

City of Crystal

Daily Vehicle Volume Report

Study Date: Tuesday, 07/08/2025

Unit ID:

Location: 4713 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	-	-	-
01:00 - 01:59	-	-	-
02:00 - 02:59	-	-	-
03:00 - 03:59	-	-	-
04:00 - 04:59	-	-	-
05:00 - 05:59	-	-	-
06:00 - 06:59	-	-	-
07:00 - 07:59	-	-	-
08:00 - 08:59	-	-	-
09:00 - 09:59	-	-	-
10:00 - 10:59	-	-	-
11:00 - 11:59	-	-	-
12:00 - 12:59	-	-	-
13:00 - 13:59	9	10	19
14:00 - 14:59	31	22	53
15:00 - 15:59	34	21	55
16:00 - 16:59	31	23	54
17:00 - 17:59	38	39	77
18:00 - 18:59	22	34	56
19:00 - 19:59	19	16	35
20:00 - 20:59	45	20	65
21:00 - 21:59	24	10	34
22:00 - 22:59	9	7	16
23:00 - 23:59	3	2	5
Totals	265	204	469
AM Peak Time	N/A	N/A	N/A
AM Peak Volume	0	0	0
PM Peak Time	20:04 - 21:03	17:14 - 18:13	17:13 - 18:12
PM Peak Volume	46	42	85

City of Crystal

Daily Vehicle Volume Report

Study Date: Wednesday, 07/09/2025

Unit ID:

Location: 4713 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	2	7	9
01:00 - 01:59	2	1	3
02:00 - 02:59	1	0	1
03:00 - 03:59	1	0	1
04:00 - 04:59	4	3	7
05:00 - 05:59	4	7	11
06:00 - 06:59	9	6	15
07:00 - 07:59	24	19	43
08:00 - 08:59	34	13	47
09:00 - 09:59	28	21	49
10:00 - 10:59	12	7	19
11:00 - 11:59	25	25	50
12:00 - 12:59	32	22	54
13:00 - 13:59	28	28	56
14:00 - 14:59	37	42	79
15:00 - 15:59	37	36	73
16:00 - 16:59	30	33	63
17:00 - 17:59	40	41	81
18:00 - 18:59	33	38	71
19:00 - 19:59	28	24	52
20:00 - 20:59	45	13	58
21:00 - 21:59	11	22	33
22:00 - 22:59	9	6	15
23:00 - 23:59	7	3	10
Totals	483	417	900
AM Peak Time	08:17 - 09:16	10:58 - 11:57	08:22 - 09:21
AM Peak Volume	40	25	59
PM Peak Time	19:42 - 20:41	17:24 - 18:23	17:09 - 18:08
PM Peak Volume	49	50	91

City of Crystal

Daily Vehicle Volume Report

Study Date: Thursday, 07/10/2025

Unit ID:

Location: 4713 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	2	1	3
01:00 - 01:59	3	6	9
02:00 - 02:59	1	1	2
03:00 - 03:59	1	1	2
04:00 - 04:59	3	4	7
05:00 - 05:59	5	3	8
06:00 - 06:59	12	11	23
07:00 - 07:59	24	16	40
08:00 - 08:59	23	25	48
09:00 - 09:59	19	11	30
10:00 - 10:59	28	21	49
11:00 - 11:59	31	17	48
12:00 - 12:59	22	26	48
13:00 - 13:59	31	21	52
14:00 - 14:59	23	20	43
15:00 - 15:59	40	32	72
16:00 - 16:59	39	40	79
17:00 - 17:59	36	40	76
18:00 - 18:59	32	24	56
19:00 - 19:59	15	26	41
20:00 - 20:59	34	11	45
21:00 - 21:59	11	13	24
22:00 - 22:59	8	6	14
23:00 - 23:59	5	5	10
Totals	448	381	829
AM Peak Time	10:54 - 11:53	07:51 - 08:50	07:51 - 08:50
AM Peak Volume	33	30	57
PM Peak Time	15:23 - 16:22	16:31 - 17:30	16:47 - 17:46
PM Peak Volume	46	46	88

City of Crystal

Daily Vehicle Volume Report

Study Date: Friday, 07/11/2025

Unit ID:

Location: 4713 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	2	1	3
01:00 - 01:59	4	2	6
02:00 - 02:59	1	1	2
03:00 - 03:59	2	0	2
04:00 - 04:59	3	1	4
05:00 - 05:59	4	5	9
06:00 - 06:59	12	5	17
07:00 - 07:59	19	19	38
08:00 - 08:59	25	16	41
09:00 - 09:59	31	12	43
10:00 - 10:59	23	21	44
11:00 - 11:59	25	23	48
12:00 - 12:59	34	20	54
13:00 - 13:59	35	27	62
14:00 - 14:59	26	20	46
15:00 - 15:59	30	26	56
16:00 - 16:59	29	22	51
17:00 - 17:59	20	26	46
18:00 - 18:59	26	20	46
19:00 - 19:59	10	21	31
20:00 - 20:59	16	13	29
21:00 - 21:59	7	8	15
22:00 - 22:59	14	6	20
23:00 - 23:59	7	8	15
Totals	405	323	728
AM Peak Time	08:57 - 09:56	10:20 - 11:19	10:16 - 11:15
AM Peak Volume	32	24	50
PM Peak Time	15:21 - 16:20	17:11 - 18:10	15:23 - 16:22
PM Peak Volume	37	31	67

City of Crystal

Daily Vehicle Volume Report

Study Date: Saturday, 07/12/2025

Unit ID:

Location: 4713 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	3	3	6
01:00 - 01:59	3	5	8
02:00 - 02:59	1	1	2
03:00 - 03:59	2	0	2
04:00 - 04:59	3	0	3
05:00 - 05:59	0	4	4
06:00 - 06:59	2	2	4
07:00 - 07:59	5	4	9
08:00 - 08:59	13	15	28
09:00 - 09:59	34	14	48
10:00 - 10:59	18	21	39
11:00 - 11:59	27	18	45
12:00 - 12:59	20	26	46
13:00 - 13:59	26	15	41
14:00 - 14:59	20	15	35
15:00 - 15:59	25	23	48
16:00 - 16:59	28	20	48
17:00 - 17:59	25	16	41
18:00 - 18:59	19	20	39
19:00 - 19:59	16	12	28
20:00 - 20:59	6	17	23
21:00 - 21:59	12	20	32
22:00 - 22:59	15	8	23
23:00 - 23:59	5	14	19
Totals	328	293	621
AM Peak Time	08:57 - 09:56	09:45 - 10:44	09:32 - 10:31
AM Peak Volume	36	24	54
PM Peak Time	15:48 - 16:47	12:03 - 13:02	15:29 - 16:28
PM Peak Volume	32	28	54

City of Crystal

Daily Vehicle Volume Report

Study Date: Sunday, 07/13/2025

Unit ID:

Location: 4713 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	6	2	8
01:00 - 01:59	4	4	8
02:00 - 02:59	2	2	4
03:00 - 03:59	1	0	1
04:00 - 04:59	1	0	1
05:00 - 05:59	1	1	2
06:00 - 06:59	5	3	8
07:00 - 07:59	11	1	12
08:00 - 08:59	16	10	26
09:00 - 09:59	19	14	33
10:00 - 10:59	22	16	38
11:00 - 11:59	30	20	50
12:00 - 12:59	34	26	60
13:00 - 13:59	35	29	64
14:00 - 14:59	39	46	85
15:00 - 15:59	37	44	81
16:00 - 16:59	22	33	55
17:00 - 17:59	16	19	35
18:00 - 18:59	12	11	23
19:00 - 19:59	12	8	20
20:00 - 20:59	14	13	27
21:00 - 21:59	20	10	30
22:00 - 22:59	10	9	19
23:00 - 23:59	3	6	9
Totals	372	327	699
AM Peak Time	10:41 - 11:40	10:59 - 11:58	10:41 - 11:40
AM Peak Volume	32	20	50
PM Peak Time	13:40 - 14:39	14:38 - 15:37	15:04 - 16:03
PM Peak Volume	43	53	86

City of Crystal

Daily Vehicle Volume Report

Study Date: Monday, 07/14/2025

Unit ID:

Location: 4713 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	0	1	1
01:00 - 01:59	0	1	1
02:00 - 02:59	1	0	1
03:00 - 03:59	1	1	2
04:00 - 04:59	3	3	6
05:00 - 05:59	6	4	10
06:00 - 06:59	10	11	21
07:00 - 07:59	26	13	39
08:00 - 08:59	24	20	44
09:00 - 09:59	23	21	44
10:00 - 10:59	23	15	38
11:00 - 11:59	24	19	43
12:00 - 12:59	23	30	53
13:00 - 13:59	26	19	45
14:00 - 14:59	33	23	56
15:00 - 15:59	25	36	61
16:00 - 16:59	47	32	79
17:00 - 17:59	34	31	65
18:00 - 18:59	26	25	51
19:00 - 19:59	28	11	39
20:00 - 20:59	22	21	43
21:00 - 21:59	13	12	25
22:00 - 22:59	9	11	20
23:00 - 23:59	1	1	2
Totals	428	361	789
AM Peak Time	07:21 - 08:20	08:15 - 09:14	08:15 - 09:14
AM Peak Volume	34	25	54
PM Peak Time	16:19 - 17:18	16:17 - 17:16	16:17 - 17:16
PM Peak Volume	51	40	89

City of Crystal

Daily Vehicle Volume Report

Study Date: Tuesday, 07/15/2025

Unit ID:

Location: 4713 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	1	1	2
01:00 - 01:59	1	3	4
02:00 - 02:59	0	0	0
03:00 - 03:59	3	0	3
04:00 - 04:59	3	3	6
05:00 - 05:59	6	2	8
06:00 - 06:59	12	3	15
07:00 - 07:59	27	26	53
08:00 - 08:59	32	26	58
09:00 - 09:59	22	20	42
10:00 - 10:59	22	20	42
11:00 - 11:59	28	22	50
12:00 - 12:59	15	25	40
13:00 - 13:59	-	-	-
14:00 - 14:59	-	-	-
15:00 - 15:59	-	-	-
16:00 - 16:59	-	-	-
17:00 - 17:59	-	-	-
18:00 - 18:59	-	-	-
19:00 - 19:59	-	-	-
20:00 - 20:59	-	-	-
21:00 - 21:59	-	-	-
22:00 - 22:59	-	-	-
23:00 - 23:59	-	-	-
Totals	172	151	323
AM Peak Time	08:03 - 09:02	07:22 - 08:21	07:31 - 08:30
AM Peak Volume	33	35	66
PM Peak Time	N/A	N/A	N/A
PM Peak Volume	0	0	0

City of Crystal

Daily Northbound Classes Report

Study Date: Tuesday, 07/08/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 - 01:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 - 02:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 - 03:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 - 04:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 - 05:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 - 06:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 - 07:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 - 08:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 - 09:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:00 - 13:59	1	8	0	0	0	0	0	0	0	0	0	0	0	9
14:00 - 14:59	0	23	5	0	3	0	0	0	0	0	0	0	0	31
15:00 - 15:59	1	26	6	0	1	0	0	0	0	0	0	0	0	34
16:00 - 16:59	1	26	3	0	1	0	0	0	0	0	0	0	0	31
17:00 - 17:59	0	33	4	0	1	0	0	0	0	0	0	0	0	38
18:00 - 18:59	0	19	3	0	0	0	0	0	0	0	0	0	0	22
19:00 - 19:59	0	15	2	0	2	0	0	0	0	0	0	0	0	19
20:00 - 20:59	0	37	6	0	1	1	0	0	0	0	0	0	0	45
21:00 - 21:59	0	21	3	0	0	0	0	0	0	0	0	0	0	24
22:00 - 22:59	0	9	0	0	0	0	0	0	0	0	0	0	0	9
23:00 - 23:59	0	2	1	0	0	0	0	0	0	0	0	0	0	3
Totals	3	219	33	0	9	1	0	0	0	0	0	0	0	265
Percent of Total	1.1	82.6	12.5	0.0	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of 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	0.0	100
Percent of PM	1.1	82.6	12.5	0.0	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 10

% Trucks: 3.8

AM % Trucks: 0.0

PM % Trucks: 3.8

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Northbound Classes Report

Study Date: Wednesday, 07/09/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:00 - 01:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	3	1	0	0	0	0	0	0	0	0	0	0	4
05:00 - 05:59	0	3	1	0	0	0	0	0	0	0	0	0	0	4
06:00 - 06:59	0	6	2	0	1	0	0	0	0	0	0	0	0	9
07:00 - 07:59	0	22	2	0	0	0	0	0	0	0	0	0	0	24
08:00 - 08:59	0	27	5	0	2	0	0	0	0	0	0	0	0	34
09:00 - 09:59	0	23	3	0	2	0	0	0	0	0	0	0	0	28
10:00 - 10:59	0	9	3	0	0	0	0	0	0	0	0	0	0	12
11:00 - 11:59	1	12	9	0	2	0	1	0	0	0	0	0	0	25
12:00 - 12:59	0	22	7	0	3	0	0	0	0	0	0	0	0	32
13:00 - 13:59	1	21	4	0	2	0	0	0	0	0	0	0	0	28
14:00 - 14:59	0	28	6	0	2	1	0	0	0	0	0	0	0	37
15:00 - 15:59	0	30	5	0	1	0	0	1	0	0	0	0	0	37
16:00 - 16:59	0	26	3	0	1	0	0	0	0	0	0	0	0	30
17:00 - 17:59	0	38	2	0	0	0	0	0	0	0	0	0	0	40
18:00 - 18:59	1	28	3	0	1	0	0	0	0	0	0	0	0	33
19:00 - 19:59	0	26	2	0	0	0	0	0	0	0	0	0	0	28
20:00 - 20:59	0	39	5	0	1	0	0	0	0	0	0	0	0	45
21:00 - 21:59	0	11	0	0	0	0	0	0	0	0	0	0	0	11
22:00 - 22:59	0	7	2	0	0	0	0	0	0	0	0	0	0	9
23:00 - 23:59	0	7	0	0	0	0	0	0	0	0	0	0	0	7
Totals	3	393	66	0	18	1	1	1	0	0	0	0	0	483
Percent of Total	0.6	81.4	13.7	0.0	3.7	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.7	75.3	18.5	0.0	4.8	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.6	84.0	11.6	0.0	3.3	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 21

% Trucks: 4.3

AM % Trucks: 5.5

PM % Trucks: 3.9

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Northbound Classes Report

Study Date: Thursday, 07/10/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:00 - 01:59	0	2	1	0	0	0	0	0	0	0	0	0	0	3
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	1	2	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	4	1	0	0	0	0	0	0	0	0	0	0	5
06:00 - 06:59	0	9	2	0	1	0	0	0	0	0	0	0	0	12
07:00 - 07:59	0	20	3	0	1	0	0	0	0	0	0	0	0	24
08:00 - 08:59	0	20	2	0	1	0	0	0	0	0	0	0	0	23
09:00 - 09:59	0	15	3	0	1	0	0	0	0	0	0	0	0	19
10:00 - 10:59	0	21	5	0	2	0	0	0	0	0	0	0	0	28
11:00 - 11:59	0	22	3	0	4	2	0	0	0	0	0	0	0	31
12:00 - 12:59	0	16	1	0	5	0	0	0	0	0	0	0	0	22
13:00 - 13:59	0	24	3	0	4	0	0	0	0	0	0	0	0	31
14:00 - 14:59	0	18	3	0	2	0	0	0	0	0	0	0	0	23
15:00 - 15:59	0	35	4	0	1	0	0	0	0	0	0	0	0	40
16:00 - 16:59	1	34	3	0	1	0	0	0	0	0	0	0	0	39
17:00 - 17:59	0	30	6	0	0	0	0	0	0	0	0	0	0	36
18:00 - 18:59	0	28	4	0	0	0	0	0	0	0	0	0	0	32
19:00 - 19:59	0	14	1	0	0	0	0	0	0	0	0	0	0	15
20:00 - 20:59	0	33	1	0	0	0	0	0	0	0	0	0	0	34
21:00 - 21:59	0	11	0	0	0	0	0	0	0	0	0	0	0	11
22:00 - 22:59	0	8	0	0	0	0	0	0	0	0	0	0	0	8
23:00 - 23:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Totals	1	373	49	0	23	2	0	0	0	0	0	0	0	448
Percent of Total	0.2	83.3	10.9	0.0	5.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	77.0	15.1	0.0	6.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.3	86.5	8.8	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 25

