

City of Crystal

Daily Vehicle Volume Report

Study Date: Tuesday, 05/06/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0
10:00 - 10:59	6	7	13
11:00 - 11:59	22	19	41
12:00 - 12:59	20	15	35
13:00 - 13:59	21	8	29
14:00 - 14:59	36	17	53
15:00 - 15:59	55	41	96
16:00 - 16:59	47	28	75
17:00 - 17:59	37	23	60
18:00 - 18:59	43	15	58
19:00 - 19:59	27	13	40
20:00 - 20:59	27	10	37
21:00 - 21:59	23	10	33
22:00 - 22:59	12	2	14
23:00 - 23:59	5	5	10
Totals	381	213	594
AM Peak Time	10:56 - 11:55	10:32 - 11:31	10:59 - 11:58
AM Peak Volume	23	19	41
PM Peak Time	14:26 - 15:25	15:13 - 16:12	14:58 - 15:57
PM Peak Volume	59	45	98

City of Crystal

Daily Vehicle Volume Report

Study Date: Wednesday, 05/07/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	1	2	3
01:00 - 01:59	6	0	6
02:00 - 02:59	0	0	0
03:00 - 03:59	1	2	3
04:00 - 04:59	3	7	10
05:00 - 05:59	1	13	14
06:00 - 06:59	12	18	30
07:00 - 07:59	43	43	86
08:00 - 08:59	23	34	57
09:00 - 09:59	15	19	34
10:00 - 10:59	17	15	32
11:00 - 11:59	22	11	33
12:00 - 12:59	14	22	36
13:00 - 13:59	25	17	42
14:00 - 14:59	41	21	62
15:00 - 15:59	50	44	94
16:00 - 16:59	48	17	65
17:00 - 17:59	53	27	80
18:00 - 18:59	43	21	64
19:00 - 19:59	27	15	42
20:00 - 20:59	30	20	50
21:00 - 21:59	15	11	26
22:00 - 22:59	11	5	16
23:00 - 23:59	9	4	13
Totals	510	388	898
AM Peak Time	07:21 - 08:20	07:34 - 08:33	07:34 - 08:33
AM Peak Volume	50	53	99
PM Peak Time	14:25 - 15:24	15:07 - 16:06	14:25 - 15:24
PM Peak Volume	65	46	103

## City of Crystal

### Daily Vehicle Volume Report

Study Date: Thursday, 05/08/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	3	1	4
01:00 - 01:59	3	2	5
02:00 - 02:59	0	0	0
03:00 - 03:59	1	0	1
04:00 - 04:59	2	5	7
05:00 - 05:59	1	18	19
06:00 - 06:59	6	17	23
07:00 - 07:59	48	46	94
08:00 - 08:59	17	28	45
09:00 - 09:59	17	24	41
10:00 - 10:59	14	16	30
11:00 - 11:59	15	16	31
12:00 - 12:59	22	25	47
13:00 - 13:59	20	10	30
14:00 - 14:59	49	18	67
15:00 - 15:59	58	46	104
16:00 - 16:59	61	18	79
17:00 - 17:59	35	20	55
18:00 - 18:59	40	24	64
19:00 - 19:59	29	17	46
20:00 - 20:59	19	13	32
21:00 - 21:59	16	8	24
22:00 - 22:59	15	3	18
23:00 - 23:59	12	5	17
Totals	503	380	883
AM Peak Time	07:20 - 08:19	07:22 - 08:21	07:20 - 08:19
AM Peak Volume	52	56	107
PM Peak Time	14:37 - 15:36	15:09 - 16:08	14:51 - 15:50
PM Peak Volume	71	49	112

City of Crystal

Daily Vehicle Volume Report

Study Date: Friday, 05/09/2025  
Unit ID: 3624 Welcome Ave N  
Location: 3624 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	4	0	4
01:00 - 01:59	1	0	1
02:00 - 02:59	1	0	1
03:00 - 03:59	0	0	0
04:00 - 04:59	0	3	3
05:00 - 05:59	3	14	17
06:00 - 06:59	5	15	20
07:00 - 07:59	58	34	92
08:00 - 08:59	22	46	68
09:00 - 09:59	19	19	38
10:00 - 10:59	23	22	45
11:00 - 11:59	23	11	34
12:00 - 12:59	24	18	42
13:00 - 13:59	22	23	45
14:00 - 14:59	44	11	55
15:00 - 15:59	64	44	108
16:00 - 16:59	34	23	57
17:00 - 17:59	44	23	67
18:00 - 18:59	33	19	52
19:00 - 19:59	29	15	44
20:00 - 20:59	30	10	40
21:00 - 21:59	27	13	40
22:00 - 22:59	14	8	22
23:00 - 23:59	12	3	15
Totals	536	374	910
AM Peak Time	07:16 - 08:15	07:45 - 08:44	07:40 - 08:39
AM Peak Volume	65	54	112
PM Peak Time	14:45 - 15:44	15:03 - 16:02	14:49 - 15:48
PM Peak Volume	72	48	115

## City of Crystal

### Daily Vehicle Volume Report

Study Date: Saturday, 05/10/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	8	8	16
01:00 - 01:59	4	3	7
02:00 - 02:59	1	0	1
03:00 - 03:59	0	0	0
04:00 - 04:59	1	1	2
05:00 - 05:59	1	3	4
06:00 - 06:59	2	1	3
07:00 - 07:59	5	13	18
08:00 - 08:59	10	23	33
09:00 - 09:59	10	17	27
10:00 - 10:59	23	21	44
11:00 - 11:59	20	23	43
12:00 - 12:59	33	19	52
13:00 - 13:59	25	22	47
14:00 - 14:59	32	19	51
15:00 - 15:59	34	18	52
16:00 - 16:59	25	12	37
17:00 - 17:59	30	24	54
18:00 - 18:59	34	29	63
19:00 - 19:59	34	18	52
20:00 - 20:59	11	7	18
21:00 - 21:59	25	12	37
22:00 - 22:59	12	1	13
23:00 - 23:59	10	5	15
Totals	390	299	689
AM Peak Time	10:05 - 11:04	09:32 - 10:31	10:05 - 11:04
AM Peak Volume	26	26	49
PM Peak Time	17:45 - 18:44	17:17 - 18:16	17:47 - 18:46
PM Peak Volume	39	30	67

## City of Crystal

### Daily Vehicle Volume Report

Study Date: Sunday, 05/11/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	1	2	3
01:00 - 01:59	4	2	6
02:00 - 02:59	5	2	7
03:00 - 03:59	3	1	4
04:00 - 04:59	0	1	1
05:00 - 05:59	3	3	6
06:00 - 06:59	2	5	7
07:00 - 07:59	2	9	11
08:00 - 08:59	7	11	18
09:00 - 09:59	27	15	42
10:00 - 10:59	25	15	40
11:00 - 11:59	15	50	65
12:00 - 12:59	21	22	43
13:00 - 13:59	28	22	50
14:00 - 14:59	26	23	49
15:00 - 15:59	24	27	51
16:00 - 16:59	26	7	33
17:00 - 17:59	44	15	59
18:00 - 18:59	22	14	36
19:00 - 19:59	17	16	33
20:00 - 20:59	20	13	33
21:00 - 21:59	14	9	23
22:00 - 22:59	11	3	14
23:00 - 23:59	2	3	5
<b>Totals</b>	<b>349</b>	<b>290</b>	<b>639</b>
<b>AM Peak Time</b>	<b>09:14 - 10:13</b>	<b>10:57 - 11:56</b>	<b>10:51 - 11:50</b>
<b>AM Peak Volume</b>	<b>38</b>	<b>51</b>	<b>67</b>
<b>PM Peak Time</b>	<b>17:08 - 18:07</b>	<b>13:26 - 14:25</b>	<b>17:07 - 18:06</b>
<b>PM Peak Volume</b>	<b>46</b>	<b>30</b>	<b>62</b>

City of Crystal

Daily Vehicle Volume Report

Study Date: Monday, 05/12/2025  
Unit ID: 3624 Welcome Ave N  
Location: 3624 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	1	1	2
01:00 - 01:59	1	0	1
02:00 - 02:59	0	0	0
03:00 - 03:59	0	2	2
04:00 - 04:59	3	4	7
05:00 - 05:59	1	13	14
06:00 - 06:59	5	17	22
07:00 - 07:59	48	39	87
08:00 - 08:59	28	36	64
09:00 - 09:59	14	21	35
10:00 - 10:59	17	22	39
11:00 - 11:59	17	13	30
12:00 - 12:59	24	20	44
13:00 - 13:59	20	16	36
14:00 - 14:59	40	12	52
15:00 - 15:59	55	42	97
16:00 - 16:59	40	28	68
17:00 - 17:59	38	21	59
18:00 - 18:59	34	22	56
19:00 - 19:59	24	14	38
20:00 - 20:59	24	11	35
21:00 - 21:59	22	12	34
22:00 - 22:59	9	1	10
23:00 - 23:59	5	2	7
Totals	470	369	839
AM Peak Time	07:23 - 08:22	07:27 - 08:26	07:27 - 08:26
AM Peak Volume	58	49	107
PM Peak Time	14:16 - 15:15	15:11 - 16:10	14:54 - 15:53
PM Peak Volume	66	45	103

City of Crystal

Daily Vehicle Volume Report

Study Date: Tuesday, 05/13/2025  
Unit ID: 3624 Welcome Ave N  
Location: 3624 Welcome Ave N

	Northbound Volume	Southbound Volume	Total Volume
00:00 - 00:59	2	4	6
01:00 - 01:59	3	0	3
02:00 - 02:59	0	1	1
03:00 - 03:59	0	0	0
04:00 - 04:59	1	5	6
05:00 - 05:59	0	11	11
06:00 - 06:59	4	16	20
07:00 - 07:59	52	50	102
08:00 - 08:59	13	29	42
09:00 - 09:59	13	21	34
10:00 - 10:59	-	-	-
11:00 - 11:59	-	-	-
12:00 - 12:59	-	-	-
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	88	137	225
AM Peak Time	07:11 - 08:10	07:00 - 07:59	07:19 - 08:18
AM Peak Volume	55	50	104
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, 05/06/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 - 10:59	0	5	0	1	0	0	0	0	0	0	0	0	0	6
11:00 - 11:59	0	17	3	0	2	0	0	0	0	0	0	0	0	22
12:00 - 12:59	0	16	1	0	3	0	0	0	0	0	0	0	0	20
13:00 - 13:59	0	15	2	0	4	0	0	0	0	0	0	0	0	21
14:00 - 14:59	0	29	3	0	3	0	1	0	0	0	0	0	0	36
15:00 - 15:59	0	43	9	0	2	0	0	0	0	0	0	1	0	55
16:00 - 16:59	0	39	5	0	3	0	0	0	0	0	0	0	0	47
17:00 - 17:59	1	29	3	0	4	0	0	0	0	0	0	0	0	37
18:00 - 18:59	0	33	7	0	3	0	0	0	0	0	0	0	0	43
19:00 - 19:59	0	21	3	0	3	0	0	0	0	0	0	0	0	27
20:00 - 20:59	0	21	3	0	3	0	0	0	0	0	0	0	0	27
21:00 - 21:59	0	22	0	0	1	0	0	0	0	0	0	0	0	23
22:00 - 22:59	0	11	0	0	1	0	0	0	0	0	0	0	0	12
23:00 - 23:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Totals	1	306	39	1	32	0	1	0	0	0	0	1	0	381
Percent of Total	0.3	80.3	10.2	0.3	8.4	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	100
Percent of AM	0.0	78.6	10.7	3.6	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.3	80.5	10.2	0.0	8.5	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	100

#### Truck Summary:

Total Trucks: 35

% Trucks: 9.2

AM % Trucks: 10.7

PM % Trucks: 9.1

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: Wednesday, 05/07/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	1	1	0	1	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00 - 06:59	0	10	0	0	1	1	0	0	0	0	0	0	0	12
07:00 - 07:59	0	34	8	0	1	0	0	0	0	0	0	0	0	43
08:00 - 08:59	0	13	4	0	5	1	0	0	0	0	0	0	0	23
09:00 - 09:59	0	7	4	1	3	0	0	0	0	0	0	0	0	15
10:00 - 10:59	0	11	0	0	5	1	0	0	0	0	0	0	0	17
11:00 - 11:59	0	17	2	0	3	0	0	0	0	0	0	0	0	22
12:00 - 12:59	1	9	1	1	2	0	0	0	0	0	0	0	0	14
13:00 - 13:59	0	17	2	0	5	1	0	0	0	0	0	0	0	25
14:00 - 14:59	0	34	3	1	3	0	0	0	0	0	0	0	0	41
15:00 - 15:59	0	41	7	0	2	0	0	0	0	0	0	0	0	50
16:00 - 16:59	0	37	6	1	4	0	0	0	0	0	0	0	0	48
17:00 - 17:59	0	51	1	0	1	0	0	0	0	0	0	0	0	53
18:00 - 18:59	0	35	6	0	2	0	0	0	0	0	0	0	0	43
19:00 - 19:59	0	21	6	0	0	0	0	0	0	0	0	0	0	27
20:00 - 20:59	0	26	3	0	1	0	0	0	0	0	0	0	0	30
21:00 - 21:59	0	14	0	0	1	0	0	0	0	0	0	0	0	15
22:00 - 22:59	0	11	0	0	0	0	0	0	0	0	0	0	0	11
23:00 - 23:59	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Totals	1	407	54	4	40	4	0	0	0	0	0	0	0	510
Percent of Total	0.2	79.8	10.6	0.8	7.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	70.8	13.2	0.7	13.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.3	83.3	9.6	0.8	5.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

**Truck Summary:**

Total Trucks: 48

% Trucks: 9.4

AM % Trucks: 16.0

PM % Trucks: 6.8

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: Thursday, 05/08/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
05:00 - 05:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00 - 06:59	0	6	0	0	0	0	0	0	0	0	0	0	0	6
07:00 - 07:59	0	40	7	0	1	0	0	0	0	0	0	0	0	48
08:00 - 08:59	0	12	4	1	0	0	0	0	0	0	0	0	0	17
09:00 - 09:59	0	10	5	0	2	0	0	0	0	0	0	0	0	17
10:00 - 10:59	0	13	0	1	0	0	0	0	0	0	0	0	0	14
11:00 - 11:59	0	12	0	0	2	0	0	1	0	0	0	0	0	15
12:00 - 12:59	0	18	2	0	2	0	0	0	0	0	0	0	0	22
13:00 - 13:59	0	13	3	0	4	0	0	0	0	0	0	0	0	20
14:00 - 14:59	0	39	8	0	2	0	0	0	0	0	0	0	0	49
15:00 - 15:59	0	50	4	1	2	1	0	0	0	0	0	0	0	58
16:00 - 16:59	0	56	3	0	2	0	0	0	0	0	0	0	0	61
17:00 - 17:59	0	29	5	0	1	0	0	0	0	0	0	0	0	35
18:00 - 18:59	0	31	7	0	2	0	0	0	0	0	0	0	0	40
19:00 - 19:59	0	23	3	0	3	0	0	0	0	0	0	0	0	29
20:00 - 20:59	0	17	0	0	2	0	0	0	0	0	0	0	0	19
21:00 - 21:59	0	15	1	0	0	0	0	0	0	0	0	0	0	16
22:00 - 22:59	0	14	1	0	0	0	0	0	0	0	0	0	0	15
23:00 - 23:59	0	10	1	0	1	0	0	0	0	0	0	0	0	12
Totals	0	418	54	3	26	1	0	1	0	0	0	0	0	503
Percent of Total	0.0	83.1	10.7	0.6	5.2	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	81.1	12.6	1.6	3.9	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.0	83.8	10.1	0.3	5.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

