	0	40	25	20	48	512	438
16:00-17:00	71	65	42	100	5	0	10	15	19	80	407	336
17:00-18:00	71	68	29	85	3	0	12	20	23	65	376	305
18:00-19:00	44	73	40	92	1	0	5	16	10	82	363	319
12h Total	912	1,014	715	1,154	50	5	229	228	159	630	5,096	4,184

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	177	164	104	243	7	4	16	27	8	42	792	615
8:00-9:00	178	188	97	92	6	2	13	26	6	51	659	481
9:00-10:00	150	161	143	131	1	1	16	36	17	81	737	587
10:00-11:00	170	160	157	142	1	0	14	36	12	79	771	601
11:00-12:00	157	210	135	172	0	0	53	51	14	75	867	710
12:00-13:00	178	196	161	214	1	0	38	62	27	124	1,001	823
13:00-14:00	152	164	109	148	0	2	15	30	13	72	705	553
14:00-15:00	162	196	149	219	8	0	38	45	31	109	957	795
15:00-16:00	155	156	146	318	24	0	46	40	25	93	1,003	848
16:00-17:00	118	155	92	200	9	0	10	32	42	105	763	645
17:00-18:00	146	172	114	271	7	4	21	38	28	105	906	760
18:00-19:00	147	151	101	211	3	0	8	30	22	123	796	649
12h Total	1,890	2,073	1,508	2,361	67	13	288	453	245	1,059	9,957	8,067

Dir 3: Mombasa to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	102	160	125	160	11	3	0	20	5	26	612	510
8:00-9:00	89	160	160	140	22	7	1	22	7	60	668	579
9:00-10:00	82	160	160	135	3	10	6	35	8	50	649	567
10:00-11:00	105	160	160	115	1	1	1	37	15	55	650	545
11:00-12:00	105	160	160	115	1	0	2	47	15	72	677	572
12:00-13:00	105	160	160	105	0	1	2	22	8	70	633	528
13:00-14:00	106	160	132	120	2	1	0	27	12	75	635	529
14:00-15:00	95	160	160	0	0	1	6	31	11	52	516	421
15:00-16:00	110	160	150	115	0	3	5	22	23	80	668	558
16:00-17:00	105	160	145	105	12	5	6	35	15	65	653	548
17:00-18:00	105	160	155	105	17	4	3	26	14	85	674	569
18:00-19:00	105	160	150	105	11	6	4	24	9	68	642	537
12h Total	1,214	1,920	1,817	1,320	80	42	36	348	142	758	7,677	6,463

Dir 4: Junction to Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	151	225	121	160	4	6	1	19	4	37	728	577
8:00-9:00	140	235	145	140	2	4	4	17	6	50	743	603
9:00-10:00	91	215	207	140	3	4	3	36	2	77	778	687
10:00-11:00	74	191	162	136	9	9	1	25	2	72	681	607
11:00-12:00	86	200	195	132	1	11	7	38	10	92	772	686
12:00-13:00	114	195	190	140	2	2	4	37	4	70	758	644
13:00-14:00	82	182	150	160	1	2	4	24	4	95	704	622
14:00-15:00	117	175	125	140	2	1	5	35	8	90	698	581
15:00-16:00	92	178	158	129	7	1	2	25	12	70	674	582
16:00-17:00	119	170	160	140	4	4	4	24	10	78	713	594
17:00-18:00	104	195	151	140	7	9	5	21	6	76	714	610
18:00-19:00	155	146	118	130	5	9	1	26	7	84	681	526
12h Total	1,325	2,307	1,882	1,687	47	62	41	327	75	891	8,644	7,319

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	253	385	246	320	15	9	1	39	9	63	1,340	1,087
8:00-9:00	229	395	305	280	24	11	5	39	13	110	1,411	1,182
9:00-10:00	173	375	367	275	6	14	9	71	10	127	1,427	1,254
10:00-11:00	179	351	322	251	10	10	2	62	17	127	1,331	1,152
11:00-12:00	191	360	355	247	2	11	9	85	25	164	1,449	1,258
12:00-13:00	219	355	350	245	2	3	6	59	12	140	1,391	1,172
13:00-14:00	188	342	282	280	3	3	4	51	16	170	1,339	1,151
14:00-15:00	212	335	285	140	2	2	11	66	19	142	1,214	1,002
15:00-16:00	202	338	308	244	7	4	7	47	35	150	1,342	1,140
16:00-17:00	224	330	305	245	16	9	10	59	25	143	1,366	1,142
17:00-18:00	209	355	306	245	24	13	8	47	20	161	1,388	1,179
18:00-19:00	260	306	268	235	16	15	5	50	16	152	1,323	1,063
12h Total	2,539	4,227	3,699	3,007	127	104	77	675	217	1,649	16,321	13,782

Dir 5: Airport to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	91	60	68	115	5	2	2	15	5	25	388	297
8:00-9:00	69	60	59	78	4	0	0	14	3	40	327	258
9:00-10:00	43	60	78	56	4	1	1	19	5	50	317	274
10:00-11:00	24	100	57	42	14	3	3	9	1	65	318	294
11:00-12:00	41	155	85	55	4	5	5	21	2	62	435	394
12:00-13:00	28	145	52	55	5	0	0	15	0	48	348	320
13:00-14:00	38	86	38	75	2	1	0	10	2	46	298	260
14:00-15:00	35	113	59	67	3	1	2	17	1	60	358	323
15:00-16:00	25	95	64	67	2	2	2	6	3	49	315	290
16:00-17:00	42	112	60	63	3	2	2	11	3	48	346	304
17:00-18:00	52	148	58	93	7	3	0	15	1	58	435	383
18:00-19:00	60	104	40	93	9	0	0	116	0	71	493	433
12h Total	548	1,238	718	859	62	20	17	268	26	622	4,378	3,830

Dir 6: Junction to Airport

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	35	60	53	150	7	8	4	7	2	27	353	318
8:00-9:00	17	10	78	60	14	4	3	8	2	39	235	218
9:00-10:00	20	105	107	55	10	3	3	8	1	36	348	328
10:00-11:00	16	60	55	56	10	2	15	1	1	106	322	306
11:00-12:00	10	56	60	60	0	0	10	17	6	90	309	299
12:00-13:00	5	20	30	65	1	5	0	7	7	62	202	197
13:00-14:00	20	35	45	90	15	0	11	10	5	70	301	281
14:00-15:00	74	69	52	83	1	0	3	3	1	48	334	260
15:00-16:00	15	26	55	45	1	3	1	5	5	70	226	211
16:00-17:00	20	67	86	125	16	20	18	25	11	85	473	453
17:00-18:00	20	55	65	160	32	12	15	10	20	145	534	514
18:00-19:00	80	40	60	130	35	25	20	15	20	157	582	502
12h Total	332	603	746	1,079	142	82	103	116	81	935	4,219	3,887

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	126	120	121	265	12	10	6	22	7	52	741	615
8:00-9:00	86	70	137	138	18	4	3	22	5	79	562	476
9:00-10:00	63	165	185	111	14	4	4	27	6	86	665	602
10:00-11:00	40	160	112	98	24	5	18	10	2	171	640	600
11:00-12:00	51	211	145	115	4	5	15	38	8	152	744	693
12:00-13:00	33	165	82	120	6	5	0	22	7	110	550	517
13:00-14:00	58	121	83	165	17	1	11	20	7	116	599	541
14:00-15:00	109	182	111	150	4	1	5	20	2	108	692	583
15:00-16:00	40	121	119	112	3	5	3	11	8	119	541	501
16:00-17:00	62	179	146	188	19	22	20	36	14	133	819	757
17:00-18:00	72	203	123	253	39	15	15	25	21	203	969	897
18:00-19:00	140	144	100	223	44	25	20	131	20	228	1,075	935
12h Total	880	1,841	1,464	1,938	204	102	120	384	107	1,557	8,597	7,717

STATION 6: CHANGAMWE ROUNDABOUT

1st day: Thursday June 23rd 2011

Dir 1: Magongo to roundabout

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	112	311	87	283	6	5	10	24	12	42	892	780
8:00-9:00	79	275	99	270	6	10	8	17	13	46	823	744
9:00-10:00	67	247	129	253	3	6	9	29	30	62	835	768
10:00-11:00	62	137	129	218	4	1	9	24	34	78	696	634
11:00-12:00	61	218	128	225	2	4	13	23	25	79	778	717
12:00-13:00	48	255	130	200	2	5	15	30	13	83	781	733
13:00-14:00	73	267	128	280	1	3	7	24	19	52	854	781
14:00-15:00	85	190	131	201	1	1	7	31	13	67	727	642
15:00-16:00	43	280	113	230	4	6	9	21	18	65	789	746
16:00-17:00	71	285	171	273	6	0	10	21	15	52	904	833
17:00-18:00	60	327	145	250	11	5	6	15	20	80	919	859
18:00-19:00	56	410	158	428	3	5	11	18	10	82	1,181	1,125
12h Total	817	3,202	1,548	3,111	49	51	114	277	222	788	10,179	9,362

Dir 2: Roundabout to Magongo

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	110	210	119	270	20	9	18	6	5	0	767	657
8:00-9:00	50	145	132	210	0	8	20	6	6	37	614	564
9:00-10:00	60	180	134	160	7	7	25	10	24	60	667	607
10:00-11:00	75	225	87	215	1	2	26	19	19	65	734	659
11:00-12:00	70	166	96	133	1	0	18	15	10	72	581	511
12:00-13:00	71	205	78	180	0	1	34	11	14	56	650	579
13:00-14:00	62	216	111	145	1	4	21	7	16	66	649	587
14:00-15:00	73	180	159	170	0	2	23	14	19	67	707	634
15:00-16:00	106	277	180	187	1	3	23	10	24	68	879	773
16:00-17:00	85	204	185	190	5	6	18	8	17	85	803	718
17:00-18:00	84	212	156	145	7	7	19	9	15	73	727	643
18:00-19:00	93	240	115	226	4	8	6	6	5	55	758	665
12h Total	939	2,460	1,552	2,231	47	57	251	121	174	704	8,536	7,597