% Trucks: 5.6

AM % Trucks: 7.9

PM % Trucks: 4.4

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Northbound Classes Report

Study Date: Friday, 07/11/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:00 - 01:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	1	1	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	2	1	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	3	1	0	0	0	0	0	0	0	0	0	0	4
06:00 - 06:59	0	11	1	0	0	0	0	0	0	0	0	0	0	12
07:00 - 07:59	0	16	3	0	0	0	0	0	0	0	0	0	0	19
08:00 - 08:59	1	15	8	0	1	0	0	0	0	0	0	0	0	25
09:00 - 09:59	1	23	4	0	3	0	0	0	0	0	0	0	0	31
10:00 - 10:59	0	18	4	0	1	0	0	0	0	0	0	0	0	23
11:00 - 11:59	0	15	7	0	3	0	0	0	0	0	0	0	0	25
12:00 - 12:59	0	30	3	0	1	0	0	0	0	0	0	0	0	34
13:00 - 13:59	0	29	5	0	1	0	0	0	0	0	0	0	0	35
14:00 - 14:59	0	19	5	0	2	0	0	0	0	0	0	0	0	26
15:00 - 15:59	1	21	5	0	2	1	0	0	0	0	0	0	0	30
16:00 - 16:59	0	27	2	0	0	0	0	0	0	0	0	0	0	29
17:00 - 17:59	0	16	4	0	0	0	0	0	0	0	0	0	0	20
18:00 - 18:59	0	24	2	0	0	0	0	0	0	0	0	0	0	26
19:00 - 19:59	0	7	3	0	0	0	0	0	0	0	0	0	0	10
20:00 - 20:59	0	14	1	0	0	0	1	0	0	0	0	0	0	16
21:00 - 21:59	0	6	1	0	0	0	0	0	0	0	0	0	0	7
22:00 - 22:59	0	8	6	0	0	0	0	0	0	0	0	0	0	14
23:00 - 23:59	0	5	2	0	0	0	0	0	0	0	0	0	0	7
Totals	3	317	69	0	14	1	1	0	0	0	0	0	0	405
Percent of Total	0.7	78.3	17.0	0.0	3.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	1.3	73.5	19.9	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.4	81.1	15.4	0.0	2.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 16

% Trucks: 4.0

AM % Trucks: 5.3

PM % Trucks: 3.1

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Northbound Classes Report

Study Date: Saturday, 07/12/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
01:00 - 01:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 - 06:59	0	1	1	0	0	0	0	0	0	0	0	0	0	2
07:00 - 07:59	1	4	0	0	0	0	0	0	0	0	0	0	0	5
08:00 - 08:59	0	12	1	0	0	0	0	0	0	0	0	0	0	13
09:00 - 09:59	1	30	3	0	0	0	0	0	0	0	0	0	0	34
10:00 - 10:59	1	14	2	0	1	0	0	0	0	0	0	0	0	18
11:00 - 11:59	0	22	5	0	0	0	0	0	0	0	0	0	0	27
12:00 - 12:59	0	15	4	0	1	0	0	0	0	0	0	0	0	20
13:00 - 13:59	0	22	3	0	1	0	0	0	0	0	0	0	0	26
14:00 - 14:59	0	14	5	0	1	0	0	0	0	0	0	0	0	20
15:00 - 15:59	0	20	5	0	0	0	0	0	0	0	0	0	0	25
16:00 - 16:59	0	23	5	0	0	0	0	0	0	0	0	0	0	28
17:00 - 17:59	0	22	3	0	0	0	0	0	0	0	0	0	0	25
18:00 - 18:59	0	15	4	0	0	0	0	0	0	0	0	0	0	19
19:00 - 19:59	0	15	1	0	0	0	0	0	0	0	0	0	0	16
20:00 - 20:59	1	2	3	0	0	0	0	0	0	0	0	0	0	6
21:00 - 21:59	0	11	1	0	0	0	0	0	0	0	0	0	0	12
22:00 - 22:59	0	13	2	0	0	0	0	0	0	0	0	0	0	15
23:00 - 23:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Totals	4	272	48	0	4	0	0	0	0	0	0	0	0	328
Percent of Total	1.2	82.9	14.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	2.7	85.6	10.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.5	81.6	16.6	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 4

% Trucks: 1.2

AM % Trucks: 0.9

PM % Trucks: 1.4

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Northbound Classes Report

Study Date: Sunday, 07/13/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	6	0	0	0	0	0	0	0	0	0	0	0	6
01:00 - 01:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
02:00 - 02:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:00 - 06:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
07:00 - 07:59	0	7	3	0	1	0	0	0	0	0	0	0	0	11
08:00 - 08:59	1	14	0	0	1	0	0	0	0	0	0	0	0	16
09:00 - 09:59	1	17	1	0	0	0	0	0	0	0	0	0	0	19
10:00 - 10:59	0	20	1	0	1	0	0	0	0	0	0	0	0	22
11:00 - 11:59	0	23	5	0	2	0	0	0	0	0	0	0	0	30
12:00 - 12:59	0	30	3	0	1	0	0	0	0	0	0	0	0	34
13:00 - 13:59	1	29	4	0	1	0	0	0	0	0	0	0	0	35
14:00 - 14:59	0	32	7	0	0	0	0	0	0	0	0	0	0	39
15:00 - 15:59	0	31	6	0	0	0	0	0	0	0	0	0	0	37
16:00 - 16:59	0	19	3	0	0	0	0	0	0	0	0	0	0	22
17:00 - 17:59	0	14	1	0	1	0	0	0	0	0	0	0	0	16
18:00 - 18:59	0	12	0	0	0	0	0	0	0	0	0	0	0	12
19:00 - 19:59	1	9	2	0	0	0	0	0	0	0	0	0	0	12
20:00 - 20:59	0	11	3	0	0	0	0	0	0	0	0	0	0	14
21:00 - 21:59	1	16	2	1	0	0	0	0	0	0	0	0	0	20
22:00 - 22:59	0	9	0	0	1	0	0	0	0	0	0	0	0	10
23:00 - 23:59	0	2	1	0	0	0	0	0	0	0	0	0	0	3
Totals	5	314	43	1	9	0	0	0	0	0	0	0	0	372
Percent of Total	1.3	84.4	11.6	0.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	1.7	84.7	9.3	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.2	84.3	12.6	0.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 10

% Trucks: 2.7

AM % Trucks: 4.2

PM % Trucks: 2.0

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Northbound Classes Report

Study Date: Monday, 07/14/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 - 01:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	2	1	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	3	1	0	0	1	0	0	1	0	0	0	0	6
06:00 - 06:59	0	9	0	0	0	1	0	0	0	0	0	0	0	10
07:00 - 07:59	0	21	5	0	0	0	0	0	0	0	0	0	0	26
08:00 - 08:59	0	20	2	0	1	1	0	0	0	0	0	0	0	24
09:00 - 09:59	0	16	6	0	1	0	0	0	0	0	0	0	0	23
10:00 - 10:59	0	19	3	0	1	0	0	0	0	0	0	0	0	23
11:00 - 11:59	0	19	4	0	1	0	0	0	0	0	0	0	0	24
12:00 - 12:59	1	19	1	0	2	0	0	0	0	0	0	0	0	23
13:00 - 13:59	0	20	2	1	3	0	0	0	0	0	0	0	0	26
14:00 - 14:59	0	25	6	0	2	0	0	0	0	0	0	0	0	33
15:00 - 15:59	0	21	4	0	0	0	0	0	0	0	0	0	0	25
16:00 - 16:59	1	39	6	0	0	0	0	1	0	0	0	0	0	47
17:00 - 17:59	0	27	6	0	1	0	0	0	0	0	0	0	0	34
18:00 - 18:59	0	21	5	0	0	0	0	0	0	0	0	0	0	26
19:00 - 19:59	0	23	3	0	1	0	0	0	1	0	0	0	0	28
20:00 - 20:59	0	21	1	0	0	0	0	0	0	0	0	0	0	22
21:00 - 21:59	0	13	0	0	0	0	0	0	0	0	0	0	0	13
22:00 - 22:59	0	9	0	0	0	0	0	0	0	0	0	0	0	9
23:00 - 23:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	2	349	57	1	13	3	0	1	2	0	0	0	0	428
Percent of Total	0.5	81.5	13.3	0.2	3.0	0.7	0.0	0.2	0.5	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	78.0	16.3	0.0	2.8	2.1	0.0	0.0	0.7	0.0	0.0	0.0	0.0	100
Percent of PM	0.7	83.3	11.8	0.3	3.1	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 20

% Trucks: 4.7

AM % Trucks: 5.7

PM % Trucks: 4.2

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Northbound Classes Report

Study Date: Tuesday, 07/15/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00 - 01:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	2	1	0	0	0	0	0	0	0	0	0	0	3
04:00 - 04:59	0	2	1	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	5	1	0	0	0	0	0	0	0	0	0	0	6
06:00 - 06:59	0	12	0	0	0	0	0	0	0	0	0	0	0	12
07:00 - 07:59	0	23	3	0	1	0	0	0	0	0	0	0	0	27
08:00 - 08:59	0	29	3	0	0	0	0	0	0	0	0	0	0	32
09:00 - 09:59	0	19	2	0	1	0	0	0	0	0	0	0	0	22
10:00 - 10:59	0	19	3	0	0	0	0	0	0	0	0	0	0	22
11:00 - 11:59	1	16	7	0	4	0	0	0	0	0	0	0	0	28
12:00 - 12:59	0	11	1	0	2	0	0	1	0	0	0	0	0	15
13:00 - 13:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00 - 14:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00 - 15:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16:00 - 16:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17:00 - 17:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18:00 - 18:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19:00 - 19:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20:00 - 20:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21:00 - 21:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22:00 - 22:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23:00 - 23:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1	140	22	0	8	0	0	1	0	0	0	0	0	172
Percent of Total	0.6	81.4	12.8	0.0	4.7	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.6	82.2	13.4	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.0	73.3	6.7	0.0	13.3	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 9

% Trucks: 5.2

AM % Trucks: 3.8

PM % Trucks: 20.0

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Southbound Classes Report

Study Date: Tuesday, 07/08/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 - 01:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 - 02:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 - 03:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 - 04:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 - 05:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 - 06:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 - 07:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 - 08:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 - 09:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:00 - 13:59	0	8	1	0	1	0	0	0	0	0	0	0	0	10
14:00 - 14:59	0	19	2	0	1	0	0	0	0	0	0	0	0	22
15:00 - 15:59	0	14	3	0	3	0	1	0	0	0	0	0	0	21
16:00 - 16:59	1	20	1	0	1	0	0	0	0	0	0	0	0	23
17:00 - 17:59	0	32	7	0	0	0	0	0	0	0	0	0	0	39
18:00 - 18:59	0	31	2	0	1	0	0	0	0	0	0	0	0	34
19:00 - 19:59	0	15	1	0	0	0	0	0	0	0	0	0	0	16
20:00 - 20:59	0	17	2	0	1	0	0	0	0	0	0	0	0	20
21:00 - 21:59	0	7	2	0	1	0	0	0	0	0	0	0	0	10
22:00 - 22:59	0	5	2	0	0	0	0	0	0	0	0	0	0	7
23:00 - 23:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	1	170	23	0	9	0	1	0	0	0	0	0	0	204
Percent of Total	0.5	83.3	11.3	0.0	4.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of 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	0.0	100
Percent of PM	0.5	83.3	11.3	0.0	4.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 10

% Trucks: 4.9

AM % Trucks: 0.0

PM % Trucks: 4.9

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Southbound Classes Report

Study Date: Wednesday, 07/09/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	6	1	0	0	0	0	0	0	0	0	0	0	7
01:00 - 01:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	7	0	0	0	0	0	0	0	0	0	0	0	7
06:00 - 06:59	1	3	2	0	0	0	0	0	0	0	0	0	0	6
07:00 - 07:59	0	14	2	0	3	0	0	0	0	0	0	0	0	19
08:00 - 08:59	0	11	1	1	0	0	0	0	0	0	0	0	0	13
09:00 - 09:59	0	14	5	0	2	0	0	0	0	0	0	0	0	21
10:00 - 10:59	1	1	3	0	2	0	0	0	0	0	0	0	0	7
11:00 - 11:59	0	20	2	1	2	0	0	0	0	0	0	0	0	25
12:00 - 12:59	1	15	6	0	0	0	0	0	0	0	0	0	0	22
13:00 - 13:59	1	22	3	0	2	0	0	0	0	0	0	0	0	28
14:00 - 14:59	0	38	1	0	3	0	0	0	0	0	0	0	0	42
15:00 - 15:59	0	29	6	0	1	0	0	0	0	0	0	0	0	36
16:00 - 16:59	1	29	3	0	0	0	0	0	0	0	0	0	0	33
17:00 - 17:59	0	38	2	0	1	0	0	0	0	0	0	0	0	41
18:00 - 18:59	1	32	3	0	2	0	0	0	0	0	0	0	0	38
19:00 - 19:59	0	21	3	0	0	0	0	0	0	0	0	0	0	24
20:00 - 20:59	0	10	1	0	2	0	0	0	0	0	0	0	0	13
21:00 - 21:59	1	16	5	0	0	0	0	0	0	0	0	0	0	22
22:00 - 22:59	0	5	1	0	0	0	0	0	0	0	0	0	0	6
23:00 - 23:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Totals	7	338	50	2	20	0	0	0	0	0	0	0	0	417
Percent of Total	1.7	81.1	12.0	0.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	1.8	73.4	14.7	1.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.6	83.8	11.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 22

% Trucks: 5.3

AM % Trucks: 10.1

PM % Trucks: 3.6

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Southbound Classes Report

Study Date: Thursday, 07/10/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00 - 01:59	0	6	0	0	0	0	0	0	0	0	0	0	0	6
02:00 - 02:59	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
05:00 - 05:59	0	2	0	0	1	0	0	0	0	0	0	0	0	3
06:00 - 06:59	1	7	2	0	1	0	0	0	0	0	0	0	0	11
07:00 - 07:59	0	11	4	0	1	0	0	0	0	0	0	0	0	16
08:00 - 08:59	0	17	6	1	1	0	0	0	0	0	0	0	0	25
09:00 - 09:59	0	9	1	0	1	0	0	0	0	0	0	0	0	11
10:00 - 10:59	0	13	6	0	2	0	0	0	0	0	0	0	0	21
11:00 - 11:59	0	10	3	0	4	0	0	0	0	0	0	0	0	17
12:00 - 12:59	0	16	9	0	1	0	0	0	0	0	0	0	0	26
13:00 - 13:59	0	14	5	0	1	1	0	0	0	0	0	0	0	21
14:00 - 14:59	0	14	3	0	2	0	1	0	0	0	0	0	0	20
15:00 - 15:59	1	29	2	0	0	0	0	0	0	0	0	0	0	32
16:00 - 16:59	2	32	5	0	1	0	0	0	0	0	0	0	0	40
17:00 - 17:59	0	32	7	0	1	0	0	0	0	0	0	0	0	40
18:00 - 18:59	0	23	1	0	0	0	0	0	0	0	0	0	0	24
19:00 - 19:59	0	23	2	0	1	0	0	0	0	0	0	0	0	26
20:00 - 20:59	0	11	0	0	0	0	0	0	0	0	0	0	0	11
21:00 - 21:59	0	12	1	0	0	0	0	0	0	0	0	0	0	13
22:00 - 22:59	0	4	2	0	0	0	0	0	0	0	0	0	0	6
23:00 - 23:59	0	4	1	0	0	0	0	0	0	0	0	0	0	5
Totals	4	295	61	1	18	1	1	0	0	0	0	0	0	381
Percent of Total	1.0	77.4	16.0	0.3	4.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.9	69.2	19.7	0.9	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.1	81.1	14.4	0.0	2.7	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 21