**Truck Summary:**

Total Trucks: 31

% Trucks: 6.2

AM % Trucks: 6.3

PM % Trucks: 6.1

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: Friday, 05/09/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	1	3	0	0	0	0	0	0	0	0	0	0	0	4
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	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	2	0	0	0	1	0	0	0	0	0	0	0	3
06:00 - 06:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
07:00 - 07:59	0	43	11	0	4	0	0	0	0	0	0	0	0	58
08:00 - 08:59	0	14	4	1	3	0	0	0	0	0	0	0	0	22
09:00 - 09:59	0	13	2	0	4	0	0	0	0	0	0	0	0	19
10:00 - 10:59	0	18	2	1	2	0	0	0	0	0	0	0	0	23
11:00 - 11:59	0	20	0	0	3	0	0	0	0	0	0	0	0	23
12:00 - 12:59	0	16	4	1	3	0	0	0	0	0	0	0	0	24
13:00 - 13:59	1	16	2	0	3	0	0	0	0	0	0	0	0	22
14:00 - 14:59	0	36	4	0	4	0	0	0	0	0	0	0	0	44
15:00 - 15:59	0	55	5	1	3	0	0	0	0	0	0	0	0	64
16:00 - 16:59	0	29	5	0	0	0	0	0	0	0	0	0	0	34
17:00 - 17:59	0	39	5	0	0	0	0	0	0	0	0	0	0	44
18:00 - 18:59	1	24	4	0	4	0	0	0	0	0	0	0	0	33
19:00 - 19:59	0	26	1	0	1	0	1	0	0	0	0	0	0	29
20:00 - 20:59	2	23	3	0	2	0	0	0	0	0	0	0	0	30
21:00 - 21:59	0	25	2	0	0	0	0	0	0	0	0	0	0	27
22:00 - 22:59	0	8	5	0	1	0	0	0	0	0	0	0	0	14
23:00 - 23:59	0	8	2	0	2	0	0	0	0	0	0	0	0	12
Totals	5	425	61	4	39	1	1	0	0	0	0	0	0	536
Percent of Total	0.9	79.3	11.4	0.7	7.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.6	75.5	11.9	1.3	10.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.1	80.9	11.1	0.5	6.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100

**Truck Summary:**

Total Trucks: 45

% Trucks: 8.4

AM % Trucks: 11.9

PM % Trucks: 6.9

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: Saturday, 05/10/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	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	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	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00 - 06:59	0	1	0	0	1	0	0	0	0	0	0	0	0	2
07:00 - 07:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
08:00 - 08:59	0	8	1	0	1	0	0	0	0	0	0	0	0	10
09:00 - 09:59	0	8	1	0	1	0	0	0	0	0	0	0	0	10
10:00 - 10:59	0	19	1	0	3	0	0	0	0	0	0	0	0	23
11:00 - 11:59	0	15	5	0	0	0	0	0	0	0	0	0	0	20
12:00 - 12:59	0	25	6	0	2	0	0	0	0	0	0	0	0	33
13:00 - 13:59	0	22	2	0	1	0	0	0	0	0	0	0	0	25
14:00 - 14:59	0	24	4	0	4	0	0	0	0	0	0	0	0	32
15:00 - 15:59	1	25	2	0	6	0	0	0	0	0	0	0	0	34
16:00 - 16:59	0	18	5	0	2	0	0	0	0	0	0	0	0	25
17:00 - 17:59	0	29	0	0	1	0	0	0	0	0	0	0	0	30
18:00 - 18:59	0	29	4	0	1	0	0	0	0	0	0	0	0	34
19:00 - 19:59	0	28	4	0	2	0	0	0	0	0	0	0	0	34
20:00 - 20:59	0	10	1	0	0	0	0	0	0	0	0	0	0	11
21:00 - 21:59	0	21	3	0	1	0	0	0	0	0	0	0	0	25
22:00 - 22:59	0	12	0	0	0	0	0	0	0	0	0	0	0	12
23:00 - 23:59	1	6	1	0	2	0	0	0	0	0	0	0	0	10
Totals	2	320	40	0	28	0	0	0	0	0	0	0	0	390
Percent of Total	0.5	82.1	10.3	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	83.5	9.4	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.7	81.6	10.5	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

**Truck Summary:**

Total Trucks: 28

% Trucks: 7.2

AM % Trucks: 7.1

PM % Trucks: 7.2

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: Sunday, 05/11/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	0	0	0	0	0	0	0	0	1
01:00 - 01:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
02:00 - 02:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
03:00 - 03:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:00 - 04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 - 05:59	0	2	1	0	0	0	0	0	0	0	0	0	0	3
06:00 - 06:59	0	1	0	0	1	0	0	0	0	0	0	0	0	2
07:00 - 07:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
08:00 - 08:59	0	5	1	0	1	0	0	0	0	0	0	0	0	7
09:00 - 09:59	0	25	1	0	1	0	0	0	0	0	0	0	0	27
10:00 - 10:59	1	23	0	0	1	0	0	0	0	0	0	0	0	25
11:00 - 11:59	0	15	0	0	0	0	0	0	0	0	0	0	0	15
12:00 - 12:59	1	19	1	0	0	0	0	0	0	0	0	0	0	21
13:00 - 13:59	0	23	2	0	3	0	0	0	0	0	0	0	0	28
14:00 - 14:59	0	24	1	0	1	0	0	0	0	0	0	0	0	26
15:00 - 15:59	0	20	1	0	3	0	0	0	0	0	0	0	0	24
16:00 - 16:59	0	22	2	0	2	0	0	0	0	0	0	0	0	26
17:00 - 17:59	0	38	3	0	3	0	0	0	0	0	0	0	0	44
18:00 - 18:59	0	17	3	0	2	0	0	0	0	0	0	0	0	22
19:00 - 19:59	2	12	0	0	3	0	0	0	0	0	0	0	0	17
20:00 - 20:59	0	12	5	0	3	0	0	0	0	0	0	0	0	20
21:00 - 21:59	0	12	1	0	1	0	0	0	0	0	0	0	0	14
22:00 - 22:59	1	9	1	0	0	0	0	0	0	0	0	0	0	11
23:00 - 23:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	5	295	23	0	26	0	0	0	0	0	0	0	0	349
Percent of Total	1.4	84.5	6.6	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	1.1	90.4	3.2	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.6	82.4	7.8	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

#### Truck Summary:

Total Trucks: 26

% Trucks: 7.4

AM % Trucks: 5.3

PM % Trucks: 8.2

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: Monday, 05/12/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	2	0	0	1	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	1	0	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	35	9	0	3	1	0	0	0	0	0	0	0	48
08:00 - 08:59	0	16	8	1	0	3	0	0	0	0	0	0	0	28
09:00 - 09:59	0	8	4	0	0	2	0	0	0	0	0	0	0	14
10:00 - 10:59	0	11	4	1	1	0	0	0	0	0	0	0	0	17
11:00 - 11:59	0	10	2	0	4	1	0	0	0	0	0	0	0	17
12:00 - 12:59	0	19	1	0	4	0	0	0	0	0	0	0	0	24
13:00 - 13:59	0	15	3	0	2	0	0	0	0	0	0	0	0	20
14:00 - 14:59	0	32	6	0	2	0	0	0	0	0	0	0	0	40
15:00 - 15:59	0	50	3	0	2	0	0	0	0	0	0	0	0	55
16:00 - 16:59	0	37	1	0	2	0	0	0	0	0	0	0	0	40
17:00 - 17:59	0	34	2	0	2	0	0	0	0	0	0	0	0	38
18:00 - 18:59	0	25	6	0	3	0	0	0	0	0	0	0	0	34
19:00 - 19:59	0	21	2	0	1	0	0	0	0	0	0	0	0	24
20:00 - 20:59	0	22	1	0	1	0	0	0	0	0	0	0	0	24
21:00 - 21:59	0	20	2	0	0	0	0	0	0	0	0	0	0	22
22:00 - 22:59	0	8	0	0	1	0	0	0	0	0	0	0	0	9
23:00 - 23:59	1	4	0	0	0	0	0	0	0	0	0	0	0	5
Totals	1	377	54	2	29	7	0	0	0	0	0	0	0	470
Percent of Total	0.2	80.2	11.5	0.4	6.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	66.7	20.0	1.5	6.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.3	85.7	8.1	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

#### Truck Summary:

Total Trucks: 38

% Trucks: 8.1

AM % Trucks: 13.3

PM % Trucks: 6.0

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: Tuesday, 05/13/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	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	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	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 - 06:59	0	2	0	0	1	1	0	0	0	0	0	0	0	4
07:00 - 07:59	0	44	5	0	3	0	0	0	0	0	0	0	0	52
08:00 - 08:59	0	9	4	0	0	0	0	0	0	0	0	0	0	13
09:00 - 09:59	0	10	3	0	0	0	0	0	0	0	0	0	0	13
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0	69	13	0	5	1	0	0	0	0	0	0	0	88
Percent of Total	0.0	78.4	14.8	0.0	5.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	78.4	14.8	0.0	5.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	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

Truck Summary:

Total Trucks: 6

% Trucks: 6.8

AM % Trucks: 6.8

PM % Trucks: 0.0

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, 05/06/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 - 10:59	0	5	0	0	2	0	0	0	0	0	0	0	0	7
11:00 - 11:59	0	15	3	0	1	0	0	0	0	0	0	0	0	19
12:00 - 12:59	2	9	2	0	2	0	0	0	0	0	0	0	0	15
13:00 - 13:59	0	6	2	0	0	0	0	0	0	0	0	0	0	8
14:00 - 14:59	0	12	2	1	2	0	0	0	0	0	0	0	0	17
15:00 - 15:59	1	33	4	1	2	0	0	0	0	0	0	0	0	41
16:00 - 16:59	0	24	2	0	2	0	0	0	0	0	0	0	0	28
17:00 - 17:59	0	21	0	0	2	0	0	0	0	0	0	0	0	23
18:00 - 18:59	0	14	1	0	0	0	0	0	0	0	0	0	0	15
19:00 - 19:59	0	10	3	0	0	0	0	0	0	0	0	0	0	13
20:00 - 20:59	0	9	1	0	0	0	0	0	0	0	0	0	0	10
21:00 - 21:59	0	9	1	0	0	0	0	0	0	0	0	0	0	10
22:00 - 22:59	0	1	0	0	1	0	0	0	0	0	0	0	0	2
23:00 - 23:59	0	4	1	0	0	0	0	0	0	0	0	0	0	5
Totals	3	172	22	2	14	0	0	0	0	0	0	0	0	213
Percent of Total	1.4	80.8	10.3	0.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	76.9	11.5	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.6	81.3	10.2	1.1	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

**Truck Summary:**

Total Trucks: 16

% Trucks: 7.5

AM % Trucks: 11.5

PM % Trucks: 7.0

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: Wednesday, 05/07/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00 - 04:59	1	6	0	0	0	0	0	0	0	0	0	0	0	7
05:00 - 05:59	0	11	2	0	0	0	0	0	0	0	0	0	0	13
06:00 - 06:59	0	16	2	0	0	0	0	0	0	0	0	0	0	18
07:00 - 07:59	0	36	6	0	1	0	0	0	0	0	0	0	0	43
08:00 - 08:59	0	25	4	1	4	0	0	0	0	0	0	0	0	34
09:00 - 09:59	0	10	5	1	3	0	0	0	0	0	0	0	0	19
10:00 - 10:59	1	13	0	0	1	0	0	0	0	0	0	0	0	15
11:00 - 11:59	0	6	0	1	3	1	0	0	0	0	0	0	0	11
12:00 - 12:59	0	14	5	0	3	0	0	0	0	0	0	0	0	22
13:00 - 13:59	1	9	2	2	3	0	0	0	0	0	0	0	0	17
14:00 - 14:59	1	15	1	1	2	1	0	0	0	0	0	0	0	21
15:00 - 15:59	1	37	3	1	2	0	0	0	0	0	0	0	0	44
16:00 - 16:59	0	11	4	0	2	0	0	0	0	0	0	0	0	17
17:00 - 17:59	0	22	1	1	3	0	0	0	0	0	0	0	0	27
18:00 - 18:59	0	20	0	0	1	0	0	0	0	0	0	0	0	21
19:00 - 19:59	0	12	2	0	1	0	0	0	0	0	0	0	0	15
20:00 - 20:59	0	20	0	0	0	0	0	0	0	0	0	0	0	20
21:00 - 21:59	0	10	1	0	0	0	0	0	0	0	0	0	0	11
22:00 - 22:59	0	4	0	0	1	0	0	0	0	0	0	0	0	5
23:00 - 23:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Totals	5	305	38	8	30	2	0	0	0	0	0	0	0	388
Percent of Total	1.3	78.6	9.8	2.1	7.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	1.2	77.4	11.6	1.8	7.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.3	79.5	8.5	2.2	8.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

#### Truck Summary:

Total Trucks: 40

% Trucks: 10.3

AM % Trucks: 9.8

PM % Trucks: 10.7

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 Southbound Classes Report

Study Date: Thursday, 05/08/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	0	0	0	0	0	0	0	0	2
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	4	0	0	1	0	0	0	0	0	0	0	0	5
05:00 - 05:59	0	14	4	0	0	0	0	0	0	0	0	0	0	18
06:00 - 06:59	0	16	0	0	1	0	0	0	0	0	0	0	0	17
07:00 - 07:59	0	38	4	0	4	0	0	0	0	0	0	0	0	46
08:00 - 08:59	0	24	3	1	0	0	0	0	0	0	0	0	0	28
09:00 - 09:59	0	21	2	0	1	0	0	0	0	0	0	0	0	24
10:00 - 10:59	0	13	1	0	2	0	0	0	0	0	0	0	0	16
11:00 - 11:59	0	14	1	0	1	0	0	0	0	0	0	0	0	16
12:00 - 12:59	0	19	2	0	4	0	0	0	0	0	0	0	0	25
13:00 - 13:59	0	8	0	0	2	0	0	0	0	0	0	0	0	10
14:00 - 14:59	0	15	3	0	0	0	0	0	0	0	0	0	0	18
15:00 - 15:59	0	39	4	1	2	0	0	0	0	0	0	0	0	46
16:00 - 16:59	0	16	2	0	0	0	0	0	0	0	0	0	0	18
17:00 - 17:59	0	15	1	0	4	0	0	0	0	0	0	0	0	20
18:00 - 18:59	0	23	0	0	1	0	0	0	0	0	0	0	0	24
19:00 - 19:59	0	14	1	0	1	1	0	0	0	0	0	0	0	17
20:00 - 20:59	0	12	0	0	1	0	0	0	0	0	0	0	0	13
21:00 - 21:59	0	7	0	0	1	0	0	0	0	0	0	0	0	8
22:00 - 22:59	0	2	0	0	1	0	0	0	0	0	0	0	0	3
23:00 - 23:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Totals	0	321	28	2	28	1	0	0	0	0	0	0	0	380
Percent of Total	0.0	84.5	7.4	0.5	7.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	84.4	8.7	0.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.0	84.5	6.3	0.5	8.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

#### Truck Summary:

Total Trucks: 31

% Trucks: 8.2

AM % Trucks: 6.9

PM % Trucks: 9.2

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 Southbound Classes Report

Study Date: Friday, 05/09/2025  
Unit ID: 3624 Welcome Ave N  
Location: 3624 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	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	2	0	0	1	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	12	2	0	0	0	0	0	0	0	0	0	0	14
06:00 - 06:59	0	14	0	0	1	0	0	0	0	0	0	0	0	15
07:00 - 07:59	0	29	3	0	2	0	0	0	0	0	0	0	0	34
08:00 - 08:59	0	38	6	1	1	0	0	0	0	0	0	0	0	46
09:00 - 09:59	0	14	3	0	2	0	0	0	0	0	0	0	0	19
10:00 - 10:59	0	18	1	0	3	0	0	0	0	0	0	0	0	22
11:00 - 11:59	0	10	0	0	1	0	0	0	0	0	0	0	0	11
12:00 - 12:59	0	15	0	1	2	0	0	0	0	0	0	0	0	18
13:00 - 13:59	0	19	0	0	4	0	0	0	0	0	0	0	0	23
14:00 - 14:59	0	10	1	0	0	0	0	0	0	0	0	0	0	11
15:00 - 15:59	0	40	0	2	2	0	0	0	0	0	0	0	0	44
16:00 - 16:59	0	21	1	0	1	0	0	0	0	0	0	0	0	23
17:00 - 17:59	0	18	3	0	2	0	0	0	0	0	0	0	0	23
18:00 - 18:59	0	18	1	0	0	0	0	0	0	0	0	0	0	19
19:00 - 19:59	0	15	0	0	0	0	0	0	0	0	0	0	0	15
20:00 - 20:59	0	9	0	0	1	0	0	0	0	0	0	0	0	10
21:00 - 21:59	0	12	0	0	1	0	0	0	0	0	0	0	0	13
22:00 - 22:59	0	7	1	0	0	0	0	0	0	0	0	0	0	8
23:00 - 23:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Totals	0	324	22	4	24	0	0	0	0	0	0	0	0	374
Percent of Total	0.0	86.6	5.9	1.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	83.5	9.1	0.6	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.0	89.0	3.3	1.4	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 28

