

APPENDIX L 将来交通量の予測

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SECTION	TRAFFIC	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1 PANLAP - MABOLE	1 NORMAL	31.	34.	37.	40.	43.	46.	50.	54.	58.	63.	68.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	1.	1.	2.	3.
	4 TOTAL	31.	33.	36.	39.	42.	46.	50.	56.	60.	65.	70.
2 MABOLE - SENDUGU	1 NORMAL	19.	28.	30.	32.	34.	37.	39.	42.	44.	47.	50.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	1.	1.	2.	2.
	4 TOTAL	19.	28.	30.	32.	34.	36.	38.	43.	46.	49.	53.
3 SENDUGU - MASAKUTABA	1 NORMAL	6.	6.	6.	7.	7.	8.	9.	9.	10.	11.	12.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	4 TOTAL	6.	6.	6.	7.	7.	8.	9.	9.	10.	10.	11.
4 MASAKUTABA - BANKABI	1 NORMAL	4.	5.	5.	5.	6.	6.	7.	7.	8.	8.	9.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	4 TOTAL	4.	5.	5.	5.	6.	6.	7.	7.	8.	8.	9.
5 BANKABI - KENENDI	1 NORMAL	8.	10.	11.	12.	13.	13.	14.	15.	16.	18.	19.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	4 TOTAL	8.	10.	11.	12.	13.	13.	14.	15.	16.	18.	19.
6 KENENDI - KAMAKWIE	1 NORMAL	12.	13.	14.	15.	17.	18.	19.	21.	22.	24.	26.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.
	4 TOTAL	12.	13.	14.	15.	17.	18.	19.	21.	22.	24.	26.

SECTION	TRAFFIC	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
1 PANLAP - MABOLE	1 NORMAL	73.	79.	85.	92.	99.	106.	115.	123.	133.	143.	154.
	2 DIVERTED	1.	1.	2.	2.	2.	2.	2.	2.	2.	3.	3.
	3 DEVELOPED	4.	4.	6.	7.	8.	10.	11.	13.	15.	18.	21.
	4 TOTAL	77.	83.	91.	98.	107.	116.	127.	138.	149.	162.	175.
2 MABOLE - SENDUGU	1 NORMAL	53.	57.	61.	64.	68.	73.	77.	82.	87.	93.	98.
	2 DIVERTED	1.	1.	2.	2.	2.	2.	2.	2.	2.	3.	3.
	3 DEVELOPED	3.	3.	4.	5.	6.	7.	8.	9.	10.	12.	13.
	4 TOTAL	56.	60.	64.	69.	74.	79.	86.	92.	99.	105.	113.
3 SENDUGU - MASAKUTABA	1 NORMAL	13.	13.	14.	15.	17.	18.	19.	20.	22.	23.	25.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	1.	1.	1.	1.	1.	2.	2.	2.	3.	3.	3.
	4 TOTAL	12.	13.	14.	16.	17.	18.	19.	20.	22.	23.	27.
4 MASAKUTABA - BANKABI	1 NORMAL	9.	10.	10.	11.	12.	12.	13.	14.	15.	16.	17.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	0.	1.	1.	1.	1.	1.	1.	2.	2.	2.	2.
	4 TOTAL	9.	10.	10.	11.	11.	13.	14.	15.	15.	16.	18.
5 BANKABI - KENENDI	1 NORMAL	20.	21.	23.	24.	26.	27.	29.	31.	33.	35.	37.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	1.	1.	1.	2.	2.	2.	3.	3.	4.	4.	5.
	4 TOTAL	19.	22.	23.	25.	27.	29.	30.	33.	35.	38.	40.
6 KENENDI - KAMAKWIE	1 NORMAL	28.	30.	32.	35.	37.	40.	43.	46.	49.	52.	56.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	1.	2.	2.	3.	3.	4.	4.	5.	6.	7.	8.
	4 TOTAL	28.	30.	34.	36.	40.	42.	46.	49.	53.	58.	63.

SECTION	TRAFFIC	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1 PANLAP - MABOLE	1 NORMAL	166.	178.	191.	206.	221.	238.	256.	275.	295.	317.
	2 DIVERTED	3.	3.	3.	4.	4.	4.	4.	5.	5.	6.
	3 DEVELOPED	24.	27.	31.	35.	40.	45.	51.	57.	64.	72.
	4 TOTAL	190.	208.	224.	243.	263.	285.	309.	335.	364.	394.
2 MABOLE - SENDUGU	1 NORMAL	105.	111.	118.	125.	133.	141.	149.	158.	168.	178.
	2 DIVERTED	3.	3.	3.	4.	4.	4.	4.	5.	5.	6.
	3 DEVELOPED	15.	17.	19.	21.	24.	27.	30.	33.	37.	40.
	4 TOTAL	120.	130.	139.	149.	158.	170.	182.	194.	208.	223.
3 SENDUGU - MASAKUTABA	1 NORMAL	27.	28.	30.	32.	35.	37.	39.	42.	45.	48.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	4.	4.	5.	6.	6.	7.	8.	9.	10.	11.
	4 TOTAL	29.	32.	34.	37.	40.	42.	46.	49.	53.	57.
4 MASAKUTABA - BANKABI	1 NORMAL	18.	19.	20.	21.	22.	24.	25.	26.	28.	29.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	3.	3.	3.	4.	4.	4.	5.	5.	6.	7.
	4 TOTAL	19.	20.	22.	24.	26.	27.	28.	31.	33.	35.
5 BANKABI - KENENDI	1 NORMAL	39.	41.	44.	46.	49.	52.	55.	58.	62.	65.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	6.	6.	7.	8.	9.	10.	11.	12.	13.	15.
	4 TOTAL	44.	47.	50.	53.	57.	61.	65.	70.	74.	79.
6 KENENDI - KAMAKWIE	1 NORMAL	60.	64.	69.	73.	78.	84.	89.	95.	102.	109.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	9.	10.	11.	12.	14.	16.	18.	20.	22.	25.
	4 TOTAL	67.	73.	79.	85.	92.	98.	106.	114.	123.	132.

SECTION	TRAFFIC	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1 PANLAP - MABOLE												
1	NORMAL	43.	46.	48.	51.	53.	56.	59.	62.	65.	68.	71.
2	DIVERTED	0.	0.	0.	0.	0.	0.	3.	4.	4.	4.	4.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	0.	1.	2.	2.	3.
4	TOTAL	43.	46.	48.	50.	53.	55.	61.	64.	68.	72.	77.
2 MABOLE - SENDUGU												
1	NORMAL	35.	37.	39.	40.	42.	45.	45.	46.	48.	50.	52.
2	DIVERTED	0.	0.	0.	0.	0.	0.	3.	4.	4.	4.	4.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	0.	1.	1.	2.	2.
4	TOTAL	35.	37.	38.	40.	41.	45.	47.	49.	52.	53.	57.
3 SENDUGU - MASAKUTABA												
1	NORMAL	24.	27.	28.	29.	31.	32.	33.	35.	36.	38.	39.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	2.
4	TOTAL	24.	26.	28.	29.	30.	31.	33.	34.	36.	38.	40.
4 MASAKUTABA -BANKABI												
1	NORMAL	20.	21.	22.	23.	23.	24.	25.	26.	27.	28.	29.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	TOTAL	20.	21.	21.	22.	23.	24.	24.	25.	26.	27.	29.
5 BANKABI - KENENDI												
1	NORMAL	26.	28.	28.	29.	31.	32.	33.	34.	35.	36.	37.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	2.
4	TOTAL	26.	27.	28.	29.	30.	31.	32.	33.	35.	37.	38.
6 KENENDI - KAMAKWIE												
1	NORMAL	35.	38.	39.	41.	43.	44.	46.	48.	50.	52.	55.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	0.	1.	1.	2.	2.
4	TOTAL	35.	37.	39.	40.	42.	44.	46.	48.	51.	53.	56.
SECTION												
TRAFFIC												
1 PANLAP - MABOLE												
1	NORMAL	75.	78.	82.	86.	90.	95.	99.	104.	109.	114.	120.
2	DIVERTED	4.	5.	5.	5.	5.	5.	6.	6.	6.	7.	7.
3	DEVELOPED	4.	4.	5.	6.	7.	9.	10.	11.	13.	14.	16.
4	TOTAL	81.	86.	91.	95.	102.	107.	113.	120.	126.	134.	141.
2 MABOLE - SENDUGU												
1	NORMAL	53.	55.	57.	59.	62.	64.	66.	68.	71.	73.	76.
2	DIVERTED	4.	5.	5.	5.	5.	5.	6.	7.	7.	7.	7.
3	DEVELOPED	3.	3.	4.	4.	5.	6.	7.	7.	8.	9.	10.
4	TOTAL	59.	62.	64.	67.	71.	73.	77.	81.	84.	88.	91.
3 SENDUGU - MASAKUTABA												
1	NORMAL	41.	43.	45.	47.	49.	51.	53.	55.	58.	60.	63.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	2.	2.	3.	3.	4.	5.	5.	6.	7.	8.	8.
4	TOTAL	42.	44.	46.	49.	51.	54.	57.	60.	63.	67.	70.
4 MASAKUTABA -BANKABI												
1	NORMAL	50.	51.	52.	53.	54.	55.	56.	58.	59.	60.	62.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	1.	2.	2.	3.	4.	5.	5.	6.	7.	8.	8.
4	TOTAL	30.	31.	33.	34.	36.	38.	39.	41.	43.	45.	46.
5 BANKABI - KENENDI												
1	NORMAL	39.	40.	42.	43.	44.	46.	48.	49.	51.	53.	54.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	2.	2.	3.	3.	4.	4.	5.	5.	6.	7.	7.
4	TOTAL	39.	42.	43.	45.	47.	49.	51.	54.	55.	58.	61.
6 KENENDI - KAMAKWIE												
1	NORMAL	57.	59.	62.	64.	67.	70.	72.	75.	79.	82.	85.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	3.	3.	4.	5.	5.	6.	7.	8.	9.	10.	11.
4	TOTAL	58.	62.	65.	68.	71.	75.	79.	83.	87.	91.	96.
SECTION												
TRAFFIC												
1 PANLAP - MABOLE												
1	NORMAL	125.	131.	138.	144.	151.	158.	166.	174.	182.	190.	190.
2	DIVERTED	7.	8.	8.	8.	9.	9.	10.	10.	11.	11.	11.
3	DEVELOPED	18.	20.	22.	25.	27.	30.	33.	36.	40.	43.	43.
4	TOTAL	149.	158.	166.	176.	186.	196.	206.	219.	230.	244.	244.
2 MABOLE - SENDUGU												
1	NORMAL	79.	81.	84.	87.	90.	93.	97.	100.	103.	107.	107.
2	DIVERTED	7.	8.	8.	8.	9.	9.	10.	10.	11.	11.	11.
3	DEVELOPED	11.	12.	14.	15.	16.	18.	19.	21.	22.	24.	24.
4	TOTAL	96.	100.	104.	109.	114.	119.	124.	129.	135.	141.	141.
3 SENDUGU - MASAKUTABA												
1	NORMAL	65.	68.	71.	74.	77.	80.	84.	87.	91.	95.	95.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	9.	10.	11.	13.	14.	15.	17.	18.	20.	22.	22.
4	TOTAL	74.	78.	81.	86.	90.	95.	99.	105.	110.	116.	116.
4 MASAKUTABA -BANKABI												
1	NORMAL	43.	45.	46.	48.	50.	51.	53.	55.	57.	59.	59.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	6.	7.	7.	8.	9.	10.	11.	11.	12.	13.	13.
4	TOTAL	49.	50.	53.	55.	57.	60.	63.	65.	68.	71.	71.
5 BANKABI - KENENDI												
1	NORMAL	56.	58.	60.	62.	64.	67.	69.	71.	74.	76.	76.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	17.
4	TOTAL	64.	66.	69.	72.	75.	78.	81.	85.	89.	93.	93.
6 KENENDI - KAMAKWIE												
1	NORMAL	89.	92.	96.	100.	104.	108.	112.	117.	122.	127.	127.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	13.	14.	15.	17.	19.	20.	22.	24.	26.	29.	29.
4	TOTAL	100.	106.	110.	116.	121.	128.	134.	141.	147.	154.	154.