% Trucks: 5.5

AM % Trucks: 10.3

PM % Trucks: 3.4

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Southbound Classes Report

Study Date: Friday, 07/11/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00 - 01:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	4	1	0	0	0	0	0	0	0	0	0	0	5
06:00 - 06:59	1	1	3	0	0	0	0	0	0	0	0	0	0	5
07:00 - 07:59	0	16	2	0	0	0	0	1	0	0	0	0	0	19
08:00 - 08:59	0	12	3	0	1	0	0	0	0	0	0	0	0	16
09:00 - 09:59	0	11	1	0	0	0	0	0	0	0	0	0	0	12
10:00 - 10:59	0	13	4	0	4	0	0	0	0	0	0	0	0	21
11:00 - 11:59	2	17	4	0	0	0	0	0	0	0	0	0	0	23
12:00 - 12:59	1	16	1	0	2	0	0	0	0	0	0	0	0	20
13:00 - 13:59	1	21	4	0	1	0	0	0	0	0	0	0	0	27
14:00 - 14:59	0	19	1	0	0	0	0	0	0	0	0	0	0	20
15:00 - 15:59	0	19	7	0	0	0	0	0	0	0	0	0	0	26
16:00 - 16:59	0	20	2	0	0	0	0	0	0	0	0	0	0	22
17:00 - 17:59	1	24	0	0	1	0	0	0	0	0	0	0	0	26
18:00 - 18:59	0	17	3	0	0	0	0	0	0	0	0	0	0	20
19:00 - 19:59	0	17	3	0	1	0	0	0	0	0	0	0	0	21
20:00 - 20:59	0	11	1	0	1	0	0	0	0	0	0	0	0	13
21:00 - 21:59	0	8	0	0	0	0	0	0	0	0	0	0	0	8
22:00 - 22:59	0	6	0	0	0	0	0	0	0	0	0	0	0	6
23:00 - 23:59	0	8	0	0	0	0	0	0	0	0	0	0	0	8
Totals	6	265	40	0	11	0	0	1	0	0	0	0	0	323
Percent of Total	1.9	82.0	12.4	0.0	3.4	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	2.8	74.5	17.0	0.0	4.7	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.4	85.7	10.1	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 12

% Trucks: 3.7

AM % Trucks: 5.7

PM % Trucks: 2.8

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Southbound Classes Report

Study Date: Saturday, 07/12/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
01:00 - 01:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 - 05:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
06:00 - 06:59	0	1	1	0	0	0	0	0	0	0	0	0	0	2
07:00 - 07:59	1	2	1	0	0	0	0	0	0	0	0	0	0	4
08:00 - 08:59	1	12	1	0	1	0	0	0	0	0	0	0	0	15
09:00 - 09:59	0	14	0	0	0	0	0	0	0	0	0	0	0	14
10:00 - 10:59	0	17	3	0	0	0	1	0	0	0	0	0	0	21
11:00 - 11:59	0	13	5	0	0	0	0	0	0	0	0	0	0	18
12:00 - 12:59	1	16	3	0	6	0	0	0	0	0	0	0	0	26
13:00 - 13:59	0	11	4	0	0	0	0	0	0	0	0	0	0	15
14:00 - 14:59	0	14	1	0	0	0	0	0	0	0	0	0	0	15
15:00 - 15:59	0	19	3	0	1	0	0	0	0	0	0	0	0	23
16:00 - 16:59	0	18	1	1	0	0	0	0	0	0	0	0	0	20
17:00 - 17:59	0	13	3	0	0	0	0	0	0	0	0	0	0	16
18:00 - 18:59	0	14	5	0	0	0	1	0	0	0	0	0	0	20
19:00 - 19:59	0	10	2	0	0	0	0	0	0	0	0	0	0	12
20:00 - 20:59	0	15	1	0	1	0	0	0	0	0	0	0	0	17
21:00 - 21:59	0	16	4	0	0	0	0	0	0	0	0	0	0	20
22:00 - 22:59	1	7	0	0	0	0	0	0	0	0	0	0	0	8
23:00 - 23:59	0	11	2	0	1	0	0	0	0	0	0	0	0	14
Totals	4	236	40	1	10	0	2	0	0	0	0	0	0	293
Percent of Total	1.4	80.5	13.7	0.3	3.4	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	2.3	82.8	12.6	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.0	79.6	14.1	0.5	4.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 13 % Trucks: 4.4 AM % Trucks: 2.3 PM % Trucks: 5.3

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Southbound Classes Report

Study Date: Sunday, 07/13/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:00 - 01:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
02:00 - 02:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 - 05:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00 - 06:59	0	2	1	0	0	0	0	0	0	0	0	0	0	3
07:00 - 07:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
08:00 - 08:59	0	7	2	0	1	0	0	0	0	0	0	0	0	10
09:00 - 09:59	0	12	1	0	1	0	0	0	0	0	0	0	0	14
10:00 - 10:59	0	15	0	0	1	0	0	0	0	0	0	0	0	16
11:00 - 11:59	0	16	4	0	0	0	0	0	0	0	0	0	0	20
12:00 - 12:59	0	22	2	0	2	0	0	0	0	0	0	0	0	26
13:00 - 13:59	1	21	3	0	4	0	0	0	0	0	0	0	0	29
14:00 - 14:59	0	38	7	0	1	0	0	0	0	0	0	0	0	46
15:00 - 15:59	1	41	2	0	0	0	0	0	0	0	0	0	0	44
16:00 - 16:59	3	28	2	0	0	0	0	0	0	0	0	0	0	33
17:00 - 17:59	0	14	3	0	1	0	0	1	0	0	0	0	0	19
18:00 - 18:59	0	10	1	0	0	0	0	0	0	0	0	0	0	11
19:00 - 19:59	0	8	0	0	0	0	0	0	0	0	0	0	0	8
20:00 - 20:59	0	11	2	0	0	0	0	0	0	0	0	0	0	13
21:00 - 21:59	0	8	2	0	0	0	0	0	0	0	0	0	0	10
22:00 - 22:59	0	9	0	0	0	0	0	0	0	0	0	0	0	9
23:00 - 23:59	0	4	2	0	0	0	0	0	0	0	0	0	0	6
Totals	5	276	34	0	11	0	0	1	0	0	0	0	0	327
Percent of Total	1.5	84.4	10.4	0.0	3.4	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	84.9	11.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	2.0	84.3	10.2	0.0	3.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 12

% Trucks: 3.7

AM % Trucks: 4.1

PM % Trucks: 3.5

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Southbound Classes Report

Study Date: Monday, 07/14/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00 - 01:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	2	1	0	0	0	0	0	1	0	0	0	0	4
06:00 - 06:59	1	4	2	0	2	2	0	0	0	0	0	0	0	11
07:00 - 07:59	1	8	4	0	0	0	0	0	0	0	0	0	0	13
08:00 - 08:59	0	15	2	1	1	1	0	0	0	0	0	0	0	20
09:00 - 09:59	1	15	3	1	1	0	0	0	0	0	0	0	0	21
10:00 - 10:59	1	12	2	0	0	0	0	0	0	0	0	0	0	15
11:00 - 11:59	0	14	3	0	2	0	0	0	0	0	0	0	0	19
12:00 - 12:59	0	22	5	0	3	0	0	0	0	0	0	0	0	30
13:00 - 13:59	0	16	2	0	1	0	0	0	0	0	0	0	0	19
14:00 - 14:59	0	16	5	0	2	0	0	0	0	0	0	0	0	23
15:00 - 15:59	0	26	8	0	2	0	0	0	0	0	0	0	0	36
16:00 - 16:59	0	30	1	0	1	0	0	0	0	0	0	0	0	32
17:00 - 17:59	0	23	7	0	1	0	0	0	0	0	0	0	0	31
18:00 - 18:59	0	23	2	0	0	0	0	0	0	0	0	0	0	25
19:00 - 19:59	0	10	1	0	0	0	0	0	0	0	0	0	0	11
20:00 - 20:59	0	18	2	0	1	0	0	0	0	0	0	0	0	21
21:00 - 21:59	1	9	1	0	1	0	0	0	0	0	0	0	0	12
22:00 - 22:59	0	10	1	0	0	0	0	0	0	0	0	0	0	11
23:00 - 23:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	5	279	53	2	18	3	0	0	1	0	0	0	0	361
Percent of Total	1.4	77.3	14.7	0.6	5.0	0.8	0.0	0.0	0.3	0.0	0.0	0.0	0.0	100
Percent of AM	3.7	68.8	16.5	1.8	5.5	2.8	0.0	0.0	0.9	0.0	0.0	0.0	0.0	100
Percent of PM	0.4	81.0	13.9	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 24

% Trucks: 6.6

AM % Trucks: 11.0

PM % Trucks: 4.8

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Southbound Classes Report

Study Date: Tuesday, 07/15/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00 - 01:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
06:00 - 06:59	1	1	1	0	0	0	0	0	0	0	0	0	0	3
07:00 - 07:59	0	19	4	1	2	0	0	0	0	0	0	0	0	26
08:00 - 08:59	0	22	3	1	0	0	0	0	0	0	0	0	0	26
09:00 - 09:59	0	14	3	0	3	0	0	0	0	0	0	0	0	20
10:00 - 10:59	1	13	4	1	1	0	0	0	0	0	0	0	0	20
11:00 - 11:59	0	15	5	0	2	0	0	0	0	0	0	0	0	22
12:00 - 12:59	0	18	5	0	2	0	0	0	0	0	0	0	0	25
13:00 - 13:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00 - 14:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00 - 15:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16:00 - 16:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17:00 - 17:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18:00 - 18:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19:00 - 19:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20:00 - 20:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21:00 - 21:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22:00 - 22:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23:00 - 23:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	3	110	25	3	10	0	0	0	0	0	0	0	0	151
Percent of Total	2.0	72.8	16.6	2.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	2.4	73.0	15.9	2.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.0	72.0	20.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 13

% Trucks: 8.6

AM % Trucks: 8.7

PM % Trucks: 8.0

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Total Classes Report

Study Date: Tuesday, 07/08/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 - 01:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 - 02:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 - 03:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 - 04:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 - 05:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 - 06:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 - 07:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 - 08:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 - 09:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:00 - 13:59	1	16	1	0	1	0	0	0	0	0	0	0	0	19
14:00 - 14:59	0	42	7	0	4	0	0	0	0	0	0	0	0	53
15:00 - 15:59	1	40	9	0	4	0	1	0	0	0	0	0	0	55
16:00 - 16:59	2	46	4	0	2	0	0	0	0	0	0	0	0	54
17:00 - 17:59	0	65	11	0	1	0	0	0	0	0	0	0	0	77
18:00 - 18:59	0	50	5	0	1	0	0	0	0	0	0	0	0	56
19:00 - 19:59	0	30	3	0	2	0	0	0	0	0	0	0	0	35
20:00 - 20:59	0	54	8	0	2	1	0	0	0	0	0	0	0	65
21:00 - 21:59	0	28	5	0	1	0	0	0	0	0	0	0	0	34
22:00 - 22:59	0	14	2	0	0	0	0	0	0	0	0	0	0	16
23:00 - 23:59	0	4	1	0	0	0	0	0	0	0	0	0	0	5
Totals	4	389	56	0	18	1	1	0	0	0	0	0	0	469
Percent of Total	0.9	82.9	11.9	0.0	3.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of 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	0.0	100
Percent of PM	0.9	82.9	11.9	0.0	3.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 20

% Trucks: 4.3

AM % Trucks: 0.0

PM % Trucks: 4.3

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Total Classes Report

Study Date: Wednesday, 07/09/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	8	1	0	0	0	0	0	0	0	0	0	0	9
01:00 - 01:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	6	1	0	0	0	0	0	0	0	0	0	0	7
05:00 - 05:59	0	10	1	0	0	0	0	0	0	0	0	0	0	11
06:00 - 06:59	1	9	4	0	1	0	0	0	0	0	0	0	0	15
07:00 - 07:59	0	36	4	0	3	0	0	0	0	0	0	0	0	43
08:00 - 08:59	0	38	6	1	2	0	0	0	0	0	0	0	0	47
09:00 - 09:59	0	37	8	0	4	0	0	0	0	0	0	0	0	49
10:00 - 10:59	1	10	6	0	2	0	0	0	0	0	0	0	0	19
11:00 - 11:59	1	32	11	1	4	0	1	0	0	0	0	0	0	50
12:00 - 12:59	1	37	13	0	3	0	0	0	0	0	0	0	0	54
13:00 - 13:59	2	43	7	0	4	0	0	0	0	0	0	0	0	56
14:00 - 14:59	0	66	7	0	5	1	0	0	0	0	0	0	0	79
15:00 - 15:59	0	59	11	0	2	0	0	1	0	0	0	0	0	73
16:00 - 16:59	1	55	6	0	1	0	0	0	0	0	0	0	0	63
17:00 - 17:59	0	76	4	0	1	0	0	0	0	0	0	0	0	81
18:00 - 18:59	2	60	6	0	3	0	0	0	0	0	0	0	0	71
19:00 - 19:59	0	47	5	0	0	0	0	0	0	0	0	0	0	52
20:00 - 20:59	0	49	6	0	3	0	0	0	0	0	0	0	0	58
21:00 - 21:59	1	27	5	0	0	0	0	0	0	0	0	0	0	33
22:00 - 22:59	0	12	3	0	0	0	0	0	0	0	0	0	0	15
23:00 - 23:59	0	10	0	0	0	0	0	0	0	0	0	0	0	10
Totals	10	731	116	2	38	1	1	1	0	0	0	0	0	900
Percent of Total	1.1	81.2	12.9	0.2	4.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	1.2	74.5	16.9	0.8	6.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.1	83.9	11.3	0.0	3.4	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 43

% Trucks: 4.8

AM % Trucks: 7.5

PM % Trucks: 3.7

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Total Classes Report

Study Date: Thursday, 07/10/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
01:00 - 01:59	0	8	1	0	0	0	0	0	0	0	0	0	0	9
02:00 - 02:59	0	1	1	0	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	0	1	1	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	5	2	0	0	0	0	0	0	0	0	0	0	7
05:00 - 05:59	0	6	1	0	1	0	0	0	0	0	0	0	0	8
06:00 - 06:59	1	16	4	0	2	0	0	0	0	0	0	0	0	23
07:00 - 07:59	0	31	7	0	2	0	0	0	0	0	0	0	0	40
08:00 - 08:59	0	37	8	1	2	0	0	0	0	0	0	0	0	48
09:00 - 09:59	0	24	4	0	2	0	0	0	0	0	0	0	0	30
10:00 - 10:59	0	34	11	0	4	0	0	0	0	0	0	0	0	49
11:00 - 11:59	0	32	6	0	8	2	0	0	0	0	0	0	0	48
12:00 - 12:59	0	32	10	0	6	0	0	0	0	0	0	0	0	48
13:00 - 13:59	0	38	8	0	5	1	0	0	0	0	0	0	0	52
14:00 - 14:59	0	32	6	0	4	0	1	0	0	0	0	0	0	43
15:00 - 15:59	1	64	6	0	1	0	0	0	0	0	0	0	0	72
16:00 - 16:59	3	66	8	0	2	0	0	0	0	0	0	0	0	79
17:00 - 17:59	0	62	13	0	1	0	0	0	0	0	0	0	0	76
18:00 - 18:59	0	51	5	0	0	0	0	0	0	0	0	0	0	56
19:00 - 19:59	0	37	3	0	1	0	0	0	0	0	0	0	0	41
20:00 - 20:59	0	44	1	0	0	0	0	0	0	0	0	0	0	45
21:00 - 21:59	0	23	1	0	0	0	0	0	0	0	0	0	0	24
22:00 - 22:59	0	12	2	0	0	0	0	0	0	0	0	0	0	14
23:00 - 23:59	0	9	1	0	0	0	0	0	0	0	0	0	0	10
Totals	5	668	110	1	41	3	1	0	0	0	0	0	0	829
Percent of Total	0.6	80.6	13.3	0.1	4.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.4	73.6	17.1	0.4	7.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.7	83.9	11.4	0.0	3.6	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 46