% Trucks: 7.5

AM % Trucks: 7.3

PM % Trucks: 7.6

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: Saturday, 05/10/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	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	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
06:00 - 06:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
07:00 - 07:59	0	12	0	0	1	0	0	0	0	0	0	0	0	13
08:00 - 08:59	0	19	2	0	2	0	0	0	0	0	0	0	0	23
09:00 - 09:59	0	13	2	0	1	0	1	0	0	0	0	0	0	17
10:00 - 10:59	0	19	1	0	1	0	0	0	0	0	0	0	0	21
11:00 - 11:59	1	21	1	0	0	0	0	0	0	0	0	0	0	23
12:00 - 12:59	0	15	3	0	1	0	0	0	0	0	0	0	0	19
13:00 - 13:59	1	19	1	0	1	0	0	0	0	0	0	0	0	22
14:00 - 14:59	0	19	0	0	0	0	0	0	0	0	0	0	0	19
15:00 - 15:59	1	14	0	0	3	0	0	0	0	0	0	0	0	18
16:00 - 16:59	0	10	1	0	0	0	1	0	0	0	0	0	0	12
17:00 - 17:59	0	22	1	0	1	0	0	0	0	0	0	0	0	24
18:00 - 18:59	0	26	1	0	1	0	0	1	0	0	0	0	0	29
19:00 - 19:59	0	16	1	0	1	0	0	0	0	0	0	0	0	18
20:00 - 20:59	0	6	0	0	1	0	0	0	0	0	0	0	0	7
21:00 - 21:59	0	11	0	0	1	0	0	0	0	0	0	0	0	12
22:00 - 22:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00 - 23:59	0	4	1	0	0	0	0	0	0	0	0	0	0	5
Totals	3	263	15	0	15	0	2	1	0	0	0	0	0	299
Percent of Total	1.0	88.0	5.0	0.0	5.0	0.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.9	88.5	5.3	0.0	4.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.1	87.6	4.8	0.0	5.4	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	100

**Truck Summary:**

Total Trucks: 18

% Trucks: 6.0

AM % Trucks: 5.3

PM % Trucks: 6.5

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: Sunday, 05/11/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	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	1	2	0	0	0	0	0	0	0	0	0	0	3
06:00 - 06:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
07:00 - 07:59	0	7	2	0	0	0	0	0	0	0	0	0	0	9
08:00 - 08:59	0	10	1	0	0	0	0	0	0	0	0	0	0	11
09:00 - 09:59	0	11	3	0	1	0	0	0	0	0	0	0	0	15
10:00 - 10:59	0	13	0	0	2	0	0	0	0	0	0	0	0	15
11:00 - 11:59	0	46	2	0	1	1	0	0	0	0	0	0	0	50
12:00 - 12:59	0	20	2	0	0	0	0	0	0	0	0	0	0	22
13:00 - 13:59	1	19	1	0	1	0	0	0	0	0	0	0	0	22
14:00 - 14:59	0	22	0	0	1	0	0	0	0	0	0	0	0	23
15:00 - 15:59	2	23	1	0	1	0	0	0	0	0	0	0	0	27
16:00 - 16:59	0	5	1	0	1	0	0	0	0	0	0	0	0	7
17:00 - 17:59	0	14	1	0	0	0	0	0	0	0	0	0	0	15
18:00 - 18:59	0	13	0	0	0	0	1	0	0	0	0	0	0	14
19:00 - 19:59	1	12	2	0	1	0	0	0	0	0	0	0	0	16
20:00 - 20:59	0	7	4	0	2	0	0	0	0	0	0	0	0	13
21:00 - 21:59	0	8	1	0	0	0	0	0	0	0	0	0	0	9
22:00 - 22:59	0	2	0	0	1	0	0	0	0	0	0	0	0	3
23:00 - 23:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Totals	4	249	23	0	12	1	1	0	0	0	0	0	0	290
Percent of Total	1.4	85.9	7.9	0.0	4.1	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	87.1	8.6	0.0	3.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	2.3	85.1	7.5	0.0	4.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	100

#### Truck Summary:

Total Trucks: 14

% Trucks: 4.8

AM % Trucks: 4.3

PM % Trucks: 5.2

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 Southbound Classes Report

Study Date: Monday, 05/12/2025  
Unit ID: 3624 Welcome Ave N  
Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	1	0	0	1	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	3	0	0	1	0	0	0	0	0	0	0	0	4
05:00 - 05:59	0	11	2	0	0	0	0	0	0	0	0	0	0	13
06:00 - 06:59	0	15	1	0	1	0	0	0	0	0	0	0	0	17
07:00 - 07:59	0	30	6	0	2	1	0	0	0	0	0	0	0	39
08:00 - 08:59	0	25	5	1	2	3	0	0	0	0	0	0	0	36
09:00 - 09:59	0	15	2	0	1	3	0	0	0	0	0	0	0	21
10:00 - 10:59	1	15	2	0	1	3	0	0	0	0	0	0	0	22
11:00 - 11:59	0	10	1	1	0	1	0	0	0	0	0	0	0	13
12:00 - 12:59	0	15	2	0	3	0	0	0	0	0	0	0	0	20
13:00 - 13:59	0	12	1	0	3	0	0	0	0	0	0	0	0	16
14:00 - 14:59	0	8	2	1	1	0	0	0	0	0	0	0	0	12
15:00 - 15:59	0	35	5	1	0	1	0	0	0	0	0	0	0	42
16:00 - 16:59	0	25	0	0	2	0	0	1	0	0	0	0	0	28
17:00 - 17:59	0	17	3	0	1	0	0	0	0	0	0	0	0	21
18:00 - 18:59	0	21	0	0	1	0	0	0	0	0	0	0	0	22
19:00 - 19:59	0	14	0	0	0	0	0	0	0	0	0	0	0	14
20:00 - 20:59	0	11	0	0	0	0	0	0	0	0	0	0	0	11
21:00 - 21:59	0	11	0	0	1	0	0	0	0	0	0	0	0	12
22:00 - 22:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00 - 23:59	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	1	298	32	4	21	12	0	1	0	0	0	0	0	369
Percent of Total	0.3	80.8	8.7	1.1	5.7	3.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.6	75.0	11.3	1.2	5.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.0	85.6	6.5	1.0	6.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 38

% Trucks: 10.3

AM % Trucks: 13.1

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 Southbound Classes Report

Study Date: Tuesday, 05/13/2025  
Unit ID: 3624 Welcome Ave N  
Location: 3624 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	2	2	0	0	0	0	0	0	0	0	0	0	4
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	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	4	0	0	1	0	0	0	0	0	0	0	0	5
05:00 - 05:59	0	9	2	0	0	0	0	0	0	0	0	0	0	11
06:00 - 06:59	0	16	0	0	0	0	0	0	0	0	0	0	0	16
07:00 - 07:59	0	44	4	0	2	0	0	0	0	0	0	0	0	50
08:00 - 08:59	0	23	4	0	2	0	0	0	0	0	0	0	0	29
09:00 - 09:59	0	15	5	0	1	0	0	0	0	0	0	0	0	21
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0	114	17	0	6	0	0	0	0	0	0	0	0	137
Percent of Total	0.0	83.2	12.4	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	83.2	12.4	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	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

Truck Summary:

Total Trucks: 6

% Trucks: 4.4

AM % Trucks: 4.4

PM % Trucks: 0.0

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, 05/06/2025  
Unit ID: 3624 Welcome Ave N  
Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 - 10:59	0	10	0	1	2	0	0	0	0	0	0	0	0	13
11:00 - 11:59	0	32	6	0	3	0	0	0	0	0	0	0	0	41
12:00 - 12:59	2	25	3	0	5	0	0	0	0	0	0	0	0	35
13:00 - 13:59	0	21	4	0	4	0	0	0	0	0	0	0	0	29
14:00 - 14:59	0	41	5	1	5	0	1	0	0	0	0	0	0	53
15:00 - 15:59	1	76	13	1	4	0	0	0	0	0	0	1	0	96
16:00 - 16:59	0	63	7	0	5	0	0	0	0	0	0	0	0	75
17:00 - 17:59	1	50	3	0	6	0	0	0	0	0	0	0	0	60
18:00 - 18:59	0	47	8	0	3	0	0	0	0	0	0	0	0	58
19:00 - 19:59	0	31	6	0	3	0	0	0	0	0	0	0	0	40
20:00 - 20:59	0	30	4	0	3	0	0	0	0	0	0	0	0	37
21:00 - 21:59	0	31	1	0	1	0	0	0	0	0	0	0	0	33
22:00 - 22:59	0	12	0	0	2	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	4	478	61	3	46	0	1	0	0	0	0	1	0	594
Percent of Total	0.7	80.5	10.3	0.5	7.7	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	100
Percent of AM	0.0	77.8	11.1	1.9	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.7	80.7	10.2	0.4	7.6	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	100

Truck Summary:

Total Trucks: 51

% Trucks: 8.6

AM % Trucks: 11.1

PM % Trucks: 8.3

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, 05/07/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:00 - 04:59	1	7	1	0	1	0	0	0	0	0	0	0	0	10
05:00 - 05:59	0	12	2	0	0	0	0	0	0	0	0	0	0	14
06:00 - 06:59	0	26	2	0	1	1	0	0	0	0	0	0	0	30
07:00 - 07:59	0	70	14	0	2	0	0	0	0	0	0	0	0	86
08:00 - 08:59	0	38	8	1	9	1	0	0	0	0	0	0	0	57
09:00 - 09:59	0	17	9	2	6	0	0	0	0	0	0	0	0	34
10:00 - 10:59	1	24	0	0	6	1	0	0	0	0	0	0	0	32
11:00 - 11:59	0	23	2	1	6	1	0	0	0	0	0	0	0	33
12:00 - 12:59	1	23	6	1	5	0	0	0	0	0	0	0	0	36
13:00 - 13:59	1	26	4	2	8	1	0	0	0	0	0	0	0	42
14:00 - 14:59	1	49	4	2	5	1	0	0	0	0	0	0	0	62
15:00 - 15:59	1	78	10	1	4	0	0	0	0	0	0	0	0	94
16:00 - 16:59	0	48	10	1	6	0	0	0	0	0	0	0	0	65
17:00 - 17:59	0	73	2	1	4	0	0	0	0	0	0	0	0	80
18:00 - 18:59	0	55	6	0	3	0	0	0	0	0	0	0	0	64
19:00 - 19:59	0	33	8	0	1	0	0	0	0	0	0	0	0	42
20:00 - 20:59	0	46	3	0	1	0	0	0	0	0	0	0	0	50
21:00 - 21:59	0	24	1	0	1	0	0	0	0	0	0	0	0	26
22:00 - 22:59	0	15	0	0	1	0	0	0	0	0	0	0	0	16
23:00 - 23:59	0	13	0	0	0	0	0	0	0	0	0	0	0	13
Totals	6	712	92	12	70	6	0	0	0	0	0	0	0	898
Percent of Total	0.7	79.3	10.2	1.3	7.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.6	74.4	12.3	1.3	10.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.7	81.9	9.2	1.4	6.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

#### Truck Summary:

Total Trucks: 88

% Trucks: 9.8

AM % Trucks: 12.7

PM % Trucks: 8.3

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: Thursday, 05/08/2025  
Unit ID: 3624 Welcome Ave N  
Location: 3624 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
01:00 - 01:59	0	4	0	0	1	0	0	0	0	0	0	0	0	5
02:00 - 02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 - 03:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00 - 04:59	0	6	0	0	1	0	0	0	0	0	0	0	0	7
05:00 - 05:59	0	15	4	0	0	0	0	0	0	0	0	0	0	19
06:00 - 06:59	0	22	0	0	1	0	0	0	0	0	0	0	0	23
07:00 - 07:59	0	78	11	0	5	0	0	0	0	0	0	0	0	94
08:00 - 08:59	0	36	7	2	0	0	0	0	0	0	0	0	0	45
09:00 - 09:59	0	31	7	0	3	0	0	0	0	0	0	0	0	41
10:00 - 10:59	0	26	1	1	2	0	0	0	0	0	0	0	0	30
11:00 - 11:59	0	26	1	0	3	0	0	1	0	0	0	0	0	31
12:00 - 12:59	0	37	4	0	6	0	0	0	0	0	0	0	0	47
13:00 - 13:59	0	21	3	0	6	0	0	0	0	0	0	0	0	30
14:00 - 14:59	0	54	11	0	2	0	0	0	0	0	0	0	0	67
15:00 - 15:59	0	89	8	2	4	1	0	0	0	0	0	0	0	104
16:00 - 16:59	0	72	5	0	2	0	0	0	0	0	0	0	0	79
17:00 - 17:59	0	44	6	0	5	0	0	0	0	0	0	0	0	55
18:00 - 18:59	0	54	7	0	3	0	0	0	0	0	0	0	0	64
19:00 - 19:59	0	37	4	0	4	1	0	0	0	0	0	0	0	46
20:00 - 20:59	0	29	0	0	3	0	0	0	0	0	0	0	0	32
21:00 - 21:59	0	22	1	0	1	0	0	0	0	0	0	0	0	24
22:00 - 22:59	0	16	1	0	1	0	0	0	0	0	0	0	0	18
23:00 - 23:59	0	15	1	0	1	0	0	0	0	0	0	0	0	17
Totals	0	739	82	5	54	2	0	1	0	0	0	0	0	883
Percent of Total	0.0	83.7	9.3	0.6	6.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	83.0	10.3	1.0	5.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.0	84.0	8.7	0.3	6.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 62

% Trucks: 7.0

AM % Trucks: 6.7

PM % Trucks: 7.2

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 Total Classes Report

Study Date: Friday, 05/09/2025  
Unit ID: 3624 Welcome Ave N  
Location: 3624 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	1	3	0	0	0	0	0	0	0	0	0	0	0	4
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	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	2	0	0	1	0	0	0	0	0	0	0	0	3
05:00 - 05:59	0	14	2	0	0	1	0	0	0	0	0	0	0	17
06:00 - 06:59	0	19	0	0	1	0	0	0	0	0	0	0	0	20
07:00 - 07:59	0	72	14	0	6	0	0	0	0	0	0	0	0	92
08:00 - 08:59	0	52	10	2	4	0	0	0	0	0	0	0	0	68
09:00 - 09:59	0	27	5	0	6	0	0	0	0	0	0	0	0	38
10:00 - 10:59	0	36	3	1	5	0	0	0	0	0	0	0	0	45
11:00 - 11:59	0	30	0	0	4	0	0	0	0	0	0	0	0	34
12:00 - 12:59	0	31	4	2	5	0	0	0	0	0	0	0	0	42
13:00 - 13:59	1	35	2	0	7	0	0	0	0	0	0	0	0	45
14:00 - 14:59	0	46	5	0	4	0	0	0	0	0	0	0	0	55
15:00 - 15:59	0	95	5	3	5	0	0	0	0	0	0	0	0	108
16:00 - 16:59	0	50	6	0	1	0	0	0	0	0	0	0	0	57
17:00 - 17:59	0	57	8	0	2	0	0	0	0	0	0	0	0	67
18:00 - 18:59	1	42	5	0	4	0	0	0	0	0	0	0	0	52
19:00 - 19:59	0	41	1	0	1	0	1	0	0	0	0	0	0	44
20:00 - 20:59	2	32	3	0	3	0	0	0	0	0	0	0	0	40
21:00 - 21:59	0	37	2	0	1	0	0	0	0	0	0	0	0	40
22:00 - 22:59	0	15	6	0	1	0	0	0	0	0	0	0	0	22
23:00 - 23:59	0	11	2	0	2	0	0	0	0	0	0	0	0	15
Totals	5	749	83	8	63	1	1	0	0	0	0	0	0	910
Percent of Total	0.5	82.3	9.1	0.9	6.9	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.3	79.6	10.5	0.9	8.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.7	83.8	8.3	0.9	6.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100

Truck Summary:

Total Trucks: 73

% Trucks: 8.0

AM % Trucks: 9.6

PM % Trucks: 7.2

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 Total Classes Report

Study Date: Saturday, 05/10/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	16	0	0	0	0	0	0	0	0	0	0	0	16
01:00 - 01:59	0	7	0	0	0	0	0	0	0	0	0	0	0	7
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	2	0	0	0	0	0	0	0	0	0	0	0	2
05:00 - 05:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
06:00 - 06:59	0	2	0	0	1	0	0	0	0	0	0	0	0	3
07:00 - 07:59	0	17	0	0	1	0	0	0	0	0	0	0	0	18
08:00 - 08:59	0	27	3	0	3	0	0	0	0	0	0	0	0	33
09:00 - 09:59	0	21	3	0	2	0	1	0	0	0	0	0	0	27
10:00 - 10:59	0	38	2	0	4	0	0	0	0	0	0	0	0	44
11:00 - 11:59	1	36	6	0	0	0	0	0	0	0	0	0	0	43
12:00 - 12:59	0	40	9	0	3	0	0	0	0	0	0	0	0	52
13:00 - 13:59	1	41	3	0	2	0	0	0	0	0	0	0	0	47
14:00 - 14:59	0	43	4	0	4	0	0	0	0	0	0	0	0	51
15:00 - 15:59	2	39	2	0	9	0	0	0	0	0	0	0	0	52
16:00 - 16:59	0	28	6	0	2	0	1	0	0	0	0	0	0	37
17:00 - 17:59	0	51	1	0	2	0	0	0	0	0	0	0	0	54
18:00 - 18:59	0	55	5	0	2	0	0	1	0	0	0	0	0	63
19:00 - 19:59	0	44	5	0	3	0	0	0	0	0	0	0	0	52
20:00 - 20:59	0	16	1	0	1	0	0	0	0	0	0	0	0	18
21:00 - 21:59	0	32	3	0	2	0	0	0	0	0	0	0	0	37
22:00 - 22:59	0	13	0	0	0	0	0	0	0	0	0	0	0	13
23:00 - 23:59	1	10	2	0	2	0	0	0	0	0	0	0	0	15
Totals	5	583	55	0	43	0	2	1	0	0	0	0	0	689
Percent of Total	0.7	84.6	8.0	0.0	6.2	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.5	86.4	7.1	0.0	5.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.8	83.9	8.4	0.0	6.5	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	100