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SECTION	TRAFFIC	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1 PANLAP - MABOLE	1 NORMAL	26.	27.	28.	29.	31.	32.	38.	39.	40.	41.	42.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	
	4 TOTAL	26.	27.	28.	29.	30.	31.	38.	39.	40.	41.	44.	
2 MABOLE - SENDUGU	1 NORMAL	25.	26.	27.	28.	29.	31.	37.	38.	39.	40.	41.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	
	4 TOTAL	25.	26.	27.	28.	29.	30.	36.	37.	38.	40.	41.	
3 SENDUGU - MASAKUTABA	1 NORMAL	19.	20.	21.	21.	22.	23.	27.	28.	28.	29.	30.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	4 TOTAL	19.	19.	20.	21.	22.	23.	26.	27.	28.	29.	30.	
4 MASAKUTABA -BANKABI	1 NORMAL	17.	18.	18.	19.	20.	20.	23.	24.	24.	25.	26.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	
	4 TOTAL	17.	17.	18.	19.	20.	20.	23.	24.	24.	24.	25.	
5 BANKABI - KENENDI	1 NORMAL	16.	17.	17.	18.	19.	19.	22.	22.	23.	23.	24.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	
	4 TOTAL	16.	16.	17.	17.	18.	19.	21.	22.	22.	23.	24.	
6 KENENDI - KAMAKWIE	1 NORMAL	12.	12.	13.	13.	13.	14.	15.	15.	16.	16.	16.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	4 TOTAL	12.	12.	12.	13.	13.	13.	14.	15.	15.	16.	16.	
SECTION 1	TRAFFIC	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
	1 PANLAP - MABOLE	1 NORMAL	43.	44.	46.	47.	48.	49.	50.	51.	52.	53.	55.
		2 DIVERTED	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
		3 DEVELOPED	3.	5.	6.	7.	7.	8.	9.	10.	11.	12.	13.
4 TOTAL		45.	48.	50.	52.	54.	57.	59.	61.	63.	65.	67.	
2 MABOLE - SENDUGU	1 NORMAL	41.	42.	43.	44.	46.	47.	48.	49.	50.	51.	52.	
	2 DIVERTED	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	
	3 DEVELOPED	3.	5.	5.	6.	7.	8.	8.	9.	10.	11.	12.	
	4 TOTAL	43.	46.	48.	50.	51.	54.	56.	58.	60.	61.	63.	
3 SENDUGU - MASAKUTABA	1 NORMAL	31.	31.	32.	33.	34.	34.	35.	36.	37.	38.	39.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	2.	3.	3.	4.	4.	5.	5.	6.	6.	7.	7.	
	4 TOTAL	31.	33.	35.	35.	37.	38.	40.	40.	42.	43.	45.	
4 MASAKUTABA -BANKABI	1 NORMAL	26.	27.	27.	28.	29.	29.	30.	31.	31.	32.	33.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	1.	2.	2.	3.	3.	4.	4.	4.	4.	5.	5.	
	4 TOTAL	27.	28.	29.	30.	31.	32.	33.	34.	35.	37.	37.	
5 BANKABI - KENENDI	1 NORMAL	25.	25.	26.	26.	27.	28.	28.	29.	30.	30.	31.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	1.	2.	2.	3.	3.	3.	3.	4.	4.	5.	5.	
	4 TOTAL	25.	26.	27.	28.	29.	30.	31.	32.	33.	34.	35.	
6 KENENDI - KAMAKWIE	1 NORMAL	17.	17.	18.	18.	18.	19.	19.	20.	20.	21.	21.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	0.	1.	1.	1.	1.	1.	1.	1.	1.	2.	2.	
	4 TOTAL	16.	17.	17.	18.	18.	19.	20.	20.	21.	21.	22.	
SECTION 2	TRAFFIC	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		
	1 PANLAP - MABOLE	1 NORMAL	56.	57.	58.	59.	60.	60.	61.	61.	62.	62.	
		2 DIVERTED	1.	1.	1.	1.	2.	2.	2.	2.	2.	2.	
		3 DEVELOPED	14.	14.	15.	16.	17.	18.	18.	19.	19.	20.	
4 TOTAL		69.	71.	73.	75.	77.	78.	79.	80.	81.	82.		
2 MABOLE - SENDUGU	1 NORMAL	53.	54.	55.	56.	57.	57.	58.	58.	59.	59.		
	2 DIVERTED	1.	1.	1.	1.	2.	2.	2.	2.	2.	2.		
	3 DEVELOPED	13.	13.	14.	15.	16.	16.	17.	17.	18.	18.		
	4 TOTAL	65.	67.	69.	71.	72.	74.	74.	76.	76.	78.		
3 SENDUGU - MASAKUTABA	1 NORMAL	39.	40.	41.	42.	42.	43.	43.	44.	44.	45.		
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
	3 DEVELOPED	8.	8.	9.	9.	10.	10.	11.	11.	11.	11.		
	4 TOTAL	46.	48.	48.	50.	52.	52.	53.	53.	55.	55.		
4 MASAKUTABA -BANKABI	1 NORMAL	33.	34.	35.	35.	36.	37.	37.	37.	38.	38.		
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
	3 DEVELOPED	6.	6.	7.	7.	8.	8.	8.	8.	8.	8.		
	4 TOTAL	38.	40.	40.	42.	43.	43.	43.	45.	45.	46.		
5 BANKABI - KENENDI	1 NORMAL	32.	32.	33.	34.	34.	35.	35.	36.	36.	37.		
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
	3 DEVELOPED	5.	6.	6.	7.	7.	7.	7.	7.	7.	8.		
	4 TOTAL	36.	37.	37.	39.	40.	40.	42.	42.	43.	43.		
6 KENENDI - KAMAKWIE	1 NORMAL	22.	22.	23.	23.	24.	24.	25.	25.	26.	26.		
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
	3 DEVELOPED	2.	2.	2.	2.	2.	2.	2.	3.	3.	3.		
	4 TOTAL	22.	23.	24.	25.	26.	26.	27.	27.	27.	28.		

SECTION	TRAFFIC	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1 PANLAP - MABOLE	1 NORMAL	30.	31.	32.	34.	35.	37.	39.	41.	43.	45.	47.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	3.	3.	4.	4.	4.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	2.
	4 TOTAL	30.	30.	32.	33.	35.	37.	42.	44.	47.	49.	51.
2 MABOLE - SENDUGU	1 NORMAL	28.	26.	27.	28.	29.	30.	31.	32.	34.	35.	36.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	3.	3.	4.	4.	4.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.
	4 TOTAL	28.	26.	27.	28.	29.	30.	34.	35.	36.	38.	39.
3 SENDUGU - MASAKUTABA	1 NORMAL	25.	25.	26.	27.	28.	30.	31.	32.	34.	35.	37.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.
	4 TOTAL	25.	24.	25.	27.	28.	29.	30.	32.	33.	36.	38.
4 MASAKUTABA - BANKABI	1 NORMAL	23.	23.	24.	25.	26.	27.	27.	28.	29.	30.	31.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	4 TOTAL	23.	23.	24.	25.	26.	27.	27.	28.	29.	30.	31.
5 BANKABI - KENENDI	1 NORMAL	28.	28.	29.	30.	31.	32.	33.	34.	36.	37.	38.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	4 TOTAL	28.	28.	29.	30.	31.	32.	33.	34.	35.	37.	39.
6 KENENDI - KAMAKWIE	1 NORMAL	33.	34.	35.	37.	38.	40.	42.	44.	46.	48.	50.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	1.	2.	2.
	4 TOTAL	33.	33.	35.	36.	38.	40.	41.	43.	46.	48.	52.
-----												
1 PANLAP - MABOLE	1 NORMAL	50.	52.	55.	57.	60.	63.	66.	69.	73.	76.	80.
	2 DIVERTED	4.	4.	5.	5.	5.	5.	6.	6.	6.	6.	7.
	3 DEVELOPED	2.	3.	4.	4.	5.	6.	7.	7.	8.	8.	11.
	4 TOTAL	55.	58.	61.	65.	68.	73.	77.	81.	86.	91.	95.
2 MABOLE - SENDUGU	1 NORMAL	37.	38.	40.	41.	43.	44.	45.	47.	49.	50.	52.
	2 DIVERTED	4.	4.	5.	5.	5.	5.	6.	6.	6.	6.	7.
	3 DEVELOPED	2.	2.	3.	3.	3.	4.	5.	5.	6.	6.	7.
	4 TOTAL	42.	44.	45.	48.	49.	51.	54.	56.	59.	62.	63.
3 SENDUGU - MASAKUTABA	1 NORMAL	39.	41.	42.	44.	46.	48.	51.	53.	55.	58.	61.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	2.	2.	3.	3.	4.	4.	5.	6.	6.	7.	8.
	4 TOTAL	39.	42.	44.	47.	49.	52.	55.	58.	61.	65.	68.
4 MASAKUTABA - BANKABI	1 NORMAL	32.	33.	34.	35.	36.	37.	38.	40.	41.	42.	43.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	2.	2.	2.	3.	3.	3.	4.	4.	5.	5.	6.
	4 TOTAL	32.	33.	36.	37.	38.	40.	41.	43.	44.	47.	48.
5 BANKABI - KENENDI	1 NORMAL	39.	41.	42.	44.	45.	47.	48.	50.	51.	53.	55.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	2.	2.	3.	3.	4.	4.	5.	5.	6.	7.	7.
	4 TOTAL	40.	42.	44.	46.	48.	50.	52.	54.	56.	59.	61.
6 KENENDI - KAMAKWIE	1 NORMAL	52.	55.	57.	60.	63.	65.	68.	71.	75.	78.	82.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	3.	3.	4.	4.	5.	6.	7.	8.	9.	10.	11.
	4 TOTAL	54.	57.	60.	63.	67.	70.	74.	78.	82.	87.	91.
-----												
1 PANLAP - MABOLE	1 NORMAL	84.	88.	92.	96.	101.	106.	110.	116.	121.	127.	127.
	2 DIVERTED	7.	7.	8.	8.	9.	9.	10.	10.	11.	11.	11.
	3 DEVELOPED	12.	13.	15.	16.	18.	20.	22.	24.	26.	26.	29.
	4 TOTAL	101.	107.	112.	120.	126.	133.	140.	148.	157.	157.	165.
2 MABOLE - SENDUGU	1 NORMAL	54.	55.	57.	59.	61.	63.	65.	67.	69.	71.	71.
	2 DIVERTED	7.	7.	8.	8.	9.	9.	10.	10.	11.	11.	11.
	3 DEVELOPED	8.	8.	9.	10.	11.	12.	13.	14.	15.	16.	16.
	4 TOTAL	67.	70.	73.	76.	78.	82.	85.	88.	94.	98.	98.
3 SENDUGU - MASAKUTABA	1 NORMAL	63.	60.	69.	73.	76.	79.	83.	87.	91.	95.	95.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	9.	10.	11.	12.	14.	15.	16.	18.	20.	20.	22.
	4 TOTAL	72.	76.	80.	84.	88.	94.	99.	104.	109.	116.	116.
4 MASAKUTABA - BANKABI	1 NORMAL	45.	46.	48.	45.	51.	52.	54.	55.	57.	59.	59.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	6.	7.	8.	9.	10.	11.	11.	12.	12.	13.	13.
	4 TOTAL	50.	53.	54.	57.	59.	61.	63.	66.	69.	71.	71.
5 BANKABI - KENENDI	1 NORMAL	57.	59.	61.	63.	65.	67.	69.	71.	74.	76.	76.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	17.
	4 TOTAL	64.	66.	69.	72.	75.	78.	82.	85.	89.	93.	93.
6 KENENDI - KAMAKWIE	1 NORMAL	85.	89.	93.	97.	102.	106.	111.	116.	121.	127.	127.
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	3 DEVELOPED	12.	14.	15.	17.	18.	20.	22.	24.	26.	29.	29.
	4 TOTAL	97.	102.	108.	113.	119.	126.	132.	139.	147.	154.	154.