% Trucks: 5.5

AM % Trucks: 8.9

PM % Trucks: 3.9

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Total Classes Report

Study Date: Friday, 07/11/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
01:00 - 01:59	0	6	0	0	0	0	0	0	0	0	0	0	0	6
02:00 - 02:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	0	1	1	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	3	1	0	0	0	0	0	0	0	0	0	0	4
05:00 - 05:59	0	7	2	0	0	0	0	0	0	0	0	0	0	9
06:00 - 06:59	1	12	4	0	0	0	0	0	0	0	0	0	0	17
07:00 - 07:59	0	32	5	0	0	0	0	1	0	0	0	0	0	38
08:00 - 08:59	1	27	11	0	2	0	0	0	0	0	0	0	0	41
09:00 - 09:59	1	34	5	0	3	0	0	0	0	0	0	0	0	43
10:00 - 10:59	0	31	8	0	5	0	0	0	0	0	0	0	0	44
11:00 - 11:59	2	32	11	0	3	0	0	0	0	0	0	0	0	48
12:00 - 12:59	1	46	4	0	3	0	0	0	0	0	0	0	0	54
13:00 - 13:59	1	50	9	0	2	0	0	0	0	0	0	0	0	62
14:00 - 14:59	0	38	6	0	2	0	0	0	0	0	0	0	0	46
15:00 - 15:59	1	40	12	0	2	1	0	0	0	0	0	0	0	56
16:00 - 16:59	0	47	4	0	0	0	0	0	0	0	0	0	0	51
17:00 - 17:59	1	40	4	0	1	0	0	0	0	0	0	0	0	46
18:00 - 18:59	0	41	5	0	0	0	0	0	0	0	0	0	0	46
19:00 - 19:59	0	24	6	0	1	0	0	0	0	0	0	0	0	31
20:00 - 20:59	0	25	2	0	1	0	1	0	0	0	0	0	0	29
21:00 - 21:59	0	14	1	0	0	0	0	0	0	0	0	0	0	15
22:00 - 22:59	0	14	6	0	0	0	0	0	0	0	0	0	0	20
23:00 - 23:59	0	13	2	0	0	0	0	0	0	0	0	0	0	15
Totals	9	582	109	0	25	1	1	1	0	0	0	0	0	728
Percent of Total	1.2	79.9	15.0	0.0	3.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	1.9	73.9	18.7	0.0	5.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.8	83.2	13.0	0.0	2.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 28

% Trucks: 3.8

AM % Trucks: 5.4

PM % Trucks: 3.0

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Total Classes Report

Study Date: Saturday, 07/12/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	6	0	0	0	0	0	0	0	0	0	0	0	6
01:00 - 01:59	0	8	0	0	0	0	0	0	0	0	0	0	0	8
02:00 - 02:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00 - 03:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
06:00 - 06:59	0	2	2	0	0	0	0	0	0	0	0	0	0	4
07:00 - 07:59	2	6	1	0	0	0	0	0	0	0	0	0	0	9
08:00 - 08:59	1	24	2	0	1	0	0	0	0	0	0	0	0	28
09:00 - 09:59	1	44	3	0	0	0	0	0	0	0	0	0	0	48
10:00 - 10:59	1	31	5	0	1	0	1	0	0	0	0	0	0	39
11:00 - 11:59	0	35	10	0	0	0	0	0	0	0	0	0	0	45
12:00 - 12:59	1	31	7	0	7	0	0	0	0	0	0	0	0	46
13:00 - 13:59	0	33	7	0	1	0	0	0	0	0	0	0	0	41
14:00 - 14:59	0	28	6	0	1	0	0	0	0	0	0	0	0	35
15:00 - 15:59	0	39	8	0	1	0	0	0	0	0	0	0	0	48
16:00 - 16:59	0	41	6	1	0	0	0	0	0	0	0	0	0	48
17:00 - 17:59	0	35	6	0	0	0	0	0	0	0	0	0	0	41
18:00 - 18:59	0	29	9	0	0	0	1	0	0	0	0	0	0	39
19:00 - 19:59	0	25	3	0	0	0	0	0	0	0	0	0	0	28
20:00 - 20:59	1	17	4	0	1	0	0	0	0	0	0	0	0	23
21:00 - 21:59	0	27	5	0	0	0	0	0	0	0	0	0	0	32
22:00 - 22:59	1	20	2	0	0	0	0	0	0	0	0	0	0	23
23:00 - 23:59	0	16	2	0	1	0	0	0	0	0	0	0	0	19
Totals	8	508	88	1	14	0	2	0	0	0	0	0	0	621
Percent of Total	1.3	81.8	14.2	0.2	2.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	2.5	84.3	11.6	0.0	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.7	80.6	15.4	0.2	2.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 17

% Trucks: 2.7

AM % Trucks: 1.5

PM % Trucks: 3.3

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Total Classes Report

Study Date: Sunday, 07/13/2025

Unit ID:

Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	8	0	0	0	0	0	0	0	0	0	0	0	8
01:00 - 01:59	0	8	0	0	0	0	0	0	0	0	0	0	0	8
02:00 - 02:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
03:00 - 03:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	1	1	0	0	0	0	0	0	0	0	0	0	2
06:00 - 06:59	0	7	1	0	0	0	0	0	0	0	0	0	0	8
07:00 - 07:59	0	8	3	0	1	0	0	0	0	0	0	0	0	12
08:00 - 08:59	1	21	2	0	2	0	0	0	0	0	0	0	0	26
09:00 - 09:59	1	29	2	0	1	0	0	0	0	0	0	0	0	33
10:00 - 10:59	0	35	1	0	2	0	0	0	0	0	0	0	0	38
11:00 - 11:59	0	39	9	0	2	0	0	0	0	0	0	0	0	50
12:00 - 12:59	0	52	5	0	3	0	0	0	0	0	0	0	0	60
13:00 - 13:59	2	50	7	0	5	0	0	0	0	0	0	0	0	64
14:00 - 14:59	0	70	14	0	1	0	0	0	0	0	0	0	0	85
15:00 - 15:59	1	72	8	0	0	0	0	0	0	0	0	0	0	81
16:00 - 16:59	3	47	5	0	0	0	0	0	0	0	0	0	0	55
17:00 - 17:59	0	28	4	0	2	0	0	1	0	0	0	0	0	35
18:00 - 18:59	0	22	1	0	0	0	0	0	0	0	0	0	0	23
19:00 - 19:59	1	17	2	0	0	0	0	0	0	0	0	0	0	20
20:00 - 20:59	0	22	5	0	0	0	0	0	0	0	0	0	0	27
21:00 - 21:59	1	24	4	1	0	0	0	0	0	0	0	0	0	30
22:00 - 22:59	0	18	0	0	1	0	0	0	0	0	0	0	0	19
23:00 - 23:59	0	6	3	0	0	0	0	0	0	0	0	0	0	9
Totals	10	590	77	1	20	0	0	1	0	0	0	0	0	699
Percent of Total	1.4	84.4	11.0	0.1	2.9	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	1.0	84.8	9.9	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.6	84.3	11.4	0.2	2.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 22

% Trucks: 3.1

AM % Trucks: 4.2

PM % Trucks: 2.8

Classification Scheme: FHWA (ID: 1)

#1 Motorcycles - 2 Axles
#2 Passenger Cars - 2 Axles
#3 Pickup Trucks, Vans - 2 Axles
#4 Buses
#5 Single Unit - 2 Axles, 6 Tires

#6 Single Unit Truck - 3 Axles
#7 Single Unit - 4 Axles
#8 Single Unit - 4 Axles or Less
#9 Double Unit - 5 Axles
#10 Double Unit - 6 Axles or More

#11 Multi-Unit - 5 Axles or Less
#12 Multi-Unit - 6 Axles
#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Total Classes Report

Study Date: Monday, 07/14/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00 - 01:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 - 03:59	0	0	2	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	5	1	0	0	0	0	0	0	0	0	0	0	6
05:00 - 05:59	0	5	2	0	0	1	0	0	2	0	0	0	0	10
06:00 - 06:59	1	13	2	0	2	3	0	0	0	0	0	0	0	21
07:00 - 07:59	1	29	9	0	0	0	0	0	0	0	0	0	0	39
08:00 - 08:59	0	35	4	1	2	2	0	0	0	0	0	0	0	44
09:00 - 09:59	1	31	9	1	2	0	0	0	0	0	0	0	0	44
10:00 - 10:59	1	31	5	0	1	0	0	0	0	0	0	0	0	38
11:00 - 11:59	0	33	7	0	3	0	0	0	0	0	0	0	0	43
12:00 - 12:59	1	41	6	0	5	0	0	0	0	0	0	0	0	53
13:00 - 13:59	0	36	4	1	4	0	0	0	0	0	0	0	0	45
14:00 - 14:59	0	41	11	0	4	0	0	0	0	0	0	0	0	56
15:00 - 15:59	0	47	12	0	2	0	0	0	0	0	0	0	0	61
16:00 - 16:59	1	69	7	0	1	0	0	1	0	0	0	0	0	79
17:00 - 17:59	0	50	13	0	2	0	0	0	0	0	0	0	0	65
18:00 - 18:59	0	44	7	0	0	0	0	0	0	0	0	0	0	51
19:00 - 19:59	0	33	4	0	1	0	0	0	1	0	0	0	0	39
20:00 - 20:59	0	39	3	0	1	0	0	0	0	0	0	0	0	43
21:00 - 21:59	1	22	1	0	1	0	0	0	0	0	0	0	0	25
22:00 - 22:59	0	19	1	0	0	0	0	0	0	0	0	0	0	20
23:00 - 23:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	7	628	110	3	31	6	0	1	3	0	0	0	0	789
Percent of Total	0.9	79.6	13.9	0.4	3.9	0.8	0.0	0.1	0.4	0.0	0.0	0.0	0.0	100
Percent of AM	1.6	74.0	16.4	0.8	4.0	2.4	0.0	0.0	0.8	0.0	0.0	0.0	0.0	100
Percent of PM	0.6	82.2	12.8	0.2	3.9	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 44

% Trucks: 5.6

AM % Trucks: 8.0

PM % Trucks: 4.5

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Total Classes Report

Study Date: Tuesday, 07/15/2025
Unit ID:
Location: 4713 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	1	1	0	0	0	0	0	0	0	0	0	0	0	2
01:00 - 01:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	2	1	0	0	0	0	0	0	0	0	0	0	3
04:00 - 04:59	0	5	1	0	0	0	0	0	0	0	0	0	0	6
05:00 - 05:59	0	7	1	0	0	0	0	0	0	0	0	0	0	8
06:00 - 06:59	1	13	1	0	0	0	0	0	0	0	0	0	0	15
07:00 - 07:59	0	42	7	1	3	0	0	0	0	0	0	0	0	53
08:00 - 08:59	0	51	6	1	0	0	0	0	0	0	0	0	0	58
09:00 - 09:59	0	33	5	0	4	0	0	0	0	0	0	0	0	42
10:00 - 10:59	1	32	7	1	1	0	0	0	0	0	0	0	0	42
11:00 - 11:59	1	31	12	0	6	0	0	0	0	0	0	0	0	50
12:00 - 12:59	0	29	6	0	4	0	0	1	0	0	0	0	0	40
13:00 - 13:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00 - 14:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00 - 15:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16:00 - 16:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17:00 - 17:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18:00 - 18:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19:00 - 19:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20:00 - 20:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21:00 - 21:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22:00 - 22:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23:00 - 23:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	4	250	47	3	18	0	0	1	0	0	0	0	0	323
Percent of Total	1.2	77.4	14.6	0.9	5.6	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	1.4	78.1	14.5	1.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.0	72.5	15.0	0.0	10.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 22

% Trucks: 6.8

AM % Trucks: 6.0

PM % Trucks: 12.5

Classification Scheme: FHWA (ID: 1)

- #1 Motorcycles - 2 Axles

#2 Passenger Cars - 2 Axles

#3 Pickup Trucks, Vans - 2 Axles

#4 Buses

#5 Single Unit - 2 Axles, 6 Tires
- #6 Single Unit Truck - 3 Axles

#7 Single Unit - 4 Axles

#8 Single Unit - 4 Axles or Less

#9 Double Unit - 5 Axles

#10 Double Unit - 6 Axles or More
- #11 Multi-Unit - 5 Axles or Less

#12 Multi-Unit - 6 Axles

#13 Multi-Unit - 7 Axles or More

City of Crystal

Daily Northbound Speeds (MPH)

Study Date: Tuesday, 07/08/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 - 01:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 - 02:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 - 03:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 - 04:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 - 05:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 - 06:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 - 07:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 - 08:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 - 09:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:00 - 13:59	1	2	6	0	0	0	0	0	0	0	0	0	0	0	0	9	20.9	24.5
14:00 - 14:59	0	12	19	0	0	0	0	0	0	0	0	0	0	0	0	31	21.5	24.6
15:00 - 15:59	1	3	24	6	0	0	0	0	0	0	0	0	0	0	0	34	23.5	26.3
16:00 - 16:59	0	9	19	3	0	0	0	0	0	0	0	0	0	0	0	31	22.5	25.4
17:00 - 17:59	0	1	33	4	0	0	0	0	0	0	0	0	0	0	0	38	23.9	25.7
18:00 - 18:59	1	5	13	3	0	0	0	0	0	0	0	0	0	0	0	22	22.4	25.7
19:00 - 19:59	1	5	13	0	0	0	0	0	0	0	0	0	0	0	0	19	21.4	24.7
20:00 - 20:59	2	21	19	3	0	0	0	0	0	0	0	0	0	0	0	45	20.9	24.9
21:00 - 21:59	1	8	14	1	0	0	0	0	0	0	0	0	0	0	0	24	21.5	24.9
22:00 - 22:59	0	3	5	1	0	0	0	0	0	0	0	0	0	0	0	9	22.2	25.1
23:00 - 23:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	21.7	23.6
Totals	7	70	167	21	0	0	0	0	0	0	0	0	0	0	0	265		
Percent of Total	2.6	26.4	63.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of 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	0.0	0.0	0.0	100		
Percent of PM	2.6	26.4	63.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	3.7 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.4 MPH
Mean Speed:	22.2 MPH	Percent in Ten Mile Pace:	89.4%	15th Percentile:	18.3 MPH
Median Speed:	22.6 MPH			90th Percentile:	25.8 MPH
Modal Speed:	23.5 MPH			95th Percentile:	27.7 MPH

City of Crystal

Daily Northbound Speeds (MPH)

Study Date: Wednesday, 07/09/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	20.5	22.0
01:00 - 01:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	23.5	24.0
02:00 - 02:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
04:00 - 04:59	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4	20.0	24.2
05:00 - 05:59	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4	24.5	25.5
06:00 - 06:59	0	2	4	3	0	0	0	0	0	0	0	0	0	0	0	9	24.0	27.9
07:00 - 07:59	1	5	17	1	0	0	0	0	0	0	0	0	0	0	0	24	22.0	25.1
08:00 - 08:59	0	2	26	6	0	0	0	0	0	0	0	0	0	0	0	34	24.1	26.3
09:00 - 09:59	1	6	20	1	0	0	0	0	0	0	0	0	0	0	0	28	22.1	25.1
10:00 - 10:59	0	3	7	2	0	0	0	0	0	0	0	0	0	0	0	12	23.0	25.3
11:00 - 11:59	1	8	16	0	0	0	0	0	0	0	0	0	0	0	0	25	21.4	24.7
12:00 - 12:59	2	7	22	1	0	0	0	0	0	0	0	0	0	0	0	32	21.7	25.0
13:00 - 13:59	1	6	19	2	0	0	0	0	0	0	0	0	0	0	0	28	22.3	25.3
14:00 - 14:59	6	11	19	1	0	0	0	0	0	0	0	0	0	0	0	37	20.0	24.7
15:00 - 15:59	2	12	21	2	0	0	0	0	0	0	0	0	0	0	0	37	21.4	25.0
16:00 - 16:59	0	5	21	4	0	0	0	0	0	0	0	0	0	0	0	30	23.3	25.8
17:00 - 17:59	4	12	22	1	1	0	0	0	0	0	0	0	0	0	0	40	21.0	25.0
18:00 - 18:59	1	15	17	0	0	0	0	0	0	0	0	0	0	0	0	33	20.8	24.4
19:00 - 19:59	1	7	19	1	0	0	0	0	0	0	0	0	0	0	0	28	21.9	25.0
20:00 - 20:59	6	17	22	0	0	0	0	0	0	0	0	0	0	0	0	45	19.9	24.4
21:00 - 21:59	0	3	7	1	0	0	0	0	0	0	0	0	0	0	0	11	22.5	25.2
22:00 - 22:59	3	2	2	2	0	0	0	0	0	0	0	0	0	0	0	9	19.1	26.4
23:00 - 23:59	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	7	20.1	24.1
Totals	31	126	295	30	1	0	0	0	0	0	0	0	0	0	0	483		
Percent of Total	6.4	26.1	61.1	6.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	2.7	18.5	68.5	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	8.0	29.4	57.9	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	4.3 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.3 MPH
Mean Speed:	21.7 MPH	Percent in Ten Mile Pace:	87.2%	15th Percentile:	17.6 MPH
Median Speed:	22.4 MPH			90th Percentile:	25.7 MPH
Modal Speed:	23.5 MPH			95th Percentile:	27.1 MPH

