Traffic Data Report - Speed

Study Name: 6 1/2 St SW 06.15.2026
Location: 315 6 1/2 St SW
Coordinates: 38.028957, -78.490715
Site Code:
Start Date: 06/15/2026

Speed Summary (mph)	
15th Percentile Speed	14
50th Percentile Speed	18
85th Percentile Speed	24
95th Percentile Speed	28
Mean Speed	19
Min Speed	6
Max Speed	35

Classification Summary		
Classification	Count	Mean Speed (mph)
Motorcycles	2	19
Passenger Cars	360	19
Four tire, single unit	44	18
Buses	1	12
Two axle, six tire, single unit	1	9
Three axle, single unit	0	0
Four or more axle, single unit	0	0
Four or less axle, single-trailer	0	0
Five axle, tractor semi-trailer	0	0
Six or more axle, single-trailer	0	0
Five or less axle, multi-trailer	0	0
Six axle, multi-trailer	0	0
Seven or more axle, multi-trailer	0	0
No Class	0	0
Non motorized vehicle	0	0
Total	408	19

Classification Speed Summary - All Directions (mph)							
Study Date: 06/15/2026	Speed Percentiles				Speed Variances		
Classification	15th	50th	85th	95th	Mean Speed	Max Speed	Min Speed
Motorcycles	19	19	19	19	19	20	19
Passenger Cars	14	18	24	28	19	35	6
Four tire, single unit	12	17	21	24	18	35	8
Buses	12	12	12	12	12	12	12
Two axle, six tire, single unit	9	9	9	9	9	9	9
Three axle, single unit	0	0	0	0	0	0	0
Four or more axle, single unit	0	0	0	0	0	0	0
Four or less axle, single-trailer	0	0	0	0	0	0	0
Five axle, tractor semi-trailer	0	0	0	0	0	0	0
Six or more axle, single-trailer	0	0	0	0	0	0	0
Five or less axle, multi-trailer	0	0	0	0	0	0	0
Six axle, multi-trailer	0	0	0	0	0	0	0
Seven or more axle, multi-trailer	0	0	0	0	0	0	0
No Class	0	0	0	0	0	0	0
Non motorized vehicle	0	0	0	0	0	0	0
All Classes	14	18	24	28	19	35	6

Classification Speed Summary - Northbound (mph)							
Study Date: 06/15/2026	Speed Percentiles				Speed Variances		
Classification	15th	50th	85th	95th	Mean Speed	Max Speed	Min Speed
Motorcycles	19	19	19	19	19	20	19
Passenger Cars	14	18	24	28	19	35	6
Four tire, single unit	12	17	21	24	18	35	8
Buses	12	12	12	12	12	12	12
Two axle, six tire, single unit	9	9	9	9	9	9	9
Three axle, single unit	0	0	0	0	0	0	0
Four or more axle, single unit	0	0	0	0	0	0	0
Four or less axle, single-trailer	0	0	0	0	0	0	0
Five axle, tractor semi-trailer	0	0	0	0	0	0	0
Six or more axle, single-trailer	0	0	0	0	0	0	0
Five or less axle, multi-trailer	0	0	0	0	0	0	0
Six axle, multi-trailer	0	0	0	0	0	0	0
Seven or more axle, multi-trailer	0	0	0	0	0	0	0
No Class	0	0	0	0	0	0	0
Non motorized vehicle	0	0	0	0	0	0	0
All Classes	14	18	24	28	19	35	6

Direction	Northbound

Traffic Count by Speed: Daily Total																
Date	Speed (mph)															
	0-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	> 70	Total
06/15/2026	0	10	57	103	53	18	3	0	0	0	0	0	0	0	0	244
06/16/2026	0	3	32	65	44	17	3	0	0	0	0	0	0	0	0	164
Study Total	0	13	89	168	97	35	6	0	0	0	0	0	0	0	0	408

Traffic Count by Speed: 15 minute bins																
Date: 06/15/2026	Speed (mph)															
Time	0-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	> 70	Total
12:00	0	0	1	2	3	0	0	0	0	0	0	0	0	0	0	6
12:15	0	0	0	6	3	2	0	0	0	0	0	0	0	0	0	11
12:30	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
12:45	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4
Hourly Total	0	0	2	13	8	2	0	0	0	0	0	0	0	0	0	25
13:00	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	5
13:15	0	0	0	4	6	0	0	0	0	0	0	0	0	0	0	10
13:30	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	7
13:45	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3
Hourly Total	0	0	2	12	11	0	0	0	0	0	0	0	0	0	0	25
14:00	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
14:15	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3
14:30	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
14:45	0	0	1	7	0	0	0	0	0	0	0	0	0	0	0	8
Hourly Total	0	1	2	9	2	2	0	0	0	0	0	0	0	0	0	16
15:00	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	3
15:15	0	0	2	3	1	1	0	0	0	0	0	0	0	0	0	7

