Traffic Data Report - Speed

Study Name: King St 06.09.2026
Location: 813 King St
Coordinates: 38.029143, -78.493943
Site Code:
Start Date: 06/09/2026

Speed Summary (mph)	
15th Percentile Speed	16
50th Percentile Speed	21
85th Percentile Speed	23
95th Percentile Speed	27
Mean Speed	20
Min Speed	7
Max Speed	31

Classification Summary		
Classification	Count	Mean Speed (mph)
Motorcycles	2	16
Passenger Cars	152	20
Four tire, single unit	19	18
Buses	0	0
Two axle, six tire, single unit	2	18
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	175	20

Classification Speed Summary - All Directions (mph)							
Study Date: 06/09/2026	Speed Percentiles				Speed Variances		
Classification	15th	50th	85th	95th	Mean Speed	Max Speed	Min Speed
Motorcycles	15	15	15	15	16	17	15
Passenger Cars	16	21	24	27	20	31	7
Four tire, single unit	12	19	22	26	18	29	11
Buses	0	0	0	0	0	0	0
Two axle, six tire, single unit	12	12	12	12	18	24	12
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	16	21	23	27	20	31	7

Classification Speed Summary - Westbound (mph)							
Study Date: 06/09/2026	Speed Percentiles				Speed Variances		
Classification	15th	50th	85th	95th	Mean Speed	Max Speed	Min Speed
Motorcycles	15	15	15	15	16	17	15
Passenger Cars	16	21	24	27	20	31	7
Four tire, single unit	12	19	22	26	18	29	11
Buses	0	0	0	0	0	0	0
Two axle, six tire, single unit	12	12	12	12	18	24	12
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	16	21	23	27	20	31	7

Direction	Westbound

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
06/09/2026	0	7	18	55	79	14	2	0	0	0	0	0	0	0	0	175
06/10/2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Study Total	0	7	18	55	79	14	2	0	0	0	0	0	0	0	0	175

Traffic Count by Speed: 15 minute bins																
Date: 06/09/2026	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
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	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0
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	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
06:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
06:30	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3
06:45	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4
Hourly Total	0	0	1	2	4	2	0	0	0	0	0	0	0	0	0	9
07:00	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4
07:15	0	0	1	1	1	2	0	0	0	0	0	0	0	0	0	5
07:30	0	0	0	3	3	4	0	0	0	0	0	0	0	0	0	10
07:45	0	0	0	5	15	3	1	0	0	0	0	0	0	0	0	24
Hourly Total	0	0	2	11	20	9	1	0	0	0	0	0	0	0	0	43
08:00	0	0	0	2	8	1	0	0	0	0	0	0	0	0	0	11
08:15	0	0	0	4	5	1	0	0	0	0	0	0	0	0	0	10
08:30	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	5
08:45	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	0	1	9	16	2	0	0	0	0	0	0	0	0	0	28
09:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1

09:15	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
09:30	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
09:45	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3
Hourly Total	0	0	2	3	3	0	0	0	0	0	0	0	0	0	0	8
10:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
11:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
11:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	1	0	2	2	0	0	0	0	0	0	0	0	0	0	5
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
12:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3
13:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
13:15	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	3
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3
Hourly Total	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	8
14:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	4
14:45	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Hourly Total	0	2	1	1	6	1	0	0	0	0	0	0	0	0	0	11

15:00	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3
15:15	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	7
15:30	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3
15:45	0	0	0	1	3	0	1	0	0	0	0	0	0	0	0	5
Hourly Total	0	0	0	7	10	0	1	0	0	0	0	0	0	0	0	18
16:00	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
16:15	0	1	3	1	2	0	0	0	0	0	0	0	0	0	0	7
16:30	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
16:45	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	0	1	3	4	5	0	0	0	0	0	0	0	0	0	0	13
17:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
17:15	0	0	4	1	1	0	0	0	0	0	0	0	0	0	0	6
17:30	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	4	4	3	0	0	0	0	0	0	0	0	0	0	11
18:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
18:15	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3
18:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	1	0	3	1	0	0	0	0	0	0	0	0	0	0	5
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:15	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3
19:30	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3
19:45	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	8
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:15	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:45	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1

Hourly Total	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
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	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
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0
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: 06/10/2026																
00:00	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	7	18	55	79	14	2	0	0	0	0	0	0	0	0	175