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	222	521	206	553	26	14	28	30	17	42	1,659	1,437
8:00-9:00	129	420	231	480	6	18	28	23	19	83	1,437	1,308
9:00-10:00	127	427	263	413	10	13	34	39	54	122	1,502	1,375
10:00-11:00	137	362	216	433	5	3	35	43	53	143	1,430	1,293
11:00-12:00	131	384	224	358	3	4	31	38	35	151	1,359	1,228
12:00-13:00	119	460	208	380	2	6	49	41	27	139	1,431	1,312
13:00-14:00	135	483	239	425	2	7	28	31	35	118	1,503	1,368
14:00-15:00	158	370	290	371	1	3	30	45	32	134	1,434	1,276
15:00-16:00	149	557	293	417	5	9	32	31	42	133	1,668	1,519
16:00-17:00	156	489	356	463	11	6	28	29	32	137	1,707	1,551
17:00-18:00	144	539	301	395	18	12	25	24	35	153	1,646	1,502
18:00-19:00	149	650	273	654	7	13	17	24	15	137	1,939	1,790
12h Total	1,756	5,662	3,100	5,342	96	108	365	398	396	1,492	18,715	16,959

Dir 3: Nairobi to Roundabout

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	66	296	113	269	0	19	31	13	14	72	893	827
8:00-9:00	62	224	85	222	6	11	25	26	13	125	799	737
9:00-10:00	49	156	96	220	7	7	38	10	23	105	711	662
10:00-11:00	59	156	111	215	2	3	38	9	23	157	773	714
11:00-12:00	75	200	128	212	1	4	29	8	16	121	794	719
12:00-13:00	54	227	143	203	3	6	31	10	21	111	809	755
13:00-14:00	49	166	78	212	2	3	27	14	15	91	657	608
14:00-15:00	72	150	89	195	1	9	23	12	23	122	696	624
15:00-16:00	57	187	105	218	2	9	37	12	18	112	757	700
16:00-17:00	50	227	119	236	6	9	35	9	20	90	801	751
17:00-18:00	42	276	139	295	14	8	34	8	14	111	941	899
18:00-19:00	10	228	59	255	2	16	10	0	12	85	677	667
12h Total	645	2,493	1,265	2,752	46	104	358	131	212	1,302	9,308	8,663

Dir 4: Roundabout to Nairobi

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	45	195	117	293	24	3	15	30	19	39	780	735
8:00-9:00	67	259	141	325	10	3	9	27	9	51	901	834
9:00-10:00	69	168	150	205	6	7	20	45	27	67	764	695
10:00-11:00	53	138	124	196	7	3	17	38	12	71	659	606
11:00-12:00	68	151	146	200	6	1	10	43	15	85	725	657
12:00-13:00	58	165	132	211	9	3	11	47	15	94	745	687
13:00-14:00	56	175	100	184	6	1	26	26	9	89	672	616
14:00-15:00	45	200	93	169	1	3	29	27	13	126	706	661
15:00-16:00	60	150	90	200	4	3	9	18	18	67	619	559
16:00-17:00	70	215	85	260	13	20	35	15	15	75	803	733
17:00-18:00	69	300	137	357	37	24	27	18	5	115	1,089	1,020
18:00-19:00	47	350	105	361	66	60	65	75	50	99	1,278	1,231
12h Total	707	2,466	1,420	2,961	189	131	273	409	207	978	9,741	9,034

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	111	491	230	562	24	22	46	43	33	111	1,673	1,562
8:00-9:00	129	483	226	547	16	14	34	53	22	176	1,700	1,571
9:00-10:00	118	324	246	425	13	14	58	55	50	172	1,475	1,357
10:00-11:00	112	294	235	411	9	6	55	47	35	228	1,432	1,320
11:00-12:00	143	351	274	412	7	5	39	51	31	206	1,519	1,376
12:00-13:00	112	392	275	414	12	9	42	57	36	205	1,554	1,442
13:00-14:00	105	341	178	396	8	4	53	40	24	180	1,329	1,224
14:00-15:00	117	350	182	364	2	12	52	39	36	248	1,402	1,285
15:00-16:00	117	337	195	418	6	12	46	30	36	179	1,376	1,259
16:00-17:00	120	442	204	496	19	29	70	24	35	165	1,604	1,484
17:00-18:00	111	576	276	652	51	32	61	26	19	226	2,030	1,919
18:00-19:00	57	578	164	616	68	76	75	75	62	184	1,955	1,898
12h Total	1,352	4,959	2,685	5,713	235	235	631	540	419	2,280	19,049	17,697

Dir 5: Mombasa to roundabout

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	30	665	195	560	31	10	34	20	22	39	1,606	1,576
8:00-9:00	44	718	230	452	8	14	17	55	14	50	1,602	1,558
9:00-10:00	49	661	230	561	9	16	45	26	40	76	1,713	1,664
10:00-11:00	109	415	445	289	5	12	36	90	43	102	1,546	1,437
11:00-12:00	43	207	492	135	5	4	27	76	41	73	1,103	1,060
12:00-13:00	74	205	469	224	1	9	23	56	40	108	1,209	1,135
13:00-14:00	46	216	285	285	9	6	25	52	43	69	1,036	990
14:00-15:00	65	258	594	205	5	3	20	60	24	75	1,309	1,244
15:00-16:00	58	188	387	368	16	9	46	81	65	101	1,319	1,261
16:00-17:00	46	103	352	249	12	19	20	57	28	139	1,025	979
17:00-18:00	89	310	363	290	14	21	26	78	25	140	1,356	1,267
18:00-19:00	57	319	301	402	21	34	13	40	26	146	1,359	1,302
12h Total	710	4,265	4,343	4,020	136	157	332	691	411	1,118	16,183	15,473

Dir 6: Roundabout to Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	47	357	140	472	18	10	20	43	33	80	1,220	1,173
8:00-9:00	50	340	80	436	12	9	13	58	27	170	1,195	1,145
9:00-10:00	62	270	110	356	14	2	14	67	36	116	1,047	985
10:00-11:00	40	249	168	306	5	1	16	61	30	115	991	951
11:00-12:00	48	330	199	443	8	2	21	63	18	73	1,205	1,157
12:00-13:00	40	518	230	448	13	3	15	72	22	85	1,446	1,406
13:00-14:00	40	365	140	300	5	1	15	52	25	70	1,013	973
14:00-15:00	75	315	137	315	6	2	22	61	30	102	1,065	990
15:00-16:00	53	448	186	375	12	6	23	61	30	93	1,287	1,234
16:00-17:00	51	375	196	525	7	6	14	62	15	63	1,314	1,263
17:00-18:00	49	635	217	675	25	7	19	52	18	88	1,785	1,736
18:00-19:00	50	539	217	640	20	13	16	67	23	52	1,637	1,587
12h Total	605	4,741	2,020	5,291	145	62	208	719	307	1,107	15,205	14,600

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	77	1,022	335	1,032	49	20	54	63	55	119	2,826	2,749
8:00-9:00	94	1,058	310	888	20	23	30	113	41	220	2,797	2,703
9:00-10:00	111	931	340	917	23	18	59	93	76	192	2,760	2,649
10:00-11:00	149	664	613	595	10	13	52	151	73	217	2,537	2,388
11:00-12:00	91	537	691	578	13	6	48	139	59	146	2,308	2,217
12:00-13:00	114	723	699	672	14	12	38	128	62	193	2,655	2,541
13:00-14:00	86	581	425	585	14	7	40	104	68	139	2,049	1,963
14:00-15:00	140	573	731	520	11	5	42	121	54	177	2,374	2,234
15:00-16:00	111	636	573	743	28	15	69	142	95	194	2,606	2,495
16:00-17:00	97	478	548	774	19	25	34	119	43	202	2,339	2,242
17:00-18:00	138	945	580	965	39	28	45	130	43	228	3,141	3,003
18:00-19:00	107	858	518	1,042	41	47	29	107	49	198	2,996	2,889
12h Total	1,315	9,006	6,363	9,311	281	219	540	1,410	718	2,225	31,388	30,073

Dir 7: KPA to roundabout

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	94	52	22	4	1	0	5	8	1	17	204	110
8:00-9:00	82	53	31	3	2	0	0	2	1	7	181	99
9:00-10:00	69	44	42	7	1	0	1	9	2	14	189	120
10:00-11:00	100	66	54	8	0	0	1	7	1	46	283	183
11:00-12:00	85	72	45	1	0	0	5	6	3	55	272	187
12:00-13:00	88	96	45	8	0	0	3	2	1	34	277	189
13:00-14:00	84	70	49	7	0	0	3	9	3	46	271	187
14:00-15:00	107	55	55	0	1	0	1	5	2	40	266	159
15:00-16:00	150	89	47	4	0	0	2	8	3	44	347	197
16:00-17:00	101	81	89	0	1	2	2	9	7	92	384	283
17:00-18:00	139	120	90	4	1	0	4	7	5	59	429	290
18:00-19:00	85	113	64	0	1	0	2	2	3	55	325	240
12h Total	1,184	911	633	46	8	2	29	74	32	509	3,428	2,244

Dir 8: Roundabout to KPA

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	120	160	58	6	3	1	2	8	1	5	364	244
8:00-9:00	120	185	39	5	1	0	1	6	3	25	385	265
9:00-10:00	50	68	46	3	1	0	6	8	1	43	226	176
10:00-11:00	93	83	57	10	0	0	5	12	5	85	350	257
11:00-12:00	73	68	40	4	1	0	3	7	3	88	287	214
12:00-13:00	53	77	41	3	0	0	2	0	2	85	263	210
13:00-14:00	66	45	24	3	0	1	3	6	8	68	224	158
14:00-15:00	116	61	50	4	0	0	0	7	1	76	315	199
15:00-16:00	115	30	40	2	0	0	2	7	2	75	273	158
16:00-17:00	65	49	51	6	2	0	3	5	1	55	237	172
17:00-18:00	81	26	55	5	0	2	1	3	2	86	261	180
18:00-19:00	71	24	33	8	0	0	1	0	3	120	260	189
12h Total	1,023	876	534	59	8	4	29	69	32	811	3,445	2,422

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	214	212	80	10	4	1	7	16	2	22	568	354
8:00-9:00	202	238	70	8	3	0	1	8	4	32	566	364
9:00-10:00	119	112	88	10	2	0	7	17	3	57	415	296
10:00-11:00	193	149	111	18	0	0	6	19	6	131	633	440
11:00-12:00	158	140	85	5	1	0	8	13	6	143	559	401
12:00-13:00	141	173	86	11	0	0	5	2	3	119	540	399
13:00-14:00	150	115	73	10	0	1	6	15	11	114	495	345
14:00-15:00	223	116	105	4	1	0	1	12	3	116	581	358
15:00-16:00	265	119	87	6	0	0	4	15	5	119	620	355
16:00-17:00	166	130	140	6	3	2	5	14	8	147	621	455
17:00-18:00	220	146	145	9	1	2	5	10	7	145	690	470
18:00-19:00	156	137	97	8	1	0	3	2	6	175	585	429
12h Total	2,207	1,787	1,167	105	16	6	58	143	64	1,320	6,873	4,666