**Truck Summary:**

Total Trucks: 46

% Trucks: 6.7

AM % Trucks: 6.1

PM % Trucks: 6.9

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: Sunday, 05/11/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	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	7	0	0	0	0	0	0	0	0	0	0	0	7
03:00 - 03:59	0	4	0	0	0	0	0	0	0	0	0	0	0	4
04:00 - 04:59	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00 - 05:59	0	3	3	0	0	0	0	0	0	0	0	0	0	6
06:00 - 06:59	0	6	0	0	1	0	0	0	0	0	0	0	0	7
07:00 - 07:59	0	9	2	0	0	0	0	0	0	0	0	0	0	11
08:00 - 08:59	0	15	2	0	1	0	0	0	0	0	0	0	0	18
09:00 - 09:59	0	36	4	0	2	0	0	0	0	0	0	0	0	42
10:00 - 10:59	1	36	0	0	3	0	0	0	0	0	0	0	0	40
11:00 - 11:59	0	61	2	0	1	1	0	0	0	0	0	0	0	65
12:00 - 12:59	1	39	3	0	0	0	0	0	0	0	0	0	0	43
13:00 - 13:59	1	42	3	0	4	0	0	0	0	0	0	0	0	50
14:00 - 14:59	0	46	1	0	2	0	0	0	0	0	0	0	0	49
15:00 - 15:59	2	43	2	0	4	0	0	0	0	0	0	0	0	51
16:00 - 16:59	0	27	3	0	3	0	0	0	0	0	0	0	0	33
17:00 - 17:59	0	52	4	0	3	0	0	0	0	0	0	0	0	59
18:00 - 18:59	0	30	3	0	2	0	1	0	0	0	0	0	0	36
19:00 - 19:59	3	24	2	0	4	0	0	0	0	0	0	0	0	33
20:00 - 20:59	0	19	9	0	5	0	0	0	0	0	0	0	0	33
21:00 - 21:59	0	20	2	0	1	0	0	0	0	0	0	0	0	23
22:00 - 22:59	1	11	1	0	1	0	0	0	0	0	0	0	0	14
23:00 - 23:59	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Totals	9	544	46	0	38	1	1	0	0	0	0	0	0	639
Percent of Total	1.4	85.1	7.2	0.0	5.9	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.5	88.6	6.2	0.0	4.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	1.9	83.4	7.7	0.0	6.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100

#### Truck Summary:

Total Trucks: 40

% Trucks: 6.3

AM % Trucks: 4.8

PM % Trucks: 7.0

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: Monday, 05/12/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	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	1	0	0	1	0	0	0	0	0	0	0	0	2
04:00 - 04:59	0	5	0	0	2	0	0	0	0	0	0	0	0	7
05:00 - 05:59	0	12	2	0	0	0	0	0	0	0	0	0	0	14
06:00 - 06:59	0	20	1	0	1	0	0	0	0	0	0	0	0	22
07:00 - 07:59	0	65	15	0	5	2	0	0	0	0	0	0	0	87
08:00 - 08:59	0	41	13	2	2	6	0	0	0	0	0	0	0	64
09:00 - 09:59	0	23	6	0	1	5	0	0	0	0	0	0	0	35
10:00 - 10:59	1	26	6	1	2	3	0	0	0	0	0	0	0	39
11:00 - 11:59	0	20	3	1	4	2	0	0	0	0	0	0	0	30
12:00 - 12:59	0	34	3	0	7	0	0	0	0	0	0	0	0	44
13:00 - 13:59	0	27	4	0	5	0	0	0	0	0	0	0	0	36
14:00 - 14:59	0	40	8	1	3	0	0	0	0	0	0	0	0	52
15:00 - 15:59	0	85	8	1	2	1	0	0	0	0	0	0	0	97
16:00 - 16:59	0	62	1	0	4	0	0	1	0	0	0	0	0	68
17:00 - 17:59	0	51	5	0	3	0	0	0	0	0	0	0	0	59
18:00 - 18:59	0	46	6	0	4	0	0	0	0	0	0	0	0	56
19:00 - 19:59	0	35	2	0	1	0	0	0	0	0	0	0	0	38
20:00 - 20:59	0	33	1	0	1	0	0	0	0	0	0	0	0	35
21:00 - 21:59	0	31	2	0	1	0	0	0	0	0	0	0	0	34
22:00 - 22:59	0	9	0	0	1	0	0	0	0	0	0	0	0	10
23:00 - 23:59	1	6	0	0	0	0	0	0	0	0	0	0	0	7
Totals	2	675	86	6	50	19	0	1	0	0	0	0	0	839
Percent of Total	0.2	80.5	10.3	0.7	6.0	2.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.3	71.3	15.2	1.3	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	0.2	85.6	7.5	0.4	6.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	100

#### Truck Summary:

Total Trucks: 76

% Trucks: 9.1

AM % Trucks: 13.2

PM % Trucks: 6.7

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: Tuesday, 05/13/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 Welcome Ave N

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	Total
00:00 - 00:59	0	3	2	0	1	0	0	0	0	0	0	0	0	6
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	0	0	0	0	0	0	0	0	0	0	0	0
04:00 - 04:59	0	5	0	0	1	0	0	0	0	0	0	0	0	6
05:00 - 05:59	0	9	2	0	0	0	0	0	0	0	0	0	0	11
06:00 - 06:59	0	18	0	0	1	1	0	0	0	0	0	0	0	20
07:00 - 07:59	0	88	9	0	5	0	0	0	0	0	0	0	0	102
08:00 - 08:59	0	32	8	0	2	0	0	0	0	0	0	0	0	42
09:00 - 09:59	0	25	8	0	1	0	0	0	0	0	0	0	0	34
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0	183	30	0	11	1	0	0	0	0	0	0	0	225
Percent of Total	0.0	81.3	13.3	0.0	4.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of AM	0.0	81.3	13.3	0.0	4.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
Percent of PM	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

Truck Summary:

Total Trucks: 12

% Trucks: 5.3

AM % Trucks: 5.3

PM % Trucks: 0.0

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 Speeds (MPH)

Study Date: Tuesday, 05/06/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
10:00 - 10:59	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	6	24.2	28.7
11:00 - 11:59	0	0	11	6	4	1	0	0	0	0	0	0	0	0	0	22	27.3	32.5
12:00 - 12:59	1	1	5	8	3	2	0	0	0	0	0	0	0	0	0	20	27.5	33.5
13:00 - 13:59	1	2	3	10	5	0	0	0	0	0	0	0	0	0	0	21	27.1	32.3
14:00 - 14:59	2	4	9	14	4	3	0	0	0	0	0	0	0	0	0	36	26.5	32.4
15:00 - 15:59	6	5	24	13	7	0	0	0	0	0	0	0	0	0	0	55	24.1	30.3
16:00 - 16:59	1	2	8	25	9	2	0	0	0	0	0	0	0	0	0	47	28.2	32.9
17:00 - 17:59	0	2	14	15	6	0	0	0	0	0	0	0	0	0	0	37	26.9	31.0
18:00 - 18:59	1	0	10	23	9	0	0	0	0	0	0	0	0	0	0	43	27.9	32.1
19:00 - 19:59	0	1	7	12	6	1	0	0	0	0	0	0	0	0	0	27	28.3	33.0
20:00 - 20:59	0	3	10	11	3	0	0	0	0	0	0	0	0	0	0	27	26.0	30.3
21:00 - 21:59	0	1	6	12	3	0	0	0	1	0	0	0	0	0	0	23	28.4	31.1
22:00 - 22:59	0	1	1	8	2	0	0	0	0	0	0	0	0	0	0	12	28.0	30.3
23:00 - 23:59	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	5	25.2	29.8
<b>Totals</b>	<b>12</b>	<b>25</b>	<b>111</b>	<b>161</b>	<b>62</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>381</b>		
<b>Percent of Total</b>	<b>3.1</b>	<b>6.6</b>	<b>29.1</b>	<b>42.3</b>	<b>16.3</b>	<b>2.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of AM</b>	<b>0.0</b>	<b>7.1</b>	<b>42.9</b>	<b>32.1</b>	<b>14.3</b>	<b>3.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of PM</b>	<b>3.4</b>	<b>6.5</b>	<b>28.0</b>	<b>43.1</b>	<b>16.4</b>	<b>2.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		

Standard Deviation:	5.7 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	32.2 MPH
Mean Speed:	26.9 MPH	Percent in Ten Mile Pace:	71.4%	15th Percentile:	21.9 MPH
Median Speed:	27.3 MPH			90th Percentile:	33.7 MPH
Modal Speed:	28.5 MPH			95th Percentile:	35.2 MPH

## City of Crystal

### Daily Northbound Speeds (MPH)

Study Date: Wednesday, 05/07/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	0	0	0	0	0	0	0	0	0	0	1	33.0	32.8
01:00 - 01:59	1	0	1	3	1	0	0	0	0	0	0	0	0	0	0	6	25.2	29.0
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	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
04:00 - 04:59	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	30.0	31.3
05:00 - 05:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
06:00 - 06:59	0	2	5	5	0	0	0	0	0	0	0	0	0	0	0	12	24.7	28.7
07:00 - 07:59	0	4	23	11	5	0	0	0	0	0	0	0	0	0	0	43	25.4	30.1
08:00 - 08:59	3	5	8	6	1	0	0	0	0	0	0	0	0	0	0	23	22.4	28.5
09:00 - 09:59	1	2	4	6	2	0	0	0	0	0	0	0	0	0	0	15	25.3	30.4
10:00 - 10:59	1	2	9	4	1	0	0	0	0	0	0	0	0	0	0	17	23.8	28.4
11:00 - 11:59	0	1	14	5	2	0	0	0	0	0	0	0	0	0	0	22	25.3	29.2
12:00 - 12:59	2	2	5	3	1	1	0	0	0	0	0	0	0	0	0	14	23.6	30.0
13:00 - 13:59	1	6	9	6	3	0	0	0	0	0	0	0	0	0	0	25	24.1	30.0
14:00 - 14:59	2	6	16	15	2	0	0	0	0	0	0	0	0	0	0	41	24.4	29.5
15:00 - 15:59	1	5	20	14	7	3	0	0	0	0	0	0	0	0	0	50	26.4	32.4
16:00 - 16:59	0	3	5	29	9	2	0	0	0	0	0	0	0	0	0	48	28.7	32.8
17:00 - 17:59	0	2	13	27	10	0	1	0	0	0	0	0	0	0	0	53	28.1	32.3
18:00 - 18:59	0	2	12	23	6	0	0	0	0	0	0	0	0	0	0	43	27.3	30.8
19:00 - 19:59	0	1	9	12	5	0	0	0	0	0	0	0	0	0	0	27	27.3	31.5
20:00 - 20:59	0	3	6	14	7	0	0	0	0	0	0	0	0	0	0	30	27.6	32.4
21:00 - 21:59	0	0	2	11	2	0	0	0	0	0	0	0	0	0	0	15	28.5	30.7
22:00 - 22:59	0	1	5	2	2	1	0	0	0	0	0	0	0	0	0	11	27.0	33.1
23:00 - 23:59	0	1	4	2	1	1	0	0	0	0	0	0	0	0	0	9	26.7	31.8
Totals	12	48	171	201	69	8	1	0	0	0	0	0	0	0	0	510		
Percent of Total	2.4	9.4	33.5	39.4	13.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	4.2	11.1	45.1	29.9	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	1.6	8.7	29.0	43.2	15.0	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation: 5.3 MPH

Ten Mile Pace: 21 to 30 MPH

85th Percentile: 31.1 MPH

Mean Speed: 26.3 MPH

Percent in Ten Mile Pace: 72.9%

Median Speed: 26.6 MPH

15th Percentile: 21.5 MPH

Modal Speed: 28.5 MPH

90th Percentile: 32.9 MPH

95th Percentile: 34.8 MPH

## City of Crystal

### Daily Northbound Speeds (MPH)

Study Date: Thursday, 05/08/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	1	0	0	0	0	0	0	0	0	0	0	0	3	18.7	26.3
01:00 - 01:59	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	26.7	28.6
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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10.0	8.9
04:00 - 04:59	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	28.5	29.0
05:00 - 05:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
06:00 - 06:59	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	6	29.2	29.0
07:00 - 07:59	0	3	27	14	3	1	0	0	0	0	0	0	0	0	0	48	25.5	29.7
08:00 - 08:59	0	0	3	8	6	0	0	0	0	0	0	0	0	0	0	17	29.4	33.5
09:00 - 09:59	1	0	4	8	4	0	0	0	0	0	0	0	0	0	0	17	27.4	32.2
10:00 - 10:59	0	0	2	6	5	1	0	0	0	0	0	0	0	0	0	14	30.2	34.4
11:00 - 11:59	0	1	3	5	3	2	0	0	0	0	0	0	0	0	0	14	29.1	35.0
12:00 - 12:59	0	2	2	5	9	3	1	0	0	0	0	0	0	0	0	22	31.1	36.3
13:00 - 13:59	1	0	5	8	6	0	0	0	0	0	0	0	0	0	0	20	27.8	33.1
14:00 - 14:59	0	2	10	21	14	1	1	0	0	0	0	0	0	0	0	49	29.0	33.9
15:00 - 15:59	6	7	16	16	10	1	0	0	0	0	0	0	0	0	0	56	24.9	32.0
16:00 - 16:59	0	3	8	26	22	2	0	0	0	0	0	0	0	0	0	61	29.5	34.3
17:00 - 17:59	0	1	7	18	8	1	0	0	0	0	0	0	0	0	0	35	28.6	33.0
18:00 - 18:59	0	0	8	16	15	1	0	0	0	0	0	0	0	0	0	40	29.6	34.2
19:00 - 19:59	0	3	6	16	2	1	0	1	0	0	0	0	0	0	0	29	27.7	30.7
20:00 - 20:59	1	0	4	13	1	0	0	0	0	0	0	0	0	0	0	19	26.7	30.1
21:00 - 21:59	0	2	4	4	5	0	0	0	1	0	0	0	0	0	0	16	29.1	34.1
22:00 - 22:59	0	0	6	6	2	1	0	0	0	0	0	0	0	0	0	15	27.8	31.6
23:00 - 23:59	0	1	2	8	1	0	0	0	0	0	0	0	0	0	0	12	27.2	30.2
<b>Totals</b>	<b>11</b>	<b>26</b>	<b>118</b>	<b>209</b>	<b>117</b>	<b>15</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>		
<b>Percent of Total</b>	<b>2.2</b>	<b>5.2</b>	<b>23.6</b>	<b>41.8</b>	<b>23.4</b>	<b>3.0</b>	<b>0.4</b>	<b>0.2</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of AM</b>	<b>2.4</b>	<b>4.0</b>	<b>31.7</b>	<b>41.3</b>	<b>17.5</b>	<b>3.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of PM</b>	<b>2.1</b>	<b>5.6</b>	<b>20.9</b>	<b>42.0</b>	<b>25.4</b>	<b>2.9</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		