= TRUCK =

SECTION	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
TRAFFIC											
1 PANLAP - MABOLE											
1 NORMAL	18.	18.	19.	20.	21.	22.	27.	27.	28.	29.	30.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.
3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	2.
4 TOTAL	17.	18.	19.	20.	20.	21.	26.	27.	28.	29.	30.
2 MABOLE - SENDUGU											
1 NORMAL	17.	18.	19.	19.	20.	21.	25.	26.	27.	27.	28.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.
3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.
4 TOTAL	17.	17.	18.	19.	20.	20.	25.	26.	26.	28.	29.
3 SENDUGU - MASAKUTABA											
1 NORMAL	13.	13.	14.	14.	15.	15.	18.	19.	19.	20.	20.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.
4 TOTAL	12.	13.	13.	14.	15.	15.	18.	18.	19.	19.	20.
4 MASAKUTABA -BANKABI											
1 NORMAL	11.	12.	12.	12.	13.	13.	15.	16.	16.	17.	17.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
4 TOTAL	11.	11.	11.	12.	12.	13.	15.	15.	16.	16.	17.
5 BANKABI - KENENDI											
1 NORMAL	11.	11.	11.	12.	12.	12.	14.	15.	15.	16.	16.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
4 TOTAL	10.	10.	11.	11.	12.	12.	14.	14.	15.	15.	15.
6 KENENDI - KAMAKWIE											
1 NORMAL	7.	8.	8.	8.	8.	9.	9.	10.	10.	10.	10.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 TOTAL	7.	7.	7.	8.	8.	8.	9.	9.	9.	10.	10.

SECTION	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TRAFFIC											
1 PANLAP - MABOLE											
1 NORMAL	30.	31.	32.	33.	33.	34.	35.	36.	37.	37.	38.
2 DIVERTED	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3 DEVELOPED	2.	4.	4.	5.	5.	6.	7.	7.	8.	9.	9.
4 TOTAL	32.	34.	35.	36.	38.	40.	40.	42.	44.	45.	47.
2 MABOLE - SENDUGU											
1 NORMAL	29.	30.	30.	31.	32.	32.	33.	34.	35.	35.	36.
2 DIVERTED	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3 DEVELOPED	2.	3.	4.	5.	5.	6.	8.	7.	8.	8.	9.
4 TOTAL	29.	32.	34.	34.	36.	37.	39.	39.	41.	43.	44.
3 SENDUGU - MASAKUTABA											
1 NORMAL	21.	21.	22.	22.	23.	23.	24.	24.	25.	26.	26.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	1.	2.	2.	3.	3.	3.	4.	4.	5.	5.	5.
4 TOTAL	21.	23.	23.	24.	25.	26.	26.	28.	29.	30.	31.
4 MASAKUTABA -BANKABI											
1 NORMAL	17.	18.	18.	19.	19.	20.	20.	21.	21.	21.	22.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	1.	2.	2.	2.	2.	3.	3.	3.	3.	4.	4.
4 TOTAL	17.	18.	19.	20.	21.	21.	22.	23.	24.	24.	25.
5 BANKABI - KENENDI											
1 NORMAL	16.	17.	17.	18.	18.	18.	19.	19.	20.	20.	21.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	1.	1.	2.	2.	2.	2.	3.	3.	3.	3.	4.
4 TOTAL	16.	17.	18.	18.	19.	20.	20.	21.	22.	23.	23.
6 KENENDI - KAMAKWIE											
1 NORMAL	11.	11.	11.	11.	12.	12.	12.	12.	13.	13.	13.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.
4 TOTAL	10.	10.	11.	11.	11.	11.	12.	12.	13.	13.	14.

SECTION	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TRAFFIC										
1 PANLAP - MABOLE										
1 NORMAL	39.	40.	40.	41.	42.	42.	42.	43.	43.	43.
2 DIVERTED	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3 DEVELOPED	10.	11.	11.	12.	13.	13.	14.	14.	15.	15.
4 TOTAL	48.	50.	52.	53.	54.	55.	56.	57.	57.	58.
2 MABOLE - SENDUGU										
1 NORMAL	37.	37.	38.	39.	39.	40.	40.	40.	41.	41.
2 DIVERTED	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3 DEVELOPED	9.	10.	11.	11.	12.	12.	13.	13.	13.	14.
4 TOTAL	45.	48.	49.	50.	51.	52.	52.	53.	54.	54.
3 SENDUGU - MASAKUTABA										
1 NORMAL	27.	27.	28.	28.	29.	29.	29.	30.	30.	30.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	6.	6.	7.	7.	8.	8.	8.	8.	8.	9.
4 TOTAL	31.	33.	33.	35.	35.	36.	36.	37.	37.	38.
4 MASAKUTABA -BANKABI										
1 NORMAL	22.	23.	23.	24.	24.	24.	25.	25.	25.	25.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	4.	5.	5.	5.	6.	6.	6.	6.	6.	6.
4 TOTAL	26.	26.	27.	28.	29.	29.	29.	30.	31.	31.
5 BANKABI - KENENDI										
1 NORMAL	21.	21.	22.	22.	23.	23.	23.	24.	24.	24.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	4.	4.	4.	5.	5.	5.	5.	5.	6.	6.
4 TOTAL	24.	25.	25.	26.	28.	28.	28.	28.	28.	29.
6 KENENDI - KAMAKWIE										
1 NORMAL	14.	14.	14.	15.	15.	15.	15.	16.	16.	16.
2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 DEVELOPED	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.
4 TOTAL	14.	14.	15.	15.	16.	16.	16.	16.	17.	17.

EXTRA HEAVY VEHICLES

SECTION	TRAFFIC	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1 PANLAP - MABOLE	1 NORMAL	12.	13.	15.	14.	15.	16.	20.	21.	21.	22.	23.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	2.	
	4 TOTAL	12.	12.	13.	14.	14.	15.	20.	21.	21.	23.	23.	
2 MABOLE - SENDUGU	1 NORMAL	12.	12.	13.	13.	14.	15.	19.	20.	20.	21.	21.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	
	4 TOTAL	11.	12.	12.	13.	14.	14.	19.	20.	21.	21.	22.	
3 SENDUGU - MASAKUTABA	1 NORMAL	7.	8.	8.	9.	9.	9.	12.	13.	13.	13.	14.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	
	4 TOTAL	7.	7.	8.	9.	9.	9.	12.	12.	12.	13.	13.	
4 MASAKUTABA -BANKABI	1 NORMAL	6.	6.	7.	7.	7.	7.	9.	10.	10.	10.	11.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	4 TOTAL	5.	6.	7.	7.	7.	7.	9.	10.	10.	10.	11.	
5 BANKABI - KENENDI	1 NORMAL	5.	6.	6.	6.	6.	7.	9.	9.	9.	9.	10.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	4 TOTAL	5.	6.	6.	6.	6.	7.	9.	9.	9.	9.	10.	
6 KENENDI - KAMAKWIE	1 NORMAL	2.	3.	3.	3.	3.	3.	4.	4.	4.	4.	4.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	4 TOTAL	2.	3.	3.	3.	3.	3.	4.	4.	4.	4.	4.	
SECTION 1990-2000	TRAFFIC	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
	1 PANLAP - MABOLE	1 NORMAL	23.	24.	24.	25.	26.	26.	27.	28.	28.	29.	29.
		2 DIVERTED	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
		3 DEVELOPED	2.	4.	4.	5.	5.	6.	7.	7.	8.	9.	9.
4 TOTAL		25.	28.	28.	29.	30.	32.	32.	34.	35.	36.	38.	
2 MABOLE - SENDUGU	1 NORMAL	22.	22.	23.	23.	24.	25.	25.	26.	26.	27.	28.	
	2 DIVERTED	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	
	3 DEVELOPED	2.	3.	4.	5.	5.	6.	6.	7.	7.	8.	9.	
	4 TOTAL	22.	25.	25.	27.	29.	29.	31.	31.	33.	34.	35.	
3 SENDUGU - MASAKUTABA	1 NORMAL	14.	14.	15.	15.	15.	16.	16.	17.	17.	17.	18.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	1.	2.	2.	3.	3.	3.	4.	4.	5.	5.	5.	
	4 TOTAL	14.	16.	16.	17.	18.	18.	19.	20.	21.	22.	22.	
4 MASAKUTABA -BANKABI	1 NORMAL	11.	11.	11.	12.	12.	12.	13.	13.	13.	13.	14.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	1.	2.	2.	2.	2.	3.	3.	3.	3.	4.	4.	
	4 TOTAL	10.	12.	12.	13.	13.	14.	14.	15.	16.	16.	17.	
5 BANKABI - KENENDI	1 NORMAL	10.	10.	10.	11.	11.	11.	11.	12.	12.	12.	12.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	1.	1.	2.	2.	2.	2.	3.	3.	3.	3.	4.	
	4 TOTAL	9.	11.	11.	11.	12.	13.	13.	13.	14.	15.	15.	
6 KENENDI - KAMAKWIE	1 NORMAL	4.	4.	4.	5.	5.	5.	5.	5.	5.	5.	5.	
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	3 DEVELOPED	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	
	4 TOTAL	4.	4.	4.	4.	4.	4.	4.	5.	6.	6.	6.	
SECTION 2001-2010	TRAFFIC	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		
	1 PANLAP - MABOLE	1 NORMAL	30.	30.	31.	31.	32.	32.	32.	32.	32.	32.	
		2 DIVERTED	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	
		3 DEVELOPED	10.	11.	11.	12.	13.	13.	13.	14.	14.	15.	
4 TOTAL		39.	40.	42.	44.	44.	46.	46.	48.	47.	47.		
2 MABOLE - SENDUGU	1 NORMAL	28.	28.	29.	29.	30.	30.	30.	30.	30.	30.		
	2 DIVERTED	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.		
	3 DEVELOPED	9.	10.	11.	11.	12.	12.	12.	13.	13.	13.		
	4 TOTAL	36.	37.	39.	41.	41.	42.	42.	44.	44.	44.		
3 SENDUGU - MASAKUTABA	1 NORMAL	18.	18.	19.	19.	19.	20.	20.	20.	20.	20.		
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
	3 DEVELOPED	6.	6.	7.	7.	7.	8.	8.	8.	8.	8.		
	4 TOTAL	23.	24.	24.	25.	26.	26.	26.	27.	27.	27.		
4 MASAKUTABA -BANKABI	1 NORMAL	14.	14.	14.	15.	15.	15.	15.	15.	15.	15.		
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
	3 DEVELOPED	4.	5.	5.	5.	5.	6.	6.	6.	6.	6.		
	4 TOTAL	17.	18.	18.	19.	19.	19.	20.	20.	21.	21.		
5 BANKABI - KENENDI	1 NORMAL	13.	13.	13.	13.	14.	14.	14.	14.	14.	14.		
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
	3 DEVELOPED	4.	4.	4.	5.	5.	5.	5.	5.	5.	6.		
	4 TOTAL	15.	16.	17.	17.	17.	18.	18.	18.	18.	18.		
6 KENENDI - KAMAKWIE	1 NORMAL	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.		
	2 DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
	3 DEVELOPED	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.		
	4 TOTAL	6.	6.	6.	6.	7.	7.	7.	7.	7.	7.		