STATION 6: CHANGAMWE ROUNDABOUT

2nd day: Tuesday June 28th 2011

Dir 1: Magongo to junction

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	115	195	104	265	8	15	7	17	16	40	782	667
8:00-9:00	109	228	109	205	3	2	4	16	21	34	731	622
9:00-10:00	60	136	135	252	5	4	2	32	6	75	707	647
10:00-11:00	51	187	135	250	11	9	10	24	7	87	771	720
11:00-12:00	100	231	152	205	4	7	14	29	19	63	824	724
12:00-13:00	75	271	155	305	3	3	12	32	9	105	970	895
13:00-14:00	66	148	102	212	4	2	9	15	22	80	660	594
14:00-15:00	77	168	145	281	2	2	8	30	20	87	820	743
15:00-16:00	60	187	120	288	5	1	8	18	20	75	782	722
16:00-17:00	60	195	131	317	4	5	14	29	29	78	862	802
17:00-18:00	163	230	185	283	17	7	17	17	20	80	1,019	856
18:00-19:00	49	163	120	270	4	30	4	20	23	87	770	721
12h Total	985	2,339	1,593	3,133	70	87	109	279	212	891	9,698	8,713

Dir 2: Roundabout to Magongo

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	50	190	132	254	6	4	7	9	3	22	677	627
8:00-9:00	46	180	230	265	4	13	31	13	19	27	828	782
9:00-10:00	15	275	195	200	3	7	13	11	19	49	787	772
10:00-11:00	12	97	175	110	0	2	18	15	15	60	504	492
11:00-12:00	10	186	235	215	2	0	11	22	22	62	765	755
12:00-13:00	7	124	226	134	1	1	15	17	17	80	622	615
13:00-14:00	12	105	170	190	1	3	12	7	12	80	592	580
14:00-15:00	38	130	170	145	0	2	28	14	10	53	590	552
15:00-16:00	90	210	156	153	0	1	14	15	19	70	728	638
16:00-17:00	125	195	179	192	7	13	15	13	15	93	847	722
17:00-18:00	75	145	120	145	13	8	8	8	13	97	632	557
18:00-19:00	78	160	100	196	3	13	10	9	10	92	671	593
12h Total	558	1,997	2,088	2,199	40	67	182	153	174	785	8,243	7,685

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	165	385	236	519	14	19	14	26	19	62	1,459	1,294
8:00-9:00	155	408	339	470	7	15	35	29	40	61	1,559	1,404
9:00-10:00	75	411	330	452	8	11	15	43	25	124	1,494	1,419
10:00-11:00	63	284	310	360	11	11	28	39	22	147	1,275	1,212
11:00-12:00	110	417	387	420	6	7	25	51	41	125	1,589	1,479
12:00-13:00	82	395	381	439	4	4	27	49	26	185	1,592	1,510
13:00-14:00	78	253	272	402	5	5	21	22	34	160	1,252	1,174
14:00-15:00	115	298	315	426	2	4	36	44	30	140	1,410	1,295
15:00-16:00	150	397	276	441	5	2	22	33	39	145	1,510	1,360
16:00-17:00	185	390	310	509	11	18	29	42	44	171	1,709	1,524
17:00-18:00	238	375	305	428	30	15	25	25	33	177	1,651	1,413
18:00-19:00	127	323	220	466	7	43	14	29	33	179	1,441	1,314
12h Total	1,543	4,336	3,681	5,332	110	154	291	432	386	1,676	17,941	16,398

Dir 3: Nairobi to Roundabout

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	61	250	81	252	7	22	30	11	8	82	804	743
8:00-9:00	49	210	80	287	2	8	24	4	14	114	792	743
9:00-10:00	50	161	110	235	35	3	34	15	38	106	787	737
10:00-11:00	73	180	102	220	2	2	49	10	15	124	777	704
11:00-12:00	61	183	144	205	22	2	34	6	28	102	787	726
12:00-13:00	53	243	121	184	2	3	29	8	21	113	777	724
13:00-14:00	56	167	75	213	2	4	26	12	12	101	668	612
14:00-15:00	61	166	79	200	0	3	5	17	17	54	602	541
15:00-16:00	46	175	84	195	2	8	15	12	12	136	685	639
16:00-17:00	53	211	100	238	5	11	31	14	14	103	780	727
17:00-18:00	34	295	114	246	12	9	22	19	19	110	880	846
18:00-19:00	27	190	66	250	3	4	9	5	5	55	614	587
12h Total	624	2,431	1,156	2,725	94	79	308	133	203	1,200	8,953	8,329

Dir 4: Roundabout to Nairobi

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	90	170	92	255	18	5	49	18	18	38	753	663
8:00-9:00	91	178	110	261	18	2	11	25	25	57	778	687
9:00-10:00	78	151	112	200	8	5	12	36	36	62	700	622
10:00-11:00	85	176	116	126	6	5	47	33	33	78	705	620
11:00-12:00	70	155	90	225	5	2	10	24	24	85	690	620
12:00-13:00	81	250	113	275	8	2	104	40	40	84	997	916
13:00-14:00	106	119	100	150	9	47	10	62	49	127	779	673
14:00-15:00	45	160	82	186	3	0	19	35	12	82	624	579
15:00-16:00	71	190	117	203	5	4	18	41	20	112	781	710
16:00-17:00	87	240	75	300	48	0	19	64	0	92	925	838
17:00-18:00	73	265	83	325	5	5	22	30	7	114	929	856
18:00-19:00	105	213	120	369	85	0	26	75	0	103	1,096	991
12h Total	982	2,267	1,210	2,875	218	77	347	483	264	1,034	9,757	8,775

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	151	420	173	507	25	27	79	29	26	120	1,557	1,406
8:00-9:00	140	388	190	548	20	10	35	29	39	171	1,570	1,430
9:00-10:00	128	312	222	435	43	8	46	51	74	168	1,487	1,359
10:00-11:00	158	356	218	346	8	7	96	43	48	202	1,482	1,324
11:00-12:00	131	338	234	430	27	4	44	30	52	187	1,477	1,346
12:00-13:00	134	493	234	459	10	5	133	48	61	197	1,774	1,640
13:00-14:00	162	286	175	363	11	51	36	74	61	228	1,447	1,285
14:00-15:00	106	326	161	386	3	3	24	52	29	136	1,226	1,120
15:00-16:00	117	365	201	398	7	12	33	53	32	248	1,466	1,349
16:00-17:00	140	451	175	538	53	11	50	78	14	195	1,705	1,565
17:00-18:00	107	560	197	571	17	14	44	49	26	224	1,809	1,702
18:00-19:00	132	403	186	619	88	4	35	80	5	158	1,710	1,578
12h Total	1,606	4,698	2,366	5,600	312	156	655	616	467	2,234	18,710	17,104

Dir 5: Mombasa to roundabout

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	35	184	179	425	23	13	19	32	25	33	968	933
8:00-9:00	56	226	246	520	20	23	23	46	20	52	1,232	1,176
9:00-10:00	58	201	247	440	7	26	26	82	21	68	1,176	1,118
10:00-11:00	76	170	236	360	5	21	21	80	40	78	1,087	1,011
11:00-12:00	62	144	182	352	7	27	27	76	29	91	997	935
12:00-13:00	58	156	202	363	4	20	20	79	32	93	1,027	969
13:00-14:00	60	188	175	167	5	5	35	61	29	130	855	795
14:00-15:00	55	192	222	326	5	1	29	62	25	134	1,051	996
15:00-16:00	48	100	202	220	7	6	26	76	40	125	850	802
16:00-17:00	60	107	198	304	16	18	23	65	40	129	960	900
17:00-18:00	43	148	169	328	25	11	14	61	32	128	959	916
18:00-19:00	67	227	156	340	21	10	12	51	20	91	995	928
12h Total	678	2,043	2,414	4,145	145	181	275	771	353	1,152	12,157	11,479

Dir 6: Roundabout to Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	55	335	100	425	40	25	25	65	60	120	1,250	1,195
8:00-9:00	50	360	110	500	35	20	30	45	40	95	1,285	1,235
9:00-10:00	21	467	93	459	2	5	3	45	26	87	1,208	1,187
10:00-11:00	11	540	65	581	20	20	11	56	20	95	1,419	1,408
11:00-12:00	7	473	100	495	20	3	11	80	50	116	1,355	1,348
12:00-13:00	31	385	136	575	2	8	16	52	18	125	1,348	1,317
13:00-14:00	100	415	60	480	6	20	40	80	50	125	1,376	1,276
14:00-15:00	60	325	73	340	0	0	20	105	55	120	1,098	1,038
15:00-16:00	35	605	100	631	10	40	25	60	50	120	1,676	1,641
16:00-17:00	35	460	80	475	25	27	25	60	40	100	1,327	1,292
17:00-18:00	20	345	100	430	25	45	25	40	50	120	1,200	1,180
18:00-19:00	14	432	160	528	10	15	10	45	20	120	1,354	1,340
12h Total	439	5,142	1,177	5,919	195	228	241	733	479	1,343	15,896	15,457

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	90	519	279	850	63	38	44	97	85	153	2,218	2,128
8:00-9:00	106	586	356	1,020	55	43	53	91	60	147	2,517	2,411
9:00-10:00	79	668	340	899	9	31	29	127	47	155	2,384	2,305
10:00-11:00	87	710	301	941	25	41	32	136	60	173	2,506	2,419
11:00-12:00	69	617	282	847	27	30	38	156	79	207	2,352	2,283
12:00-13:00	89	541	338	938	6	28	36	131	50	218	2,375	2,286
13:00-14:00	160	603	235	647	11	25	75	141	79	255	2,231	2,071
14:00-15:00	115	517	295	666	5	1	49	167	80	254	2,149	2,034
15:00-16:00	83	705	302	851	17	46	51	136	90	245	2,526	2,443
16:00-17:00	95	567	278	779	41	45	48	125	80	229	2,287	2,192
17:00-18:00	63	493	269	758	50	56	39	101	82	248	2,159	2,096
18:00-19:00	81	659	316	868	31	25	22	96	40	211	2,349	2,268
12h Total	1,117	7,185	3,591	10,064	340	409	516	1,504	832	2,495	28,053	26,936

