

S.Table 9.8-1-g Estimated Traffic on National Backbone

	Traffic								2005	2010	2015	2020	Total		(2M)	
	2005	2010	2015	2020	2005	2010	2015	2020					2005	2010	2015	2020
<SouthE & East>	01				02				05							
Addis Ababa	63	16	18	22	73	89	95	112	65	78	84	96	201	183	197	230
Mt.Furi	63	16	18	22	73	89	95	112	65	78	84	96	201	183	197	230
Adama West	27	7	8	9	73	89	95	112	65	78	84	96	165	174	187	217
Nazreth					101	94	101	128					101	94	101	128
Mt.Kubi					48	54	57	71	65	78	84	96	113	132	141	167
Awash Rep.					42	50	53	64	65	78	84	96	107	128	137	160
Dalecha									65	78	84	97	65	78	84	97
Asebe Teferi Rep									11	6	7	16	11	6	7	16
Asebe Teferi									22	16	17	26	22	16	17	26
Ades									74	83	90	112	74	83	90	112
Kobo									77	85	92	114	77	85	92	114
Kulbi West									80	87	94	117	80	87	94	117
Dire Dawa									90	99	106	132	90	99	106	132
Dengego									64	42	46	63	64	42	46	63
Hakim Gara									68	43	47	60	68	43	47	60
Harer									52	39	41	44	52	39	41	44
Mardepass									25	13	15	18	25	13	15	18
Jijiga									16	8	9	9	16	8	9	9
Kebri Beyah									14	9	10	10	14	9	10	10
Adama West					17	9	7	10					17	9	7	10
Iteya North					22	14	12	16					22	14	12	16
Assela					38	21	20	26					38	21	20	26
Kulubi West									16	20	24	32	16	20	24	32
Kedirare									16	20	24	32	16	20	24	32
Worji									16	20	24	32	16	20	24	32
Gara Gewril									16	20	24	32	16	20	24	32
Gewril Rep.									16	20	24	32	16	20	24	32
Kash									16	20	24	32	16	20	24	32
Aysha									16	20	24	32	16	20	24	32
Arrey									15	19	23	30	15	19	23	30
Arta									14	18	22	29	14	18	22	29
Djibuti									14	18	22	29	14	18	22	29
<North & NEast>	01				02				03 & 04							
Addis Ababa	11	6	7	20	1	2	2	2	81	101	104	117	93	109	113	139
Mt.Furi	11	6	7	20	1	2	2	2	81	101	104	117	93	109	113	139
Sheno South	17	11	12	25	1	2	2	2	81	101	104	117	99	114	118	144
Ankober North					1	2	2	2	81	101	104	117	82	103	106	119
Ambalay South									81	101	104	117	81	101	104	117
Karakore MW									87	105	108	135	87	105	108	135
Irgofet									89	107	110	137	89	107	110	137
Tita South									56	72	66	93	56	72	66	93
Dessie									119	124	123	160	119	124	123	160
Tossa									35	35	33	44	35	35	33	44
Korke									56	72	76	88	56	72	76	88
Woldia West									79	87	90	102	79	87	90	102
Kobo East									65	77	80	89	65	77	80	89
Maichew North									67	78	81	95	67	78	81	95
Bolenta Giorgis									19	9	10	11	19	9	10	11
Maichew Town									24	12	13	14	24	12	13	14
Adi Shehu									76	83	87	100	76	83	87	100
Ambalagie									74	82	86	99	74	82	86	99
Mossobo									73	81	85	98	73	81	85	98

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Mekele								111	113	120	149	111	113	120	149
Inkotamba								37	26	17	44	37	26	17	44
Hawzen Rep								48	28	19	47	48	28	19	47
Atebes								51	29	32	48	51	29	32	48
Kesharat								25	13	14	16	25	13	14	16
Adigrat								27	14	15	17	27	14	15	17
Adi Abeyito								28	17	19	33	28	17	19	33
Morer								29	17	19	31	29	17	19	31
Adwa								33	18	19	20	33	18	19	20
Koyetsa								16	12	12	20	16	12	12	20
Enda Selasie								12	5	5	7	12	5	5	7
Tossa															
Korke								23	30	27	33	23	30	27	33
Tita South															
Korke								21	14	13	15	21	14	13	15
Dessie								29	28	28	28	29	28	28	28
Hara								29	28	28	28	29	28	28	28
Bati								29	28	28	28	29	28	28	28
<South>							02					06			
Addis Ababa								0	0	0	0	0	0	0	0
Mt.Furi							5	3	4	4	70	79	82	88	92
Meki							5	3	4	4	70	79	82	88	92
Ziway West							0	1	1	1	70	79	82	88	89
Arsi Negela							0	1	1	1	86	89	92	103	104
Shashemene							1	4	4	7	92	93	96	110	117
Abaro															
Awassa								32	12	13	17	32	12	13	17
Waragelama								28	23	26	43	28	23	26	43
Banko								22	13	14	21	22	13	14	21
Dilla								30	17	18	19	30	17	18	19
Kurumi								17	16	17	27	17	16	17	27
Hagere Mariam Rep								13	11	12	20	13	11	12	20
Dembela Fura								6	7	8	12	6	7	8	12
Tule Bera								6	7	8	11	6	7	8	11
Mega Rep								6	7	8	10	6	7	8	10
Tuka								5	6	7	9	5	6	7	9
Marza								3	3	4	5	3	3	4	5
Shashemene							0	0	0	0	92	93	96	110	110
Kersa							1	3	3	6	25	20	20	33	39
Shashemene															
Mt. Fende															
Delbe Wegena Rep															
Humbo Abo Rep															
Birbir															
Koyite															
Bekele Mola															
Arba Minch															
<South West>	01											07			
Addis Ababa	23	8	9	15								43	48	48	51
Mt.Furi	23	8	9	15								43	48	48	51
Welisso North	31	12	13	18								43	48	48	51
Weliso Town	34	20	21	23											
Welikite MW	14	7	7	8								43	48	48	51

