11/18/1987

GAP EXPECTANCY TABLE

TO USE: READ VOL. AT LEFT, MIN. USABLE GAP AT TOP. WHERE THE COLUMN AND ROW INTERSECT IS GIVEN THE EXPECTED NUMBER OF USABLE GAPS IN ONE HOUR. GET MIN. USABLE GAP FROM STREET WIDTH AND WALKING SPEED AND PERCEPTION REACTION TIME. IF VOLUME IS FOR LESS THAN ONE HOUR, CONVERT TO VEH/HR EQUIVALENT.

PROGRAMMED BY ROBERT G. WIRTH APRIL 1985

USABLE GAP IN SECONDS

VEH/HR	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
100	82	80	78	76	74	72	70	68	66	64	62	61	59	57	56	54	53
150	112	107	103	99	95	91	87	84	80	77	74	71	68	65	63	60	58
200	136	128	121	115	109	103	97	92	87	82	78	74	70	66	62	59	56
250	154	143	134	125	116	109	101	95	88	82	77	72	67	62	58	54	51
300	167	154	142	130	120	110	102	93	86	79	73	67	62	57	52	48	44
350	177	161	146	132	120	109	99	90	81	74	67	61	55	50	45	41	37
400	184	164	147	132	118	105	94	84	76	68	60	54	48	43	39	35	31
450	188	166	146	129	114	100	89	78	69	61	54	47	42	37	33	29	25
500	189	165	143	125	109	94	82	72	62	54	47	41	36	31	27	24	20
550	187	162	139	119	102	88	75	65	56	48	41	35	30	26	22	19	16
600	184	158	134	113	96	81	69	58	49	42	35	30	25	21	18	15	13
650	179	153	128	107	89	74	62	52	43	36	30	25	21	18	15	12	10
700	174	148	122	100	82	68	56	46	38	31	26	21	17	14	12	10	8
750	169	142	115	93	76	62	50	41	33	27	22	18	14	12	9	8	6
800	163	135	108	87	69	56	45	36	29	23	18	15	12	9	8	6	5
850	156	129	102	80	63	50	39	31	25	19	15	12	10	8	6	5	4
900	150	122	95	74	58	45	35	27	21	16	13	10	8	6	5	4	3
950	143	115	88	68	52	40	31	24	18	14	11	8	6	5	4	3	2
1000	143	108	82	62	47	36	27	20	16	12	9	7	5	4	3	2	2
1050	136	102	76	57	42	32	24	18	13	10	7	6	4	3	2	2	1
1100	130	95	70	52	38	28	21	15	11	8	6	4	3	2	2	1	1
1150	123	89	65	47	34	25	18	13	10	7	5	4	3	2	1	1	1
1200	116	83	60	43	31	22	16	11	8	6	4	3	2	2	1	1	1
1250	110	78	55	39	27	19	14	10	7	5	3	2	2	1	1	1	0
1300	104	72	50	35	24	17	12	8	6	4	3	2	1	1	1	0	0
1350	98	67	46	32	22	15	10	7	5	3	2	2	1	1	1	0	0
1400	92	62	42	29	19	13	9	6	4	3	2	1	1	1	0	0	0
1450	86	58	39	26	17	12	8	5	3	2	2	1	1	0	0	0	0
1500	81	54	35	23	15	10	7	4	3	2	1	1	1	0	0	0	0
1550	76	49	32	21	14	9	6	4	2	2	1	1	0	0	0	0	0
1600	71	46	29	19	12	8	5	3	2	1	1	1	0	0	0	0	0
1650	67	42	27	17	11	7	4	3	2	1	1	0	0	0	0	0	0
1700	62	39	24	15	9	6	4	2	1	1	0	0	0	0	0	0	0
1750	58	36	22	14	8	5	3	2	1	1	0	0	0	0	0	0	0
1800	54	33	20	12	7	4	3	2	1	1	0	0	0	0	0	0	0
1850	51	30	18	11	6	4	2	1	1	0	0	0	0	0	0	0	0
1900	47	28	16	10	6	3	2	1	1	0	0	0	0	0	0	0	0
1950	44	26	15	9	5	3	2	1	1	0	0	0	0	0	0	0	0
2000	41	23	13	8	4	3	1	1	0	0	0	0	0	0	0	0	0