Dir 7: KPA to roundabout

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	236	52	29	3	1	0	6	3	2	17	349	113
8:00-9:00	75	39	22	1	2	0	4	0	0	24	167	92
9:00-10:00	74	72	36	9	0	0	1	1	0	17	210	136
10:00-11:00	40	68	45	2	0	0	4	3	5	37	204	164
11:00-12:00	82	75	45	4	0	0	2	1	2	50	261	179
12:00-13:00	109	79	60	10	0	0	2	8	2	45	315	206
13:00-14:00	91	86	36	13	0	0	1	1	3	69	300	209
14:00-15:00	45	102	17	3	0	0	2	2	0	25	196	151
15:00-16:00	130	107	54	18	1	1	5	5	6	44	371	241
16:00-17:00	77	96	28	5	2	1	4	4	2	58	277	200
17:00-18:00	103	130	61	10	2	2	3	3	3	91	408	305
18:00-19:00	78	107	78	7	1	0	5	5	4	56	341	263
12h Total	1,140	1,013	511	85	9	4	39	36	29	533	3,399	2,259

Dir 8: Roundabout to KPA

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	140	103	86	13	2	1	1	6	2	25	379	239
8:00-9:00	140	87	66	4	1	0	0	5	2	65	370	230
9:00-10:00	110	98	67	5	1	0	5	3	3	43	335	225
10:00-11:00	55	42	47	6	0	0	0	2	3	77	232	177
11:00-12:00	77	41	54	9	0	0	2	5	2	63	253	176
12:00-13:00	64	22	39	3	0	0	1	5	5	66	205	141
13:00-14:00	100	51	50	2	0	0	4	5	3	80	295	195
14:00-15:00	130	66	75	2	0	0	2	4	5	138	422	292
15:00-16:00	117	95	53	5	0	0	2	2	1	120	395	278
16:00-17:00	56	42	31	5	1	0	1	2	2	92	232	176
17:00-18:00	94	41	40	4	0	0	2	3	3	90	277	183
18:00-19:00	63	31	26	2	1	0	2	1	3	93	222	159
12h Total	1,146	719	634	60	6	1	22	43	34	952	3,617	2,471

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	376	155	115	16	3	1	7	9	4	42	728	352
8:00-9:00	215	126	88	5	3	0	4	5	2	89	537	322
9:00-10:00	184	170	103	14	1	0	6	4	3	60	545	361
10:00-11:00	95	110	92	8	0	0	4	5	8	114	436	341
11:00-12:00	159	116	99	13	0	0	4	6	4	113	514	355
12:00-13:00	173	101	99	13	0	0	3	13	7	111	520	347
13:00-14:00	191	137	86	15	0	0	5	6	6	149	595	404
14:00-15:00	175	168	92	5	0	0	4	6	5	163	618	443
15:00-16:00	247	202	107	23	1	1	7	7	7	164	766	519
16:00-17:00	133	138	59	10	3	1	5	6	4	150	509	376
17:00-18:00	197	171	101	14	2	2	5	6	6	181	685	488
18:00-19:00	141	138	104	9	2	0	7	6	7	149	563	422
12h Total	2,286	1,732	1,145	145	15	5	61	79	63	1,485	7,016	4,730

STATION 7: MAKUPA CAUSEWAY (SECTION COUNT)

1st day: Tuesday June 21 2011

Dir 1: To Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Mimbuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	115	40	38	302	13	20	23	13	12	37	613	498
8:00-9:00	123	93	30	113	18	26	15	22	14	70	524	401
9:00-10:00	236	103	61	123	11	18	10	43	11	91	707	471
10:00-11:00	403	83	63	260	9	3	12	42	30	85	990	587
11:00-12:00	375	79	46	325	7	6	5	29	43	95	1,010	635
12:00-13:00	417	65	59	320	7	10	3	26	53	60	1,020	603
13:00-14:00	445	55	50	300	4	5	15	45	51	65	1,035	590
14:00-15:00	431	65	11	285	7	2	2	20	18	40	881	450
15:00-16:00	350	55	49	200	7	9	50	17	44	99	880	530
16:00-17:00	461	80	48	185	19	13	0	17	49	90	962	501
17:00-18:00	324	121	52	279	27	14	0	23	27	92	959	635
18:00-19:00	180	135	47	308	26	37	0	39	37	102	911	731
Subtotal(day)	3,861	975	555	3,001	156	164	136	337	390	927	10,502	6,641
19:00-20:00	195	105	35	160	13	8	10	32	20	60	638	443
20:00-21:00	209	122	31	175	1	6	6	20	9	39	618	409
21:00-22:00	160	101	13	126	1	5	2	7	13	27	455	295
22:00-23:00	82	38	10	50	1	4	2	4	9	18	218	136
23:00-00:00	34	31	11	21	2	3	1	11	7	15	136	102
0:00-1:00	53	32	17	9	2	3	1	9	6	18	150	97
1:00-2:00	20	9	15	5	1	0	1	7	4	4	66	46
2:00-3:00	9	8	10	2	0	3	5	9	4	13	63	54
3:00-4:00	6	11	20	12	3	5	13	12	2	16	100	94
4:00-5:00	19	16	12	37	2	19	2	23	7	20	157	138
5:00-6:00	40	29	27	37	5	35	8	40	6	35	262	222
6:00-7:00	52	40	35	76	4	32	9	52	19	74	393	341
Subtotal(night)	879	542	236	710	35	123	60	226	106	339	3,256	2,377
24 hr Total	4,740	1,517	791	3,711	191	287	196	563	496	1,266	13,758	9,018
24/12hr Ratio	1.23	1.56	1.43	1.24	1.22	1.75	1.44	1.67	1.27	1.37	1.31	1.36

Dir 2: To Nairobi

Time	Motorcycles	Cars	Pick-ups	Matatus	Mimbuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	239	89	13	397	18	32	15	11	13	21	848	609
8:00-9:00	90	48	23	165	15	3	49	13	5	19	430	340
9:00-10:00	185	170	34	349	17	13	61	21	10	46	906	721
10:00-11:00	299	107	24	235	9	13	76	19	17	66	865	566
11:00-12:00	88	80	23	100	13	1	66	16	17	93	497	409
12:00-13:00	232	146	32	285	3	2	66	33	17	96	912	680
13:00-14:00	315	108	30	315	5	9	41	12	15	77	927	612
14:00-15:00	71	135	48	68	3	6	49	41	22	98	541	470
15:00-16:00	210	109	38	205	3	6	47	20	35	152	825	615
16:00-17:00	200	156	45	200	6	22	45	45	30	115	864	664
17:00-18:00	65	85	44	237	21	15	17	61	27	143	715	650
18:00-19:00	107	93	31	135	19	6	12	71	8	130	612	505
Subtotal(day)	2,103	1,328	387	2,693	134	130	546	365	218	1,058	8,962	6,859

19:00-20:00	210	85	45	190	21	15	19	20	21	59	685	475
20:00-21:00	160	73	30	165	1	9	7	12	10	50	517	357
21:00-22:00	160	46	15	126	3	20	9	16	16	55	466	306
22:00-23:00	92	43	14	53	1	31	4	9	5	37	289	197
23:00-00:00	70	45	42	26	0	4	4	3	8	37	239	169
0:00-1:00	28	30	19	6	2	2	3	0	1	17	108	80
1:00-2:00	32	22	18	3	3	0	2	2	3	9	94	62
2:00-3:00	21	9	19	2	1	3	3	3	3	8	72	51
3:00-4:00	19	10	7	5	1	0	3	2	5	5	57	38
4:00-5:00	33	18	5	23	1	2	0	3	0	7	92	59
5:00-6:00	46	20	8	139	7	12	2	10	7	35	286	240
6:00-7:00	151	97	18	311	20	17	3	30	15	42	704	553
Subtotal(night)	1,022	498	240	1,049	61	115	59	110	94	361	3,609	2,587
24 hr Total	3,125	1,826	627	3,742	195	245	605	475	312	1,419	12,571	9,446
24/12hr Ratio	1.49	1.38	1.62	1.39	1.46	1.88	1.11	1.30	1.43	1.34	1.40	1.38

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	354	129	51	699	31	52	38	24	25	58	1,461	1,107
8:00-9:00	213	141	53	278	33	29	64	35	19	89	954	741
9:00-10:00	421	273	95	472	28	31	71	64	21	137	1,613	1,192
10:00-11:00	702	190	87	495	18	16	88	61	47	151	1,855	1,153
11:00-12:00	463	159	69	425	20	7	71	45	60	188	1,507	1,044
12:00-13:00	649	211	91	605	10	12	69	59	70	156	1,932	1,283
13:00-14:00	760	163	80	615	9	14	56	57	66	142	1,962	1,202
14:00-15:00	502	200	59	353	10	8	51	61	40	138	1,422	920
15:00-16:00	560	164	87	405	10	15	97	37	79	251	1,705	1,145
16:00-17:00	661	236	93	385	25	35	45	62	79	205	1,826	1,165
17:00-18:00	389	206	96	516	48	29	17	84	54	235	1,674	1,285
18:00-19:00	287	228	78	443	45	43	12	110	45	232	1,523	1,236
Subtotal(day)	5,961	2,300	939	5,691	287	291	679	699	605	1,982	19,434	13,473
19:00-20:00	405	190	80	350	34	23	29	52	41	119	1,323	918
20:00-21:00	369	195	61	340	2	15	13	32	19	89	1,135	766
21:00-22:00	320	147	28	252	4	25	11	23	29	82	921	601
22:00-23:00	174	81	24	103	2	35	6	13	14	55	507	333
23:00-00:00	104	76	53	47	2	7	5	14	15	52	375	271
0:00-1:00	81	62	36	15	4	5	4	9	7	35	258	177
1:00-2:00	52	31	33	8	4	0	3	9	7	13	160	108
2:00-3:00	30	17	29	4	1	6	8	12	7	21	135	105
3:00-4:00	25	21	27	17	4	5	16	14	7	21	157	132
4:00-5:00	52	34	17	60	3	21	2	26	7	27	249	197
5:00-6:00	86	49	35	176	12	47	10	50	13	70	548	462
6:00-7:00	203	137	53	387	24	49	12	82	34	116	1,097	894
Subtotal(night)	1,901	1,040	476	1,759	96	238	119	336	200	700	6,865	4,964
24 hr Total	7,862	3,340	1,415	7,450	383	529	798	1,035	805	2,682	26,299	18,437
24/12hr Ratio	1.32	1.45	1.51	1.31	1.33	1.82	1.18	1.48	1.33	1.35	1.35	1.37

STATION 7: MAKUPA CAUSEWAY (SECTION COUNT)