Standard Deviation: 5.7 MPH

Ten Mile Pace: 21 to 30 MPH

85th Percentile: 33.6 MPH

Mean Speed: 28.0 MPH

Percent in Ten Mile Pace: 65.4%

Median Speed: 28.3 MPH

15th Percentile: 22.6 MPH

Modal Speed: 28.5 MPH

90th Percentile: 34.7 MPH

95th Percentile: 35.7 MPH

## City of Crystal

### Daily Northbound Speeds (MPH)

Study Date: Friday, 05/09/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	2	1	0	0	0	0	0	0	0	0	0	0	4	25.0	30.5
01:00 - 01:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
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	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	2	1	0	0	0	0	0	0	0	0	0	0	0	3	25.0	26.3
06:00 - 06:59	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	5	25.2	29.8
07:00 - 07:59	0	1	27	20	9	1	0	0	0	0	0	0	0	0	0	58	26.9	31.4
08:00 - 08:59	1	1	3	5	10	2	0	0	0	0	0	0	0	0	0	22	29.6	35.1
09:00 - 09:59	0	0	2	11	5	1	0	0	0	0	0	0	0	0	0	19	29.7	33.7
10:00 - 10:59	1	2	3	13	3	1	0	0	0	0	0	0	0	0	0	23	27.2	31.1
11:00 - 11:59	0	1	3	10	7	2	0	0	0	0	0	0	0	0	0	23	29.7	34.6
12:00 - 12:59	0	0	5	11	5	3	0	0	0	0	0	0	0	0	0	24	29.7	34.9
13:00 - 13:59	0	0	2	13	6	1	0	0	0	0	0	0	0	0	0	22	29.8	33.7
14:00 - 14:59	1	2	10	16	11	4	0	0	0	0	0	0	0	0	0	44	28.6	34.6
15:00 - 15:59	9	8	14	20	9	3	0	0	0	0	0	0	0	0	0	63	24.7	32.1
16:00 - 16:59	0	2	5	17	8	2	0	0	0	0	0	0	0	0	0	34	28.9	33.8
17:00 - 17:59	2	1	14	20	5	2	0	0	0	0	0	0	0	0	0	44	26.9	30.9
18:00 - 18:59	0	0	7	18	6	2	0	0	0	0	0	0	0	0	0	33	28.9	33.1
19:00 - 19:59	4	3	7	8	5	2	0	0	0	0	0	0	0	0	0	29	25.3	33.2
20:00 - 20:59	3	1	10	14	2	0	0	0	0	0	0	0	0	0	0	30	25.0	29.9
21:00 - 21:59	0	2	8	9	4	4	0	0	0	0	0	0	0	0	0	27	28.5	35.3
22:00 - 22:59	0	0	1	9	1	3	0	0	0	0	0	0	0	0	0	14	30.5	36.7
23:00 - 23:59	0	0	2	6	3	1	0	0	0	0	0	0	0	0	0	12	29.7	33.8
Totals	22	25	128	225	101	34	0	0	0	0	0	0	0	0	0	535		
Percent of Total	4.1	4.7	23.9	42.1	18.9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	1.9	3.8	27.0	40.3	22.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	5.1	5.1	22.6	42.8	17.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	6.1 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	33.7 MPH
Mean Speed:	27.7 MPH	Percent in Ten Mile Pace:	66.0%	15th Percentile:	22.3 MPH
Median Speed:	28.0 MPH			90th Percentile:	35.0 MPH
Modal Speed:	28.5 MPH			95th Percentile:	37.0 MPH

## City of Crystal

### Daily Northbound Speeds (MPH)

Study Date: Saturday, 05/10/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	4	1	0	0	1	0	0	0	0	0	0	0	8	28.4	32.5
01:00 - 01:59	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4	28.3	30.5
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	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	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
05:00 - 05:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
06:00 - 06:59	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	28.5	29.0
07:00 - 07:59	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	5	29.4	32.9
08:00 - 08:59	0	0	1	8	1	0	0	0	0	0	0	0	0	0	0	10	28.4	30.4
09:00 - 09:59	0	0	0	6	4	0	0	0	0	0	0	0	0	0	0	10	30.5	33.5
10:00 - 10:59	0	1	2	6	7	7	0	0	0	0	0	0	0	0	0	23	32.1	38.2
11:00 - 11:59	1	0	2	9	5	3	0	0	0	0	0	0	0	0	0	20	29.8	35.5
12:00 - 12:59	0	2	4	9	16	1	0	1	0	0	0	0	0	0	0	33	30.5	34.9
13:00 - 13:59	0	1	6	9	8	1	0	0	0	0	0	0	0	0	0	25	28.8	34.0
14:00 - 14:59	0	0	11	11	8	2	0	0	0	0	0	0	0	0	0	32	28.6	33.9
15:00 - 15:59	0	3	6	22	3	0	0	0	0	0	0	0	0	0	0	34	27.1	30.4
16:00 - 16:59	0	1	6	13	4	1	0	0	0	0	0	0	0	0	0	25	28.0	31.9
17:00 - 17:59	1	1	8	15	5	0	0	0	0	0	0	0	0	0	0	30	27.0	31.0
18:00 - 18:59	2	0	6	16	6	4	0	0	0	0	0	0	0	0	0	34	28.6	34.7
19:00 - 19:59	1	1	9	18	4	1	0	0	0	0	0	0	0	0	0	34	27.2	30.8
20:00 - 20:59	0	0	4	6	1	0	0	0	0	0	0	0	0	0	0	11	27.1	30.0
21:00 - 21:59	1	1	5	11	7	0	0	0	0	0	0	0	0	0	0	25	27.7	33.0
22:00 - 22:59	1	1	2	7	1	0	0	0	0	0	0	0	0	0	0	12	25.6	30.1
23:00 - 23:59	0	2	3	3	2	0	0	0	0	0	0	0	0	0	0	10	25.9	31.0
Totals	8	14	78	182	86	20	0	2	0	0	0	0	0	0	0	390		
Percent of Total	2.1	3.6	20.0	46.7	22.1	5.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	2.4	1.2	9.4	49.4	24.7	11.8	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	2.0	4.3	23.0	45.9	21.3	3.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	5.5 MPH	Ten Mile Pace:	26 to 35 MPH	85th Percentile:	33.8 MPH
Mean Speed:	28.5 MPH	Percent in Ten Mile Pace:	68.7%	15th Percentile:	23.3 MPH
Median Speed:	28.6 MPH			90th Percentile:	35.0 MPH
Modal Speed:	28.5 MPH			95th Percentile:	36.5 MPH

## City of Crystal

### Daily Northbound Speeds (MPH)

Study Date: Sunday, 05/11/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
01:00 - 01:59	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4	26.0	28.3
02:00 - 02:59	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5	24.4	24.8
03:00 - 03:59	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3	26.7	31.3
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	1	1	1	0	0	0	0	0	0	0	0	0	0	3	28.0	31.3
06:00 - 06:59	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	33.0	37.0
07:00 - 07:59	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	28.0	32.0
08:00 - 08:59	0	1	1	3	2	0	0	0	0	0	0	0	0	0	0	7	27.6	32.1
09:00 - 09:59	0	0	9	13	5	0	0	0	0	0	0	0	0	0	0	27	27.7	31.5
10:00 - 10:59	1	0	7	8	9	0	0	0	0	0	0	0	0	0	0	25	28.1	33.6
11:00 - 11:59	0	0	1	10	2	2	0	0	0	0	0	0	0	0	0	15	30.1	34.1
12:00 - 12:59	0	0	0	13	7	1	0	0	0	0	0	0	0	0	0	21	30.6	34.1
13:00 - 13:59	0	0	5	8	14	0	1	0	0	0	0	0	0	0	0	28	30.6	34.7
14:00 - 14:59	0	3	7	11	5	0	0	0	0	0	0	0	0	0	0	26	26.9	31.6
15:00 - 15:59	1	0	6	11	5	1	0	0	0	0	0	0	0	0	0	24	27.9	32.9
16:00 - 16:59	1	0	4	11	7	1	2	0	0	0	0	0	0	0	0	26	29.8	35.0
17:00 - 17:59	0	3	8	21	10	1	1	0	0	0	0	0	0	0	0	44	28.6	33.5
18:00 - 18:59	0	2	1	10	9	0	0	0	0	0	0	0	0	0	0	22	29.4	33.9
19:00 - 19:59	0	4	2	7	3	1	0	0	0	0	0	0	0	0	0	17	26.9	32.6
20:00 - 20:59	0	1	9	10	0	0	0	0	0	0	0	0	0	0	0	20	25.7	29.3
21:00 - 21:59	0	0	2	7	5	0	0	0	0	0	0	0	0	0	0	14	29.5	33.4
22:00 - 22:59	0	1	2	5	2	1	0	0	0	0	0	0	0	0	0	11	28.4	33.1
23:00 - 23:59	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	25.5	27.0
Totals	3	15	75	155	88	9	4	0	0	0	0	0	0	0	0	349		
Percent of Total	0.9	4.3	21.5	44.4	25.2	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	1.1	1.1	29.8	42.6	22.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	0.8	5.5	18.4	45.1	26.3	2.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	5.1 MPH	Ten Mile Pace:	26 to 35 MPH	85th Percentile:	33.7 MPH
Mean Speed:	28.5 MPH	Percent in Ten Mile Pace:	69.6%	15th Percentile:	23.3 MPH
Median Speed:	28.6 MPH			90th Percentile:	34.7 MPH
Modal Speed:	28.5 MPH			95th Percentile:	35.7 MPH

## City of Crystal

### Daily Northbound Speeds (MPH)

Study Date: Monday, 05/12/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
01:00 - 01:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	33.0	32.8
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	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
06:00 - 06:59	0	1	3	0	1	0	0	0	0	0	0	0	0	0	0	5	24.2	29.8
07:00 - 07:59	0	4	24	13	7	0	0	0	0	0	0	0	0	0	0	48	25.9	30.7
08:00 - 08:59	1	2	7	8	8	2	0	0	0	0	0	0	0	0	0	28	28.0	34.3
09:00 - 09:59	0	1	5	4	4	0	0	0	0	0	0	0	0	0	0	14	27.4	32.8
10:00 - 10:59	1	0	9	5	2	0	0	0	0	0	0	0	0	0	0	17	25.3	30.0
11:00 - 11:59	0	2	2	7	4	2	0	0	0	0	0	0	0	0	0	17	29.1	34.7
12:00 - 12:59	0	2	5	9	8	0	0	0	0	0	0	0	0	0	0	24	28.3	33.4
13:00 - 13:59	1	1	5	7	5	1	0	0	0	0	0	0	0	0	0	20	27.5	33.5
14:00 - 14:59	2	2	13	15	7	0	1	0	0	0	0	0	0	0	0	40	26.7	32.1
15:00 - 15:59	5	11	16	19	4	0	0	0	0	0	0	0	0	0	0	55	23.7	29.8
16:00 - 16:59	2	1	7	19	9	2	0	0	0	0	0	0	0	0	0	40	28.0	33.5
17:00 - 17:59	0	0	2	25	11	0	0	0	0	0	0	0	0	0	0	38	29.7	33.2
18:00 - 18:59	0	1	5	23	5	0	0	0	0	0	0	0	0	0	0	34	28.1	30.9
19:00 - 19:59	1	1	7	5	9	1	0	0	0	0	0	0	0	0	0	24	28.0	34.3
20:00 - 20:59	0	0	6	11	5	2	0	0	0	0	0	0	0	0	0	24	29.1	33.9
21:00 - 21:59	2	0	4	10	4	2	0	0	0	0	0	0	0	0	0	22	27.8	33.8
22:00 - 22:59	0	1	2	5	1	0	0	0	0	0	0	0	0	0	0	9	26.7	30.1
23:00 - 23:59	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	5	29.4	32.9
<b>Totals</b>	<b>15</b>	<b>30</b>	<b>126</b>	<b>189</b>	<b>97</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>470</b>		
<b>Percent of Total</b>	<b>3.2</b>	<b>6.4</b>	<b>26.8</b>	<b>40.2</b>	<b>20.6</b>	<b>2.6</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of AM</b>	<b>1.5</b>	<b>7.4</b>	<b>39.3</b>	<b>28.9</b>	<b>20.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of PM</b>	<b>3.9</b>	<b>6.0</b>	<b>21.8</b>	<b>44.8</b>	<b>20.9</b>	<b>2.4</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		

Standard Deviation:	5.7 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	33.0 MPH
Mean Speed:	27.3 MPH	Percent in Ten Mile Pace:	67.0%	15th Percentile:	22.0 MPH
Median Speed:	27.7 MPH			90th Percentile:	34.2 MPH
Modal Speed:	28.5 MPH			95th Percentile:	35.4 MPH

## City of Crystal Daily Northbound Speeds (MPH)

Study Date: Tuesday, 05/13/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	1	0	0	0	0	0	0	0	0	0	0	0	2	19.0	27.0
01:00 - 01:59	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	33.3	34.4
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	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
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	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	4	26.3	33.3
07:00 - 07:59	0	1	25	18	8	0	0	0	0	0	0	0	0	0	0	52	26.7	30.8
08:00 - 08:59	2	0	3	7	1	0	0	0	0	0	0	0	0	0	0	13	24.8	30.0
09:00 - 09:59	0	0	6	7	0	0	0	0	0	0	0	0	0	0	0	13	26.2	29.3
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b>	<b>4</b>	<b>1</b>	<b>34</b>	<b>35</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>88</b>		
<b>Percent of Total</b>	<b>4.5</b>	<b>1.1</b>	<b>38.6</b>	<b>39.8</b>	<b>15.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of AM</b>	<b>4.5</b>	<b>1.1</b>	<b>38.6</b>	<b>39.8</b>	<b>15.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of PM</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		

Standard Deviation:	5.3 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	31.1 MPH
Mean Speed:	26.4 MPH	Percent in Ten Mile Pace:	78.4%	15th Percentile:	22.1 MPH
Median Speed:	26.6 MPH			90th Percentile:	32.7 MPH
Modal Speed:	28.5 MPH			95th Percentile:	34.3 MPH



## City of Crystal Daily Southbound Speeds (MPH)

Study Date: Tuesday, 05/06/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
10:00 - 10:59	0	2	1	2	2	0	0	0	0	0	0	0	0	0	0	7	26.3	32.1
11:00 - 11:59	0	0	4	6	5	4	0	0	0	0	0	0	0	0	0	19	30.8	36.8
12:00 - 12:59	0	2	3	5	5	0	0	0	0	0	0	0	0	0	0	15	27.7	33.3
13:00 - 13:59	0	0	3	4	1	0	0	0	0	0	0	0	0	0	0	8	27.1	30.1
14:00 - 14:59	1	0	5	6	5	0	0	0	0	0	0	0	0	0	0	17	27.4	33.0
15:00 - 15:59	4	1	13	14	9	0	0	0	0	0	0	0	0	0	0	41	26.0	32.3
16:00 - 16:59	0	3	9	7	8	1	0	0	0	0	0	0	0	0	0	28	27.5	33.7
17:00 - 17:59	1	0	6	12	4	0	0	0	0	0	0	0	0	0	0	23	27.3	31.1
18:00 - 18:59	0	0	3	9	1	2	0	0	0	0	0	0	0	0	0	15	29.1	32.3
19:00 - 19:59	0	0	8	4	1	0	0	0	0	0	0	0	0	0	0	13	25.8	29.2
20:00 - 20:59	0	0	4	5	1	0	0	0	0	0	0	0	0	0	0	10	26.9	30.0
21:00 - 21:59	0	0	1	7	1	0	1	0	0	0	0	0	0	0	0	10	29.8	31.0
22:00 - 22:59	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	30.5	32.0
23:00 - 23:59	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	5	32.4	34.4
<b>Totals</b>	<b>6</b>	<b>8</b>	<b>60</b>	<b>83</b>	<b>48</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>213</b>		
<b>Percent of Total</b>	<b>2.8</b>	<b>3.8</b>	<b>28.2</b>	<b>39.0</b>	<b>22.5</b>	<b>3.3</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of AM</b>	<b>0.0</b>	<b>7.7</b>	<b>19.2</b>	<b>30.8</b>	<b>26.9</b>	<b>15.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of PM</b>	<b>3.2</b>	<b>3.2</b>	<b>29.4</b>	<b>40.1</b>	<b>21.9</b>	<b>1.6</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		

Standard Deviation:	5.6 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	33.5 MPH
Mean Speed:	27.7 MPH	Percent in Ten Mile Pace:	67.1%	15th Percentile:	22.5 MPH
Median Speed:	27.9 MPH			90th Percentile:	34.6 MPH
Modal Speed:	28.5 MPH			95th Percentile:	35.7 MPH