City of Crystal

Daily Northbound Speeds (MPH)

Study Date: Thursday, 07/10/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	20.5	22.0
01:00 - 01:59	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	23.3	24.4
02:00 - 02:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10.0	8.9
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
04:00 - 04:59	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3	20.0	21.3
05:00 - 05:59	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5	20.4	22.9
06:00 - 06:59	0	4	7	1	0	0	0	0	0	0	0	0	0	0	0	12	22.2	25.1
07:00 - 07:59	0	4	19	1	0	0	0	0	0	0	0	0	0	0	0	24	22.8	25.2
08:00 - 08:59	1	8	13	1	0	0	0	0	0	0	0	0	0	0	0	23	21.3	24.9
09:00 - 09:59	0	6	10	3	0	0	0	0	0	0	0	0	0	0	0	19	22.7	25.4
10:00 - 10:59	1	5	20	2	0	0	0	0	0	0	0	0	0	0	0	28	22.5	25.3
11:00 - 11:59	1	8	21	1	0	0	0	0	0	0	0	0	0	0	0	31	21.9	25.0
12:00 - 12:59	1	9	11	1	0	0	0	0	0	0	0	0	0	0	0	22	21.0	24.7
13:00 - 13:59	1	8	21	1	0	0	0	0	0	0	0	0	0	0	0	31	21.9	25.0
14:00 - 14:59	0	10	11	2	0	0	0	0	0	0	0	0	0	0	0	23	21.7	25.1
15:00 - 15:59	0	4	30	6	0	0	0	0	0	0	0	0	0	0	0	40	23.8	25.9
16:00 - 16:59	0	3	32	3	1	0	0	0	0	0	0	0	0	0	0	39	23.7	25.6
17:00 - 17:59	3	5	26	2	0	0	0	0	0	0	0	0	0	0	0	36	22.0	25.3
18:00 - 18:59	2	11	16	2	1	0	0	0	0	0	0	0	0	0	0	32	21.6	25.3
19:00 - 19:59	0	4	9	2	0	0	0	0	0	0	0	0	0	0	0	15	22.8	25.6
20:00 - 20:59	4	15	15	0	0	0	0	0	0	0	0	0	0	0	0	34	19.7	24.1
21:00 - 21:59	0	5	6	0	0	0	0	0	0	0	0	0	0	0	0	11	21.2	24.2
22:00 - 22:59	1	3	3	1	0	0	0	0	0	0	0	0	0	0	0	8	20.4	24.8
23:00 - 23:59	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	23.4	24.8
Totals	16	118	283	29	2	0	0	0	0	0	0	0	0	0	0	448		
Percent of Total	3.6	26.3	63.2	6.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	2.6	27.0	64.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	4.1	26.0	62.5	6.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	3.9 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.4 MPH
Mean Speed:	22.1 MPH	Percent in Ten Mile Pace:	89.5%	15th Percentile:	18.1 MPH
Median Speed:	22.6 MPH			90th Percentile:	25.7 MPH
Modal Speed:	23.5 MPH			95th Percentile:	27.4 MPH

City of Crystal

Daily Northbound Speeds (MPH)

Study Date: Friday, 07/11/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	25.5	27.0
01:00 - 01:59	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4	21.0	23.3
02:00 - 02:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
03:00 - 03:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	23.5	24.0
04:00 - 04:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	21.7	23.6
05:00 - 05:59	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4	22.0	24.2
06:00 - 06:59	0	3	8	1	0	0	0	0	0	0	0	0	0	0	0	12	22.6	25.2
07:00 - 07:59	0	6	10	2	1	0	0	0	0	0	0	0	0	0	0	19	22.9	25.1
08:00 - 08:59	1	9	14	1	0	0	0	0	0	0	0	0	0	0	0	25	21.3	24.8
09:00 - 09:59	0	10	19	2	0	0	0	0	0	0	0	0	0	0	0	31	22.2	25.2
10:00 - 10:59	0	6	15	2	0	0	0	0	0	0	0	0	0	0	0	23	22.6	25.4
11:00 - 11:59	0	3	19	3	0	0	0	0	0	0	0	0	0	0	0	25	23.4	25.7
12:00 - 12:59	0	4	28	2	0	0	0	0	0	0	0	0	0	0	0	34	23.2	25.4
13:00 - 13:59	2	13	16	4	0	0	0	0	0	0	0	0	0	0	0	35	21.5	25.5
14:00 - 14:59	2	11	12	1	0	0	0	0	0	0	0	0	0	0	0	26	20.5	24.6
15:00 - 15:59	2	10	14	3	1	0	0	0	0	0	0	0	0	0	0	30	21.8	25.6
16:00 - 16:59	3	11	12	2	1	0	0	0	0	0	0	0	0	0	0	29	20.9	25.2
17:00 - 17:59	1	5	13	1	0	0	0	0	0	0	0	0	0	0	0	20	21.8	25.0
18:00 - 18:59	2	7	15	1	1	0	0	0	0	0	0	0	0	0	0	26	21.7	25.2
19:00 - 19:59	0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	9	22.3	24.7
20:00 - 20:59	0	4	10	1	0	0	0	0	0	0	0	0	0	0	0	15	22.5	25.1
21:00 - 21:59	0	4	2	1	0	0	0	0	0	0	0	0	0	0	0	7	21.3	24.6
22:00 - 22:59	1	4	9	0	0	0	0	0	0	0	0	0	0	0	0	14	21.1	24.6
23:00 - 23:59	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	7	21.9	25.1
Totals	14	119	236	30	4	0	0	0	0	0	0	0	0	0	0	403		
Percent of Total	3.5	29.5	58.6	7.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	0.7	27.2	62.9	8.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	5.2	31.0	56.0	6.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	4.0 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.4 MPH
Mean Speed:	22.0 MPH	Percent in Ten Mile Pace:	88.1%	15th Percentile:	17.9 MPH
Median Speed:	22.4 MPH			90th Percentile:	25.9 MPH
Modal Speed:	23.5 MPH			95th Percentile:	28.2 MPH

City of Crystal

Daily Northbound Speeds (MPH)

Study Date: Saturday, 07/12/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	21.7	23.6
01:00 - 01:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	21.7	23.6
02:00 - 02:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
03:00 - 03:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	25.5	27.0
04:00 - 04:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	25.0	26.3
05:00 - 05:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
06:00 - 06:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	20.5	22.0
07:00 - 07:59	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	5	22.4	24.8
08:00 - 08:59	0	3	8	2	0	0	0	0	0	0	0	0	0	0	0	13	23.1	24.9
09:00 - 09:59	1	7	23	3	0	0	0	0	0	0	0	0	0	0	0	34	22.5	25.4
10:00 - 10:59	1	2	11	3	1	0	0	0	0	0	0	0	0	0	0	18	23.5	27.3
11:00 - 11:59	0	1	23	3	0	0	0	0	0	0	0	0	0	0	0	27	23.8	25.7
12:00 - 12:59	0	9	10	1	0	0	0	0	0	0	0	0	0	0	0	20	21.5	24.8
13:00 - 13:59	0	11	14	1	0	0	0	0	0	0	0	0	0	0	0	26	21.5	24.8
14:00 - 14:59	1	7	11	1	0	0	0	0	0	0	0	0	0	0	0	20	21.3	24.9
15:00 - 15:59	4	17	4	0	0	0	0	0	0	0	0	0	0	0	0	25	18.0	20.7
16:00 - 16:59	2	9	17	0	0	0	0	0	0	0	0	0	0	0	0	28	20.9	24.6
17:00 - 17:59	2	9	13	1	0	0	0	0	0	0	0	0	0	0	0	25	20.8	24.8
18:00 - 18:59	2	8	9	0	0	0	0	0	0	0	0	0	0	0	0	19	20.0	24.1
19:00 - 19:59	2	6	8	0	0	0	0	0	0	0	0	0	0	0	0	16	20.0	24.2
20:00 - 20:59	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	6	21.0	24.0
21:00 - 21:59	0	4	8	0	0	0	0	0	0	0	0	0	0	0	0	12	21.8	24.6
22:00 - 22:59	1	4	10	0	0	0	0	0	0	0	0	0	0	0	0	15	21.3	24.6
23:00 - 23:59	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	5	18.8	22.9
Totals	18	105	185	19	1	0	0	0	0	0	0	0	0	0	0	328		
Percent of Total	5.5	32.0	56.4	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	1.8	16.2	68.5	12.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	7.4	40.1	50.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	4.2 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.2 MPH
Mean Speed:	21.5 MPH	Percent in Ten Mile Pace:	88.4%	15th Percentile:	17.5 MPH
Median Speed:	22.1 MPH			90th Percentile:	25.6 MPH
Modal Speed:	23.5 MPH			95th Percentile:	26.8 MPH

City of Crystal

Daily Northbound Speeds (MPH)

Study Date: Sunday, 07/13/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	6	19.5	23.7
01:00 - 01:59	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	4	17.5	20.5
02:00 - 02:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	23.5	24.0
03:00 - 03:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
04:00 - 04:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
05:00 - 05:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
06:00 - 06:59	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	5	22.4	24.4
07:00 - 07:59	0	6	4	1	0	0	0	0	0	0	0	0	0	0	0	11	21.2	24.6
08:00 - 08:59	0	6	8	2	0	0	0	0	0	0	0	0	0	0	0	16	22.3	25.4
09:00 - 09:59	1	0	16	2	0	0	0	0	0	0	0	0	0	0	0	19	23.3	25.6
10:00 - 10:59	1	4	16	1	0	0	0	0	0	0	0	0	0	0	0	22	22.2	25.1
11:00 - 11:59	0	8	21	1	0	0	0	0	0	0	0	0	0	0	0	30	22.3	25.0
12:00 - 12:59	1	5	25	3	0	0	0	0	0	0	0	0	0	0	0	34	22.8	25.5
13:00 - 13:59	2	7	24	2	0	0	0	0	0	0	0	0	0	0	0	35	22.0	25.2
14:00 - 14:59	2	7	25	4	1	0	0	0	0	0	0	0	0	0	0	39	22.7	25.7
15:00 - 15:59	1	8	23	5	0	0	0	0	0	0	0	0	0	0	0	37	22.7	25.8
16:00 - 16:59	0	1	18	3	0	0	0	0	0	0	0	0	0	0	0	22	23.9	25.8
17:00 - 17:59	0	2	13	1	0	0	0	0	0	0	0	0	0	0	0	16	23.1	25.3
18:00 - 18:59	1	4	6	1	0	0	0	0	0	0	0	0	0	0	0	12	21.1	24.9
19:00 - 19:59	0	2	6	3	0	1	0	0	0	0	0	0	0	0	0	12	25.1	28.8
20:00 - 20:59	0	2	10	2	0	0	0	0	0	0	0	0	0	0	0	14	23.5	25.7
21:00 - 21:59	1	8	11	0	0	0	0	0	0	0	0	0	0	0	0	20	20.8	24.4
22:00 - 22:59	0	3	6	1	0	0	0	0	0	0	0	0	0	0	0	10	22.4	25.2
23:00 - 23:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	21.7	23.6
Totals	12	82	244	32	1	1	0	0	0	0	0	0	0	0	0	372		
Percent of Total	3.2	22.0	65.6	8.6	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	3.4	27.1	63.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	3.1	19.7	66.5	9.8	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	3.9 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.5 MPH
Mean Speed:	22.5 MPH	Percent in Ten Mile Pace:	87.6%	15th Percentile:	18.6 MPH
Median Speed:	22.9 MPH			90th Percentile:	25.9 MPH
Modal Speed:	23.5 MPH			95th Percentile:	28.3 MPH

City of Crystal

Daily Northbound Speeds (MPH)

Study Date: Monday, 07/14/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
01:00 - 01:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
02:00 - 02:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
04:00 - 04:59	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	23.3	24.4
05:00 - 05:59	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	6	20.3	24.3
06:00 - 06:59	0	1	7	2	0	0	0	0	0	0	0	0	0	0	0	10	23.9	26.0
07:00 - 07:59	0	6	18	1	1	0	0	0	0	0	0	0	0	0	0	26	22.9	25.3
08:00 - 08:59	0	8	16	0	0	0	0	0	0	0	0	0	0	0	0	24	21.8	24.7
09:00 - 09:59	0	10	13	0	0	0	0	0	0	0	0	0	0	0	0	23	21.3	24.5
10:00 - 10:59	0	6	16	1	0	0	0	0	0	0	0	0	0	0	0	23	22.4	25.1
11:00 - 11:59	0	6	15	2	0	1	0	0	0	0	0	0	0	0	0	24	23.3	25.6
12:00 - 12:59	0	6	14	3	0	0	0	0	0	0	0	0	0	0	0	23	22.8	25.7
13:00 - 13:59	2	13	11	0	0	0	0	0	0	0	0	0	0	0	0	26	20.0	24.0
14:00 - 14:59	1	14	15	2	1	0	0	0	0	0	0	0	0	0	0	33	21.5	25.2
15:00 - 15:59	2	7	13	3	0	0	0	0	0	0	0	0	0	0	0	25	21.6	25.5
16:00 - 16:59	3	18	24	2	0	0	0	0	0	0	0	0	0	0	0	47	21.0	24.8
17:00 - 17:59	2	11	21	0	0	0	0	0	0	0	0	0	0	0	0	34	21.1	24.7
18:00 - 18:59	2	12	12	0	0	0	0	0	0	0	0	0	0	0	0	26	20.2	24.2
19:00 - 19:59	2	9	16	0	0	0	0	0	0	0	0	0	0	0	0	27	20.9	24.6
20:00 - 20:59	0	7	14	1	0	0	0	0	0	0	0	0	0	0	0	22	22.1	25.0
21:00 - 21:59	1	3	7	2	0	0	0	0	0	0	0	0	0	0	0	13	22.0	24.9
22:00 - 22:59	0	4	5	0	0	0	0	0	0	0	0	0	0	0	0	9	21.2	24.1
23:00 - 23:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
Totals	16	142	246	20	2	1	0	0	0	0	0	0	0	0	0	427		
Percent of Total	3.7	33.3	57.6	4.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	0.7	27.0	66.7	4.3	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	5.2	36.4	53.1	4.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation: 4.0 MPH

Ten Mile Pace: 16 to 25 MPH

85th Percentile: 25.2 MPH

Mean Speed: 21.7 MPH

Percent in Ten Mile Pace: 90.9%

Median Speed: 22.1 MPH

15th Percentile: 17.7 MPH

Modal Speed: 23.5 MPH

90th Percentile: 25.6 MPH

95th Percentile: 26.3 MPH

City of Crystal

Daily Northbound Speeds (MPH)

Study Date: Tuesday, 07/15/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
01:00 - 01:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
03:00 - 03:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	21.7	23.6
04:00 - 04:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	25.0	26.3
05:00 - 05:59	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6	24.2	24.0
06:00 - 06:59	1	1	8	2	0	0	0	0	0	0	0	0	0	0	0	12	22.8	25.3
07:00 - 07:59	1	3	20	3	0	0	0	0	0	0	0	0	0	0	0	27	23.0	25.6
08:00 - 08:59	0	6	25	1	0	0	0	0	0	0	0	0	0	0	0	32	22.7	25.1
09:00 - 09:59	0	5	12	5	0	0	0	0	0	0	0	0	0	0	0	22	23.5	27.2
10:00 - 10:59	0	4	16	2	0	0	0	0	0	0	0	0	0	0	0	22	23.0	25.4
11:00 - 11:59	2	7	12	6	1	0	0	0	0	0	0	0	0	0	0	28	22.7	27.9
12:00 - 12:59	1	1	11	2	0	0	0	0	0	0	0	0	0	0	0	15	22.9	25.7
13:00 - 13:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00 - 14:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00 - 15:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16:00 - 16:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17:00 - 17:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18:00 - 18:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19:00 - 19:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20:00 - 20:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21:00 - 21:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22:00 - 22:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23:00 - 23:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	5	28	115	23	1	0	0	0	0	0	0	0	0	0	0	172		
Percent of Total	2.9	16.3	66.9	13.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	2.5	17.2	66.2	13.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	6.7	6.7	73.3	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	3.9 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.9 MPH
Mean Speed:	23.0 MPH	Percent in Ten Mile Pace:	83.1%	15th Percentile:	19.6 MPH
Median Speed:	23.3 MPH			90th Percentile:	27.4 MPH
Modal Speed:	23.5 MPH			95th Percentile:	29.2 MPH