2nd day: Wednesday June 22nd 2011

Dir 1: To Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Mimbuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	490	121	60	503	12	22	15	29	15	75	1,342	852
8:00-9:00	484	141	49	473	8	20	20	34	18	73	1,320	836
9:00-10:00	378	176	47	382	14	15	15	51	31	108	1,217	839
10:00-11:00	370	180	60	352	4	6	21	47	23	84	1,147	777
11:00-12:00	302	184	56	283	0	9	30	61	21	131	1,077	775
12:00-13:00	376	197	48	261	3	4	25	35	23	103	1,075	699
13:00-14:00	393	202	57	268	4	12	28	59	23	89	1,135	742
14:00-15:00	586	184	60	435	2	5	26	49	30	106	1,483	897
15:00-16:00	552	191	69	502	10	11	25	52	31	90	1,533	981
16:00-17:00	702	260	65	576	4	10	40	51	22	68	1,798	1,096
17:00-18:00	748	252	41	727	22	17	25	48	27	73	1,980	1,232
18:00-19:00	652	192	46	480	13	28	16	33	18	66	1,544	892
Subtotal(day)	6,034	2,281	659	5,243	97	160	287	550	283	1,067	16,661	10,627
19:00-20:00	235	183	40	370	7	14	4	25	15	34	927	692
20:00-21:00	187	160	37	276	5	10	5	17	8	43	748	561
21:00-22:00	188	81	27	134	7	2	2	14	11	28	494	306
22:00-23:00	87	46	15	48	4	0	1	11	4	25	241	154
23:00-00:00	45	33	14	25	4	1	2	9	7	17	157	112
0:00-1:00	54	34	22	7	2	2	0	8	1	5	135	81
1:00-2:00	19	16	19	1	2	1	1	8	5	11	83	64
2:00-3:00	17	10	14	2	2	0	2	12	7	15	81	64
3:00-4:00	16	20	15	7	0	3	0	12	9	10	92	76
4:00-5:00	31	18	7	40	8	12	2	18	3	20	159	128
5:00-6:00	25	30	18	241	9	38	4	51	5	28	449	424
6:00-7:00	80	75	15	407	6	30	11	40	10	45	719	639
Subtotal(night)	984	706	243	1,558	56	113	34	225	85	281	4,285	3,301
24 hr Total	7,018	2,987	902	6,801	153	273	321	775	368	1,348	20,946	13,928
24/12hr Ratio	1.16	1.31	1.37	1.30	1.58	1.71	1.12	1.41	1.30	1.26	1.26	1.31

Dir 2: To Nairobi

Time	Motorcycles	Cars	Pick-ups	Matatus	Mimbuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	325	210	28	510	35	8	2	22	11	22	1,173	848
8:00-9:00	330	290	37	375	16	11	21	51	23	25	1,179	849
9:00-10:00	289	264	33	300	10	10	18	78	32	95	1,129	840
10:00-11:00	299	228	41	319	10	9	18	88	47	127	1,186	887
11:00-12:00	292	176	38	318	5	1	13	82	31	93	1,049	757
12:00-13:00	293	250	47	320	7	3	16	78	30	86	1,130	837
13:00-14:00	275	162	36	350	10	3	12	76	33	152	1,109	834
14:00-15:00	306	160	35	243	11	2	17	65	24	79	942	636
15:00-16:00	347	260	58	302	12	1	5	66	42	125	1,218	871
16:00-17:00	357	198	35	343	16	15	6	57	19	128	1,174	817
17:00-18:00	270	150	31	361	11	18	11	73	16	165	1,106	836
18:00-19:00	381	89	57	440	19	10	6	41	23	88	1,154	773
Subtotal(day)	3,766	2,439	478	4,183	164	93	147	779	333	1,187	13,569	9,803

19:00-20:00	285	72	44	325	6	4	5	38	12	39	830	545
20:00-21:00	312	120	39	261	9	4	3	33	11	52	844	532
21:00-22:00	168	63	12	156	5	21	3	12	6	39	485	317
22:00-23:00	136	59	15	91	30	0	2	5	2	24	364	228
23:00-00:00	79	61	6	22	1	5	2	3	1	32	212	133
0:00-1:00	53	27	11	2	0	1	0	7	0	15	116	63
1:00-2:00	36	12	17	4	2	0	0	3	0	15	89	53
2:00-3:00	23	10	15	1	0	0	0	0	0	16	65	42
3:00-4:00	16	8	12	4	0	0	0	4	0	15	59	43
4:00-5:00	38	28	9	23	2	0	0	4	5	13	122	84
5:00-6:00	39	17	15	169	8	8	6	19	3	22	306	267
6:00-7:00	101	80	12	390	7	17	26	23	12	21	689	588
Subtotal(night)	1,286	557	207	1,448	70	60	47	151	52	303	4,181	2,895
24 hr Total	5,052	2,996	685	5,631	234	153	194	930	385	1,490	17,750	12,698
24/12hr Ratio	1.34	1.23	1.43	1.35	1.43	1.65	1.32	1.19	1.16	1.26	1.31	1.30

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	815	331	88	1,013	47	30	17	51	26	97	2,515	1,700
8:00-9:00	814	431	86	848	24	31	41	85	41	98	2,499	1,685
9:00-10:00	667	440	80	682	24	25	33	129	63	203	2,346	1,679
10:00-11:00	669	408	101	671	14	15	39	135	70	211	2,333	1,664
11:00-12:00	594	360	94	601	5	10	43	143	52	224	2,126	1,532
12:00-13:00	669	447	95	581	10	7	41	113	53	189	2,205	1,536
13:00-14:00	668	364	93	618	14	15	40	135	56	241	2,244	1,576
14:00-15:00	892	344	95	678	13	7	43	114	54	185	2,425	1,533
15:00-16:00	899	451	127	804	22	12	30	118	73	215	2,751	1,852
16:00-17:00	1,059	458	100	919	20	25	46	108	41	196	2,972	1,913
17:00-18:00	1,018	402	72	1,088	33	35	36	121	43	238	3,086	2,068
18:00-19:00	1,033	281	103	920	32	38	22	74	41	154	2,698	1,665
Subtotal(day)	9,797	4,717	1,134	9,423	258	250	431	1,326	613	2,251	30,200	20,403
19:00-20:00	520	255	84	695	13	18	9	63	27	73	1,757	1,237
20:00-21:00	499	280	76	537	14	14	8	50	19	95	1,592	1,093
21:00-22:00	356	144	39	290	12	23	5	26	17	67	979	623
22:00-23:00	223	105	30	139	34	0	3	16	6	49	605	382
23:00-00:00	124	94	20	47	5	6	4	12	8	49	369	245
0:00-1:00	107	61	33	9	2	3	0	15	1	20	251	144
1:00-2:00	55	28	36	5	4	1	1	11	5	26	172	117
2:00-3:00	40	20	29	3	2	0	2	12	7	31	146	106
3:00-4:00	32	28	27	11	0	3	0	16	9	25	151	119
4:00-5:00	69	46	16	63	10	12	2	22	8	33	281	212
5:00-6:00	64	47	33	410	17	46	10	70	8	50	755	691
6:00-7:00	181	155	27	797	13	47	37	63	22	66	1,408	1,227
Subtotal(night)	2,270	1,263	450	3,006	126	173	81	376	137	584	8,466	6,196
24 hr Total	12,067	5,980	1,584	12,429	384	423	512	1,702	750	2,835	38,666	26,599
24/12hr Ratio	1.23	1.27	1.40	1.32	1.49	1.69	1.19	1.28	1.22	1.26	1.28	1.30

STATION 8: NYALI BRIDGE (SECTION COUNT)

1st day: Tuesday 21st June 2011

Dir 1: To Nyali

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	156	350	201	572	27	10	10	40	5	17	1,388	1,232
8:00-9:00	143	307	219	847	4	4	13	51	18	12	1,618	1,475
9:00-10:00	120	320	385	712	12	5	19	64	12	15	1,664	1,544
10:00-11:00	165	355	220	677	3	2	26	67	23	20	1,558	1,393
11:00-12:00	134	330	296	545	11	1	23	54	18	21	1,433	1,299
12:00-13:00	146	600	340	557	5	3	14	67	33	20	1,785	1,639
13:00-14:00	170	591	388	604	10	6	15	52	20	31	1,887	1,717
14:00-15:00	148	500	215	508	7	7	11	71	14	11	1,492	1,344
15:00-16:00	150	552	335	588	17	6	17	69	18	22	1,774	1,624
16:00-17:00	165	625	365	600	6	7	17	73	20	16	1,894	1,729
17:00-18:00	129	405	425	612	12	8	15	37	25	21	1,689	1,560
18:00-19:00	135	390	355	673	25	6	12	22	18	20	1,656	1,521
12h Total	1,761	5,325	3,744	7,495	139	65	192	667	224	226	19,838	18,077

Dir 2: To Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	220	895	396	665	10	2	20	62	10	4	2,284	2,064
8:00-9:00	226	791	413	680	9	4	22	78	12	7	2,242	2,016
9:00-10:00	182	457	373	430	0	10	8	84	21	46	1,611	1,429
10:00-11:00	65	283	310	510	1	10	5	92	16	28	1,320	1,255
11:00-12:00	95	276	265	495	1	2	12	102	25	16	1,289	1,194
12:00-13:00	171	375	231	390	10	4	27	82	7	14	1,311	1,140
13:00-14:00	122	317	313	555	0	4	26	54	6	19	1,416	1,294
14:00-15:00	55	180	338	500	1	7	20	83	9	11	1,204	1,149
15:00-16:00	48	177	236	390	1	9	24	61	17	24	987	939
16:00-17:00	94	257	220	410	4	4	17	56	17	18	1,097	1,003
17:00-18:00	80	230	191	475	5	15	25	65	13	18	1,117	1,037
18:00-19:00	60	95	176	480	8	11	17	44	6	15	912	852
12h Total	1,418	4,333	3,462	5,980	50	82	223	863	159	220	16,790	15,372

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	376	1,245	597	1,237	37	12	30	102	15	21	3,672	3,296
8:00-9:00	369	1,098	632	1,527	13	8	35	129	30	19	3,860	3,491
9:00-10:00	302	777	758	1,142	12	15	27	148	33	61	3,275	2,973
10:00-11:00	230	638	530	1,187	4	12	31	159	39	48	2,878	2,648
11:00-12:00	229	606	561	1,040	12	3	35	156	43	37	2,722	2,493
12:00-13:00	317	975	571	947	15	7	41	149	40	34	3,096	2,779
13:00-14:00	292	908	701	1,159	10	10	41	106	26	50	3,303	3,011
14:00-15:00	203	680	553	1,008	8	14	31	154	23	22	2,696	2,493
15:00-16:00	198	729	571	978	18	15	41	130	35	46	2,761	2,563
16:00-17:00	259	882	585	1,010	10	11	34	129	37	34	2,991	2,732
17:00-18:00	209	635	616	1,087	17	23	40	102	38	39	2,806	2,597
18:00-19:00	195	485	531	1,153	33	17	29	66	24	35	2,568	2,373
12h Total	3,179	9,658	7,206	13,475	189	147	415	1,530	383	446	36,628	33,449