## City of Crystal

### Daily Southbound Speeds (MPH)

Study Date: Wednesday, 05/07/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	2	0	0	0	0	0	0	0	0	0	0	0	2	28.5	29.0
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	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	2	0	0	0	0	0	0	0	0	0	0	0	2	28.5	29.0
04:00 - 04:59	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	7	25.0	32.1
05:00 - 05:59	0	0	2	7	1	2	1	0	0	0	0	0	0	0	0	13	30.7	37.4
06:00 - 06:59	0	0	3	10	4	1	0	0	0	0	0	0	0	0	0	18	29.3	33.3
07:00 - 07:59	0	2	8	22	9	1	1	0	0	0	0	0	0	0	0	43	28.7	33.3
08:00 - 08:59	0	2	12	16	4	0	0	0	0	0	0	0	0	0	0	34	26.7	30.5
09:00 - 09:59	1	2	4	9	2	1	0	0	0	0	0	0	0	0	0	19	26.4	30.1
10:00 - 10:59	0	0	5	7	3	0	0	0	0	0	0	0	0	0	0	15	27.7	31.4
11:00 - 11:59	1	3	3	2	2	0	0	0	0	0	0	0	0	0	0	11	23.5	30.6
12:00 - 12:59	0	3	2	11	5	1	0	0	0	0	0	0	0	0	0	22	28.2	33.2
13:00 - 13:59	3	0	7	5	2	0	0	0	0	0	0	0	0	0	0	17	23.8	30.0
14:00 - 14:59	0	2	8	9	2	0	0	0	0	0	0	0	0	0	0	21	26.1	30.1
15:00 - 15:59	4	4	22	10	4	0	0	0	0	0	0	0	0	0	0	44	23.9	29.5
16:00 - 16:59	0	2	2	9	4	0	0	0	0	0	0	0	0	0	0	17	27.9	32.2
17:00 - 17:59	1	1	13	6	6	0	0	0	0	0	0	0	0	0	0	27	26.1	32.2
18:00 - 18:59	1	0	8	7	4	1	0	0	0	0	0	0	0	0	0	21	27.1	32.7
19:00 - 19:59	1	0	4	7	3	0	0	0	0	0	0	0	0	0	0	15	26.9	31.4
20:00 - 20:59	0	0	5	11	4	0	0	0	0	0	0	0	0	0	0	20	28.2	31.6
21:00 - 21:59	0	0	1	7	2	1	0	0	0	0	0	0	0	0	0	11	29.7	33.1
22:00 - 22:59	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5	25.4	27.9
23:00 - 23:59	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	4	32.0	38.3
<b>Totals</b>	<b>13</b>	<b>22</b>	<b>114</b>	<b>164</b>	<b>63</b>	<b>10</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>388</b>		
<b>Percent of Total</b>	<b>3.4</b>	<b>5.7</b>	<b>29.4</b>	<b>42.3</b>	<b>16.2</b>	<b>2.6</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of AM</b>	<b>1.8</b>	<b>6.1</b>	<b>23.2</b>	<b>48.2</b>	<b>16.5</b>	<b>3.0</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of PM</b>	<b>4.5</b>	<b>5.4</b>	<b>33.9</b>	<b>37.9</b>	<b>16.1</b>	<b>2.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		

Standard Deviation:	5.6 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	32.3 MPH
Mean Speed:	27.0 MPH	Percent in Ten Mile Pace:	71.6%	15th Percentile:	22.0 MPH
Median Speed:	27.4 MPH			90th Percentile:	33.8 MPH
Modal Speed:	28.5 MPH			95th Percentile:	35.4 MPH

## City of Crystal

### Daily Southbound Speeds (MPH)

Study Date: Thursday, 05/08/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
01:00 - 01:59	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	30.5	32.0
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	1	0	0	1	2	1	0	0	0	0	0	0	0	0	0	5	28.6	34.8
05:00 - 05:59	0	0	1	8	4	3	2	0	0	0	0	0	0	0	0	18	32.6	39.0
06:00 - 06:59	0	0	0	9	7	1	0	0	0	0	0	0	0	0	0	17	31.1	34.5
07:00 - 07:59	0	1	13	21	7	4	0	0	0	0	0	0	0	0	0	46	28.5	33.6
08:00 - 08:59	0	1	3	14	9	1	0	0	0	0	0	0	0	0	0	28	29.5	33.9
09:00 - 09:59	0	3	6	7	7	1	0	0	0	0	0	0	0	0	0	24	27.8	33.8
10:00 - 10:59	0	1	1	6	6	2	0	0	0	0	0	0	0	0	0	16	30.6	35.3
11:00 - 11:59	1	0	2	4	8	1	0	0	0	0	0	0	0	0	0	16	29.8	34.8
12:00 - 12:59	0	1	2	9	13	0	0	0	0	0	0	0	0	0	0	25	30.2	34.4
13:00 - 13:59	0	0	2	6	2	0	0	0	0	0	0	0	0	0	0	10	28.5	31.0
14:00 - 14:59	0	1	2	8	5	2	0	0	0	0	0	0	0	0	0	18	29.8	34.8
15:00 - 15:59	0	4	23	11	7	1	0	0	0	0	0	0	0	0	0	46	26.1	31.4
16:00 - 16:59	1	3	2	5	4	3	0	0	0	0	0	0	0	0	0	18	27.9	35.7
17:00 - 17:59	1	0	2	7	9	1	0	0	0	0	0	0	0	0	0	20	29.8	34.6
18:00 - 18:59	0	2	5	11	5	1	0	0	0	0	0	0	0	0	0	24	28.0	32.9
19:00 - 19:59	2	1	3	9	1	1	0	0	0	0	0	0	0	0	0	17	25.6	30.4
20:00 - 20:59	0	0	7	4	2	0	0	0	0	0	0	0	0	0	0	13	26.5	29.9
21:00 - 21:59	0	1	1	5	1	0	0	0	0	0	0	0	0	0	0	8	27.0	30.3
22:00 - 22:59	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	28.3	29.4
23:00 - 23:59	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	5	27.4	29.8
<b>Totals</b>	<b>6</b>	<b>19</b>	<b>77</b>	<b>152</b>	<b>101</b>	<b>23</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>380</b>		
<b>Percent of Total</b>	<b>1.6</b>	<b>5.0</b>	<b>20.3</b>	<b>40.0</b>	<b>26.6</b>	<b>6.1</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of AM</b>	<b>1.2</b>	<b>3.5</b>	<b>15.0</b>	<b>41.6</b>	<b>29.5</b>	<b>8.1</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of PM</b>	<b>1.9</b>	<b>6.3</b>	<b>24.6</b>	<b>38.6</b>	<b>24.2</b>	<b>4.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		

Standard Deviation:	5.6 MPH	Ten Mile Pace:	26 to 35 MPH	85th Percentile:	34.4 MPH
Mean Speed:	28.7 MPH	Percent in Ten Mile Pace:	66.6%	15th Percentile:	23.0 MPH
Median Speed:	28.9 MPH			90th Percentile:	35.3 MPH
Modal Speed:	28.5 MPH			95th Percentile:	37.2 MPH

## City of Crystal Daily Southbound Speeds (MPH)

Study Date: Friday, 05/09/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	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	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	3	23.7	31.3
05:00 - 05:59	0	1	3	6	3	1	0	0	0	0	0	0	0	0	0	14	28.4	33.3
06:00 - 06:59	0	0	1	8	5	1	0	0	0	0	0	0	0	0	0	15	30.4	34.3
07:00 - 07:59	1	1	9	13	8	2	0	0	0	0	0	0	0	0	0	34	28.1	33.8
08:00 - 08:59	0	2	9	26	8	1	0	0	0	0	0	0	0	0	0	46	28.2	32.0
09:00 - 09:59	0	2	0	6	8	1	2	0	0	0	0	0	0	0	0	19	31.6	34.3
10:00 - 10:59	1	0	2	12	7	0	0	0	0	0	0	0	0	0	0	22	28.8	33.3
11:00 - 11:59	0	0	2	4	2	3	0	0	0	0	0	0	0	0	0	11	31.2	37.4
12:00 - 12:59	0	0	3	10	3	0	2	0	0	0	0	0	0	0	0	18	30.1	34.0
13:00 - 13:59	0	1	3	11	6	2	0	0	0	0	0	0	0	0	0	23	29.5	34.4
14:00 - 14:59	1	1	2	4	3	0	0	0	0	0	0	0	0	0	0	11	26.3	32.4
15:00 - 15:59	2	2	17	17	6	0	0	0	0	0	0	0	0	0	0	44	26.0	30.7
16:00 - 16:59	1	3	10	5	4	0	0	0	0	0	0	0	0	0	0	23	25.0	31.1
17:00 - 17:59	1	0	8	12	1	1	0	0	0	0	0	0	0	0	0	23	26.6	30.2
18:00 - 18:59	0	0	6	8	5	0	0	0	0	0	0	0	0	0	0	19	28.2	32.7
19:00 - 19:59	0	0	9	5	1	0	0	0	0	0	0	0	0	0	0	15	25.7	29.3
20:00 - 20:59	1	0	4	3	0	2	0	0	0	0	0	0	0	0	0	10	26.6	36.0
21:00 - 21:59	1	0	0	5	5	2	0	0	0	0	0	0	0	0	0	13	30.5	34.9
22:00 - 22:59	0	0	1	6	0	1	0	0	0	0	0	0	0	0	0	8	29.0	30.4
23:00 - 23:59	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3	29.7	36.3
<b>Totals</b>	<b>10</b>	<b>13</b>	<b>90</b>	<b>163</b>	<b>76</b>	<b>18</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>374</b>		
<b>Percent of Total</b>	<b>2.7</b>	<b>3.5</b>	<b>24.1</b>	<b>43.6</b>	<b>20.3</b>	<b>4.8</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of AM</b>	<b>1.8</b>	<b>3.7</b>	<b>15.9</b>	<b>46.3</b>	<b>25.6</b>	<b>5.5</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of PM</b>	<b>3.3</b>	<b>3.3</b>	<b>30.5</b>	<b>41.4</b>	<b>16.2</b>	<b>4.3</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		

Standard Deviation:	5.7 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	33.7 MPH
Mean Speed:	28.1 MPH	Percent in Ten Mile Pace:	67.6%	15th Percentile:	22.8 MPH
Median Speed:	28.3 MPH			90th Percentile:	35.0 MPH
Modal Speed:	28.5 MPH			95th Percentile:	36.8 MPH

## City of Crystal

### Daily Southbound Speeds (MPH)

Study Date: Saturday, 05/10/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	3	3	0	0	0	0	0	0	0	0	0	0	8	28.3	33.2
01:00 - 01:59	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3	31.7	36.3
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	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	38.0	37.8
05:00 - 05:59	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3	23.0	26.3
06:00 - 06:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
07:00 - 07:59	0	0	0	4	7	2	0	0	0	0	0	0	0	0	0	13	32.7	34.9
08:00 - 08:59	2	1	0	9	9	2	0	0	0	0	0	0	0	0	0	23	29.3	34.9
09:00 - 09:59	1	0	0	12	4	0	0	0	0	0	0	0	0	0	0	17	28.6	32.2
10:00 - 10:59	0	0	1	11	7	2	0	0	0	0	0	0	0	0	0	21	30.8	34.8
11:00 - 11:59	1	1	2	12	5	1	1	0	0	0	0	0	0	0	0	23	28.9	34.0
12:00 - 12:59	0	0	4	7	4	3	1	0	0	0	0	0	0	0	0	19	30.8	37.1
13:00 - 13:59	0	1	3	9	8	0	0	1	0	0	0	0	0	0	0	22	30.0	34.3
14:00 - 14:59	1	0	6	7	5	0	0	0	0	0	0	0	0	0	0	19	27.2	32.7
15:00 - 15:59	0	1	3	8	5	1	0	0	0	0	0	0	0	0	0	18	28.9	33.8
16:00 - 16:59	1	0	6	1	4	0	0	0	0	0	0	0	0	0	0	12	26.1	33.1
17:00 - 17:59	1	1	4	16	2	0	0	0	0	0	0	0	0	0	0	24	26.9	30.3
18:00 - 18:59	1	1	9	12	5	1	0	0	0	0	0	0	0	0	0	29	27.1	32.2
19:00 - 19:59	0	1	6	8	2	1	0	0	0	0	0	0	0	0	0	18	27.3	30.5
20:00 - 20:59	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	7	27.7	29.7
21:00 - 21:59	0	0	3	4	4	1	0	0	0	0	0	0	0	0	0	12	29.7	34.4
22:00 - 22:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
23:00 - 23:59	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	5	23.4	27.9
Totals	8	11	52	135	74	16	2	1	0	0	0	0	0	0	0	299		
Percent of Total	2.7	3.7	17.4	45.2	24.7	5.4	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	3.5	3.5	4.4	48.7	31.0	8.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	2.2	3.8	25.3	43.0	21.0	3.8	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	5.8 MPH	Ten Mile Pace:	26 to 35 MPH	85th Percentile:	34.2 MPH
Mean Speed:	28.7 MPH	Percent in Ten Mile Pace:	69.9%	15th Percentile:	23.4 MPH
Median Speed:	28.9 MPH			90th Percentile:	35.2 MPH
Modal Speed:	28.5 MPH			95th Percentile:	37.1 MPH

## City of Crystal Daily Southbound Speeds (MPH)

Study Date: Sunday, 05/11/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	2	0	0	0	0	0	0	0	0	0	0	0	2	28.5	29.0
01:00 - 01:59	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	30.5	32.0
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	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
04:00 - 04:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10.0	8.9
05:00 - 05:59	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	3	23.7	31.3
06:00 - 06:59	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	5	24.4	27.9
07:00 - 07:59	0	0	0	2	4	3	0	0	0	0	0	0	0	0	0	9	34.0	37.9
08:00 - 08:59	0	2	0	5	3	1	0	0	0	0	0	0	0	0	0	11	28.8	34.1
09:00 - 09:59	0	1	7	2	3	2	0	0	0	0	0	0	0	0	0	15	27.7	34.8
10:00 - 10:59	0	0	3	7	5	0	0	0	0	0	0	0	0	0	0	15	29.1	33.3
11:00 - 11:59	1	3	19	15	10	2	0	0	0	0	0	0	0	0	0	50	27.0	33.0
12:00 - 12:59	0	1	2	10	8	1	0	0	0	0	0	0	0	0	0	22	29.8	34.3
13:00 - 13:59	2	0	5	6	5	2	2	0	0	0	0	0	0	0	0	22	29.1	36.5
14:00 - 14:59	0	0	7	10	5	1	0	0	0	0	0	0	0	0	0	23	28.4	33.0
15:00 - 15:59	1	3	4	15	4	0	0	0	0	0	0	0	0	0	0	27	26.7	30.8
16:00 - 16:59	0	1	0	0	4	1	1	0	0	0	0	0	0	0	0	7	33.3	38.3
17:00 - 17:59	0	1	5	5	2	1	1	0	0	0	0	0	0	0	0	15	28.3	34.1
18:00 - 18:59	1	0	3	5	4	0	1	0	0	0	0	0	0	0	0	14	28.5	34.0
19:00 - 19:59	1	2	7	3	3	0	0	0	0	0	0	0	0	0	0	16	24.8	31.2
20:00 - 20:59	0	2	3	7	1	0	0	0	0	0	0	0	0	0	0	13	26.1	30.0
21:00 - 21:59	0	0	3	2	4	0	0	0	0	0	0	0	0	0	0	9	29.0	33.7
22:00 - 22:59	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	3	24.7	31.3
23:00 - 23:59	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	33.3	34.4
Totals	8	19	72	101	71	14	5	0	0	0	0	0	0	0	0	290		
Percent of Total	2.8	6.6	24.8	34.8	24.5	4.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	2.6	6.9	27.6	32.8	23.3	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	2.9	6.3	23.0	36.2	25.3	3.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	6.2 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	34.2 MPH
Mean Speed:	28.1 MPH	Percent in Ten Mile Pace:	59.7%	15th Percentile:	22.1 MPH
Median Speed:	28.3 MPH			90th Percentile:	35.3 MPH
Modal Speed:	28.5 MPH			95th Percentile:	37.4 MPH

