



Samuel Ceballos, Jr.
Chief of Police
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MEMORANDUM
Department of Police

FILE
[Handwritten signature]

DATE: September 8, 2015
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Schry *1633 1384*
RE: Traffic Survey conducted at 5850 SW 100th St

The results of the traffic survey conducted at 5850 SW 100th St were as follows:

August 31st-September 6th 2015

- The Monday thru Friday average on a one-week period was 767 vehicles daily.
- The week average on a one-week period was 615 vehicles daily.
- The weekend average was 235 vehicles daily
- On average, 75.4% of the vehicles traveled westbound and 24.6% traveled eastbound on SW 100th St.
- The heaviest traffic (peak times) were 7:45 am and 2:30 pm.
- The average daily speed on this road was 29mph, the minimum speed recorded was 4.1mph, and the maximum speed recorded was 58.2mph. The 85 percentile was 36mph.
- The speed limit at this location is 30mph.



5850 100st:
5850 100st:
5850 100st:

Box E

Site:
Monday, 8/31/2015, 12:00:00 AM -
Sunday, 9/6/2015, 11:59:59 PM

Speed Grand Totals
A Tube

mph	Total	< 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 AM	1.9	0.0	0.1	0.1	0.3	0.3	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	1.1	0.0	0.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	0.3	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	1.1	0.1	0.0	0.1	0.4	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	6.7	0.9	0.3	1.0	2.3	1.3	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0
7:00 AM	45.3	1.1	4.6	6.9	9.7	13.9	6.6	1.9	0.6	0.0	0.1	0.0	0.0	0.0
8:00 AM	69.0	1.4	3.1	10.9	21.4	19.1	9.4	2.4	1.1	0.0	0.0	0.0	0.0	0.0
9:00 AM	29.9	1.3	2.7	5.6	6.4	4.9	6.4	1.3	0.3	0.0	0.0	0.0	0.0	0.0
10:00 AM	18.9	0.4	1.0	4.7	5.6	4.9	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
11:00 AM	21.9	0.7	2.3	5.0	5.6	5.7	1.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0
12:00 PM	29.4	1.4	3.3	5.6	6.6	7.3	4.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0
1:00 PM	33.6	0.7	2.4	5.7	8.9	9.9	4.1	1.7	0.1	0.0	0.0	0.0	0.0	0.0
2:00 PM	50.0	1.0	2.7	6.1	13.0	14.7	8.6	2.9	0.7	0.3	0.0	0.0	0.0	0.0
3:00 PM	59.3	1.4	2.4	6.7	15.9	19.0	8.9	3.9	0.7	0.3	0.1	0.0	0.0	0.0
4:00 PM	32.3	2.7	3.1	5.3	7.6	8.4	3.6	1.0	0.3	0.1	0.0	0.0	0.0	0.0
5:00 PM	28.6	1.1	1.9	7.0	7.9	7.1	2.4	0.6	0.4	0.0	0.0	0.0	0.0	0.0
6:00 PM	27.0	1.6	2.7	5.7	7.9	5.7	2.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
7:00 PM	17.1	0.7	1.3	2.9	5.0	3.9	2.3	0.9	0.0	0.3	0.0	0.0	0.0	0.0
8:00 PM	13.4	0.9	1.3	1.0	4.7	3.6	1.0	0.4	0.3	0.1	0.1	0.0	0.0	0.0
9:00 PM	6.9	0.1	0.6	0.3	2.9	1.6	0.7	0.4	0.1	0.0	0.1	0.0	0.0	0.0
10:00 PM	5.4	0.0	0.1	1.0	2.6	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	3.1	0.0	0.4	0.7	0.9	0.3	0.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0
ADT	502.4	17.7	36.6	83.0	135.9	133.6	67.0	20.9	5.4	1.7	0.7	0.0	0.0	0.0

Percentile Speeds
(mph)

10%	19.6
15%	21.6
50%	29.2
85%	36.0
90%	37.6

10 mph Pace Speed
Number in Pace
24.3 - 34.3
1908 (54.3 %)

Average 29.0 mph
Minimum 4.1 mph
Maximum 58.2 mph

Speeds Exceeded

30 mph	45.6 %
40 mph	5.7 %
50 mph	0.5 %

Count
1605
201
17

Study Grand Totals

mph	Total	< 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
A Tube	3517	124	256	581	951	935	469	146	38	12	5	0	0	0
		3.5%	7.3%	16.5%	27.0%	26.6%	13.3%	4.2%	1.1%	0.3%	0.1%	0.0%	0.0%	0.0%

5850 100st:
5850 100st:
5850 100st:

Site:

Weekly Volume

Interval	Mon 8/31/2015		Tue 9/1/2015		Wed 9/2/2015		Thu 9/3/2015		Fri 9/4/2015		Sat 9/5/2015		Sun 9/6/2015		Mon - Fri Average		Week Average			
	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound		
12:00 AM - 1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.4	1.7	0.3
1:00 AM - 2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.0	0.7	0.4
2:00 AM - 3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.3	0.0
3:00 AM - 4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0
4:00 AM - 5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.0	0.1	0.0
5:00 AM - 6:00 AM	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0.8	0.6	0.7	0.6
6:00 AM - 7:00 AM	4	2	5	3	7	3	11	3	8	3	3	3	0	0	0	7.0	2.8	5.4	2.1	
7:00 AM - 8:00 AM	44	11	65	25	44	16	40	18	61	23	5	9	3	3	5	50.8	18.6	37.4	13.3	
8:00 AM - 9:00 AM	92	21	102	42	100	48	110	45	125	29	18	11	8	5	8	105.8	37.0	77.6	27.9	
9:00 AM - 10:00 AM	25	2	42	4	38	9	29	6	34	7	18	11	8	3	3	33.6	5.6	27.7	4.9	
10:00 AM - 11:00 AM	17	3	27	1	25	5	17	7	24	0	11	10	8	2	3	22.0	3.2	18.4	3.0	
11:00 AM - 12:00 PM	22	6	27	1	33	1	18	10	26	2	10	14	10	3	3	25.2	4.4	20.9	3.6	
12:00 PM - 1:00 PM	26	8	33	5	19	3	24	16	34	5	14	17	12	9	2	27.2	7.4	23.1	7.6	
1:00 PM - 2:00 PM	44	8	32	8	61	20	21	11	41	13	17	14	11	11	10	39.8	12.0	32.4	10.6	
2:00 PM - 3:00 PM	64	13	69	18	79	19	52	32	55	19	8	6	11	11	6	63.8	20.2	48.3	16.7	
3:00 PM - 4:00 PM	117	18	102	33	47	14	86	31	84	33	13	13	10	7	10	87.2	25.8	64.7	21.1	
4:00 PM - 5:00 PM	35	4	28	7	19	12	29	8	38	15	6	6	11	6	6	24.6	11.0	20.9	9.4	
5:00 PM - 6:00 PM	37	16	32	10	24	3	19	13	31	13	11	11	12	5	5	24.6	11.0	20.9	9.4	
6:00 PM - 7:00 PM	30	14	30	9	13	10	31	12	15	16	6	6	5	9	9	17.8	4.8	14.9	4.3	
7:00 PM - 8:00 PM	13	4	23	6	20	3	15	4	18	7	9	6	5	5	5	12.8	3.0	11.4	3.0	
8:00 PM - 9:00 PM	18	0	15	4	11	7	11	1	9	3	11	5	3	3	7.2	0.6	6.3	1.1		
9:00 PM - 10:00 PM	7	0	10	2	4	1	11	0	4	0	5	11	3	2	4.4	0.6	5.1	0.9		
10:00 PM - 11:00 PM	3	0	6	0	6	1	2	1	5	1	11	7	0	0	2.0	0.4	2.4	0.7		
Totals	601	131	652	180	556	177	529	219	598	192	180	268	88	130	202	587.2	179.8	463.7	151.3	
Combined Split (%)	732	17.9	832	21.6	733	24.1	748	29.3	790	24.3	67.2	32.8	88	64.4	202	767.0	23.4	615.0	24.6	

* note east + westbound are switched labels

Peak Hours
12:00 AM - 12:00 PM
Volume
Factor
99
0.59

7:45 AM - 7:45 AM
Volume
Factor
23
0.82

2:45 PM - 2:30 PM
Volume
Factor
138
0.58

7:30 AM - 7:45 AM
Volume
Factor
114
0.66

2:30 PM - 2:30 PM
Volume
Factor
123
0.67

7:45 AM - 8:00 AM
Volume
Factor
106
0.65

1:45 PM - 1:30 PM
Volume
Factor
100
0.76

8:00 AM - 7:45 AM
Volume
Factor
110
0.89

2:45 PM - 2:30 PM
Volume
Factor
100
0.63

7:45 AM - 7:45 AM
Volume
Factor
50
0.69

2:30 PM - 2:30 PM
Volume
Factor
101
0.70

8:45 AM - 8:45 AM
Volume
Factor
19
0.79

1:00 PM - 3:15 PM
Volume
Factor
17
0.71

9:30 AM - 7:45 AM
Volume
Factor
10
0.63

1:15 PM - 2:30 PM
Volume
Factor
14
0.58

7:45 AM - 7:45 AM
Volume
Factor
106.0
0.72

2:30 PM - 2:30 PM
Volume
Factor
103.6
0.65

7:45 AM - 8:00 AM
Volume
Factor
39.4
0.83

2:30 PM - 2:30 PM
Volume
Factor
31.8
0.58

8:00 AM - 7:45 AM
Volume
Factor
77.6
0.73

2:30 PM - 2:30 PM
Volume
Factor
76.7
0.65