STATION 8: NYALI BRIDGE (SECTION COUNT)

2nd Day: Wednesday 22nd June 2011

Dir 1: To Nyali

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	115	349	170	751	8	19	5	35	5	18	1,475	1,360
8:00-9:00	140	328	190	803	0	4	17	46	15	25	1,568	1,428
9:00-10:00	134	380	265	786	1	7	9	77	20	24	1,703	1,569
10:00-11:00	135	415	360	627	0	4	20	55	20	23	1,659	1,524
11:00-12:00	135	500	320	504	0	6	14	54	24	22	1,579	1,444
12:00-13:00	122	540	370	521	0	2	13	41	12	25	1,646	1,524
13:00-14:00	101	300	185	644	1	4	14	50	26	11	1,336	1,235
14:00-15:00	76	275	395	502	18	5	8	60	33	26	1,398	1,322
15:00-16:00	97	493	370	615	3	2	19	78	37	20	1,734	1,637
16:00-17:00	132	912	455	655	3	4	19	75	68	46	2,369	2,237
17:00-18:00	110	1,150	345	600	5	6	16	45	55	30	2,362	2,252
18:00-19:00	175	1,140	385	622	20	2	11	51	36	33	2,475	2,300
12h Total	1,472	6,782	3,810	7,630	59	65	165	667	351	303	21,304	19,832

Dir 2: To Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	219	890	132	820	9	7	42	38	4	1	2,162	1,943
8:00-9:00	254	482	535	875	5	7	64	87	15	19	2,343	2,089
9:00-10:00	158	576	440	600	4	9	49	96	20	22	1,974	1,816
10:00-11:00	113	377	290	440	5	7	29	80	16	19	1,376	1,263
11:00-12:00	119	306	345	410	3	2	43	76	25	19	1,348	1,229
12:00-13:00	79	319	185	430	2	7	23	65	35	24	1,169	1,090
13:00-14:00	109	324	185	325	3	3	3	38	61	35	1,086	977
14:00-15:00	114	279	320	465	3	11	45	64	14	19	1,334	1,220
15:00-16:00	109	247	205	475	2	8	35	65	9	16	1,171	1,062
16:00-17:00	115	329	225	445	8	10	26	65	7	19	1,249	1,134
17:00-18:00	58	153	160	410	5	19	26	57	112	14	1,014	956
18:00-19:00	43	184	150	355	8	9	23	32	7	15	826	783
12h Total	1,490	4,466	3,172	6,050	57	99	408	763	325	222	17,052	15,562

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	334	1,239	302	1,571	17	26	47	73	9	19	3,637	3,303
8:00-9:00	394	810	725	1,678	5	11	81	133	30	44	3,911	3,517
9:00-10:00	292	956	705	1,386	5	16	58	173	40	46	3,677	3,385
10:00-11:00	248	792	650	1,067	5	11	49	135	36	42	3,035	2,787
11:00-12:00	254	806	665	914	3	8	57	130	49	41	2,927	2,673
12:00-13:00	201	859	555	951	2	9	36	106	47	49	2,815	2,614
13:00-14:00	210	624	370	969	4	7	17	88	87	46	2,422	2,212
14:00-15:00	190	554	715	967	21	16	53	124	47	45	2,732	2,542
15:00-16:00	206	740	575	1,090	5	10	54	143	46	36	2,905	2,699
16:00-17:00	247	1,241	680	1,100	11	14	45	140	75	65	3,618	3,371
17:00-18:00	168	1,303	505	1,010	10	25	42	102	167	44	3,376	3,208
18:00-19:00	218	1,324	535	977	28	11	34	83	43	48	3,301	3,083
12h Total	2,962	11,248	6,982	13,680	116	164	573	1,430	676	525	38,356	35,394

STATION 9: LIKONI FERRY (Mortorized Transport)

1st day: Wednesday 29th June 2011

Dir 1: To Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	150	85	52	1	4	0	3	8	0	1	304	154
8:00-9:00	75	58	51	3	3	3	2	6	0	0	201	126
9:00-10:00	55	59	45	2	3	5	4	11	1	0	185	130
10:00-11:00	32	64	48	1	2	0	3	5	1	0	156	124
11:00-12:00	32	47	43	0	1	1	2	18	3	0	147	115
12:00-13:00	32	41	41	2	1	3	6	11	2	7	146	114
13:00-14:00	50	33	29	0	0	1	6	8	0	6	133	83
14:00-15:00	30	49	36	0	0	0	6	15	4	9	149	119
15:00-16:00	40	39	49	0	4	4	9	13	0	0	158	118
16:00-17:00	31	61	40	0	2	0	3	28	2	0	167	136
17:00-18:00	35	47	39	1	1	2	5	18	3	0	151	116
18:00-19:00	32	46	32	0	5	2	2	19	2	0	140	108
12h Total	594	629	505	10	26	21	51	160	18	23	2,037	1,443

Dir 2: To Likoni

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	12	49	40	0	1	0	0	17	4	0	123	111
8:00-9:00	14	63	44	0	1	0	5	11	2	1	141	127
9:00-10:00	19	57	36	0	6	0	3	18	1	0	140	121
10:00-11:00	16	50	36	0	1	0	2	19	5	1	130	114
11:00-12:00	12	50	50	1	1	2	5	20	3	0	144	132
12:00-13:00	14	45	46	1	1	3	3	23	3	0	139	125
13:00-14:00	14	59	60	7	0	3	7	8	1	6	165	151
14:00-15:00	18	50	40	1	2	3	6	11	1	0	132	114
15:00-16:00	23	77	52	2	4	1	7	15	1	2	184	161
16:00-17:00	44	74	46	3	3	0	5	8	2	0	185	141
17:00-18:00	57	63	37	0	4	0	3	12	1	0	177	120
18:00-19:00	51	57	32	5	5	0	2	6	1	0	159	108
12h Total	294	694	519	20	29	12	48	168	25	10	1,819	1,525

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	162	134	92	1	5	0	3	25	4	1	427	265
8:00-9:00	89	121	95	3	4	3	7	17	2	1	342	253
9:00-10:00	74	116	81	2	9	5	7	29	2	0	325	251
10:00-11:00	48	114	84	1	3	0	5	24	6	1	286	238
11:00-12:00	44	97	93	1	2	3	7	38	6	0	291	247
12:00-13:00	46	86	87	3	2	6	9	34	5	7	285	239
13:00-14:00	64	92	89	7	0	4	13	16	1	12	298	234
14:00-15:00	48	99	76	1	2	3	12	26	5	9	281	233
15:00-16:00	63	116	101	2	8	5	16	28	1	2	342	279
16:00-17:00	75	135	86	3	5	0	8	36	4	0	352	277
17:00-18:00	92	110	76	1	5	2	8	30	4	0	328	236
18:00-19:00	83	103	64	5	10	2	4	25	3	0	299	216
12h Total	888	1,323	1,024	30	55	33	99	328	43	33	3,856	2,968

STATION 9: LIKONI FERRY

2nd day: Thursday 30th June 2011

Dir 1: To Mombasa

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4++ axles)	Total	Total (without Motorcycles)
7:00-8:00	113	63	39	1	2	1	5	8	2	0	234	121
8:00-9:00	65	61	40	2	4	8	3	7	1	0	191	126
9:00-10:00	28	42	35	4	0	1	2	5	0	0	117	89
10:00-11:00	27	57	35	3	1	1	5	16	1	1	147	120
11:00-12:00	20	42	22	0	0	1	2	9	1	0	97	77
12:00-13:00	25	45	38	2	0	0	2	12	0	2	126	101
13:00-14:00	25	40	30	4	1	0	2	13	0	4	119	94
14:00-15:00	24	39	40	0	0	0	6	10	4	1	124	100
15:00-16:00	29	38	43	0	0	1	7	15	2	2	137	108
16:00-17:00	21	63	57	2	2	2	3	7	3	0	160	139
17:00-18:00	21	47	47	0	0	5	6	20	1	0	147	126
18:00-19:00	24	43	36	3	0	4	3	13	0	1	127	103
12h Total	422	580	462	21	10	24	46	135	15	11	1,726	1,304

Dir 2: To Likoni

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4++ axles)	Total	Total (without Motorcycles)
7:00-8:00	16	52	37	0	4	1	4	18	3	1	136	120
8:00-9:00	13	46	28	0	2	2	4	19	2	1	117	104
9:00-10:00	25	66	41	1	1	1	2	21	5	1	164	139
10:00-11:00	15	51	35	6	0	0	7	19	2	0	135	120
11:00-12:00	14	51	43	3	0	0	4	14	5	2	136	122
12:00-13:00	21	51	55	0	3	3	6	9	3	2	153	132
13:00-14:00	24	58	48	1	0	0	2	13	1	2	149	125
14:00-15:00	22	48	38	1	0	0	2	13	0	1	125	103
15:00-16:00	40	61	46	0	0	0	4	10	3	1	165	125
16:00-17:00	33	62	37	2	4	1	1	11	0	2	153	120
17:00-18:00	67	55	33	3	2	2	0	5	2	7	176	109
18:00-19:00	66	63	27	5	3	3	2	7	0	4	180	114
12h Total	356	664	468	22	19	13	38	159	26	24	1,789	1,433

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4++ axles)	Total	Total (without Motorcycles)
7:00-8:00	129	115	76	1	6	2	9	26	5	1	370	241
8:00-9:00	78	107	68	2	6	10	7	26	3	1	308	230
9:00-10:00	53	108	76	5	1	2	4	26	5	1	281	228
10:00-11:00	42	108	70	9	1	1	12	35	3	1	282	240
11:00-12:00	34	93	65	3	0	1	6	23	6	2	233	199
12:00-13:00	46	96	93	2	3	3	8	21	3	4	279	233
13:00-14:00	49	98	78	5	1	0	4	26	1	6	268	219
14:00-15:00	46	87	78	1	0	0	8	23	4	2	249	203
15:00-16:00	69	99	89	0	0	1	11	25	5	3	302	233
16:00-17:00	54	125	94	4	6	3	4	18	3	2	313	259
17:00-18:00	88	102	80	3	2	7	6	25	3	7	323	235
18:00-19:00	90	106	63	8	3	7	5	20	0	5	307	217
12h Total	778	1,244	930	43	29	37	84	294	41	35	3,515	2,737

STATION 9: LIKONI FERRY (Non Motorized Transport)