## City of Crystal

### Daily Southbound Speeds (MPH)

Study Date: Monday, 05/12/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	0	0	0	0	0	0	0	0	0	0	1	33.0	32.8
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	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	1	1	0	0	0	0	0	0	0	0	0	0	2	30.5	32.0
04:00 - 04:59	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	4	22.5	28.3
05:00 - 05:59	0	0	1	8	2	2	0	0	0	0	0	0	0	0	0	13	30.4	34.9
06:00 - 06:59	0	0	1	7	8	1	0	0	0	0	0	0	0	0	0	17	31.1	34.7
07:00 - 07:59	0	1	8	22	6	2	0	0	0	0	0	0	0	0	0	39	28.5	32.4
08:00 - 08:59	0	2	9	14	8	3	0	0	0	0	0	0	0	0	0	36	28.6	34.2
09:00 - 09:59	1	1	10	5	2	1	0	1	0	0	0	0	0	0	0	21	26.5	31.9
10:00 - 10:59	2	3	5	7	4	1	0	0	0	0	0	0	0	0	0	22	25.6	32.5
11:00 - 11:59	0	1	2	3	6	1	0	0	0	0	0	0	0	0	0	13	29.9	34.8
12:00 - 12:59	1	0	6	10	3	0	0	0	0	0	0	0	0	0	0	20	26.8	30.8
13:00 - 13:59	0	0	2	8	5	1	0	0	0	0	0	0	0	0	0	16	30.0	34.1
14:00 - 14:59	1	0	4	4	2	1	0	0	0	0	0	0	0	0	0	12	26.9	32.8
15:00 - 15:59	0	1	17	17	6	1	0	0	0	0	0	0	0	0	0	42	27.1	31.2
16:00 - 16:59	0	1	12	11	4	0	0	0	0	0	0	0	0	0	0	28	26.7	30.7
17:00 - 17:59	1	2	1	10	5	2	0	0	0	0	0	0	0	0	0	21	28.5	34.3
18:00 - 18:59	0	0	4	14	3	1	0	0	0	0	0	0	0	0	0	22	28.7	31.3
19:00 - 19:59	0	0	6	5	3	0	0	0	0	0	0	0	0	0	0	14	27.4	31.7
20:00 - 20:59	0	1	6	3	1	0	0	0	0	0	0	0	0	0	0	11	25.2	29.1
21:00 - 21:59	0	0	6	2	3	1	0	0	0	0	0	0	0	0	0	12	28.0	33.8
22:00 - 22:59	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	23.0	22.8
23:00 - 23:59	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	30.5	32.0
Totals	7	13	102	154	74	18	0	1	0	0	0	0	0	0	0	369		
Percent of Total	1.9	3.5	27.6	41.7	20.1	4.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	2.4	4.8	22.0	41.1	22.6	6.5	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	1.5	2.5	32.3	42.3	17.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	5.4 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	33.5 MPH
Mean Speed:	28.0 MPH	Percent in Ten Mile Pace:	69.4%	15th Percentile:	22.7 MPH
Median Speed:	28.0 MPH			90th Percentile:	34.8 MPH
Modal Speed:	28.5 MPH			95th Percentile:	36.0 MPH

## City of Crystal

### Daily Southbound Speeds (MPH)

Study Date: Tuesday, 05/13/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	3	0	0	0	0	0	0	0	0	0	0	4	30.8	34.2
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
04:00 - 04:59	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	5	26.4	34.8
05:00 - 05:59	0	0	1	4	4	2	0	0	0	0	0	0	0	0	0	11	31.6	35.6
06:00 - 06:59	1	1	2	4	7	1	0	0	0	0	0	0	0	0	0	16	28.8	34.6
07:00 - 07:59	0	2	9	21	17	1	0	0	0	0	0	0	0	0	0	50	29.1	33.9
08:00 - 08:59	1	1	3	14	7	3	0	0	0	0	0	0	0	0	0	29	29.2	34.7
09:00 - 09:59	1	3	4	5	8	0	0	0	0	0	0	0	0	0	0	21	27.1	33.7
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	7	22	49	47	8	0	0	0	0	0	0	0	0	0	137		
Percent of Total	2.9	5.1	16.1	35.8	34.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	2.9	5.1	16.1	35.8	34.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	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		

Standard Deviation: 5.9 MPH

Ten Mile Pace: 26 to 35 MPH

85th Percentile: 34.6 MPH

Mean Speed: 28.9 MPH

Percent in Ten Mile Pace: 70.1%

Median Speed: 29.6 MPH

15th Percentile: 23.1 MPH

Modal Speed: 28.5 MPH

90th Percentile: 35.3 MPH

95th Percentile: 36.4 MPH



## City of Crystal Daily Total Speeds (MPH)

Study Date: Tuesday, 05/06/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
10:00 - 10:59	0	4	2	5	2	0	0	0	0	0	0	0	0	0	0	13	25.4	29.9
11:00 - 11:59	0	0	15	12	9	5	0	0	0	0	0	0	0	0	0	41	29.0	35.1
12:00 - 12:59	1	3	8	13	8	2	0	0	0	0	0	0	0	0	0	35	27.7	33.7
13:00 - 13:59	1	2	6	14	6	0	0	0	0	0	0	0	0	0	0	29	27.2	32.0
14:00 - 14:59	3	4	14	20	9	3	0	0	0	0	0	0	0	0	0	53	26.8	33.0
15:00 - 15:59	10	6	37	27	16	0	0	0	0	0	0	0	0	0	0	96	24.9	31.3
16:00 - 16:59	1	5	17	32	17	3	0	0	0	0	0	0	0	0	0	75	28.0	33.4
17:00 - 17:59	1	2	20	27	10	0	0	0	0	0	0	0	0	0	0	60	27.0	31.3
18:00 - 18:59	1	0	13	32	10	2	0	0	0	0	0	0	0	0	0	58	28.3	32.4
19:00 - 19:59	0	1	15	16	7	1	0	0	0	0	0	0	0	0	0	40	27.5	32.1
20:00 - 20:59	0	3	14	16	4	0	0	0	0	0	0	0	0	0	0	37	26.3	30.4
21:00 - 21:59	0	1	7	19	4	0	1	0	1	0	0	0	0	0	0	33	28.9	31.7
22:00 - 22:59	0	1	1	9	3	0	0	0	0	0	0	0	0	0	0	14	28.4	31.7
23:00 - 23:59	0	1	2	2	5	0	0	0	0	0	0	0	0	0	0	10	28.9	34.0
Totals	18	33	171	244	110	16	1	0	1	0	0	0	0	0	0	594		
Percent of Total	3.0	5.6	28.8	41.1	18.5	2.7	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	0.0	7.4	31.5	31.5	20.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	3.3	5.4	28.5	42.0	18.3	2.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	5.7 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	32.7 MPH
Mean Speed:	27.2 MPH	Percent in Ten Mile Pace:	69.9%	15th Percentile:	22.1 MPH
Median Speed:	27.5 MPH			90th Percentile:	34.1 MPH
Modal Speed:	28.5 MPH			95th Percentile:	35.4 MPH

## City of Crystal Daily Total Speeds (MPH)

Study Date: Wednesday, 05/07/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	2	1	0	0	0	0	0	0	0	0	0	0	3	30.0	31.3
01:00 - 01:59	1	0	1	3	1	0	0	0	0	0	0	0	0	0	0	6	25.2	29.0
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	3	0	0	0	0	0	0	0	0	0	0	0	3	28.3	29.4
04:00 - 04:59	1	1	1	4	3	0	0	0	0	0	0	0	0	0	0	10	26.5	32.7
05:00 - 05:59	0	0	3	7	1	2	1	0	0	0	0	0	0	0	0	14	30.1	37.0
06:00 - 06:59	0	2	8	15	4	1	0	0	0	0	0	0	0	0	0	30	27.5	31.0
07:00 - 07:59	0	6	31	33	14	1	1	0	0	0	0	0	0	0	0	86	27.1	31.9
08:00 - 08:59	3	7	20	22	5	0	0	0	0	0	0	0	0	0	0	57	25.0	30.1
09:00 - 09:59	2	4	8	15	4	1	0	0	0	0	0	0	0	0	0	34	25.9	30.8
10:00 - 10:59	1	2	14	11	4	0	0	0	0	0	0	0	0	0	0	32	25.7	30.4
11:00 - 11:59	1	4	17	7	4	0	0	0	0	0	0	0	0	0	0	33	24.7	30.0
12:00 - 12:59	2	5	7	14	6	2	0	0	0	0	0	0	0	0	0	36	26.5	32.8
13:00 - 13:59	4	6	16	11	5	0	0	0	0	0	0	0	0	0	0	42	24.0	30.2
14:00 - 14:59	2	8	24	24	4	0	0	0	0	0	0	0	0	0	0	62	25.0	29.8
15:00 - 15:59	5	9	42	24	11	3	0	0	0	0	0	0	0	0	0	94	25.2	30.9
16:00 - 16:59	0	5	7	38	13	2	0	0	0	0	0	0	0	0	0	65	28.5	32.8
17:00 - 17:59	1	3	26	33	16	0	1	0	0	0	0	0	0	0	0	80	27.4	32.4
18:00 - 18:59	1	2	20	30	10	1	0	0	0	0	0	0	0	0	0	64	27.3	31.5
19:00 - 19:59	1	1	13	19	8	0	0	0	0	0	0	0	0	0	0	42	27.2	31.8
20:00 - 20:59	0	3	11	25	11	0	0	0	0	0	0	0	0	0	0	50	27.9	32.4
21:00 - 21:59	0	0	3	18	4	1	0	0	0	0	0	0	0	0	0	26	29.0	31.8
22:00 - 22:59	0	1	8	4	2	1	0	0	0	0	0	0	0	0	0	16	26.6	31.3
23:00 - 23:59	0	1	5	3	1	3	0	0	0	0	0	0	0	0	0	13	28.3	36.9
<b>Totals</b>	<b>25</b>	<b>70</b>	<b>285</b>	<b>365</b>	<b>132</b>	<b>18</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>898</b>		
<b>Percent of Total</b>	<b>2.8</b>	<b>7.8</b>	<b>31.7</b>	<b>40.6</b>	<b>14.7</b>	<b>2.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of AM</b>	<b>2.9</b>	<b>8.4</b>	<b>33.4</b>	<b>39.6</b>	<b>13.3</b>	<b>1.6</b>	<b>0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of PM</b>	<b>2.7</b>	<b>7.5</b>	<b>30.8</b>	<b>41.2</b>	<b>15.4</b>	<b>2.2</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		

Standard Deviation:	5.5 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	31.7 MPH
Mean Speed:	26.6 MPH	Percent in Ten Mile Pace:	72.4%	15th Percentile:	21.7 MPH
Median Speed:	26.9 MPH			90th Percentile:	33.4 MPH
Modal Speed:	28.5 MPH			95th Percentile:	35.1 MPH

## City of Crystal Daily Total Speeds (MPH)

Study Date: Thursday, 05/08/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	2	0	0	0	0	0	0	0	0	0	0	0	4	21.3	28.3
01:00 - 01:59	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	5	28.2	29.8
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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10.0	8.9
04:00 - 04:59	1	0	0	3	2	1	0	0	0	0	0	0	0	0	0	7	28.6	34.6
05:00 - 05:59	0	0	1	9	4	3	2	0	0	0	0	0	0	0	0	19	32.4	38.8
06:00 - 06:59	0	0	0	14	8	1	0	0	0	0	0	0	0	0	0	23	30.7	34.2
07:00 - 07:59	0	4	40	35	10	5	0	0	0	0	0	0	0	0	0	94	27.0	31.2
08:00 - 08:59	0	1	6	22	15	1	0	0	0	0	0	0	0	0	0	45	29.5	33.9
09:00 - 09:59	1	3	10	15	11	1	0	0	0	0	0	0	0	0	0	41	27.6	33.4
10:00 - 10:59	0	1	3	12	11	3	0	0	0	0	0	0	0	0	0	30	30.4	35.1
11:00 - 11:59	1	1	5	9	11	3	0	0	0	0	0	0	0	0	0	30	29.5	35.1
12:00 - 12:59	0	3	4	14	22	3	1	0	0	0	0	0	0	0	0	47	30.7	35.2
13:00 - 13:59	1	0	7	14	8	0	0	0	0	0	0	0	0	0	0	30	28.0	32.9
14:00 - 14:59	0	3	12	29	19	3	1	0	0	0	0	0	0	0	0	67	29.2	34.3
15:00 - 15:59	6	11	39	27	17	2	0	0	0	0	0	0	0	0	0	102	25.5	31.9
16:00 - 16:59	1	6	10	31	26	5	0	0	0	0	0	0	0	0	0	79	29.1	34.6
17:00 - 17:59	1	1	9	25	17	2	0	0	0	0	0	0	0	0	0	55	29.0	34.0
18:00 - 18:59	0	2	13	27	20	2	0	0	0	0	0	0	0	0	0	64	29.0	34.0
19:00 - 19:59	2	4	9	25	3	2	0	1	0	0	0	0	0	0	0	46	27.0	30.7
20:00 - 20:59	1	0	11	17	3	0	0	0	0	0	0	0	0	0	0	32	26.6	30.3
21:00 - 21:59	0	3	5	9	6	0	0	0	1	0	0	0	0	0	0	24	28.4	33.4
22:00 - 22:59	0	0	6	9	2	1	0	0	0	0	0	0	0	0	0	18	27.9	30.5
23:00 - 23:59	0	1	4	10	2	0	0	0	0	0	0	0	0	0	0	17	27.3	30.5
<b>Totals</b>	<b>17</b>	<b>45</b>	<b>195</b>	<b>361</b>	<b>218</b>	<b>38</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>880</b>		
<b>Percent of Total</b>	<b>1.9</b>	<b>5.1</b>	<b>22.2</b>	<b>41.0</b>	<b>24.8</b>	<b>4.3</b>	<b>0.5</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of AM</b>	<b>1.7</b>	<b>3.7</b>	<b>22.1</b>	<b>41.5</b>	<b>24.4</b>	<b>6.0</b>	<b>0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		
<b>Percent of PM</b>	<b>2.1</b>	<b>5.9</b>	<b>22.2</b>	<b>40.8</b>	<b>25.0</b>	<b>3.4</b>	<b>0.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>		

Standard Deviation:	5.6 MPH	Ten Mile Pace:	26 to 35 MPH	85th Percentile:	34.0 MPH
Mean Speed:	28.3 MPH	Percent in Ten Mile Pace:	65.8%	15th Percentile:	22.8 MPH
Median Speed:	28.5 MPH			90th Percentile:	35.0 MPH
Modal Speed:	28.5 MPH			95th Percentile:	36.0 MPH

## City of Crystal Daily Total Speeds (MPH)

Study Date: Friday, 05/09/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	0	2	1	0	0	0	0	0	0	0	0	0	0	4	25.0	30.5
01:00 - 01:59	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	28.0	27.8
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
04:00 - 04:59	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	3	23.7	31.3
05:00 - 05:59	0	1	5	7	3	1	0	0	0	0	0	0	0	0	0	17	27.8	32.6
06:00 - 06:59	0	1	3	9	6	1	0	0	0	0	0	0	0	0	0	20	29.1	33.9
07:00 - 07:59	1	2	36	33	17	3	0	0	0	0	0	0	0	0	0	92	27.4	32.7
08:00 - 08:59	1	3	12	31	18	3	0	0	0	0	0	0	0	0	0	68	28.6	33.9
09:00 - 09:59	0	2	2	17	13	2	2	0	0	0	0	0	0	0	0	38	30.7	35.2
10:00 - 10:59	2	2	5	25	10	1	0	0	0	0	0	0	0	0	0	45	28.0	32.9
11:00 - 11:59	0	1	5	14	9	5	0	0	0	0	0	0	0	0	0	34	30.2	35.7
12:00 - 12:59	0	0	8	21	8	3	2	0	0	0	0	0	0	0	0	42	29.9	34.9
13:00 - 13:59	0	1	5	24	12	3	0	0	0	0	0	0	0	0	0	45	29.7	34.2
14:00 - 14:59	2	3	12	20	14	4	0	0	0	0	0	0	0	0	0	55	28.2	34.3
15:00 - 15:59	11	10	31	37	15	3	0	0	0	0	0	0	0	0	0	107	25.2	31.5
16:00 - 16:59	1	5	15	22	12	2	0	0	0	0	0	0	0	0	0	57	27.4	33.1
17:00 - 17:59	3	1	22	32	6	3	0	0	0	0	0	0	0	0	0	67	26.8	30.8
18:00 - 18:59	0	0	13	26	11	2	0	0	0	0	0	0	0	0	0	52	28.7	33.1
19:00 - 19:59	4	3	16	13	6	2	0	0	0	0	0	0	0	0	0	44	25.5	31.8
20:00 - 20:59	4	1	14	17	2	2	0	0	0	0	0	0	0	0	0	40	25.4	30.3
21:00 - 21:59	1	2	8	14	9	6	0	0	0	0	0	0	0	0	0	40	29.1	35.7
22:00 - 22:59	0	0	2	15	1	4	0	0	0	0	0	0	0	0	0	22	30.0	36.3
23:00 - 23:59	0	0	3	7	3	2	0	0	0	0	0	0	0	0	0	15	29.7	34.8
Totals	32	38	218	388	177	52	4	0	0	0	0	0	0	0	0	909		
Percent of Total	3.5	4.2	24.0	42.7	19.5	5.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	1.9	3.7	21.4	43.3	24.1	5.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	4.4	4.4	25.4	42.3	16.9	6.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	5.9 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	33.7 MPH
Mean Speed:	27.9 MPH	Percent in Ten Mile Pace:	66.7%	15th Percentile:	22.5 MPH
Median Speed:	28.1 MPH			90th Percentile:	35.0 MPH
Modal Speed:	28.5 MPH			95th Percentile:	37.0 MPH