City of Crystal

Daily Southbound Speeds (MPH)

Study Date: Tuesday, 07/08/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 - 01:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 - 02:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 - 03:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 - 04:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 - 05:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 - 06:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 - 07:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 - 08:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 - 09:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:00 - 13:59	1	3	6	0	0	0	0	0	0	0	0	0	0	0	0	10	20.6	24.3
14:00 - 14:59	3	4	14	1	0	0	0	0	0	0	0	0	0	0	0	22	21.0	25.0
15:00 - 15:59	1	7	10	3	0	0	0	0	0	0	0	0	0	0	0	21	21.9	25.7
16:00 - 16:59	0	6	17	0	0	0	0	0	0	0	0	0	0	0	0	23	22.2	24.8
17:00 - 17:59	1	11	24	3	0	0	0	0	0	0	0	0	0	0	0	39	22.1	25.3
18:00 - 18:59	0	12	22	0	0	0	0	0	0	0	0	0	0	0	0	34	21.7	24.7
19:00 - 19:59	0	1	15	0	0	0	0	0	0	0	0	0	0	0	0	16	23.1	25.0
20:00 - 20:59	2	6	10	2	0	0	0	0	0	0	0	0	0	0	0	20	21.2	25.3
21:00 - 21:59	1	7	2	0	0	0	0	0	0	0	0	0	0	0	0	10	18.6	21.0
22:00 - 22:59	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	7	22.0	24.5
23:00 - 23:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	20.5	22.0
Totals	9	60	126	9	0	0	0	0	0	0	0	0	0	0	0	204		
Percent of Total	4.4	29.4	61.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of 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	0.0	0.0	0.0	100		
Percent of PM	4.4	29.4	61.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	3.9 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.1 MPH
Mean Speed:	21.7 MPH	Percent in Ten Mile Pace:	91.2%	15th Percentile:	17.8 MPH
Median Speed:	22.3 MPH			90th Percentile:	25.5 MPH
Modal Speed:	23.5 MPH			95th Percentile:	25.9 MPH

City of Crystal

Daily Southbound Speeds (MPH)

Study Date: Wednesday, 07/09/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	7	20.0	24.6
01:00 - 01:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
04:00 - 04:59	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	23.3	24.4
05:00 - 05:59	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7	23.4	24.9
06:00 - 06:59	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6	24.2	24.0
07:00 - 07:59	0	6	12	1	0	0	0	0	0	0	0	0	0	0	0	19	22.2	25.0
08:00 - 08:59	0	5	7	1	0	0	0	0	0	0	0	0	0	0	0	13	21.8	25.0
09:00 - 09:59	1	6	11	3	0	0	0	0	0	0	0	0	0	0	0	21	22.1	25.7
10:00 - 10:59	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	7	19.1	20.5
11:00 - 11:59	2	10	11	2	0	0	0	0	0	0	0	0	0	0	0	25	20.8	25.0
12:00 - 12:59	2	6	13	1	0	0	0	0	0	0	0	0	0	0	0	22	21.1	24.9
13:00 - 13:59	2	9	16	1	0	0	0	0	0	0	0	0	0	0	0	28	21.1	24.8
14:00 - 14:59	1	13	24	4	0	0	0	0	0	0	0	0	0	0	0	42	22.1	25.4
15:00 - 15:59	1	16	16	3	0	0	0	0	0	0	0	0	0	0	0	36	21.3	25.1
16:00 - 16:59	2	4	25	2	0	0	0	0	0	0	0	0	0	0	0	33	22.4	25.3
17:00 - 17:59	2	20	17	2	0	0	0	0	0	0	0	0	0	0	0	41	20.7	24.6
18:00 - 18:59	1	14	21	1	1	0	0	0	0	0	0	0	0	0	0	38	21.7	25.0
19:00 - 19:59	1	8	14	1	0	0	0	0	0	0	0	0	0	0	0	24	21.5	24.9
20:00 - 20:59	2	4	5	2	0	0	0	0	0	0	0	0	0	0	0	13	20.7	24.9
21:00 - 21:59	3	8	10	1	0	0	0	0	0	0	0	0	0	0	0	22	20.1	24.6
22:00 - 22:59	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0	6	22.5	24.0
23:00 - 23:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	25.0	26.3
Totals	21	140	226	29	1	0	0	0	0	0	0	0	0	0	0	417		
Percent of Total	5.0	33.6	54.2	7.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	3.7	33.0	55.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	5.5	33.8	53.9	6.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	4.2 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.3 MPH
Mean Speed:	21.5 MPH	Percent in Ten Mile Pace:	87.8%	15th Percentile:	17.5 MPH
Median Speed:	22.0 MPH			90th Percentile:	25.7 MPH
Modal Speed:	23.5 MPH			95th Percentile:	27.5 MPH

City of Crystal Daily Southbound Speeds (MPH)

Study Date: Thursday, 07/10/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
01:00 - 01:59	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	6	21.8	24.3
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
03:00 - 03:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
04:00 - 04:59	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	23.5	24.6
05:00 - 05:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	21.7	23.6
06:00 - 06:59	0	2	7	2	0	0	0	0	0	0	0	0	0	0	0	11	23.5	25.6
07:00 - 07:59	1	5	6	4	0	0	0	0	0	0	0	0	0	0	0	16	22.3	27.4
08:00 - 08:59	2	7	15	1	0	0	0	0	0	0	0	0	0	0	0	25	21.2	24.9
09:00 - 09:59	0	2	8	1	0	0	0	0	0	0	0	0	0	0	0	11	23.0	25.3
10:00 - 10:59	2	10	8	1	0	0	0	0	0	0	0	0	0	0	0	21	20.1	24.3
11:00 - 11:59	1	11	3	2	0	0	0	0	0	0	0	0	0	0	0	17	20.0	24.3
12:00 - 12:59	1	9	16	0	0	0	0	0	0	0	0	0	0	0	0	26	21.2	24.6
13:00 - 13:59	2	6	11	2	0	0	0	0	0	0	0	0	0	0	0	21	21.3	25.3
14:00 - 14:59	2	5	12	1	0	0	0	0	0	0	0	0	0	0	0	20	21.1	25.0
15:00 - 15:59	1	7	21	3	0	0	0	0	0	0	0	0	0	0	0	32	22.4	25.5
16:00 - 16:59	2	7	27	2	1	0	0	0	0	0	0	0	0	0	0	39	22.4	25.4
17:00 - 17:59	2	12	23	2	1	0	0	0	0	0	0	0	0	0	0	40	21.8	25.2
18:00 - 18:59	1	7	14	2	0	0	0	0	0	0	0	0	0	0	0	24	21.9	25.3
19:00 - 19:59	2	7	15	2	0	0	0	0	0	0	0	0	0	0	0	26	21.5	25.2
20:00 - 20:59	2	3	6	0	0	0	0	0	0	0	0	0	0	0	0	11	19.7	24.2
21:00 - 21:59	2	5	5	1	0	0	0	0	0	0	0	0	0	0	0	13	19.8	24.5
22:00 - 22:59	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	6	21.7	24.0
23:00 - 23:59	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	5	22.4	24.4
Totals	23	113	214	28	2	0	0	0	0	0	0	0	0	0	0	380		
Percent of Total	6.1	29.7	56.3	7.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	5.1	35.0	49.6	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	6.5	27.4	59.3	6.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation: 4.4 MPH

Ten Mile Pace: 16 to 25 MPH

85th Percentile: 25.4 MPH

Mean Speed: 21.6 MPH

Percent in Ten Mile Pace: 86.1%

Median Speed: 22.3 MPH

15th Percentile: 17.5 MPH

Modal Speed: 23.5 MPH

90th Percentile: 25.8 MPH

95th Percentile: 27.9 MPH

City of Crystal

Daily Southbound Speeds (MPH)

Study Date: Friday, 07/11/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
01:00 - 01:59	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	14.0	17.0
02:00 - 02:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
04:00 - 04:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
05:00 - 05:59	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	5	19.6	23.9
06:00 - 06:59	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	5	21.4	23.9
07:00 - 07:59	1	5	10	3	0	0	0	0	0	0	0	0	0	0	0	19	22.2	25.4
08:00 - 08:59	2	6	8	0	0	0	0	0	0	0	0	0	0	0	0	16	20.0	24.2
09:00 - 09:59	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	12	21.0	24.1
10:00 - 10:59	0	7	13	1	0	0	0	0	0	0	0	0	0	0	0	21	22.0	25.0
11:00 - 11:59	1	5	16	1	0	0	0	0	0	0	0	0	0	0	0	23	22.0	25.1
12:00 - 12:59	1	4	14	1	0	0	0	0	0	0	0	0	0	0	0	20	22.0	25.1
13:00 - 13:59	1	12	13	1	0	0	0	0	0	0	0	0	0	0	0	27	20.9	24.6
14:00 - 14:59	0	6	14	0	0	0	0	0	0	0	0	0	0	0	0	20	22.0	24.8
15:00 - 15:59	1	5	18	2	0	0	0	0	0	0	0	0	0	0	0	26	22.4	25.3
16:00 - 16:59	2	9	10	1	0	0	0	0	0	0	0	0	0	0	0	22	20.5	24.6
17:00 - 17:59	1	9	14	2	0	0	0	0	0	0	0	0	0	0	0	26	21.6	25.1
18:00 - 18:59	1	7	12	0	0	0	0	0	0	0	0	0	0	0	0	20	21.0	24.5
19:00 - 19:59	3	7	10	1	0	0	0	0	0	0	0	0	0	0	0	21	20.1	24.7
20:00 - 20:59	1	1	10	1	0	0	0	0	0	0	0	0	0	0	0	13	22.4	25.3
21:00 - 21:59	0	3	5	0	0	0	0	0	0	0	0	0	0	0	0	8	21.5	24.3
22:00 - 22:59	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	6	22.5	24.6
23:00 - 23:59	0	4	3	1	0	0	0	0	0	0	0	0	0	0	0	8	21.5	24.8
Totals	17	102	189	15	0	0	0	0	0	0	0	0	0	0	0	323		
Percent of Total	5.3	31.6	58.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	5.7	32.1	57.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	5.1	31.3	59.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation: 4.0 MPH

Ten Mile Pace: 16 to 25 MPH

85th Percentile: 25.1 MPH

Mean Speed: 21.5 MPH

Percent in Ten Mile Pace: 90.1%

Median Speed: 22.1 MPH

15th Percentile: 17.5 MPH

Modal Speed: 23.5 MPH

90th Percentile: 25.5 MPH

95th Percentile: 26.0 MPH

City of Crystal

Daily Southbound Speeds (MPH)

Study Date: Saturday, 07/12/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	19.0	23.6
01:00 - 01:59	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5	20.4	22.9
02:00 - 02:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
05:00 - 05:59	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	23.5	24.6
06:00 - 06:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	23.5	24.0
07:00 - 07:59	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4	19.5	20.5
08:00 - 08:59	2	5	8	0	0	0	0	0	0	0	0	0	0	0	0	15	20.1	24.3
09:00 - 09:59	0	2	10	2	0	0	0	0	0	0	0	0	0	0	0	14	23.5	25.7
10:00 - 10:59	1	5	9	5	1	0	0	0	0	0	0	0	0	0	0	21	23.2	28.4
11:00 - 11:59	0	5	10	3	0	0	0	0	0	0	0	0	0	0	0	18	22.9	25.7
12:00 - 12:59	1	6	16	3	0	0	0	0	0	0	0	0	0	0	0	26	22.4	25.6
13:00 - 13:59	0	3	11	1	0	0	0	0	0	0	0	0	0	0	0	15	22.7	25.2
14:00 - 14:59	2	4	9	0	0	0	0	0	0	0	0	0	0	0	0	15	20.4	24.5
15:00 - 15:59	1	12	10	0	0	0	0	0	0	0	0	0	0	0	0	23	20.3	24.0
16:00 - 16:59	0	5	13	2	0	0	0	0	0	0	0	0	0	0	0	20	22.7	25.4
17:00 - 17:59	1	4	9	2	0	0	0	0	0	0	0	0	0	0	0	16	22.0	25.5
18:00 - 18:59	3	5	11	1	0	0	0	0	0	0	0	0	0	0	0	20	20.5	24.9
19:00 - 19:59	1	2	8	1	0	0	0	0	0	0	0	0	0	0	0	12	21.9	25.2
20:00 - 20:59	1	9	6	1	0	0	0	0	0	0	0	0	0	0	0	17	20.3	24.3
21:00 - 21:59	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	20	21.0	24.3
22:00 - 22:59	0	1	4	3	0	0	0	0	0	0	0	0	0	0	0	8	24.6	28.2
23:00 - 23:59	0	6	8	0	0	0	0	0	0	0	0	0	0	0	0	14	21.4	24.4
Totals	14	90	164	24	1	0	0	0	0	0	0	0	0	0	0	293		
Percent of Total	4.8	30.7	56.0	8.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	4.6	26.4	56.3	11.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	4.9	32.5	55.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	4.2 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.4 MPH
Mean Speed:	21.8 MPH	Percent in Ten Mile Pace:	86.7%	15th Percentile:	17.6 MPH
Median Speed:	22.3 MPH			90th Percentile:	25.9 MPH
Modal Speed:	23.5 MPH			95th Percentile:	28.1 MPH

City of Crystal

Daily Southbound Speeds (MPH)

Study Date: Sunday, 07/13/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	23.5	24.0
01:00 - 01:59	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	4	24.5	35.5
02:00 - 02:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	25.5	27.0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
05:00 - 05:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
06:00 - 06:59	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	23.3	24.4
07:00 - 07:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
08:00 - 08:59	1	2	7	0	0	0	0	0	0	0	0	0	0	0	0	10	21.1	24.6
09:00 - 09:59	1	4	9	0	0	0	0	0	0	0	0	0	0	0	0	14	21.1	24.6
10:00 - 10:59	0	2	12	2	0	0	0	0	0	0	0	0	0	0	0	16	23.5	25.6
11:00 - 11:59	1	3	12	4	0	0	0	0	0	0	0	0	0	0	0	20	23.0	26.6
12:00 - 12:59	3	9	13	1	0	0	0	0	0	0	0	0	0	0	0	26	20.4	24.7
13:00 - 13:59	1	6	20	2	0	0	0	0	0	0	0	0	0	0	0	29	22.3	25.3
14:00 - 14:59	0	17	27	2	0	0	0	0	0	0	0	0	0	0	0	46	21.8	25.0
15:00 - 15:59	1	15	26	2	0	0	0	0	0	0	0	0	0	0	0	44	21.7	25.0
16:00 - 16:59	1	10	21	1	0	0	0	0	0	0	0	0	0	0	0	33	21.7	24.9
17:00 - 17:59	0	6	10	3	0	0	0	0	0	0	0	0	0	0	0	19	22.7	25.4
18:00 - 18:59	3	3	5	0	0	0	0	0	0	0	0	0	0	0	0	11	18.5	23.9
19:00 - 19:59	1	2	5	0	0	0	0	0	0	0	0	0	0	0	0	8	20.5	24.3
20:00 - 20:59	0	9	3	1	0	0	0	0	0	0	0	0	0	0	0	13	20.3	23.6
21:00 - 21:59	1	5	3	1	0	0	0	0	0	0	0	0	0	0	0	10	20.0	24.3
22:00 - 22:59	0	3	5	1	0	0	0	0	0	0	0	0	0	0	0	9	22.2	25.1
23:00 - 23:59	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	6	20.3	24.3
Totals	15	101	189	21	0	1	0	0	0	0	0	0	0	0	0	327		
Percent of Total	4.6	30.9	57.8	6.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	4.1	20.5	64.4	9.6	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	4.7	33.9	55.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation: 4.1 MPH

Ten Mile Pace: 16 to 25 MPH

85th Percentile: 25.3 MPH

Mean Speed: 21.7 MPH

Percent in Ten Mile Pace: 88.7%

Median Speed: 22.2 MPH

15th Percentile: 17.7 MPH

Modal Speed: 23.5 MPH

90th Percentile: 25.7 MPH

95th Percentile: 27.2 MPH

City of Crystal

Daily Southbound Speeds (MPH)