1st day: Wednesday 29th June 2011

Time	Pedestrians			Handcarts			Bicycles		
	To Mombasa	To Likoni	Bothway	To Mombasa	To Likoni	Bothway	To Mombasa	To Likoni	Bothway
7:00-8:00	11,013	1,862	12,875	20	0	20	250	93	343
8:00-9:00	6,961	1,453	8,414	15	2	17	290	66	356
9:00-10:00	5,743	1,769	7,512	12	9	21	220	93	313
10:00-11:00	6,458	1,796	8,254	7	7	14	90	75	165
11:00-12:00	4,479	1,691	6,170	3	2	5	70	53	123
12:00-13:00	5,478	2,451	7,929	3	10	13	110	62	172
13:00-14:00	2,675	2,053	4,728	5	7	12	40	52	92
14:00-15:00	3,105	2,122	5,227	3	1	4	40	34	74
15:00-16:00	3,093	3,071	6,164	2	0	2	62	78	140
16:00-17:00	4,375	5,131	9,506	5	5	10	302	195	497
17:00-18:00	2,872	8,793	11,665	2	0	2	66	507	573
18:00-19:00	3,340	11,031	14,371	12	2	14	130	523	653
12h Total	59,592	43,223	102,815	89	45	134	1,670	1,831	3,501

2nd day: Thursday 30th June 2011

Time	Pedestrians			Handcarts			Bicycles		
	To Mombasa	To Likoni	Bothway	To Mombasa	To Likoni	Bothway	To Mombasa	To Likoni	Bothway
7:00-8:00	7,600	1,949	9,549	4	0	4	500	110	610
8:00-9:00	5,101	1,677	6,778	4	4	8	200	66	266
9:00-10:00	2,280	1,801	4,081	5	8	13	150	79	229
10:00-11:00	2,838	2,054	4,892	9	7	16	177	85	262
11:00-12:00	2,391	2,371	4,762	7	8	15	50	49	99
12:00-13:00	2,404	2,817	5,221	2	7	9	27	56	83
13:00-14:00	2,172	1,931	4,103	3	9	12	50	52	102
14:00-15:00	1,778	2,041	3,819	2	4	6	25	48	73
15:00-16:00	1,789	3,157	4,946	5	5	10	30	115	145
16:00-17:00	2,068	5,828	7,896	4	8	12	195	154	349
17:00-18:00	2,390	2,371	4,761	1	3	4	100	596	696
18:00-19:00	1,525	2,817	4,342	1	2	3	75	494	569
12h Total	34,336	30,814	65,150	47	65	112	1,579	1,904	3,483

STATION 10: VIMIRIRANI (SECTION COUNT)

1st day: Tuesday 21st June 2011

Dir 1: To Likoni

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	39	48	45	85	7	7	10	12	4	0	257	218
8:00-9:00	36	48	22	78	2	3	2	8	2	1	202	166
9:00-10:00	32	45	32	52	5	3	0	16	1	0	186	154
10:00-11:00	42	32	35	77	7	0	0	26	4	0	223	181
11:00-12:00	31	35	24	68	1	0	1	17	3	1	181	150
12:00-13:00	43	54	42	67	5	0	4	25	2	0	242	199
13:00-14:00	32	20	37	66	6	0	4	18	3	3	189	157
14:00-15:00	22	36	61	72	7	0	3	15	5	3	224	202
15:00-16:00	20	43	38	68	6	1	2	17	0	1	196	176
16:00-17:00	18	43	46	92	6	0	1	16	2	0	224	206
17:00-18:00	32	41	46	96	8	1	6	15	1	0	246	214
18:00-19:00	36	36	23	95	7	1	0	6	1	0	205	169
12h Total	383	481	451	916	67	16	33	191	28	9	2,575	2,192

Dir 2: To Ukunda

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	26	53	55	100	7	1	7	3	0	0	252	226
8:00-9:00	21	31	36	96	7	2	3	3	2	0	201	180
9:00-10:00	12	36	41	82	8	0	0	0	0	0	179	167
10:00-11:00	30	28	53	76	6	1	2	9	1	0	206	176
11:00-12:00	17	36	33	83	6	0	0	17	6	1	199	182
12:00-13:00	18	30	30	75	3	2	2	15	1	0	176	158
13:00-14:00	26	37	37	69	4	2	2	15	1	0	193	167
14:00-15:00	12	38	36	71	3	0	3	11	3	1	178	166
15:00-16:00	27	47	37	77	5	3	2	13	1	0	212	185
16:00-17:00	23	49	59	86	5	2	3	27	2	1	257	234
17:00-18:00	13	54	32	69	9	2	2	22	7	0	210	197
18:00-19:00	28	47	30	85	3	3	3	13	2	0	214	186
12h Total	253	486	479	969	66	18	29	148	26	3	2,477	2,224

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	65	101	100	185	14	8	17	15	4	0	509	444
8:00-9:00	57	79	58	174	9	5	5	11	4	1	403	346
9:00-10:00	44	81	73	134	13	3	0	16	1	0	365	321
10:00-11:00	72	60	88	153	13	1	2	35	5	0	429	357
11:00-12:00	48	71	57	151	7	0	1	34	9	2	380	332
12:00-13:00	61	84	72	142	8	2	6	40	3	0	418	357
13:00-14:00	58	57	74	135	10	2	6	33	4	3	382	324
14:00-15:00	34	74	97	143	10	0	6	26	8	4	402	368
15:00-16:00	47	90	75	145	11	4	4	30	1	1	408	361
16:00-17:00	41	92	105	178	11	2	4	43	4	1	481	440
17:00-18:00	45	95	78	165	17	3	8	37	8	0	456	411
18:00-19:00	64	83	53	180	10	4	3	19	3	0	419	355
12h Total	636	967	930	1,885	133	34	62	339	54	12	5,052	4,416

STATION 10: VIMIRIRANI (SECTION COUNT)

2nd Day: Wednesday 22nd June 2011

Dir 1: To Likoni

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	28	41	27	80	5	7	1	11	2	0	202	174
8:00-9:00	15	41	33	69	1	2	1	14	4	1	181	166
9:00-10:00	22	33	23	73	2	1	3	17	1	1	176	154
10:00-11:00	30	49	25	75	2	1	3	25	4	0	214	184
11:00-12:00	20	45	42	82	0	0	5	20	4	1	219	199
12:00-13:00	16	41	44	60	5	0	4	16	4	0	190	174
13:00-14:00	14	44	40	71	5	0	0	16	4	6	200	186
14:00-15:00	27	38	35	78	5	0	2	32	2	1	220	193
15:00-16:00	22	42	26	69	2	0	0	8	1	1	171	149
16:00-17:00	23	42	35	82	4	2	0	12	2	1	203	180
17:00-18:00	40	40	36	101	8	1	0	8	1	10	245	205
18:00-19:00	17	40	27	90	2	3	0	10	0	2	191	174
12h Total	274	496	393	930	41	17	19	189	29	24	2,412	2,138

Dir 2: To Ukunda

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	30	38	36	95	6	2	1	5	0	0	213	183
8:00-9:00	20	21	32	86	8	7	0	8	2	0	184	164
9:00-10:00	25	41	36	82	1	4	1	10	0	0	200	175
10:00-11:00	21	35	25	72	5	0	0	21	2	1	182	161
11:00-12:00	25	27	26	90	5	0	0	21	1	0	195	170
12:00-13:00	23	22	23	53	1	0	1	13	1	2	139	116
13:00-14:00	8	63	26	73	3	0	0	6	2	0	181	173
14:00-15:00	15	33	45	82	2	1	5	18	6	1	208	193
15:00-16:00	21	46	38	75	3	2	1	21	2	0	209	188
16:00-17:00	16	42	32	78	2	2	1	28	2	0	203	187
17:00-18:00	21	52	40	80	7	7	7	17	2	1	234	213
18:00-19:00	31	35	36	88	2	1	6	15	1	2	217	186
12h Total	256	455	395	954	45	26	23	183	21	7	2,365	2,109

Bothway

Time	Motorcycles	Cars	Pick-ups	Matatus	Minibuses	Large buses	Light trucks	Medium trucks	Heavy trucks (3 axles)	Heavy Trucks (4+ axles)	Total	Total (without Motorcycles)
7:00-8:00	58	79	63	175	11	9	2	16	2	0	415	357
8:00-9:00	35	62	65	155	9	9	1	22	6	1	365	330
9:00-10:00	47	74	59	155	3	5	4	27	1	1	376	329
10:00-11:00	51	84	50	147	7	1	3	46	6	1	396	345
11:00-12:00	45	72	68	172	5	0	5	41	5	1	414	369
12:00-13:00	39	63	67	113	6	0	5	29	5	2	329	290
13:00-14:00	22	107	66	144	8	0	0	22	6	6	381	359
14:00-15:00	42	71	80	160	7	1	7	50	8	2	428	386
15:00-16:00	43	88	64	144	5	2	1	29	3	1	380	337
16:00-17:00	39	84	67	160	6	4	1	40	4	1	406	367
17:00-18:00	61	92	76	181	15	8	7	25	3	11	479	418
18:00-19:00	48	75	63	178	4	4	6	25	1	4	408	360
12h Total	530	951	788	1,884	86	43	42	372	50	31	4,777	4,247

APPENDIX 3 Drawings of the Project Road



Drawing No	PL-01	TITLE	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	KENYA NATIONAL HIGHWAY AUTHORITY
	SCALE				
DATE	OCT. 2011				



KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE: PLAN (2) MOMBASA SOUTHERN BYPASS (2 / 14)	Drawing No PL-02 SCALE 1/4,000 DATE OCT. 2011
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Drawing No PL-03	TITLE PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	KENYA NATIONAL HIGHWAY AUTHORITY	PLAN (3) MOMBASA SOUTHERN BYPASS (3 / 14)	SCALE 1/4,000	DATE OCT. 2011
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Drawing No	PL-04
SCALE	1/4,000
DATE	OCT. 2011

TITLE:
 PLAN (4)
 MOMBASA SOUTHERN BYPASS (4 / 14)

PREPARATORY SURVEY ON
 MOMBASA CITY ROAD DEVELOPMENT PROJECT
 IN THE REPUBLIC OF KENYA

JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL

KENYA NATIONAL
 HIGHWAY AUTHORITY



KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE: PLAN (5) MOMBASA SOUTHERN BYPASS (5/14)	Drawing No. PL-05 SCALE 1/4,000 DATE OCT. 2011
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Drawing No	PL-06
SCALE	1/4,000
DATE	OCT. 2011

TITLE:
PLAN (6)
MOMBASA SOUTHERN BYPASS (6/14)

