



MINNESOTA DEPARTMENT OF TRANSPORTATION

METRO DIVISION - TRAFFIC ENGINEERING

ALL WAY STOP WARRANT

LOCATION: TH-52 AT BUTLER AVE. WEST RAMPS

COUNTY: DAKOTA

REF. POINT: 128+00.048

DATE: 12/13/2004

OPERATOR: DR

Speed	Approach Description	Lanes
30	Major App1: BUTLER AVE. EB, W. OF TH-52 W. RAMPS	2
30	Major App3: BUTLER AVE. WB, E. OF TH-52 W. RAMPS	2
30	Minor App2: TH-52 SB RAMP. TO BUTLER AVE.	2
0	Minor App4: N/A	0

0.70 FACTOR USED? No

HOUR	MAJOR APP. 1	MAJOR APP. 3	MINOR APP. 2	MINOR APP. 4	500	200	WARRANT MET
					TOTAL Σ (APP.1 to APP. 4)	MINOR TOTAL APP. 2 + APP. 4	
0:00 - 1:00	48	33	40		121	40	/
1:00 - 2:00	32	18	33		83	33	/
2:00 - 3:00	32	10	16		58	16	/
3:00 - 4:00	23	13	12		48	12	/
4:00 - 5:00	54	20	18		92	18	/
5:00 - 6:00	155	47	37		239	37	/
6:00 - 7:00	338	117	86		541	86	X/
7:00 - 8:00	466	229	180		875	180	X/
8:00 - 9:00	372	215	166		753	166	X/
9:00 - 10:00	286	158	170		614	170	X/
10:00 - 11:00	283	154	167		604	167	X/
11:00 - 12:00	313	169	261		743	261	X/X
12:00 - 13:00	390	192	268		850	268	X/X
13:00 - 14:00	362	176	230		768	230	X/X
14:00 - 15:00	412	228	295		935	295	X/X
15:00 - 16:00	480	305	344		1129	344	X/X
16:00 - 17:00	421	290	380		1091	380	X/X
17:00 - 18:00	429	337	363		1129	363	X/X
18:00 - 19:00	408	236	273		917	273	X/X
19:00 - 20:00	322	197	208		727	208	X/X
20:00 - 21:00	293	159	178		630	178	X/
21:00 - 22:00	236	136	157		529	157	X/
22:00 - 23:00	158	86	114		358	114	/
23:00 - 24:00	82	61	66		209	66	/

Met (Hr) Required (Hr)

Allway Stop Warrant: **9** **8** **Satisfied**

REMARKS: _____