= TOTAL =

SECTION	TRAFFIC	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1 PANLAP - MABOLE												
1	NORMAL	160.	169.	178.	188.	198.	209.	233.	244.	256.	268.	281.
2	DIVERTED	0.	0.	0.	0.	0.	0.	9.	9.	10.	11.	11.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	1.	3.	6.	9.	13.
4	TOTAL	160.	169.	178.	188.	197.	208.	240.	256.	270.	287.	303.
2 MABOLE - SENDUGU												
1	NORMAL	136.	148.	155.	162.	169.	176.	196.	204.	212.	219.	228.
2	DIVERTED	0.	0.	0.	0.	0.	0.	9.	9.	10.	11.	11.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	1.	3.	5.	8.	10.
4	TOTAL	135.	147.	154.	161.	168.	176.	204.	214.	225.	236.	248.
3 SENDUGU - MASAKUTABA												
1	NORMAL	95.	99.	103.	108.	112.	117.	130.	135.	141.	146.	152.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	TOTAL	94.	98.	102.	107.	112.	117.	130.	135.	141.	146.	152.
4 MASAKUTABA - BANKABI												
1	NORMAL	81.	84.	88.	91.	94.	98.	107.	111.	114.	118.	121.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	TOTAL	81.	84.	87.	90.	94.	97.	106.	111.	116.	120.	125.
5 BANKABI - KENENDI												
1	NORMAL	54.	59.	103.	107.	111.	116.	125.	130.	134.	139.	144.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	1.	2.	3.	4.	6.
4	TOTAL	54.	59.	102.	107.	111.	115.	125.	130.	136.	143.	148.
6 KENENDI - KAMAKWIE												
1	NORMAL	102.	107.	112.	117.	122.	128.	135.	141.	148.	154.	161.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	1.	2.	3.	4.	6.
4	TOTAL	101.	106.	111.	116.	122.	127.	135.	142.	150.	158.	166.
SECTION												
TRAFFIC												
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000												
1 PANLAP - MABOLE												
1	NORMAL	294.	309.	324.	335.	350.	373.	392.	411.	432.	453.	476.
2	DIVERTED	12.	12.	13.	14.	14.	15.	16.	17.	18.	19.	20.
3	DEVELOPED	16.	24.	29.	34.	39.	44.	50.	57.	63.	71.	79.
4	TOTAL	321.	344.	364.	383.	407.	432.	456.	483.	511.	541.	572.
2 MABOLE - SENDUGU												
1	NORMAL	236.	245.	254.	264.	274.	284.	295.	306.	317.	329.	342.
2	DIVERTED	12.	12.	13.	14.	14.	15.	16.	17.	18.	19.	20.
3	DEVELOPED	13.	20.	24.	27.	31.	35.	40.	44.	49.	54.	60.
4	TOTAL	260.	276.	290.	303.	318.	333.	348.	365.	383.	401.	419.
3 SENDUGU - MASAKUTABA												
1	NORMAL	158.	164.	170.	177.	183.	191.	198.	206.	214.	222.	231.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	8.	13.	15.	17.	20.	22.	25.	28.	31.	35.	38.
4	TOTAL	165.	175.	184.	193.	202.	212.	222.	233.	244.	256.	268.
4 MASAKUTABA - BANKABI												
1	NORMAL	125.	129.	133.	138.	142.	146.	151.	156.	160.	165.	171.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	6.	9.	11.	13.	15.	16.	18.	20.	23.	25.	27.
4	TOTAL	131.	138.	144.	149.	155.	162.	168.	175.	182.	189.	197.
5 BANKABI - KENENDI												
1	NORMAL	149.	154.	160.	165.	171.	177.	183.	190.	196.	203.	210.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	7.	10.	12.	14.	16.	19.	21.	23.	26.	29.	32.
4	TOTAL	155.	164.	171.	179.	187.	199.	205.	212.	222.	231.	241.
6 KENENDI - KAMAKWIE												
1	NORMAL	169.	176.	184.	192.	201.	210.	220.	230.	240.	251.	263.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	7.	10.	12.	14.	16.	18.	21.	24.	27.	30.	34.
4	TOTAL	175.	185.	195.	205.	216.	228.	240.	252.	267.	281.	296.
SECTION												
TRAFFIC												
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010												
1 PANLAP - MABOLE												
1	NORMAL	499.	524.	550.	577.	607.	636.	667.	700.	735.	772.	811.
2	DIVERTED	21.	22.	23.	24.	25.	26.	27.	29.	30.	32.	34.
3	DEVELOPED	87.	95.	106.	117.	128.	139.	151.	164.	178.	193.	209.
4	TOTAL	606.	640.	677.	716.	758.	800.	844.	891.	941.	995.	1054.
2 MABOLE - SENDUGU												
1	NORMAL	594.	617.	641.	665.	690.	716.	743.	771.	800.	830.	861.
2	DIVERTED	21.	22.	23.	24.	25.	26.	27.	29.	30.	32.	34.
3	DEVELOPED	65.	71.	77.	84.	91.	97.	104.	111.	118.	126.	134.
4	TOTAL	439.	459.	479.	500.	524.	545.	568.	591.	617.	643.	671.
3 SENDUGU - MASAKUTABA												
1	NORMAL	239.	249.	258.	268.	278.	288.	298.	309.	321.	332.	343.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	42.	48.	50.	54.	59.	65.	67.	72.	77.	83.	89.
4	TOTAL	280.	293.	307.	321.	336.	350.	365.	381.	397.	414.	432.
4 MASAKUTABA - BANKABI												
1	NORMAL	176.	181.	186.	192.	198.	203.	208.	214.	220.	226.	232.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	30.	32.	35.	38.	40.	45.	48.	51.	54.	58.	62.
4	TOTAL	204.	212.	220.	228.	237.	244.	253.	262.	271.	280.	288.
5 BANKABI - KENENDI												
1	NORMAL	218.	225.	233.	241.	249.	257.	266.	274.	283.	293.	303.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	35.	38.	41.	45.	49.	52.	56.	60.	64.	68.	73.
4	TOTAL	251.	262.	273.	284.	297.	305.	320.	333.	346.	360.	376.
6 KENENDI - KAMAKWIE												
1	NORMAL	275.	287.	300.	314.	329.	343.	359.	375.	393.	410.	428.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	38.	42.	47.	51.	57.	62.	68.	75.	81.	89.	97.
4	TOTAL	311.	329.	346.	365.	384.	405.	427.	449.	473.	498.	525.