## City of Crystal Daily Total Speeds (MPH)

Study Date: Saturday, 05/10/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	2	7	4	0	0	1	0	0	0	0	0	0	0	16	28.4	33.6
01:00 - 01:59	0	0	1	4	1	1	0	0	0	0	0	0	0	0	0	7	29.7	33.3
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	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	1	0	1	0	0	0	0	0	0	0	0	0	2	33.0	37.0
05:00 - 05:59	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4	24.5	28.3
06:00 - 06:59	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	28.3	29.4
07:00 - 07:59	0	0	1	6	9	2	0	0	0	0	0	0	0	0	0	18	31.8	35.3
08:00 - 08:59	2	1	1	17	10	2	0	0	0	0	0	0	0	0	0	33	29.0	34.3
09:00 - 09:59	1	0	0	18	8	0	0	0	0	0	0	0	0	0	0	27	29.3	33.2
10:00 - 10:59	0	1	3	17	14	9	0	0	0	0	0	0	0	0	0	44	31.5	37.1
11:00 - 11:59	2	1	4	21	10	4	1	0	0	0	0	0	0	0	0	43	29.4	35.0
12:00 - 12:59	0	2	8	16	20	4	1	1	0	0	0	0	0	0	0	52	30.7	35.4
13:00 - 13:59	0	2	9	18	16	1	0	1	0	0	0	0	0	0	0	47	29.4	34.3
14:00 - 14:59	1	0	17	18	13	2	0	0	0	0	0	0	0	0	0	51	28.1	33.6
15:00 - 15:59	0	4	9	30	8	1	0	0	0	0	0	0	0	0	0	52	27.8	31.4
16:00 - 16:59	1	1	12	14	8	1	0	0	0	0	0	0	0	0	0	37	27.4	32.8
17:00 - 17:59	2	2	12	31	7	0	0	0	0	0	0	0	0	0	0	54	27.0	30.7
18:00 - 18:59	3	1	15	28	11	5	0	0	0	0	0	0	0	0	0	63	27.9	33.8
19:00 - 19:59	1	2	15	26	6	2	0	0	0	0	0	0	0	0	0	52	27.3	30.8
20:00 - 20:59	0	0	5	12	1	0	0	0	0	0	0	0	0	0	0	18	27.3	30.1
21:00 - 21:59	1	1	8	15	11	1	0	0	0	0	0	0	0	0	0	37	28.4	33.7
22:00 - 22:59	1	1	3	7	1	0	0	0	0	0	0	0	0	0	0	13	25.4	30.0
23:00 - 23:59	0	4	4	5	2	0	0	0	0	0	0	0	0	0	0	15	25.1	30.3
Totals	16	25	130	317	160	36	2	3	0	0	0	0	0	0	0	689		
Percent of Total	2.3	3.6	18.9	46.0	23.2	5.2	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	3.0	2.5	6.6	49.0	28.3	9.6	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	2.0	4.1	23.8	44.8	21.2	3.5	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	5.6 MPH	Ten Mile Pace:	26 to 35 MPH	85th Percentile:	34.0 MPH
Mean Speed:	28.6 MPH	Percent in Ten Mile Pace:	69.2%	15th Percentile:	23.4 MPH
Median Speed:	28.7 MPH			90th Percentile:	35.1 MPH
Modal Speed:	28.5 MPH			95th Percentile:	36.8 MPH

## City of Crystal Daily Total Speeds (MPH)

Study Date: Sunday, 05/11/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	3	0	0	0	0	0	0	0	0	0	0	0	3	28.3	29.4
01:00 - 01:59	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	6	27.5	29.0
02:00 - 02:59	0	1	4	2	0	0	0	0	0	0	0	0	0	0	0	7	24.1	27.1
03:00 - 03:59	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	4	25.8	30.5
04:00 - 04:59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10.0	8.9
05:00 - 05:59	1	0	1	2	2	0	0	0	0	0	0	0	0	0	0	6	26.2	32.5
06:00 - 06:59	0	1	2	3	0	1	0	0	0	0	0	0	0	0	0	7	26.9	30.1
07:00 - 07:59	0	0	1	2	5	3	0	0	0	0	0	0	0	0	0	11	32.9	37.4
08:00 - 08:59	0	3	1	8	5	1	0	0	0	0	0	0	0	0	0	18	28.4	33.8
09:00 - 09:59	0	1	16	15	8	2	0	0	0	0	0	0	0	0	0	42	27.8	33.0
10:00 - 10:59	1	0	10	15	14	0	0	0	0	0	0	0	0	0	0	40	28.5	33.7
11:00 - 11:59	1	3	20	25	12	4	0	0	0	0	0	0	0	0	0	65	27.7	33.4
12:00 - 12:59	0	1	2	23	15	2	0	0	0	0	0	0	0	0	0	43	30.2	34.3
13:00 - 13:59	2	0	10	14	19	2	3	0	0	0	0	0	0	0	0	50	30.0	35.2
14:00 - 14:59	0	3	14	21	10	1	0	0	0	0	0	0	0	0	0	49	27.7	32.6
15:00 - 15:59	2	3	10	26	9	1	0	0	0	0	0	0	0	0	0	51	27.3	32.0
16:00 - 16:59	1	1	4	11	11	2	3	0	0	0	0	0	0	0	0	33	30.6	34.9
17:00 - 17:59	0	4	13	26	12	2	2	0	0	0	0	0	0	0	0	59	28.6	33.8
18:00 - 18:59	1	2	4	15	13	0	1	0	0	0	0	0	0	0	0	36	29.1	34.1
19:00 - 19:59	1	6	9	10	6	1	0	0	0	0	0	0	0	0	0	33	25.9	32.3
20:00 - 20:59	0	3	12	17	1	0	0	0	0	0	0	0	0	0	0	33	25.9	29.7
21:00 - 21:59	0	0	5	9	9	0	0	0	0	0	0	0	0	0	0	23	29.3	33.8
22:00 - 22:59	0	2	3	5	3	1	0	0	0	0	0	0	0	0	0	14	27.6	33.3
23:00 - 23:59	0	0	1	1	3	0	0	0	0	0	0	0	0	0	0	5	30.2	33.9
Totals	11	34	147	256	159	23	9	0	0	0	0	0	0	0	0	639		
Percent of Total	1.7	5.3	23.0	40.1	24.9	3.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	1.9	4.3	28.6	37.1	22.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	1.6	5.8	20.3	41.5	25.9	2.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	5.6 MPH	Ten Mile Pace:	26 to 35 MPH	85th Percentile:	34.0 MPH
Mean Speed:	28.3 MPH	Percent in Ten Mile Pace:	64.9%	15th Percentile:	22.7 MPH
Median Speed:	28.5 MPH			90th Percentile:	35.0 MPH
Modal Speed:	28.5 MPH			95th Percentile:	35.9 MPH

## City of Crystal Daily Total Speeds (MPH)

Study Date: Monday, 05/12/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	1	0	0	0	0	0	0	0	0	0	0	2	30.5	32.0
01:00 - 01:59	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	33.0	32.8
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	1	1	0	0	0	0	0	0	0	0	0	0	2	30.5	32.0
04:00 - 04:59	1	0	4	2	0	0	0	0	0	0	0	0	0	0	0	7	23.0	27.1
05:00 - 05:59	0	0	1	9	2	2	0	0	0	0	0	0	0	0	0	14	30.2	34.5
06:00 - 06:59	0	1	4	7	9	1	0	0	0	0	0	0	0	0	0	22	29.5	34.4
07:00 - 07:59	0	5	32	35	13	2	0	0	0	0	0	0	0	0	0	87	27.0	31.6
08:00 - 08:59	1	4	16	22	16	5	0	0	0	0	0	0	0	0	0	64	28.4	34.4
09:00 - 09:59	1	2	15	9	6	1	0	1	0	0	0	0	0	0	0	35	26.9	32.9
10:00 - 10:59	3	3	14	12	6	1	0	0	0	0	0	0	0	0	0	39	25.5	31.5
11:00 - 11:59	0	3	4	10	10	3	0	0	0	0	0	0	0	0	0	30	29.5	35.0
12:00 - 12:59	1	2	11	19	11	0	0	0	0	0	0	0	0	0	0	44	27.6	32.8
13:00 - 13:59	1	1	7	15	10	2	0	0	0	0	0	0	0	0	0	36	28.6	34.0
14:00 - 14:59	3	2	17	19	9	1	1	0	0	0	0	0	0	0	0	52	26.7	32.5
15:00 - 15:59	5	12	33	36	10	1	0	0	0	0	0	0	0	0	0	97	25.2	30.4
16:00 - 16:59	2	2	19	30	13	2	0	0	0	0	0	0	0	0	0	68	27.5	32.7
17:00 - 17:59	1	2	3	35	16	2	0	0	0	0	0	0	0	0	0	59	29.3	33.7
18:00 - 18:59	0	1	9	37	8	1	0	0	0	0	0	0	0	0	0	56	28.4	31.1
19:00 - 19:59	1	1	13	10	12	1	0	0	0	0	0	0	0	0	0	38	27.8	33.8
20:00 - 20:59	0	1	12	14	6	2	0	0	0	0	0	0	0	0	0	35	27.9	32.9
21:00 - 21:59	2	0	10	12	7	3	0	0	0	0	0	0	0	0	0	34	27.9	34.1
22:00 - 22:59	0	1	3	5	1	0	0	0	0	0	0	0	0	0	0	10	26.3	30.0
23:00 - 23:59	0	0	1	3	3	0	0	0	0	0	0	0	0	0	0	7	29.7	33.4
Totals	22	43	228	343	171	30	1	1	0	0	0	0	0	0	0	839		
Percent of Total	2.6	5.1	27.2	40.9	20.4	3.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	2.0	5.9	29.7	35.6	21.5	5.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	3.0	4.7	25.7	43.8	19.8	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Standard Deviation:	5.6 MPH	Ten Mile Pace:	21 to 30 MPH	85th Percentile:	33.2 MPH
Mean Speed:	27.6 MPH	Percent in Ten Mile Pace:	68.1%	15th Percentile:	22.3 MPH
Median Speed:	27.8 MPH			90th Percentile:	34.5 MPH
Modal Speed:	28.5 MPH			95th Percentile:	35.7 MPH

## City of Crystal Daily Total Speeds (MPH)

Study Date: Tuesday, 05/13/2025

Unit ID: 3624 Welcome Ave N

Location: 3624 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	1	1	3	0	0	0	0	0	0	0	0	0	0	6	26.8	33.7
01:00 - 01:59	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	33.3	34.4
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	1	0	1	2	1	1	0	0	0	0	0	0	0	0	0	6	26.8	34.0
05:00 - 05:59	0	0	1	4	4	2	0	0	0	0	0	0	0	0	0	11	31.6	35.6
06:00 - 06:59	2	1	2	5	9	1	0	0	0	0	0	0	0	0	0	20	28.4	34.6
07:00 - 07:59	0	3	34	39	25	1	0	0	0	0	0	0	0	0	0	102	27.8	33.0
08:00 - 08:59	3	1	6	21	8	3	0	0	0	0	0	0	0	0	0	42	27.9	33.6
09:00 - 09:59	1	3	10	12	8	0	0	0	0	0	0	0	0	0	0	34	26.8	32.5
10:00 - 10:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 - 11:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 12:59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	8	8	56	84	61	8	0	0	0	0	0	0	0	0	0	225		
Percent of Total	3.6	3.6	24.9	37.3	27.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of AM	3.6	3.6	24.9	37.3	27.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		
Percent of PM	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		

Standard Deviation:	5.8 MPH	Ten Mile Pace:	26 to 35 MPH	85th Percentile:	33.8 MPH
Mean Speed:	28.0 MPH	Percent in Ten Mile Pace:	64.4%	15th Percentile:	22.5 MPH
Median Speed:	28.4 MPH			90th Percentile:	34.8 MPH
Modal Speed:	28.5 MPH			95th Percentile:	35.7 MPH



## City of Crystal Weekly Volumes

Unit ID: 3624 Welcome Ave N

Location: 3624 Welcome Ave N

Week of 05/06/2025

Start Time	05/06 Tuesday		05/07 Wednesday		05/08 Thursday		05/09 Friday		05/10 Saturday		05/11 Sunday		05/12 Monday		Daily Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
00:00	-	-	1	2	3	1	4	0	8	8	1	2	1	1	3	2
01:00	-	-	6	0	3	2	1	0	4	3	4	2	1	0	3	1
02:00	-	-	0	0	0	0	1	0	1	0	5	2	0	0	1	0
03:00	-	-	1	2	1	0	0	0	0	0	3	1	0	2	1	1
04:00	-	-	3	7	2	5	0	3	1	1	0	1	3	4	2	4
05:00	-	-	1	13	1	18	3	14	1	3	3	3	1	13	2	11
06:00	-	-	12	18	6	17	5	15	2	1	2	5	5	17	5	12
07:00	-	-	43	43	48	46	58	34	5	13	2	9	48	39	34	31
08:00	-	-	23	34	17	28	22	46	10	23	7	11	28	36	18	30
09:00	0	0	15	19	17	24	19	19	10	17	27	15	14	21	15	16
10:00	6	7	17	15	14	16	23	22	23	21	25	15	17	22	18	17
11:00	22	19	22	11	15	16	23	11	20	23	15	50	17	13	19	20
12:00	20	15	14	22	22	25	24	18	33	19	21	22	24	20	23	20
13:00	21	8	25	17	20	10	22	23	25	22	28	22	20	16	23	17
14:00	36	17	41	21	49	18	44	11	32	19	26	23	40	12	38	17
15:00	55	41	50	44	58	46	64	44	34	18	24	27	55	42	49	37
16:00	47	28	48	17	61	18	34	23	25	12	26	7	40	28	40	19
17:00	37	23	53	27	35	20	44	23	30	24	44	15	38	21	40	22
18:00	43	15	43	21	40	24	33	19	34	29	22	14	34	22	36	21
19:00	27	13	27	15	29	17	29	15	34	18	17	16	24	14	27	15
20:00	27	10	30	20	19	13	30	10	11	7	20	13	24	11	23	12
21:00	23	10	15	11	16	8	27	13	25	12	14	9	22	12	20	11
22:00	12	2	11	5	15	3	14	8	12	1	11	3	9	1	12	3
23:00	5	5	9	4	12	5	12	3	10	5	2	3	5	2	8	4
Lane Total	381	213	510	388	503	380	536	374	390	299	349	290	470	369	460	343
Day Total		594		898		883		910		689		639		839		803
AM Peak	10:56	10:32	07:21	07:34	07:20	07:22	07:16	07:45	10:05	09:32	09:14	10:57	07:23	07:27	07:00	07:00
AM Count	23	19	50	53	52	55	65	54	26	26	38	51	58	49	34	31
PM Peak	14:26	15:13	14:25	15:07	14:37	15:09	14:45	15:03	17:45	17:17	17:08	13:26	14:16	15:11	15:00	15:00
PM Count	59	45	65	46	71	48	72	48	39	30	46	30	66	45	49	37

## City of Crystal Weekly Volumes

Unit ID: 3624 Welcome Ave N

Location: 3624 Welcome Ave N

Week of 05/13/2025

Start Time	05/13 Tuesday		05/14 Wednesday		05/15 Thursday		05/16 Friday		05/17 Saturday		05/18 Sunday		05/19 Monday		Daily Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
00:00	2	4	-	-	-	-	-	-	-	-	-	-	-	-	2	4
01:00	3	0	-	-	-	-	-	-	-	-	-	-	-	-	3	0
02:00	0	1	-	-	-	-	-	-	-	-	-	-	-	-	0	1
03:00	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0	0
04:00	1	5	-	-	-	-	-	-	-	-	-	-	-	-	1	5
05:00	0	11	-	-	-	-	-	-	-	-	-	-	-	-	0	11
06:00	4	16	-	-	-	-	-	-	-	-	-	-	-	-	4	16
07:00	52	50	-	-	-	-	-	-	-	-	-	-	-	-	52	50
08:00	13	29	-	-	-	-	-	-	-	-	-	-	-	-	13	29
09:00	13	21	-	-	-	-	-	-	-	-	-	-	-	-	13	21
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
11:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
12:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
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	88	137	-	-	-	-	-	-	-	-	-	-	-	-	88	137
Day Total		225														225
AM Peak	07:11	07:00	-	-	-	-	-	-	-	-	-	-	-	-	07:00	07:00
AM Count	55	50	-	-	-	-	-	-	-	-	-	-	-	-	52	50
PM Peak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	00:00	00:00
PM Count	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0