PREPARATORY SURVEY ON
MOMBASA CITY ROAD DEVELOPMENT PROJECT
IN THE REPUBLIC OF KENYA

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

KENYA NATIONAL
HIGHWAY AUTHORITY



KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE	PLAN (7) MOMBASA SOUTHERN BYPASS (7/14)	Drawing No	PL-07
			SCALE	1/4,000	DATE	OCT. 2011



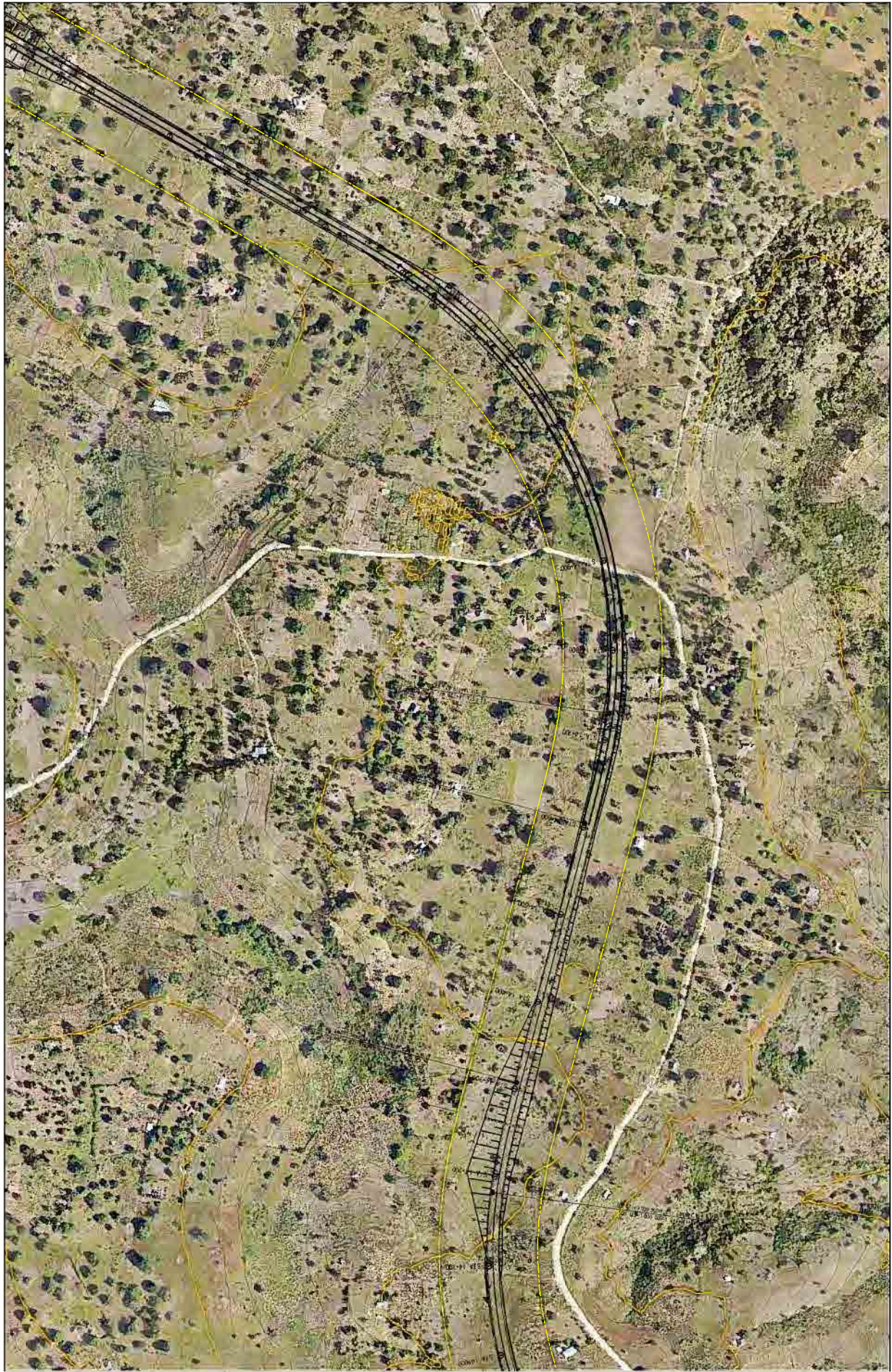
KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE:	PLAN (8) MOMBASA SOUTHERN BYPASS (8/14)	Drawing No	PL-08
					SCALE	1/4,000
				DATE		OCT. 2011



KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE:	PLAN (9) MOMBASA SOUTHERN BYPASS (9 / 14)	Drawing No	PL-09
					SCALE	1/4,000
				DATE		OCT. 2011



KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE: MOMBASA SOUTHERN BYPASS (10' 14)	Drawing No	PL-10
				SCALE	1/4,000
				DATE	OCT. 2011



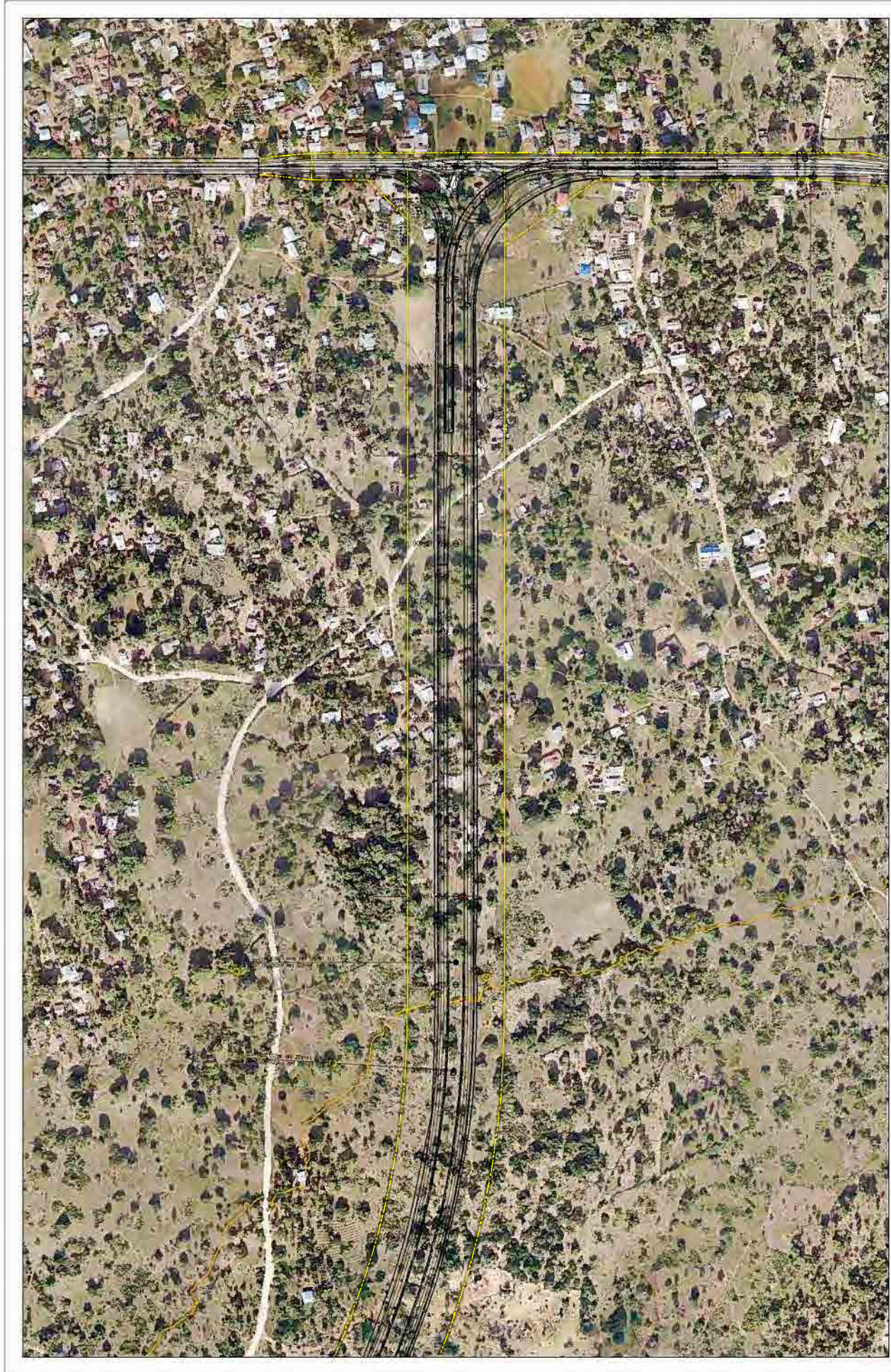
KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE:	PLAN (11) MOMBASA SOUTHERN BYPASS (11/14)	Drawing No	PL-11
					SCALE	1/4,000
					DATE	OCT. 2011



KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE:	PLAN (12) MOMBASA SOUTHERN BYPASS (12/14)	Drawing No	PL-12
					SCALE	1/4,000
					DATE	OCT. 2011



KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE:	PLAN (13) MOMBASA SOUTHERN BYPASS (13/ 14)	Drawing No	PL-13
					SCALE	1/4,000
				DATE		OCT. 2011



Drawing No	PL-14
SCALE	1/4,000
DATE	OCT. 2011

TITLE	PLAN (14) MOMBASA SOUTHERN BYPASS (14/14)
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PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA
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JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL
--

KENYA NATIONAL HIGHWAY AUTHORITY



KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE: PLAN (1/5) KIPEVU LINK ROAD (1/5)	Drawing No	PL-15
				SCALE	1/4,000
				DATE	OCT. 2011



Drawing No	PL-16
SCALE	1/4,000
DATE	OCT. 2011

TITLE:
 PLAN (16)
 KIPEVU LINK ROAD (2/5)

PREPARATORY SURVEY ON
 MOMBASA CITY ROAD DEVELOPMENT PROJECT
 IN THE REPUBLIC OF KENYA

JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL

KENYA NATIONAL
 HIGHWAY AUTHORITY



KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE: PLAN (17) KIPEVU LINK ROAD (3/5)	Drawing No	PL-17
				SCALE	1/4,000
				DATE	OCT. 2011



KENYA NATIONAL HIGHWAY AUTHORITY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	TITLE:	
			PLAN (18) KIPEVU LINK ROAD (4/5)	Drawing No. PL-18
			SCALE	1/4,000
			DATE	OCT. 2011



Drawing No PL-19	TITLE PREPARATORY SURVEY ON MOMBASA CITY ROAD DEVELOPMENT PROJECT IN THE REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	KENYA NATIONAL HIGHWAY AUTHORITY
SCALE 1/4,000	PLAN (19) KIPEVU LINK ROAD (5/5)		
DATE OCT. 2011			