Study Date: Monday, 07/14/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
01:00 - 01:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
04:00 - 04:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	25.0	26.3
05:00 - 05:59	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4	22.0	24.2
06:00 - 06:59	1	2	8	0	0	0	0	0	0	0	0	0	0	0	0	11	21.4	24.7
07:00 - 07:59	1	3	9	0	0	0	0	0	0	0	0	0	0	0	0	13	21.2	24.6
08:00 - 08:59	0	8	10	2	0	0	0	0	0	0	0	0	0	0	0	20	22.0	25.3
09:00 - 09:59	0	7	11	3	0	0	0	0	0	0	0	0	0	0	0	21	22.5	25.7
10:00 - 10:59	0	3	11	1	0	0	0	0	0	0	0	0	0	0	0	15	22.7	25.2
11:00 - 11:59	0	8	9	2	0	0	0	0	0	0	0	0	0	0	0	19	21.9	25.3
12:00 - 12:59	1	13	15	1	0	0	0	0	0	0	0	0	0	0	0	30	21.0	24.7
13:00 - 13:59	2	8	9	0	0	0	0	0	0	0	0	0	0	0	0	19	20.0	24.1
14:00 - 14:59	1	7	14	1	0	0	0	0	0	0	0	0	0	0	0	23	21.6	24.9
15:00 - 15:59	4	11	19	2	0	0	0	0	0	0	0	0	0	0	0	36	20.8	25.0
16:00 - 16:59	0	8	22	2	0	0	0	0	0	0	0	0	0	0	0	32	22.6	25.3
17:00 - 17:59	2	9	19	1	0	0	0	0	0	0	0	0	0	0	0	31	21.3	24.9
18:00 - 18:59	2	8	15	0	0	0	0	0	0	0	0	0	0	0	0	25	20.8	24.6
19:00 - 19:59	0	3	8	0	0	0	0	0	0	0	0	0	0	0	0	11	22.1	24.7
20:00 - 20:59	1	7	10	3	0	0	0	0	0	0	0	0	0	0	0	21	21.9	25.7
21:00 - 21:59	0	3	7	2	0	0	0	0	0	0	0	0	0	0	0	12	23.0	25.3
22:00 - 22:59	1	8	2	0	0	0	0	0	0	0	0	0	0	0	0	11	18.6	20.6
23:00 - 23:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
Totals	16	119	205	21	0	0	0	0	0	0	0	0	0	0	0	361		
Percent of Total	4.4	33.0	56.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	1.8	30.3	59.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	5.6	34.1	55.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation: 4.0 MPH

Ten Mile Pace: 16 to 25 MPH

85th Percentile: 25.2 MPH

Mean Speed: 21.6 MPH

Percent in Ten Mile Pace: 89.8%

Median Speed: 22.1 MPH

15th Percentile: 17.6 MPH

Modal Speed: 23.5 MPH

90th Percentile: 25.6 MPH

95th Percentile: 26.6 MPH

City of Crystal

Daily Southbound Speeds (MPH)

Study Date: Tuesday, 07/15/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
01:00 - 01:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	25.0	26.3
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
03:00 - 03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
04:00 - 04:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	21.7	23.6
05:00 - 05:59	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	18.5	19.0
06:00 - 06:59	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	23.3	24.4
07:00 - 07:59	0	8	16	2	0	0	0	0	0	0	0	0	0	0	0	26	22.3	25.3
08:00 - 08:59	1	7	17	1	0	0	0	0	0	0	0	0	0	0	0	26	21.8	25.0
09:00 - 09:59	0	7	11	2	0	0	0	0	0	0	0	0	0	0	0	20	22.2	25.3
10:00 - 10:59	0	11	8	1	0	0	0	0	0	0	0	0	0	0	0	20	21.0	24.4
11:00 - 11:59	0	8	13	1	0	0	0	0	0	0	0	0	0	0	0	22	21.9	24.9
12:00 - 12:59	0	7	17	1	0	0	0	0	0	0	0	0	0	0	0	25	22.2	25.0
13:00 - 13:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00 - 14:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00 - 15:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16:00 - 16:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17:00 - 17:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18:00 - 18:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19:00 - 19:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20:00 - 20:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21:00 - 21:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22:00 - 22:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23:00 - 23:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1	52	89	9	0	0	0	0	0	0	0	0	0	0	0	151		
Percent of Total	0.7	34.4	58.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	0.8	35.7	57.1	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	0.0	28.0	68.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation: 3.3 MPH

Ten Mile Pace: 16 to 25 MPH

85th Percentile: 25.2 MPH

Mean Speed: 22.0 MPH

Percent in Ten Mile Pace: 93.4%

Median Speed: 22.2 MPH

15th Percentile: 18.0 MPH

Modal Speed: 23.5 MPH

90th Percentile: 25.6 MPH

95th Percentile: 26.5 MPH

City of Crystal Daily Total Speeds (MPH)

Study Date: Tuesday, 07/08/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 - 01:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 - 02:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 - 03:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 - 04:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 - 05:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 - 06:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 - 07:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 - 08:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 - 09:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:00 - 13:59	2	5	12	0	0	0	0	0	0	0	0	0	0	0	0	19	20.8	24.6
14:00 - 14:59	3	16	33	1	0	0	0	0	0	0	0	0	0	0	0	53	21.3	24.9
15:00 - 15:59	2	10	34	9	0	0	0	0	0	0	0	0	0	0	0	55	22.9	26.1
16:00 - 16:59	0	15	36	3	0	0	0	0	0	0	0	0	0	0	0	54	22.4	25.2
17:00 - 17:59	1	12	57	7	0	0	0	0	0	0	0	0	0	0	0	77	23.0	25.6
18:00 - 18:59	1	17	35	3	0	0	0	0	0	0	0	0	0	0	0	56	22.0	25.2
19:00 - 19:59	1	6	28	0	0	0	0	0	0	0	0	0	0	0	0	35	22.3	25.0
20:00 - 20:59	4	27	29	5	0	0	0	0	0	0	0	0	0	0	0	65	21.0	25.1
21:00 - 21:59	2	15	16	1	0	0	0	0	0	0	0	0	0	0	0	34	20.6	24.6
22:00 - 22:59	0	5	10	1	0	0	0	0	0	0	0	0	0	0	0	16	22.2	25.0
23:00 - 23:59	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	5	21.4	23.9
Totals	16	130	293	30	0	0	0	0	0	0	0	0	0	0	0	469		
Percent of Total	3.4	27.7	62.5	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of 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	0.0	0.0	0.0	100		
Percent of PM	3.4	27.7	62.5	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation: 3.8 MPH

Ten Mile Pace: 16 to 25 MPH

85th Percentile: 25.3 MPH

Mean Speed: 22.0 MPH

Percent in Ten Mile Pace: 90.2%

Median Speed: 22.5 MPH

15th Percentile: 18.1 MPH

Modal Speed: 23.5 MPH

90th Percentile: 25.7 MPH

95th Percentile: 27.0 MPH

City of Crystal Daily Total Speeds (MPH)

Study Date: Wednesday, 07/09/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	1	4	3	1	0	0	0	0	0	0	0	0	0	0	0	9	20.2	24.6
01:00 - 01:59	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	23.3	24.4
02:00 - 02:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
03:00 - 03:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
04:00 - 04:59	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	7	21.6	24.7
05:00 - 05:59	0	0	10	1	0	0	0	0	0	0	0	0	0	0	0	11	23.9	25.4
06:00 - 06:59	0	2	9	4	0	0	0	0	0	0	0	0	0	0	0	15	24.1	27.6
07:00 - 07:59	1	11	29	2	0	0	0	0	0	0	0	0	0	0	0	43	22.1	25.1
08:00 - 08:59	0	7	33	7	0	0	0	0	0	0	0	0	0	0	0	47	23.5	25.9
09:00 - 09:59	2	12	31	4	0	0	0	0	0	0	0	0	0	0	0	49	22.1	25.4
10:00 - 10:59	0	9	8	2	0	0	0	0	0	0	0	0	0	0	0	19	21.6	25.2
11:00 - 11:59	3	18	27	2	0	0	0	0	0	0	0	0	0	0	0	50	21.1	24.9
12:00 - 12:59	4	13	35	2	0	0	0	0	0	0	0	0	0	0	0	54	21.5	25.1
13:00 - 13:59	3	15	35	3	0	0	0	0	0	0	0	0	0	0	0	56	21.7	25.2
14:00 - 14:59	7	24	43	5	0	0	0	0	0	0	0	0	0	0	0	79	21.1	25.1
15:00 - 15:59	3	28	37	5	0	0	0	0	0	0	0	0	0	0	0	73	21.4	25.1
16:00 - 16:59	2	9	46	6	0	0	0	0	0	0	0	0	0	0	0	63	22.8	25.6
17:00 - 17:59	6	32	39	3	1	0	0	0	0	0	0	0	0	0	0	81	20.9	24.9
18:00 - 18:59	2	29	38	1	1	0	0	0	0	0	0	0	0	0	0	71	21.3	24.8
19:00 - 19:59	2	15	33	2	0	0	0	0	0	0	0	0	0	0	0	52	21.7	25.0
20:00 - 20:59	8	21	27	2	0	0	0	0	0	0	0	0	0	0	0	58	20.1	24.7
21:00 - 21:59	3	11	17	2	0	0	0	0	0	0	0	0	0	0	0	33	20.9	25.0
22:00 - 22:59	3	4	5	3	0	0	0	0	0	0	0	0	0	0	0	15	20.5	26.4
23:00 - 23:59	1	2	6	1	0	0	0	0	0	0	0	0	0	0	0	10	21.6	25.2
Totals	52	266	521	59	2	0	0	0	0	0	0	0	0	0	0	900		
Percent of Total	5.8	29.6	57.9	6.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	3.1	24.7	62.7	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	6.8	31.5	56.0	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation: 4.2 MPH

Ten Mile Pace: 16 to 25 MPH

85th Percentile: 25.3 MPH

Mean Speed: 21.6 MPH

Percent in Ten Mile Pace: 87.4%

Median Speed: 22.3 MPH

15th Percentile: 17.6 MPH

Modal Speed: 23.5 MPH

90th Percentile: 25.7 MPH

95th Percentile: 27.3 MPH

City of Crystal Daily Total Speeds (MPH)

Study Date: Thursday, 07/10/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	21.7	23.6
01:00 - 01:59	0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	9	22.3	24.7
02:00 - 02:59	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	14.0	17.0
03:00 - 03:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	25.5	27.0
04:00 - 04:59	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	7	22.0	24.5
05:00 - 05:59	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	8	21.0	23.9
06:00 - 06:59	0	6	14	3	0	0	0	0	0	0	0	0	0	0	0	23	22.8	25.7
07:00 - 07:59	1	9	25	5	0	0	0	0	0	0	0	0	0	0	0	40	22.6	25.7
08:00 - 08:59	3	15	28	2	0	0	0	0	0	0	0	0	0	0	0	48	21.3	25.0
09:00 - 09:59	0	8	18	4	0	0	0	0	0	0	0	0	0	0	0	30	22.8	25.7
10:00 - 10:59	3	15	28	3	0	0	0	0	0	0	0	0	0	0	0	49	21.4	25.1
11:00 - 11:59	2	19	24	3	0	0	0	0	0	0	0	0	0	0	0	48	21.3	25.0
12:00 - 12:59	2	18	27	1	0	0	0	0	0	0	0	0	0	0	0	48	21.2	24.8
13:00 - 13:59	3	14	32	3	0	0	0	0	0	0	0	0	0	0	0	52	21.7	25.2
14:00 - 14:59	2	15	23	3	0	0	0	0	0	0	0	0	0	0	0	43	21.5	25.1
15:00 - 15:59	1	11	51	9	0	0	0	0	0	0	0	0	0	0	0	72	23.2	25.8
16:00 - 16:59	2	10	59	5	2	0	0	0	0	0	0	0	0	0	0	78	23.1	25.6
17:00 - 17:59	5	17	49	4	1	0	0	0	0	0	0	0	0	0	0	76	21.9	25.3
18:00 - 18:59	3	18	30	4	1	0	0	0	0	0	0	0	0	0	0	56	21.7	25.4
19:00 - 19:59	2	11	24	4	0	0	0	0	0	0	0	0	0	0	0	41	22.0	25.4
20:00 - 20:59	6	18	21	0	0	0	0	0	0	0	0	0	0	0	0	45	19.8	24.3
21:00 - 21:59	2	10	11	1	0	0	0	0	0	0	0	0	0	0	0	24	20.5	24.6
22:00 - 22:59	1	6	5	2	0	0	0	0	0	0	0	0	0	0	0	14	21.1	25.4
23:00 - 23:59	0	1	9	0	0	0	0	0	0	0	0	0	0	0	0	10	22.9	24.9
Totals	39	231	497	57	4	0	0	0	0	0	0	0	0	0	0	828		
Percent of Total	4.7	27.9	60.0	6.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	3.7	30.5	58.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	5.2	26.7	61.0	6.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	4.1 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.4 MPH
Mean Speed:	21.9 MPH	Percent in Ten Mile Pace:	87.9%	15th Percentile:	17.8 MPH
Median Speed:	22.4 MPH			90th Percentile:	25.8 MPH
Modal Speed:	23.5 MPH			95th Percentile:	27.7 MPH

City of Crystal Daily Total Speeds (MPH)

Study Date: Friday, 07/11/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	25.0	26.3
01:00 - 01:59	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	6	18.7	22.5
02:00 - 02:59	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	23.0	27.0
03:00 - 03:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	23.5	24.0
04:00 - 04:59	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4	22.0	24.2
05:00 - 05:59	1	2	6	0	0	0	0	0	0	0	0	0	0	0	0	9	20.9	24.5
06:00 - 06:59	0	5	11	1	0	0	0	0	0	0	0	0	0	0	0	17	22.2	25.1
07:00 - 07:59	1	11	20	5	1	0	0	0	0	0	0	0	0	0	0	38	22.6	25.8
08:00 - 08:59	3	15	22	1	0	0	0	0	0	0	0	0	0	0	0	41	20.8	24.7
09:00 - 09:59	0	16	25	2	0	0	0	0	0	0	0	0	0	0	0	43	21.9	25.0
10:00 - 10:59	0	13	28	3	0	0	0	0	0	0	0	0	0	0	0	44	22.3	25.3
11:00 - 11:59	1	8	35	4	0	0	0	0	0	0	0	0	0	0	0	48	22.8	25.5
12:00 - 12:59	1	8	42	3	0	0	0	0	0	0	0	0	0	0	0	54	22.8	25.3
13:00 - 13:59	3	25	29	5	0	0	0	0	0	0	0	0	0	0	0	62	21.2	25.2
14:00 - 14:59	2	17	26	1	0	0	0	0	0	0	0	0	0	0	0	46	21.2	24.8
15:00 - 15:59	3	15	32	5	1	0	0	0	0	0	0	0	0	0	0	56	22.1	25.5
16:00 - 16:59	5	20	22	3	1	0	0	0	0	0	0	0	0	0	0	51	20.7	25.1
17:00 - 17:59	2	14	27	3	0	0	0	0	0	0	0	0	0	0	0	46	21.7	25.2
18:00 - 18:59	3	14	27	1	1	0	0	0	0	0	0	0	0	0	0	46	21.4	25.0
19:00 - 19:59	3	9	17	1	0	0	0	0	0	0	0	0	0	0	0	30	20.8	24.8
20:00 - 20:59	1	5	20	2	0	0	0	0	0	0	0	0	0	0	0	28	22.5	25.3
21:00 - 21:59	0	7	7	1	0	0	0	0	0	0	0	0	0	0	0	15	21.4	24.8
22:00 - 22:59	1	5	14	0	0	0	0	0	0	0	0	0	0	0	0	20	21.5	24.8
23:00 - 23:59	0	7	6	2	0	0	0	0	0	0	0	0	0	0	0	15	21.8	25.4
Totals	31	221	425	45	4	0	0	0	0	0	0	0	0	0	0	726		
Percent of Total	4.3	30.4	58.5	6.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	2.7	29.2	60.7	7.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	5.1	31.1	57.4	5.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	4.1 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.3 MPH
Mean Speed:	21.8 MPH	Percent in Ten Mile Pace:	89.0%	15th Percentile:	17.8 MPH
Median Speed:	22.3 MPH			90th Percentile:	25.7 MPH
Modal Speed:	23.5 MPH			95th Percentile:	27.4 MPH

City of Crystal Daily Total Speeds (MPH)