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SECTION	TRAFFIC	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1 PANLAP - MABOLE												
1	NORMAL	221.	232.	244.	257.	271.	285.	326.	341.	356.	371.	387.
2	DIVERTED	0.	0.	0.	0.	0.	0.	12.	13.	13.	14.	15.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	1.	4.	9.	14.	19.
4	TOTAL	220.	231.	244.	257.	270.	284.	336.	357.	377.	398.	419.
2 MABOLE - SENDUGU												
1	NORMAL	153.	206.	216.	225.	236.	246.	262.	292.	303.	313.	324.
2	DIVERTED	0.	0.	0.	0.	0.	0.	12.	13.	13.	14.	15.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	1.	4.	9.	14.	19.
4	TOTAL	153.	206.	215.	225.	235.	246.	293.	307.	322.	337.	353.
3 SENDUGU - MASAKUTABA												
1	NORMAL	136.	141.	147.	154.	161.	168.	191.	199.	206.	213.	221.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	0.	2.	5.	8.	10.
4	TOTAL	135.	140.	147.	154.	161.	168.	191.	200.	210.	220.	231.
4 MASAKUTABA -BANKABI												
1	NORMAL	116.	120.	125.	130.	139.	140.	157.	162.	167.	172.	177.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	0.	2.	4.	6.	8.
4	TOTAL	116.	120.	125.	129.	134.	140.	156.	163.	170.	177.	184.
5 BANKABI - KENENDI												
1	NORMAL	129.	135.	141.	146.	152.	158.	179.	181.	187.	193.	200.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	1.	2.	4.	6.	9.
4	TOTAL	129.	135.	140.	146.	152.	158.	174.	182.	190.	199.	207.
6 KENENDI - KAKAKWIE												
1	NORMAL	130.	135.	141.	148.	154.	161.	172.	179.	187.	195.	204.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	0.	0.	0.	0.	0.	0.	1.	2.	4.	6.	8.
4	TOTAL	129.	135.	141.	147.	154.	161.	171.	181.	190.	200.	210.
SECTION												
TRAFFIC												
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000												
1 PANLAP - MABOLE												
1	NORMAL	404.	422.	440.	459.	480.	501.	523.	546.	571.	596.	623.
2	DIVERTED	16.	17.	18.	18.	19.	20.	21.	23.	24.	25.	26.
3	DEVELOPED	25.	38.	46.	53.	60.	68.	77.	86.	96.	106.	117.
4	TOTAL	443.	475.	502.	529.	558.	588.	619.	653.	688.	726.	766.
2 MABOLE - SENDUGU												
1	NORMAL	335.	346.	358.	370.	383.	396.	410.	424.	438.	453.	468.
2	DIVERTED	16.	17.	18.	18.	19.	20.	21.	23.	24.	25.	26.
3	DEVELOPED	21.	33.	39.	45.	51.	57.	64.	71.	78.	86.	94.
4	TOTAL	369.	394.	413.	432.	451.	471.	493.	515.	537.	561.	587.
3 SENDUGU - MASAKUTABA												
1	NORMAL	229.	238.	246.	255.	264.	274.	284.	294.	305.	316.	328.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	13.	21.	25.	29.	33.	37.	41.	46.	51.	56.	61.
4	TOTAL	242.	257.	270.	283.	296.	310.	325.	339.	355.	371.	388.
4 MASAKUTABA -BANKABI												
1	NORMAL	183.	188.	194.	200.	205.	212.	218.	224.	231.	238.	245.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	10.	16.	19.	21.	24.	27.	30.	34.	37.	41.	44.
4	TOTAL	192.	203.	211.	220.	229.	238.	247.	257.	267.	277.	288.
5 BANKABI - KENENDI												
1	NORMAL	206.	213.	220.	228.	235.	243.	251.	259.	268.	277.	286.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	11.	16.	20.	22.	26.	29.	32.	36.	40.	44.	48.
4	TOTAL	216.	229.	239.	249.	260.	270.	282.	294.	306.	319.	333.
6 KENENDI - KAKAKWIE												
1	NORMAL	213.	222.	232.	242.	252.	263.	275.	287.	300.	313.	327.
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	DEVELOPED	10.	13.	15.	18.	21.	24.	27.	31.	35.	39.	44.
4	TOTAL	221.	233.	246.	259.	272.	287.	301.	317.	333.	351.	369.
SECTION												
TRAFFIC												
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010												
1 PANLAP - MABOLE												
1	NORMAL	650.	679.	709.	740.	774.	806.	840.	876.	914.	954.	
2	DIVERTED	27.	29.	30.	32.	33.	35.	36.	38.	40.	41.	
3	DEVELOPED	128.	140.	153.	167.	182.	195.	209.	224.	241.	258.	
4	TOTAL	805.	846.	891.	938.	987.	1033.	1084.	1136.	1192.	1253.	
2 MABOLE - SENDUGU												
1	NORMAL	483.	499.	515.	532.	549.	564.	580.	597.	614.	632.	
2	DIVERTED	27.	29.	30.	32.	33.	35.	36.	38.	40.	41.	
3	DEVELOPED	102.	110.	119.	128.	138.	145.	154.	162.	171.	181.	
4	TOTAL	611.	635.	662.	689.	718.	743.	769.	795.	824.	854.	
3 SENDUGU - MASAKUTABA												
1	NORMAL	359.	371.	383.	376.	389.	401.	414.	427.	440.	455.	
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
3	DEVELOPED	67.	72.	78.	85.	91.	97.	103.	109.	116.	123.	
4	TOTAL	405.	422.	440.	459.	479.	497.	516.	535.	555.	576.	
4 MASAKUTABA -BANKABI												
1	NORMAL	251.	258.	265.	272.	280.	286.	293.	300.	307.	314.	
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
3	DEVELOPED	48.	52.	56.	60.	64.	68.	71.	75.	79.	83.	
4	TOTAL	298.	309.	320.	331.	343.	353.	363.	373.	384.	395.	
5 BANKABI - KENENDI												
1	NORMAL	295.	304.	314.	323.	334.	343.	353.	363.	374.	385.	
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
3	DEVELOPED	52.	57.	62.	66.	72.	76.	81.	86.	91.	97.	
4	TOTAL	346.	359.	374.	388.	404.	419.	432.	446.	464.	480.	
6 KENENDI - KAKAKWIE												
1	NORMAL	341.	356.	371.	388.	405.	422.	441.	460.	480.	501.	
2	DIVERTED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
3	DEVELOPED	49.	54.	59.	65.	72.	78.	85.	93.	101.	110.	
4	TOTAL	389.	408.	430.	452.	475.	500.	525.	552.	580.	609.	



APPENDIX M	現況調査
M-1	道路現況調査表
M-2	橋梁現況調査表
APPENDIX N	地形測量
APPENDIX O	気象データ
APPENDIX P	土質試験とオーガーボーリングの結果
P-1	土質試験結果
P-2	現存マボレ橋におけるオーガーボーリングの結果
APPENDIX Q	水文解析
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APPENDIX S	図面
S-1	代替案Aの平面図と縦断図
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S-3	代替案Cの平面図と縦断図
S-4	標準横断図
S-5	標準ボックスカルバート, パイプカルバート
S-6	標準橋梁
S-7	マボレ橋の代替案と一般図
S-8	主要橋梁の一般図
S-9	交差点, バス停留場, 駐車帯
APPENDIX T	費用算定
T-1	財政的, 経済的建設費の概略算定
T-2	維持, 補修費の概略算定
T-3	経済的費用の算定

## 第3部 技術調査部門

APPENDIX M-1

道路現況調査表

NO. 1

IMPROVEMENT		WI.	RE-ALIGNMENT VERTICAL	WIDENING				RE-ALIGNMENT VERTICAL							
BRIDGE AND DRAINAGE STRUCTURES		C-P(2.0')-27.3'	C-P(2.0')-20.7'	C-P(2.0')-24.0'	C-P(2.0')-21.0'			C-P(2.0')-19.2'							
(FEET)															
ROAD MATERIAL	KIND														
	CONDITION														
ALIGNMENT	VERTICAL (%)														
	HORIZONTAL (FEET)														
CROSS SECTION AND LAND USE		VILLAGE	BUSH	VILLAGE	RICE FIELD FARM	VILLAGE	BUSH	BUSH							
		VILLAGE	BUSH	VILLAGE	RICE FIELD FARM	VILLAGE	BUSH	BUSH							
ROAD SURFACE	TYPE	GRAVEL SAND SILTY CLAY													
	CONDITION	FAIR													
TERRAIN		FLAT TERRAIN													
NAME OF VILLAGE		PANLAP				YELISANDA									
DISTANCE	MILE	0													
	KILOMETER	0.0	200	400	600	800	NO.1	200	400	600	800	NO.2	200	400	600

# 道路現況調査表

NO. 2

IMPROVEMENT		RE-ALIGNMENT VERTICAL	WIDENING				RE-ALIGNMENT HORIZONTAL	WI.							
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)		C-P3(20')-190'	C-P(2.0')-23.7'	C-P(2.0')-24.0'	C-P(2.0')-24.3'	BR-(10'11" x 17'6")									
ROAD MATERIAL	KIND	COBBLE STONE													
	CONDITION														
ALIGN- MENT	VERTICAL (%)														
	HORIZON- TAL (FEET)														
CROSS SECTION AND LAND USE		BUSH	BUSH	VILLAGE	RICE FIELD	FARM	VILLAGE	BUSH							
CROSS SECTION AND LAND USE															
CROSS SECTION AND LAND USE		BUSH	BUSH	VILLAGE	RICE FIELD	FARM	VILLAGE	BUSH							
ROAD SURFACE	TYPE	GRAVEL SAND SILTY CLAY		SAND SILTY CLAY											
	CONDITION	FAIR													
TERRAIN		FLAT TERRAIN													
NAME OF VILLAGE		YONI					WARI								
DISTANCE	MILE	2													
	KILOMETER	800	NO.3	200	400	600	800	NO.4	200	400	600	800	NO.5	200	400

# 道路現況調査表

NO. 3

IMPROVEMENT		WI.	RE - ALIGNMENT HORIZONTAL			RE - ALIGNMENT VERTICAL			WI.	RE - ALIGNMENT HORIZONTAL						
BRIDGE AND DRAINAGE STRUCTURES			C - P (1.5') - 23.3'	BR - (11' 1" x 53' 4")	C - P (1.5') - 22.7'	C - P - 2 (1.5') - 31.7'	C - P (20') - 33.7'		C - P - 3 (2' 0") - 18' 3"	C - P (2.0') - 21.7'	BR - (14.9" x 332' 2")					
(FEET)																
ROAD MATERIAL	KIND	COBBLE STONE						SAND WATER								
	CONDITION	ø 7' ~ 30'						AVAI LABLE THROUGHOUT THE YEAR								
ALIGN - MENT	VERTICAL (%)															
	HORIZONTAL (FEET)															
CROSS SECTION AND LAND USE		RICE FIELD VILLAGE			RICE FIELD VILLAGE FARM			BUSH		RICE FIELD						
LAND USE		RICE FIELD VILLAGE			RICE FIELD VILLAGE FARM			BUSH		RICE FIELD						
ROAD SURFACE	TYPE	SAND SILTY CLAY			GRAVEL SAND SILTY CLAY											
	CONDITION	F A I R						G O O D								
TERRAIN		FLAT TERRAIN														
NAME OF VILLAGE		KUNSHU						MANEGRE			MABOLE RIVER					
DISTANCE	MILE	4														
	KILOMETER	5														
		600	800	NO.6	200	400	600	800	NO.7	200	400	600	800	NO.8	200	400

# 道路現況調査表

NO. 4

IMPROVEMENT		RE-ALIGNMENT HORIZONTAL	WI.	RE-ALIGNMENT HORIZONTAL		WIDENING	RE-ALIGNMENT VERTICAL	WI.							
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)				BRC-(12'10"x9'8")	C-P(2.0')-23.3'	C-P-2(2.0')-11.0'	BRC-(12'10"x14'7") C-P(2.1')-23.7' C-P(2.1')-24.0' (CLOSE) C-P(2.1')-26.3'								
ROAD MATERIAL	KIND														
	CONDITION														
ALIGN- MENT	VERTICAL (%)														
	HORIZON- TAL (FEET)														
CROSS SECTION AND LAND USE		FOREST		VILLAGE	RICE FIELD	RICE FIELD	RICE FIELD	RICE FIELD							
CROSS SECTION AND LAND USE			10'-9"		13'-0"		13'-5"								
CROSS SECTION AND LAND USE		FOREST		VILLAGE	RICE FIELD	RICE FIELD	RICE FIELD	RICE FIELD							
ROAD SURFACE	TYPE		SAND SILTY CLAY			GRAVEL SAND SILTY CLAY									
	CONDITION	GOOD	F A I R		GOOD	F A I R									
TERRAIN		ROLLING - TERRAIN			LOW - LAND		FLAT TERRAIN								
NAME OF VILLAGE		MAFURE			MANGO										
DISTANCE	MILE														
	KILOMETER	400	600	800	NO.9	200	400	600	800	NO.10	200	400	600	800	NO.11