15:30	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
15:45	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
Hourly Total	0	1	2	9	4	2	0	0	0	0	0	0	0	0	0	18
16:00	0	0	1	3	2	2	0	0	0	0	0	0	0	0	0	8
16:15	0	0	1	3	3	1	0	0	0	0	0	0	0	0	0	8
16:30	0	0	1	5	7	2	0	0	0	0	0	0	0	0	0	15
16:45	0	1	2	4	1	0	0	0	0	0	0	0	0	0	0	8
Hourly Total	0	1	5	15	13	5	0	0	0	0	0	0	0	0	0	39
17:00	0	0	4	2	3	1	0	0	0	0	0	0	0	0	0	10
17:15	0	1	11	4	1	0	0	0	0	0	0	0	0	0	0	17
17:30	0	0	4	10	0	1	0	0	0	0	0	0	0	0	0	15
17:45	0	1	5	1	0	0	1	0	0	0	0	0	0	0	0	8
Hourly Total	0	2	24	17	4	2	1	0	0	0	0	0	0	0	0	50
18:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
18:15	0	0	2	2	3	0	0	0	0	0	0	0	0	0	0	7
18:30	0	2	1	3	0	0	1	0	0	0	0	0	0	0	0	7
18:45	0	0	0	3	1	2	1	0	0	0	0	0	0	0	0	7
Hourly Total	0	2	3	9	5	2	2	0	0	0	0	0	0	0	0	23
19:00	0	0	2	6	0	0	0	0	0	0	0	0	0	0	0	8
19:15	0	0	2	3	1	2	0	0	0	0	0	0	0	0	0	8
19:30	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	4
19:45	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	5
Hourly Total	0	0	8	11	4	2	0	0	0	0	0	0	0	0	0	25
20:00	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	3
20:15	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
20:30	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4
20:45	0	1	4	2	0	0	0	0	0	0	0	0	0	0	0	7
Hourly Total	0	3	8	5	2	0	0	0	0	0	0	0	0	0	0	18
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:45	0	0	1	2	0	1	0	0	0	0	0	0	0	0	0	4
Hourly Total	0	0	1	2	0	1	0	0	0	0	0	0	0	0	0	4
22:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Date: 06/16/2026																
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	4
06:15	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	3
06:30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
06:45	0	0	1	3	0	1	0	0	0	0	0	0	0	0	0	5
Hourly Total	0	0	2	5	2	4	0	0	0	0	0	0	0	0	0	13
07:00	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
07:15	0	0	0	2	3	0	1	0	0	0	0	0	0	0	0	6
07:30	0	0	0	12	3	2	0	0	0	0	0	0	0	0	0	17
07:45	0	1	0	4	4	0	0	0	0	0	0	0	0	0	0	9
Hourly Total	0	1	1	19	10	3	1	0	0	0	0	0	0	0	0	35
08:00	0	0	2	3	2	3	0	0	0	0	0	0	0	0	0	10
08:15	0	0	1	6	2	0	0	0	0	0	0	0	0	0	0	9

08:30	0	0	2	4	2	0	0	0	0	0	0	0	0	0	0	8
08:45	0	0	3	4	2	3	2	0	0	0	0	0	0	0	0	14
Hourly Total	0	0	8	17	8	6	2	0	0	0	0	0	0	0	0	41
09:00	0	0	2	2	3	1	0	0	0	0	0	0	0	0	0	8
09:15	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	7
09:30	0	0	0	1	3	1	0	0	0	0	0	0	0	0	0	5
09:45	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	0	5	7	8	2	0	0	0	0	0	0	0	0	0	22
10:00	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	6
10:15	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3
10:30	0	0	3	4	1	1	0	0	0	0	0	0	0	0	0	9
10:45	0	0	1	3	2	0	0	0	0	0	0	0	0	0	0	6
Hourly Total	0	0	6	12	5	1	0	0	0	0	0	0	0	0	0	24
11:00	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	4
11:15	0	0	3	2	2	0	0	0	0	0	0	0	0	0	0	7
11:30	0	0	2	0	5	0	0	0	0	0	0	0	0	0	0	7
11:45	0	1	3	1	2	1	0	0	0	0	0	0	0	0	0	8
Hourly Total	0	2	9	4	10	1	0	0	0	0	0	0	0	0	0	26
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Study Total	0	13	89	168	97	35	6	0	0	0	0	0	0	0	0	408