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Fofa									43	48	48	51	43	48	48	51
Muja									46	55	55	73	46	55	55	73
Jimma									98	87	90	97	98	87	90	97
Muja									24	15	18	34	24	15	18	34
Dembi North									24	15	18	34	24	15	18	34
Arjo MW									25	33	35	68	25	33	35	68
Chora									22	21	23	35	22	21	23	35
Gore Rep									22	19	20	28	22	19	20	28
Mettu									29	20	20	21	29	20	20	21
Muja																
Sembo West									14	8	8	18	14	8	8	18
<West>	01								07							
Addis Ababa	23	18	19	23					30	33	33	34	53	51	52	57
Gara Menagesha	23	18	19	23					30	33	33	34	53	51	52	57
Galessa	17	15	16	20					30	33	33	34	47	48	49	54
Wenchi	17	15	16	20					30	33	33	34	47	48	49	54
Ambo	29	15	16	16									29	15	16	16
Tibebilo	4	5	5	9					30	33	33	34	34	38	38	43
Gara Gordomo									40	37	37	38	40	37	37	38
Nekemte									39	37	37	38	39	37	37	38
Arjo MW									39	57	57	95	39	57	57	95
Ventiotto									25	26	26	32	25	26	26	32
Billa South									18	19	19	24	18	19	19	24
Billa									1	1	1	1	1	1	1	1
<North West>	01				08											
Addis Ababa	8	8	8	18	56	80	86	99					64	88	94	117
Entoto	8	8	8	15	56	80	86	99					64	88	94	114
Gara Guda	13	9	9	16	56	80	86	99					69	89	95	115
Fitche	20	13	13	17									20	13	13	17
Tik Giorgis					56	80	86	99					56	80	86	99
Robit					64	85	91	104					64	85	91	104
Debre Markos					64	85	91	109					64	85	91	109
Amanuel North					90	94	102	128					90	94	102	128
Gara Jobel					84	97	105	132					84	97	105	132
Gara Beteria					79	101	108	140					79	101	108	140
Merawi North					84	111	118	160					84	111	118	160
Bahir Dar					100	143	150	209					100	143	150	209
Wash Indrias					73	70	70	95					73	70	70	95
Debre Tabor Rep					7	16	16	18					7	16	16	18
Gomita					52	47	46	66					52	47	46	66
Gondar					57	47	46	66					57	47	46	66
Girgi North					28	26	27	41					28	26	27	41
Ambezo					8	7	7	18					8	7	7	18
Dabat West					7	6	6	17					7	6	6	17
Wekin					5	2	2	11					5	2	2	11

Supplement to S.Table 9.8-1

In the tables of Chapter 8.8.1, 2 and 5 the microwave links are indicated in a format of table for convenience of calculation though the links have two dimensions.

It might be difficult for readers to find an actual configuration of link in the tables as it is too simplified.

This paper describes how to read the link configuration showing some examples.

- Rule 1. If the row has one station, the figures in the right-side columns of the row shows the data of the link between the station of the row and the station of the same column in the one upper row.
- Rule 2. If the station of the same column does not exist in the one upper column in Rule 1, the figures of the row shows the data of the link between the station of the row and the station of the one left column in the one upper row.
- Rule 3. If the station of either the same column or the one left column does not exist in the upper row in Rule 1 and 2, the figures of the row shows the data of the link between the station of the row and the station of the same column in the closest upper row.
- Rule 4. In case of the first row which has one station, the figures of the row shows the data of total capacity dropped into the station.
- Rule 5. In case of the first row which has one station, the figures of the row shows the data of total capacity dropped into the station.
- Rule 6. If the stations are same in Rule 2, the figures in the right-side columns of the row shows the data of total capacity dropped into

Example 1

S.Table 9.8-1-g Estimated Traffic on National Backbone

	Traffic												Total		(2M)	
	2005	2010	2015	2020	2005	2010	2015	2020	2005	2010	2015	2020	2005	2010	2015	2020
<SouthE & East>	01				02				05							
1 Addis Ababa																
2 Mt.Furi	28	15	8	10	71	84	84	98	62	73	75	86	161	172	167	194
3 Adama West	25	6	7	8	71	84	84	98	62	73	75	86	158	163	166	192
4 Nazreth					111	91	92	117					111	91	92	117
5 Mt.Kubi					48	54	57	71	62	73	75	86	110	127	132	157
<North & NEast>									84	99	92	116	84	99	92	116
Irgofet									84	99	92	116	84	99	92	116
Tita South									54	70	57	87	54	70	57	87
Dessie									118	121	118	154	118	121	118	154
6 Tossa									35	35	33	44	35	35	33	44
7 Korke									53	66	63	73	53	66	63	73

How to read:

- Line 1 Rule 4 There is no link.
- Line 2 Rule 1 Link of Addis Ababa-Mt.Furi
- Line 3 Rule 1 Link of Adama West-Mt.Furi
- Line 4 Rule 2 Link of Nazreth-Adama West
- Line 5 Rule 3 Link of Mt.Kubi-Adama West
- Line 6 Rule 1 Link of Tossa-Dessie
- Line 7 Rule 3 Link of Korke-Irgofet