# 道路現況調査表

NO. 5

IMPROVEMENT		WIDENING			RE-ALIGNMENT HORIZONTAL	WIDENING	RE-ALIGNMENT HORIZONTAL	W.I.	RE-ALIGNMENT HORIZONTAL									
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)		C-P(1.0')-20.3'	C-P(2.0')-20.7'	C-P(2.0')-23.0'			BR-(11'1" x 32'2")	C-P(2.0')-24.2'										
ROAD MATERIAL	KIND																	
	CONDITION																	
ALIGN- MENT	VERTICAL (%)																	
	HORIZON- TAL (FEET)	7 000	1 300	∞	2 000	∞	700	700	1 200	1 200	∞	200	∞	1 700	240	400	400	400
CROSS SECTION AND LAND USE		BUSH	BUSH	BUSH	BUSH	BUSH	BUSH	BUSH	VILLAGE	BUSH								
CROSS SECTION AND LAND USE																		
CROSS SECTION AND LAND USE		BUSH	BUSH	BUSH	BUSH	BUSH	BUSH	BUSH	VILLAGE	BUSH								
ROAD SURFACE	TYPE	SAND SILTY CLAY																
	CONDITION	F A I R																
TERRAIN		FLAT TERRAIN																
NAME OF VILLAGE		TAMBIANU																
DISTANCE	MILE	8																
	KILOMETER	200	400	600	800	NO.12	200	400	600	800	NO.13	200	400	600	800	NO.14		

# 道路現況調査表

NO. 6

IMPROVEMENT		WIDENING	RE-ALIGNMENT HORIZONTAL	WIDENING	RE-ALIGNMENT HORIZONTAL	WIDENING
BRIDGE AND DRAINAGE STRUCTURES		C-P(20')-18.3'		C-P(20')-17.5'	C-P(1.0')-14.8'	C-P(2.0')-19.2'
(FEET)						BR-(11'0" x 15.1")
ROAD MATERIAL		COBBLE STONE				
ALIGNMENT						
CROSS SECTION AND LAND USE		BUSH	BUSH	FARM	VILLEGE	BUSH
ROAD SURFACE		SAND SILTY CLAY				
TERRAIN		FLAT TERRAIN				
NAME OF VILLAGE		MAIYATA				
DISTANCE		9				
MILE		10				
KILOMETER		NO.14	200	400	600	800
		NO.15	200	400	600	800
		NO.16	200	400	600	800

# 道路現況調査表

NO. 7

IMPROVEMENT		RE - ALIGNMENT HORIZONTAL	WIDENING	RE - ALIGNMENT VERTICAL	WIDENING	RE - ALIGNMENT VERTICAL	
BRIDGE AND DRAINAGE STRUCTURERS		BR - (10' 8" x 19')				C - P - 2(20) - 237'	
(FEET)							
ROAD MATERIAL	KIND						
	CONDITION						
ALIGN - MENT	VERTICAL (%)	2.0	1.0	3.0	3.0	9.0	
	HORIZON - TAL (FEET)	500	900	800	2 700	2 000	
CROSS SECTION AND LAND USE		VILLAGE					15:00
ROAD SURFACE		SAND SILTY CLAY	GRAVEL SAND SILTY CLAY	SAND SILTY CLAY	GRAVEL SAND SILTY CLAY	SAND SILTY CLAY	
TERRAIN		FAIR	GOOD	FAIR	BAD	FAIR	
NAME OF VILLAGE		MAFURE					12
DISTANCE		MILE					KILOMETER
		800	NO.17	200	400	600	
		800	NO.18	200	400	600	
		800	NO.19	200	400	600	



# 道路現況調査表

NO. 8

IMPROVEMENT		RE-ALIGNMENT VERTICAL	WIDENING													
BRIDGE AND DRAINAGE STRUCTURERS			C-P (20') - 21.2' C-P (20') - 21.2' (CLOSE)			C-P (20') - 19.2' C-P (20') - 23.7' (CLOSE)			C-P (20') - 23.7'			C-P (20') - 18.2'			BR - (11' x 32.8')	
ROAD MATERIAL		(FEET)	COBBLE STONE													
KIND	CONDITION															
ALIGNMENT		VERTICAL (%)														
CROSS SECTION AND LAND USE		HORIZONTAL (FEET)														
ROAD SURFACE		TYPE	GRAVE SAND SILTY CLAY				SAND SILTY CLAY									
TERRAIN		CONDITION	BAD (WET)				FAIR									
NAME OF VILLAGE		TERRAIN	LOW-LAND				FLAT TERRAIN									
DISTANCE		NAME OF VILLAGE	KALANGBA						MAKAMBI							
MILE	KILOMETER	DISTANCE														

# 道路現況調査表

NO. 9

IMPROVEMENT		WIDENING	RE - ALIGNMENT VERTICAL		WIDENING		RE - ALIGNMENT HORIZONTAL								
BRIDGE AND DRAINAGE STRUCTURERS				C - P - 5 (2.0') - 18.6"	C - P (2.0') - 21.5'	C - P - 3 (20') - 17.6"	C - P (2.0') - 23.7'								
(FEET)															
ROAD MATERIAL	KIND														
	CONDITION														
ALIGN - MENT	VERTICAL (%)														
	HORIZON - TAL (FEET)														
CROSS SECTION AND LAND USE		RICE FIELD	RICE FARM	BUSH	BUSH	BUSH									
RICE FIELD		RICE FARM	BUSH	BUSH	BUSH	BUSH									
ROAD SURFACE	TYPE	SAND SILTY CLAY													
	CONDITION	F A I R													
TERRAIN		FLAT TERRAIN													
NAME OF VILLAGE															
DISTANCE	MILE	14					15								
	KILOMETER	-400	-600	-800	NO.23	-200	-400	-600	-800	NO.24	-200	-400	-600	-800	NO.25

# 道路現況調査表

NO. 10

IMPROVEMENT		RE-ALIGNMENT HORIZONTAL	WIDENING	RE-ALIGNMENT VERTICAL	RE-ALIGNMENT HORIZONTAL		WIDENING			
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)			C-P(20')-21.3' (CLOSE)	C-P(20')-15.7' (CLOSE BROKEN) BR-(11'0"x50'6")	C-P(20')-21.0'	C-P(25')-23.7'	BR-(11'0"x96'2")	BR-(11'0"x17'7") C-P(20')-24.5' (CLOSE) C-P(20')-23.5' (CLOSE)		
ROAD MATERIAL	KIND	PROPOSED QUARRY SITE			WATER					
	CONDITION	ø2 ~ ø70			AVAILABLE THROUGHOUT THE YEAR					
ALIGN- MENT	VERTICAL (%)									
	HORIZON- TAL (FEET)									
CROSS SECTION AND LAND USE		BUSH RICE FIELD VILLAGE		BUSH		BUSH VILLAGE		FOREST		
CROSS SECTION AND LAND USE										
ROAD SURFACE	TYPE	SAND SILTY CLAY			GRAVEL SAND SILTY CLAY		SAND SILTY CLAY			
	CONDITION	FAIR	BAD	FAIR						
TERRAIN		FLAT TERRAIN			ROLLING-TERRAIN		FLAT TERRAIN			
NAME OF VILLAGE		MATEHUN			MABANGURU					
DISTANCE	MILE	16			17					
	KILOMETER	200	400	600	800	NO.26	200	400	600	800

# 道路現況調査表

NO. 11

IMPROVEMENT		WIDENING											
BRIDGE AND DRAINAGE STRUCTURES		<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">C-P (2.5') - 16.0'</div> <div style="text-align: center;">C-P (2.0') - 21.0' (CLOSE)</div> <div style="text-align: center;">BR - (11'0" x 17.8')</div> <div style="text-align: center;">C-P (2.3') - 17.8' (CLOSE)</div> </div>											
ROAD MATERIAL		(FEET)											
ALIGNMENT	KIND												
	CONDITION												
ALIGNMENT	VERTICAL (%)												
	HORIZONTAL (FEET)												
CROSS SECTION AND LAND USE		<div style="display: flex; justify-content: space-between; text-align: center;"> <span>RICE FIELD</span> <span>FOREST VILLAGE</span> <span>BUSH</span> <span>RICE FIELD</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> </div>											
ROAD SURFACE		<div style="display: flex; justify-content: space-between; text-align: center;"> <span>RICE FIELD</span> <span>FOREST VILLAGE</span> <span>BUSH</span> <span>RICE FIELD</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <span>SAND</span> <span>SILTY CLAY</span> </div>											
TERRAIN		<div style="display: flex; justify-content: space-between; text-align: center;"> <span>FAIR</span> <span>BAD</span> <span>FAIR</span> </div>											
NAME OF VILLAGE		FLAT TERRAIN											
NAME OF VILLAGE		MANYE											
DISTANCE	MILE	<div style="display: flex; justify-content: space-between;"> <span>NO.28</span> <span>18</span> <span>NO.29</span> <span>NO.30</span> </div>											
	KILOMETER	<div style="display: flex; justify-content: space-between;"> <span>200</span> <span>400</span> <span>600</span> <span>800</span> <span>200</span> <span>400</span> <span>600</span> <span>800</span> <span>200</span> <span>400</span> <span>600</span> <span>800</span> </div>											

# 道路現況調査表

NO. 12

IMPROVEMENT		WIDENING													
BRIDGE AND DRAINAGE STRUCTURES				C-P(2.0')-19.8'		BR-(15'9"x10'6")		C-P(2.0')-26.0'		C-P(2.0')-23.0' BRC-(17'5"x13'1")		C-P(1.8')-23.5'		C-P(2.0')-20.8'	
ROAD MATERIAL		(FEET)		COBBLE STONE		PROPOSED QUARRY SITE									
ALIGNMENT		KIND													
ALIGNMENT		CONDITION													
ALIGNMENT		VERTICAL (%)		0.5		0.0		3.0		6.0		1.0		1.0	
ALIGNMENT		HORIZONTAL (FEET)		∞		1300		∞		1500		∞		2000	
CROSS SECTION AND LAND USE		RICE FIELD		VILLAGE				RICE FIELD		RICE FIELD					
CROSS SECTION AND LAND USE		VILLAGE		4.3'				RICE FIELD		RICE FIELD					
ROAD SURFACE		TYPE				SAND		SILTY CLAY							
ROAD SURFACE		CONDITION		FAIR				GOOD				FAIR			
TERRAIN		FLAT TERRAIN				LOW-LAND				FLAT TERRAIN		LOW-LAND			
NAME OF VILLAGE		GBENDEMBU						MASEMBI							
DISTANCE		MILE				20								21	
DISTANCE		KILOMETER		-800		NO.31		-200		-400		-600		-800	
DISTANCE		KILOMETER		-800		NO.32		-200		-400		-600		-800	
DISTANCE		KILOMETER		-800		NO.33		-200		-400		-600		-800	

# 道路現況調査表

NO. 13

IMPROVEMENT		WIDENING				RE-ALIGNMENT HORIZONTAL	WIDENING				RE-ALIGNMENT HORIZONTAL					
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)		BR-(11'0" x 27'5")		C-P(2.0')-18.2'		BR-(16'1" x 27'8")	C-P(2.0')-18.3'		C-P-2(2.0')-17.7'		C-P(1.3')-18.0'	C-P(2.3')-18.2'		BRC-(13'11" x 12'2")	C-P(1.2')-20.3'	
ROAD MATERIAL	KIND															
	CONDITION															
ALIGN- MENT	VERTICAL (%)															
	HORIZON- TAL (FEET)															
CROSS SECTION AND LAND USE		RICE FIELD		BUSH				BUSH				BUSH				
ROAD SURFACE		RICE FIELD		SAND SILTY CLAY				BUSH				VILLAGE		BUSH		
TERRAIN		LOW-LAND		FLAT TERRAIN												
NAME OF VILLAGE		MATIKIA										MAGBANDANI				
DISTANCE	MILE															
	KILOMETER															