Study Date: Saturday, 07/12/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	6	20.3	24.3
01:00 - 01:59	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	8	21.0	23.9
02:00 - 02:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	23.5	24.0
03:00 - 03:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	25.5	27.0
04:00 - 04:59	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	25.0	26.3
05:00 - 05:59	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	23.5	24.6
06:00 - 06:59	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4	22.0	24.2
07:00 - 07:59	0	5	3	1	0	0	0	0	0	0	0	0	0	0	0	9	21.1	24.6
08:00 - 08:59	2	8	16	2	0	0	0	0	0	0	0	0	0	0	0	28	21.5	25.2
09:00 - 09:59	1	9	33	5	0	0	0	0	0	0	0	0	0	0	0	48	22.8	25.6
10:00 - 10:59	2	7	20	8	2	0	0	0	0	0	0	0	0	0	0	39	23.5	28.3
11:00 - 11:59	0	6	33	6	0	0	0	0	0	0	0	0	0	0	0	45	23.5	25.8
12:00 - 12:59	1	15	26	4	0	0	0	0	0	0	0	0	0	0	0	46	22.0	25.3
13:00 - 13:59	0	14	25	2	0	0	0	0	0	0	0	0	0	0	0	41	22.0	25.1
14:00 - 14:59	3	11	20	1	0	0	0	0	0	0	0	0	0	0	0	35	20.9	24.8
15:00 - 15:59	5	29	14	0	0	0	0	0	0	0	0	0	0	0	0	48	19.1	23.3
16:00 - 16:59	2	14	30	2	0	0	0	0	0	0	0	0	0	0	0	48	21.7	25.0
17:00 - 17:59	3	13	22	3	0	0	0	0	0	0	0	0	0	0	0	41	21.3	25.2
18:00 - 18:59	5	13	20	1	0	0	0	0	0	0	0	0	0	0	0	39	20.3	24.7
19:00 - 19:59	3	8	16	1	0	0	0	0	0	0	0	0	0	0	0	28	20.8	24.8
20:00 - 20:59	2	10	9	2	0	0	0	0	0	0	0	0	0	0	0	23	20.6	24.9
21:00 - 21:59	0	14	18	0	0	0	0	0	0	0	0	0	0	0	0	32	21.3	24.5
22:00 - 22:59	1	5	14	3	0	0	0	0	0	0	0	0	0	0	0	23	22.4	25.7
23:00 - 23:59	1	8	10	0	0	0	0	0	0	0	0	0	0	0	0	19	20.7	24.3
Totals	32	195	349	43	2	0	0	0	0	0	0	0	0	0	0	621		
Percent of Total	5.2	31.4	56.2	6.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	3.0	20.7	63.1	12.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	6.1	36.4	53.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation: 4.2 MPH

Ten Mile Pace: 16 to 25 MPH

85th Percentile: 25.3 MPH

Mean Speed: 21.6 MPH

Percent in Ten Mile Pace: 87.6%

Median Speed: 22.2 MPH

15th Percentile: 17.6 MPH

Modal Speed: 23.5 MPH

90th Percentile: 25.7 MPH

95th Percentile: 27.6 MPH

City of Crystal Daily Total Speeds (MPH)

Study Date: Sunday, 07/13/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	1	2	5	0	0	0	0	0	0	0	0	0	0	0	0	8	20.5	24.3
01:00 - 01:59	1	4	2	0	0	1	0	0	0	0	0	0	0	0	0	8	21.1	24.3
02:00 - 02:59	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4	24.5	25.5
03:00 - 03:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
04:00 - 04:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
05:00 - 05:59	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	18.5	19.0
06:00 - 06:59	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	8	22.8	24.8
07:00 - 07:59	0	7	4	1	0	0	0	0	0	0	0	0	0	0	0	12	20.9	24.4
08:00 - 08:59	1	8	15	2	0	0	0	0	0	0	0	0	0	0	0	26	21.8	25.2
09:00 - 09:59	2	4	25	2	0	0	0	0	0	0	0	0	0	0	0	33	22.4	25.3
10:00 - 10:59	1	6	28	3	0	0	0	0	0	0	0	0	0	0	0	38	22.7	25.4
11:00 - 11:59	1	11	33	5	0	0	0	0	0	0	0	0	0	0	0	50	22.6	25.5
12:00 - 12:59	4	14	38	4	0	0	0	0	0	0	0	0	0	0	0	60	21.8	25.3
13:00 - 13:59	3	13	44	4	0	0	0	0	0	0	0	0	0	0	0	64	22.2	25.3
14:00 - 14:59	2	24	52	6	1	0	0	0	0	0	0	0	0	0	0	85	22.2	25.4
15:00 - 15:59	2	23	49	7	0	0	0	0	0	0	0	0	0	0	0	81	22.2	25.4
16:00 - 16:59	1	11	39	4	0	0	0	0	0	0	0	0	0	0	0	55	22.6	25.4
17:00 - 17:59	0	8	23	4	0	0	0	0	0	0	0	0	0	0	0	35	22.9	25.6
18:00 - 18:59	4	7	11	1	0	0	0	0	0	0	0	0	0	0	0	23	19.9	24.7
19:00 - 19:59	1	4	11	3	0	1	0	0	0	0	0	0	0	0	0	20	23.3	26.8
20:00 - 20:59	0	11	13	3	0	0	0	0	0	0	0	0	0	0	0	27	22.0	25.4
21:00 - 21:59	2	13	14	1	0	0	0	0	0	0	0	0	0	0	0	30	20.6	24.6
22:00 - 22:59	0	6	11	2	0	0	0	0	0	0	0	0	0	0	0	19	22.4	25.4
23:00 - 23:59	1	2	6	0	0	0	0	0	0	0	0	0	0	0	0	9	20.9	24.5
Totals	27	183	433	53	1	2	0	0	0	0	0	0	0	0	0	699		
Percent of Total	3.9	26.2	61.9	7.6	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	3.7	24.6	63.9	7.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	3.9	26.8	61.2	7.7	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	4.0 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.4 MPH
Mean Speed:	22.1 MPH	Percent in Ten Mile Pace:	88.1%	15th Percentile:	18.1 MPH
Median Speed:	22.6 MPH			90th Percentile:	25.8 MPH
Modal Speed:	23.5 MPH			95th Percentile:	27.9 MPH

City of Crystal Daily Total Speeds (MPH)

Study Date: Monday, 07/14/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.0	17.8
01:00 - 01:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
02:00 - 02:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
03:00 - 03:59	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	23.5	24.0
04:00 - 04:59	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6	24.2	24.0
05:00 - 05:59	1	2	7	0	0	0	0	0	0	0	0	0	0	0	0	10	21.1	24.6
06:00 - 06:59	1	3	15	2	0	0	0	0	0	0	0	0	0	0	0	21	22.6	25.5
07:00 - 07:59	1	9	27	1	1	0	0	0	0	0	0	0	0	0	0	39	22.3	25.2
08:00 - 08:59	0	16	26	2	0	0	0	0	0	0	0	0	0	0	0	44	21.9	25.0
09:00 - 09:59	0	17	24	3	0	0	0	0	0	0	0	0	0	0	0	44	21.9	25.1
10:00 - 10:59	0	9	27	2	0	0	0	0	0	0	0	0	0	0	0	38	22.6	25.2
11:00 - 11:59	0	14	24	4	0	1	0	0	0	0	0	0	0	0	0	43	22.7	25.6
12:00 - 12:59	1	19	29	4	0	0	0	0	0	0	0	0	0	0	0	53	21.8	25.2
13:00 - 13:59	4	21	20	0	0	0	0	0	0	0	0	0	0	0	0	45	20.0	24.2
14:00 - 14:59	2	21	29	3	1	0	0	0	0	0	0	0	0	0	0	56	21.6	25.2
15:00 - 15:59	6	18	32	5	0	0	0	0	0	0	0	0	0	0	0	61	21.1	25.3
16:00 - 16:59	3	26	46	4	0	0	0	0	0	0	0	0	0	0	0	79	21.6	25.1
17:00 - 17:59	4	20	40	1	0	0	0	0	0	0	0	0	0	0	0	65	21.2	24.8
18:00 - 18:59	4	20	27	0	0	0	0	0	0	0	0	0	0	0	0	51	20.5	24.5
19:00 - 19:59	2	12	24	0	0	0	0	0	0	0	0	0	0	0	0	38	21.2	24.7
20:00 - 20:59	1	14	24	4	0	0	0	0	0	0	0	0	0	0	0	43	22.0	25.4
21:00 - 21:59	1	6	14	4	0	0	0	0	0	0	0	0	0	0	0	25	22.6	25.7
22:00 - 22:59	1	12	7	0	0	0	0	0	0	0	0	0	0	0	0	20	19.8	23.5
23:00 - 23:59	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	23.0	27.0
Totals	32	261	451	41	2	1	0	0	0	0	0	0	0	0	0	788		
Percent of Total	4.1	33.1	57.2	5.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	1.2	28.4	63.6	6.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	5.4	35.3	54.3	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	4.0 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.2 MPH
Mean Speed:	21.6 MPH	Percent in Ten Mile Pace:	90.4%	15th Percentile:	17.6 MPH
Median Speed:	22.1 MPH			90th Percentile:	25.6 MPH
Modal Speed:	23.5 MPH			95th Percentile:	26.5 MPH

City of Crystal Daily Total Speeds (MPH)

Study Date: Tuesday, 07/15/2025

Unit ID:

Location: 4713 Welcome Ave N

Posted Speed: 30

	5-15	16-20	21-25	26-30	31-35	36-40	41-45	44-50	51-55	56-60	61-65	66-70	71-75	76-80	81-99	Total	Mean	85th %
00:00 - 00:59	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	20.5	22.0
01:00 - 01:59	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4	24.5	25.5
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
03:00 - 03:59	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	21.7	23.6
04:00 - 04:59	0	1	4	1	0	0	0	0	0	0	0	0	0	0	0	6	23.3	24.0
05:00 - 05:59	0	2	5	1	0	0	0	0	0	0	0	0	0	0	0	8	22.8	25.3
06:00 - 06:59	1	1	11	2	0	0	0	0	0	0	0	0	0	0	0	15	22.9	25.7
07:00 - 07:59	1	11	36	5	0	0	0	0	0	0	0	0	0	0	0	53	22.7	25.5
08:00 - 08:59	1	13	42	2	0	0	0	0	0	0	0	0	0	0	0	58	22.3	25.1
09:00 - 09:59	0	12	23	7	0	0	0	0	0	0	0	0	0	0	0	42	22.9	26.1
10:00 - 10:59	0	15	24	3	0	0	0	0	0	0	0	0	0	0	0	42	22.0	25.2
11:00 - 11:59	2	15	25	7	1	0	0	0	0	0	0	0	0	0	0	50	22.3	26.0
12:00 - 12:59	1	8	28	3	0	0	0	0	0	0	0	0	0	0	0	40	22.5	25.4
13:00 - 13:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00 - 14:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00 - 15:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16:00 - 16:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17:00 - 17:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18:00 - 18:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19:00 - 19:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20:00 - 20:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21:00 - 21:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22:00 - 22:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23:00 - 23:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	6	80	204	32	1	0	0	0	0	0	0	0	0	0	0	323		
Percent of Total	1.9	24.8	63.2	9.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	1.8	25.4	62.2	10.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	2.5	20.0	70.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	3.7 MPH	Ten Mile Pace:	16 to 25 MPH	85th Percentile:	25.6 MPH
Mean Speed:	22.5 MPH	Percent in Ten Mile Pace:	87.9%	15th Percentile:	18.6 MPH
Median Speed:	22.8 MPH			90th Percentile:	26.0 MPH
Modal Speed:	23.5 MPH			95th Percentile:	28.6 MPH

City of Crystal Weekly Volumes

Unit ID:

Location: 4713 Welcome Ave N

Week of 07/08/2025

Start Time	07/08 Tuesday		07/09 Wednesday		07/10 Thursday		07/11 Friday		07/12 Saturday		07/13 Sunday		07/14 Monday		Daily Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
00:00	-	-	2	7	2	1	2	1	3	3	6	2	0	1	3	3
01:00	-	-	2	1	3	6	4	2	3	5	4	4	0	1	3	3
02:00	-	-	1	0	1	1	1	1	1	1	2	2	1	0	1	1
03:00	-	-	1	0	1	1	2	0	2	0	1	0	1	1	1	0
04:00	-	-	4	3	3	4	3	1	3	0	1	0	3	3	3	2
05:00	-	-	4	7	5	3	4	5	0	4	1	1	6	4	3	4
06:00	-	-	9	6	12	11	12	5	2	2	5	3	10	11	8	6
07:00	-	-	24	19	24	16	19	19	5	4	11	1	26	13	18	12
08:00	-	-	34	13	23	25	25	16	13	15	16	10	24	20	23	17
09:00	-	-	28	21	19	11	31	12	34	14	19	14	23	21	26	16
10:00	-	-	12	7	28	21	23	21	18	21	22	16	23	15	21	17
11:00	-	-	25	25	31	17	25	23	27	18	30	20	24	19	27	20
12:00	-	-	32	22	22	26	34	20	20	26	34	26	23	30	28	25
13:00	9	10	28	28	31	21	35	27	26	15	35	29	26	19	27	21
14:00	31	22	37	42	23	20	26	20	20	15	39	46	33	23	30	27
15:00	34	21	37	36	40	32	30	26	25	23	37	44	25	36	33	31
16:00	31	23	30	33	39	40	29	22	28	20	22	33	47	32	32	29
17:00	38	39	40	41	36	40	20	26	25	16	16	19	34	31	30	30
18:00	22	34	33	38	32	24	26	20	19	20	12	11	26	25	24	25
19:00	19	16	28	24	15	26	10	21	16	12	12	8	28	11	18	17
20:00	45	20	45	13	34	11	16	13	6	17	14	13	22	21	26	15
21:00	24	10	11	22	11	13	7	8	12	20	20	10	13	12	14	14
22:00	9	7	9	6	8	6	14	6	15	8	10	9	9	11	11	8
23:00	3	2	7	3	5	5	7	8	5	14	3	6	1	1	4	6
Lane Total	265	204	483	417	448	381	405	323	328	293	372	327	428	361	414	349
Day Total		469		900		829		728		621		699		789		763
AM Peak	-	-	08:17	10:58	10:54	07:51	08:57	10:20	08:57	09:45	10:41	10:59	07:21	08:15	11:00	11:00
AM Count	-	-	40	25	33	30	31	24	36	24	32	19	34	24	27	20
PM Peak	20:04	17:14	19:42	17:24	15:23	16:31	15:21	17:11	15:48	12:03	13:40	14:38	16:19	16:17	15:00	15:00
PM Count	46	42	49	50	46	46	36	31	32	28	43	52	51	39	33	31

City of Crystal Weekly Volumes

Unit ID:

Location: 4713 Welcome Ave N

Week of 07/15/2025

Start Time	07/15 Tuesday		07/16 Wednesday		07/17 Thursday		07/18 Friday		07/19 Saturday		07/20 Sunday		07/21 Monday		Daily Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
00:00	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
01:00	1	3	-	-	-	-	-	-	-	-	-	-	-	-	1	3
02:00	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0	0
03:00	3	0	-	-	-	-	-	-	-	-	-	-	-	-	3	0
04:00	3	3	-	-	-	-	-	-	-	-	-	-	-	-	3	3
05:00	6	2	-	-	-	-	-	-	-	-	-	-	-	-	6	2
06:00	12	3	-	-	-	-	-	-	-	-	-	-	-	-	12	3
07:00	27	26	-	-	-	-	-	-	-	-	-	-	-	-	27	26
08:00	32	26	-	-	-	-	-	-	-	-	-	-	-	-	32	26
09:00	22	20	-	-	-	-	-	-	-	-	-	-	-	-	22	20
10:00	22	20	-	-	-	-	-	-	-	-	-	-	-	-	22	20
11:00	28	22	-	-	-	-	-	-	-	-	-	-	-	-	28	22
12:00	15	25	-	-	-	-	-	-	-	-	-	-	-	-	15	25
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
15:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
16:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
17:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
18:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
19:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
20:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
21:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
22:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
23:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Lane Total	172	151	-	-	-	-	-	-	-	-	-	-	-	-	172	151
Day Total		323														323
AM Peak	08:03	07:22	-	-	-	-	-	-	-	-	-	-	-	-	08:00	07:00
AM Count	33	35	-	-	-	-	-	-	-	-	-	-	-	-	32	26
PM Peak	12:00	12:00	-	-	-	-	-	-	-	-	-	-	-	-	12:00	12:00
PM Count	15	25	-	-	-	-	-	-	-	-	-	-	-	-	15	25

ADT: 761

AADT: 761