

BRUCE STREET & DAVIS STREET ALL-WAY STOP ANALYSIS

Intersection Volume Counts		
Time	Vehicles Counted	
	Bruce Approaches	Davis Approaches
5:45:00 AM	9	7
6:00:00 AM	11	4
6:15:00 AM	11	7
6:30:00 AM	17	5
6:45:00 AM	37	8
7:00:00 AM	35	8
7:15:00 AM	59	16
7:30:00 AM	102	35
7:45:00 AM	143	54
8:00:00 AM	90	41
8:15:00 AM	69	25
8:30:00 AM	37	19
8:45:00 AM	56	15
9:00:00 AM	71	13
9:15:00 AM	62	8
9:30:00 AM	41	11
9:45:00 AM	21	9
10:00:00 AM	36	17
10:15:00 AM	47	12
10:30:00 AM	54	15
10:45:00 AM	59	18
11:00:00 AM	57	11
11:15:00 AM	54	12
11:30:00 AM	60	9
11:45:00 AM	76	21
12:00:00 PM	90	20
12:15:00 PM	66	21
12:30:00 PM	60	8
12:45:00 PM	52	13
1:00:00 PM	64	11
1:15:00 PM	69	16
1:30:00 PM	67	18
1:45:00 PM	69	16
2:00:00 PM	61	16
2:15:00 PM	73	15
2:30:00 PM	82	36
2:45:00 PM	79	36
3:00:00 PM	95	26
3:15:00 PM	74	28
3:30:00 PM	105	22
3:45:00 PM	98	26
4:00:00 PM	98	22
4:15:00 PM	75	17
4:30:00 PM	121	23
4:45:00 PM	99	25
5:00:00 PM	91	16
5:15:00 PM	91	15
5:30:00 PM	87	14
5:45:00 PM	65	18
6:00:00 PM	63	16
6:15:00 PM	65	20
6:30:00 PM	63	18
6:45:00 PM	71	11
7:00:00 PM	52	14
7:15:00 PM	60	9

Total Approach Minimum Volumes (AVG Veh/hr for 8hrs of the day) (MUTCD)

Street	min avg. vol	80% of mins
Bruce St	300	240
Davis St	200	160

Total Approach Average Volumes (from Study)

Time Span	Bruce	Davis
7:30am to 9:00am (1.5hrs) (Total Vehs)	591	189
11:45am to 6:15pm (6.5hrs) (Total Vehs)	2435	515
AVG Veh/HR	378.25	88

Crash Data (from ACAT)

Year	# of Crashes
2015	0
2016	1
2017	3
2018	0

Criteria: 5 or more crashes in 12-month period

Study Results:

DOES NOT meet the MUTCD criteria for an all-way stop.

7:30:00 PM	46	7
7:45:00 PM	65	6
8:00:00 PM	49	7
8:15:00 PM	57	12
8:30:00 PM	51	11
8:45:00 PM	37	12
9:00:00 PM	34	6
9:15:00 PM	26	4