# 道路現況調査表

NO. 14

IMPROVEMENT		RE-ALIGNMENT HORIZONTAL	WIDENING													
BRIDGE AND DRAINAGE STRUCTURES			C-P(2.0')-20.8'	C-P(2.6')-17.3'	C-P(1.3')-18.0'	BRC-(13'9"x12'2")	C-P(1.3')-18.7'	C-P(1.2')-20.3'	C-P(2.3')-17.7'	C-P(1.3')-17.8'	C-P(1.5')-23.2'					
(FEET)																
ROAD MATERIAL	KIND		COBBLE STONE													
	CONDITION															
ALIGN- MENT	VERTICAL (%)		3.0	1.0			3.0		0.0	4.0	3.0					
	HORIZON- TAL (FEET)		∞	1,000	700	2,000	∞	6,000	∞	4,000	∞	6,000	∞			
CROSS SECTION AND LAND USE			FARM	GRASS LAND												
CROSS SECTION AND LAND USE			FARM	GRASS LAND	RICE FIELD											
ROAD SURFACE	TYPE		SAND SILTY CLAY													
	CONDITION		FAIR													
TERRAIN			FLAT TERRAIN													
NAME OF VILLAGE			B O M													
DISTANCE	MILE		23						24							
	KILOMETER		400	600	800	NO.37	200	400	600	800	NO.38	200	400	600	800	NO.39

# 道路現況調査表

NO. 15

IMPROVEMENT		WIDENING	RE-ALIGNMENT HORIZONTAL		WIDENING			
BRIDGE AND DRAINAGE STRUCTURES  (FEET)		C-P-2(2.0')-25.3'	C-P(2.0')-18.3'	C-P(2.0')-23.7'	C-P(2.0')-20.7'	C-P(2.0')-20.7'	C-P-2(2.0')-19.0'	
ROAD MATERIAL		COBBLE STONE						
KIND	CONDITION							
ALIGN - MENT								
CROSS SECTION AND LAND USE								49'6"
ROAD SURFACE		SAND SILTY CLAY			GRAVEL SAND SILTY CLAY			
TYPE								
CONDITION		F A I R						GOOD
TERRAIN		FLAT TERRAIN				ROLLING - TERRAIN		
NAME OF VILLAGE								
DISTANCE								
MILE		NO. 25						NO. 26
KILOMETER		200	400	600	800	NO. 41	NO. 42	



# 道路現況調査表

NO. 16

IMPROVEMENT		RE-ALIGNMENT HORIZONTAL	WIDENING	RE-ALIGNMENT HORIZONTAL	WIDENING										
BRIDGE AND DRAINAGE STRUCTURES		C-P(2.5')-21.3'	C-P(2.1')-20.3' C-P(2.1')-18.3' C-P(2.5')-1.77'	C-P(2.5')-16.0'  BR-(13'11" x 6'8")	C-P(2.5')-24.0'  BRC-(13'11" x 1'4")  C-P(2.5')-21.2'										
(FEET)															
ROAD MATERIAL	KIND	WATER													
	CONDITION	AVAILABLE THROUGHOUT THE YEAR													
ALIGNMENT	VERTICAL (%)														
	HORIZONTAL (FEET)														
CROSS SECTION AND LAND USE		FOREST		VILLAGE											
ROAD SURFACE	TYPE	GRAVEL SAND SILTY CLAY	SAND SILTY CLAY	GRAVEL SAND SILTY CLAY	SAND SILTY CLAY										
	CONDITION	FAIR		BAD											
TERRAIN		FLAT TERRAIN		LOW-LAND											
NAME OF VILLAGE		MABUTI													
DISTANCE	MILE	27				28									
	KILOMETER	NO.42	200	400	600	800	NO.43	200	400	600	800	NO.44	200	400	600

# 道路現況調査表

NO. 17

IMPROVEMENT		WI.	RE - ALIGNMENT HORIZONTAL				WIDENING	RE - ALIGNMENT HORIZONTAL				WI.			
BRIDGE AND DRAINAGE STRUCTURES			BRC-(13'11" x 12'10")	BR-(11'0" x 28'3")	C-P(2.1')-17.5' (CLOSE)			BRC-(14'1" x 8'0")							
(FEET)															
ROAD MATERIAL	KIND	COBBLE STONE													
	CONDITION														
ALIGNMENT	VERTICAL (%)														
	HORIZONTAL (FEET)														
CROSS SECTION AND LAND USE		BUSH	VILLAGE	VILLAGE	RICE FIELD	VILLAGE	VILLAGE	RICE FIELD	VILLAGE	VILLAGE	FARM	FARM			
CROSS SECTION AND LAND USE															
ROAD SURFACE	TYPE	SAND SILTY CLAY													
	CONDITION	FAIR					GOOD					GRAVEL SAND SILTY CLAY			
TERRAIN		FLAT TERRAIN					ROLLING - TERRAIN					FLAT TERRAIN			
NAME OF VILLAGE		KAIMPO			RIBIA			BOM							
DISTANCE	MILE	28						29							
	KILOMETER	800	NO45	200	400	600	800	NO46	200	400	600	800	NO47	200	400

# 道路現況調査表

NO. 18

IMPROVEMENT		WIDENING	RE - ALIGNMENT HORIZONTAL		WI.	RE - ALIGNMENT HORIZONTAL	WIDENING	RE - ALIGNMENT HORIZONTAL	WIDENING						
BRIDGE AND DRAINAGE STRUCTURERS					BR - (10'0" x 18' 1")	C - P (2.5') - 20.7		BRC - (13'9" x 8' 0")							
(FEET)															
ROAD MATERIAL	KIND														
	CONDITION														
ALIGN - MENT	VERTICAL (%)														
	HORIZON - TAL (FEET)														
CROSS SECTION AND LAND USE		VILLAGE ORANGE		VILLAGE					RICE FIELD						
CROSS SECTION AND LAND USE															
CROSS SECTION AND LAND USE		RICE FARM, VILLAGE, ORANGE		VILLAGE					RICE FIELD						
ROAD SURFACE	TYPE			GRAVEL SAND SILTY CLAY											
	CONDITION			GOOD				FAIR							
TERRAIN				FLAT TERRAIN											
NAME OF VILLAGE		MASHAKA		MASAKTABA											
DISTANCE	MILE	30						31							
	KILOMETER	600	800	NO.48	200	400	600	800	NO.49	200	400	600	800	NO.50	200

# 道路現況調査表

NO. 19

IMPROVEMENT		WIDENING			RE-ALIGNMENT HORIZONTAL	WIDENING			RE-ALIGNMENT HORIZONTAL	WIDENING			RE-ALIGNMENT HORIZONTAL	WI.				
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)		C-P(2.4')-20.8'	C-P(2.0')-20.8'	BR-(13' 11" x 31' 6")	C-P-2(2.0')-17.8' (CLOSE)	C-P-2(2.0')-23.8' (CLOSE)	C-P-2(1.2')-18.0'	C-P(2.0')-20.5'	C-P(2.0')-18.3'									
ROAD MATERIAL	KIND																	
	CONDITION																	
ALIGN- MENT	VERTICAL (%)																	
	HORIZON- TAL (FEET)	∞	1200		∞	800		2000			700		80		700		1200	
CROSS SECTION AND LAND USE		VILLAGE			VILLAGE			VILLAGE			VILLAGE			VILLAGE				
ROAD SURFACE		SAND SILTY CLAY			SAND SILTY CLAY			GRAVEL SAND			SAND SILTY CLAY			SAND SILTY CLAY				
TERRAIN		FLAT TERRAIN																
NAME OF VILLAGE		MAKAIBA			MACHICHI			MAKUMBU			MAKUMBU			MAKUMBU				
DISTANCE	MILE																	
	KILOMETER	400	600	800	NO.51	200	400	600	800	NO.52	200	400	600	800	NO.53	200		

# 道路現況調査表

NO. 20

IMPROVEMENT		WIDENING	RE-ALIGNMENT HORIZONTAL	WIDENING	RE-ALIGNMENT HORIZONTAL				WIDENING	RE-ALIGNMENT HORIZONTAL						
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)		BRC-(13'11" x 9' 2")			C-P(2.0')-19.0' (CLOSE)	C-P(2.0')-18.8'		C-P-2(2.0')-14.3' (BROKEN)		C-P-2(2.0')-18.0'						
ROAD MATERIAL	KIND															
	CONDITION	Q (R)														
ALIGN- MENT	VERTICAL (%)															
	HORIZON- TAL (FEET)															
CROSS SECTION AND LAND USE		VILLAGE	VILLAGE				VILLAGE	VILLAGE								
CROSS SECTION AND LAND USE																
ROAD SURFACE	TYPE	GRAVEL SAND SILTY CLAY														
	CONDITION	GOOD														
TERRAIN		FLAT TERRAIN														
NAME OF VILLAGE		MAKUTE			MASONKA				WARI							
DISTANCE	MILE	34														
	KILOMETER	35														
		200	400	600	800	N054	200	400	600	800	N055	200	400	600	800	N056

# 道路現況調査表

NO. 21

IMPROVEMENT		RE-ALIGNMENT HORIZONTAL	RE-ALIGNMENT VERTICAL	RE-ALIGNMENT HORIZONTAL			RE-ALIGNMENT VERTICAL	WIDENING							
BRIDGE AND DRAINAGE STRUCTURES (FEET)		C-P(20')-18.0' C-P(20')-20.7' C-P(20')-20.2' (CLOSE)	C-P(20')-18.8'	C-P(2.4')-18.3'	BR-(13'11" x 21'6")			BR-(21'2" x 19'0")	C-P(20')-16.1' C-P(20')-18.3' (CLOSE) C-P(3(20')-18.0'						
ROAD MATERIAL	KIND CONDITION														
ALIGNMENT	VERTICAL (%)														
	HORIZONTAL (FEET)	300	300	∞	530	400	1700	300	∞	500	180	550	∞	2000	
CROSS SECTION AND LAND USE		RICE FIELD VILLAGE		VILLAGE FARM			FARM VILLAGE								
		RICE FIELD VILLAGE		VILLAGE FARM			FARM VILLAGE								
ROAD SURFACE	TYPE CONDITION	GRAVEL SAND SILTY CLAY FAIR													
TERRAIN		FLAT TERRAIN		LOW-LAND			FLAT TERRAIN								
NAME OF VILLAGE		KAMARANKA													
DISTANCE	MILE	35							36						
	KILOMETER	NO.56	200	400	600	800	NO.57	200	400	600	800	NO.58	200	400	600

# 道路現況調査表

NO. 22

IMPROVEMENT		WIDENING	RE-ALIGNMENT HORIZONTAL				WIDENING								
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)							BR-(13'11" x 93'6")					C-P (2.0') - 18.0'	C-P (2.0') - 18.2'	C-P (1.2') - 18.3'	BRC-(13'9" x 11'6")
ROAD MATERIAL	KIND		PROPOSED QUARRY SITE									WATER			
	CONDITION											AVAILABLE THROUGH -			
ALIGN- MENT	VERTICAL (%)		2.0	3.0	0.0	4.0	8.0	0.0	1.0	3.0	3.0	3.0	3.0	3.0	3.0
	HORIZON- TAL (FEET)		∞	300	600	250	∞	300	250	∞	270	600	∞		
CROSS SECTION AND LAND USE							RICE FIELD								
							11'-2"								
							RICE FIELD								
ROAD SURFACE	TYPE		GRAVEL SAND SILTY CLAY												
	CONDITION		FAIR									GOOD		FAIR	
TERRAIN			FLAT TERRAIN									LOW-LAND			
NAME OF VILLAGE			M A N E		M A M A N K			G B I N T I							
DISTANCE	MILE			37							38				
	KILOMETER	800	NO.59	200	400	600	800	NO.60	200	400	600	800	NO.61	200	400

# 道路現況調査表

NO. 23

IMPROVEMENT		WIDENING	RE-ALIGNMENT HORIZONTAL		WIDENING	RE-ALIGNMENT HORIZONTAL	WIDENING	RE-ALIGNMENT HORIZONTAL		WIDENING
BRIDGE AND DRAINAGE STRUCTURERS			C-P(2.0')-18.0'		C-P-2(20')-18.3'			C-P(1.1')-20.8'		BR-(15'7" x 21'0")
(FEET)										
ROAD MATERIAL	KIND	OUT THE YEAR								
	CONDITION									
ALIGN- MENT	VERTICAL (%)									
	HORIZON- TAL (FEET)									
CROSS SECTION AND LAND USE										
ROAD SURFACE	TYPE	GRAVEL SAND SILTY CLAY								
	CONDITION	FAIR								
TERRAIN		LOW-LAND			FLAT TERRAIN					
NAME OF VILLAGE										
DISTANCE	MILE	<div style="display: flex; justify-content: space-between; width: 100%;"> <span>600</span> <span>800</span> <span>NO62</span> <span>200</span> <span>400</span> <span>600</span> <span>800</span> <span>NO63</span> <span>200</span> <span>400</span> <span>600</span> <span>800</span> <span>NO64</span> <span>200</span> <span>400</span> </div>								
	KILOMETER	<div style="display: flex; justify-content: space-between; width: 100%;"> <span>39</span> <span>40</span> </div>								



# 道路現況調査表

NO. 24

IMPROVEMENT	RE - ALIGNMENT HORIZONTAL	WIDENING														
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)	BR - (13' 11" x 25' 3")											C - P (11') - 17.2'	BR - (13' 11" x 52' 8")			
ROAD MATERIAL	KIND	COBBLE STONE														
	CONDITION															
ALIGN - MENT	VERTICAL (%)															
	HORIZONTAL (FEET)	1300	270	1000	∞	∞	1800	8	8	8	8	8	8			
CROSS SECTION AND LAND USE		VILLAGE RICE FIELD VILLAGE														
ROAD SURFACE	TYPE	VILLAGE RICE FIELD VILLAGE BUSH														
	CONDITION	GRAVEL SAND SILTY CLAY														
TERRAIN		FAIR														
NAME OF VILLAGE		FLAT TERRAIN														
DISTANCE	MILE	POLLING TERRAIN														
	KILOMETER	400	600	800	NO.65	200	400	600	800	NO.66	200	400	600	800	NO.67	200

# 道路現況調査表

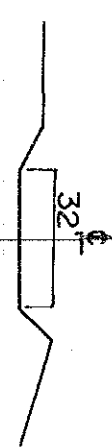
NO. 25

IMPROVEMENT		WIDENING	RE-ALIGNMENT HORIZONTAL	WIDENING	RE-ALIGNMENT HORIZONTAL	WIDENING
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)		BRC-(13'1" x 14'9")		C-P(20')-23.8' (CLOSE)	C-P(2.0')-19.0'	C-P(2.0')-18.8' (CLOSE)
ROAD MATERIAL	KIND					
	CONDITION					
ALIGN- MENT	VERTICAL (%)					
	HORIZON- TAL (FEET)					
CROSS SECTION AND LAND USE						
ROAD SURFACE	TYPE	GRAVEL SAND SILTY CLAY				
	CONDITION	FAIR				
TERRAIN		ROLLING - TERRAIN			FLAT TERRAIN	
NAME OF VILLAGE		MAKANGWI				
DISTANCE	MILE	42				43
	KILOMETER	200	400	600	800	NO68
		200	400	600	800	NO69
		200	400	600	800	NO70



# 道路現況調査表

NO. 27

IMPROVEMENT		WIDENING												RE-ALIGNMENT VERTICAL	
BRIDGE AND DRAINAGE STRUCTURES		<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">C-P(20')-14.8' (CLOSE)</div> <div style="text-align: center;">C-P(20')-14.8' (CLOSE)</div> <div style="text-align: center;">BR-(13'9"x108'11")</div> <div style="text-align: center;">BRC-(20'2"x9'0")</div> </div>													
ROAD MATERIAL		<div style="display: flex; justify-content: space-between;"> <span>(FEET)</span> <span>WATER</span> <span>COBBLE STONE</span> </div>													
ALIGNMENT		<div style="display: flex; justify-content: space-between;"> <span>∞</span> <span>1 200</span> <span>∞</span> <span>1 100</span> <span>1 200</span> <span>1 500</span> <span>∞</span> <span>2 000</span> </div>													
CROSS SECTION AND LAND USE		<div style="display: flex; justify-content: space-between;"> <span>VILLAGE</span> <span>GRASS LAND VILLAGE</span> </div> 													
ROAD SURFACE		<div style="display: flex; justify-content: space-between;"> <span>VILLAGE</span> <span>VILLAGE GRASS LAND</span> </div>													
TERRAIN		<div style="display: flex; justify-content: space-between;"> <span>SAND SILTY CLAY</span> <span>CLAYEY SOIL</span> <span>SAND SILTY CLAY</span> </div>												ROLLING TERRAIN	
NAME OF VILLAGE		BANKA													
DISTANCE		<div style="display: flex; justify-content: space-between;"> <span>800</span> <span>NO73</span> <span>200</span> <span>400</span> <span>600</span> <span>46</span> <span>800</span> <span>NO74</span> <span>200</span> <span>400</span> <span>600</span> <span>800</span> <span>NO75</span> <span>200</span> <span>47</span> <span>400</span> <span>600</span> </div>													
		<div style="display: flex; justify-content: space-between;"> <span>800</span> <span>NO73</span> <span>200</span> <span>400</span> <span>600</span> <span>800</span> <span>NO74</span> <span>200</span> <span>400</span> <span>600</span> <span>800</span> <span>NO75</span> <span>200</span> <span>400</span> <span>600</span> </div>													

# 道路現況調査表

NO. 28

IMPROVEMENT		RE-ALIGNMENT	RE-ALIGNMENT	RE-ALIGNMENT	RE-ALIGNMENT	RE-ALIGNMENT	WIDENING								
		VERTICAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL			HORIZONTAL						
BRIDGE AND DRAINAGE STRUCTURES				C-P(4.0')-21.8" (CORRUGATED METAL PIPE)	C-P(2.0')-22.2'	C-P-3(2.0')-23.8'		C-P(2.0')-23.5' (CLOSE)							
(FEET)															
ROAD MATERIAL	KIND	W													
	CONDITION														
ALIGNMENT	VERTICAL (%)														
	HORIZONTAL (FEET)														
CROSS SECTION AND LAND USE		VILLAGE		FARM		SWAMP RICE FIELD VILLAGE									
		VILLAGE		FARM		SWAMP RICE FIELD VILLAGE									
ROAD SURFACE	TYPE	GRAVEL SAND SILTY CLAY													
	CONDITION	FAIR													
TERRAIN		ROLLING-TERRAIN		FLAT TERRAIN				ROLLING-TERRAIN							
NAME OF VILLAGE		KENENDI													
DISTANCE	MILE	48													
	KILOMETER	600	800	NO76	200	400	600	800	NO77	200	400	600	800	NO78	200

# 道路現況調査表

NO. 29

IMPROVEMENT		WIDENING	RE - ALIGNMENT HORIZONTAL		WIDENING										
BRIDGE AND DRAINAGE STRUCTURERS  (FEET)		C-P(2.1)-23.5 (CLOSE)													
ROAD MATERIAL	KIND														
	CONDITION														
ALIGN - MENT	VERTICAL (%)														
	HORIZON- TAL (FEET)														
CROSS SECTION AND LAND USE		FARM	VILLAGE	FOREST ORANGE											
CROSS SECTION AND LAND USE		FARM	VILLAGE	FOREST ORANGE											
ROAD SURFACE	TYPE	GRAVEL SAND SILTY CLAY													
	CONDITION	F A I R													
TERRAIN		ROLLING - TERRAIN		FLAT TERRAIN											
NAME OF VILLAGE		MAKANKA		TUNTURU											
DISTANCE	MILE	49													
	KILOMETER	400	600	800	NO.79	200	400	600	800	NO.80	200	400	600	800	NO.81

# 道路現況調査表

NO. 30

IMPROVEMENT		WIDENING													
BRIDGE AND DRAINAGE STRUCTURES		<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">C-P(2.1) - 22.2</div> <div style="text-align: center;">C-P(2.1) - 21.3</div> </div>													
ROAD MATERIAL		COBBLE STONE													
ALIGNMENT	VERTICAL (%)														
	HORIZONTAL (FEET)														
CROSS SECTION AND LAND USE		<div style="display: flex; justify-content: space-around;"> <span>VILLAGE</span> <span>RICE FARM</span> <span>VILLAGE</span> <span>VILLAGE</span> </div>													
ROAD SURFACE	TYPE	GRAVEL SAND SILTY CLAY													
	CONDITION	F A I R													
TERRAIN		FLAT TERRAIN													
NAME OF VILLAGE		<div style="display: flex; justify-content: space-around;"> <span>MATAKA</span> <span>TUMPE</span> <span>KAMAKUWAIE</span> </div>													
DISTANCE	MILE	<div style="display: flex; justify-content: space-around;"> <span>51</span> <span>52</span> </div>													
	KILOMETER	200	400	600	800	NO.82	200	400	600	800	NO.83	200	400	600	800

# 道路現況調査表

NO. 31

IMPROVEMENT		WIDENING	RE-ALIGNMENT HORIZONTAL	WIDENING
BRIDGE AND DRAINAGE STRUCTURES		C-P (2.1') - 20.2'		
ROAD MATERIAL				
KIND	CONDITION			
ALIGNMENT				
CROSS SECTION AND LAND USE				
ROAD SURFACE	TYPE	GRAVEL SAND SILTY CLAY		
CONDITION	TERRAIN	FLAT TERRAIN		
NAME OF VILLAGE		KAMAKWIE		
DISTANCE		<div style="display: flex; justify-content: space-between;"> <span>MILE</span> <span>53</span> <span>54</span> </div>		
KILOMETER		NO84	NO85	NO86