

**City of Shoreline**  
Public Works - Traffic Service  
17544 Midvale Ave N

Location : Aurora Ave N  
Cross-St : N 170 st  
Direction : n/o

Site:

Direction: NB

| Bin Titles | Class | Cars & 2 Axle 2 Axle 3 Axle 4 Axle <5 Axl 5 Axle >6 Axl <6 Axl 6 Axle >6 Axl |        |        |        |        |        |        |        |        |        |        |        |        |  |
|------------|-------|------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|            |       | Bikes                                                                        | Trls   | Long   | Buses  | 6 Tire | Single | Single | Double | Double | Double | Multi  | Multi  | Multi  |  |
| Gap [Secs] |       | 5- 9                                                                         | 10- 14 | 15- 19 | 20- 24 | 25- 29 | 30- 34 | 35- 39 | 40- 44 | 45- 49 | 50- 54 | 55- 59 | 60- 64 | 65- 99 |  |

|                 |         |                         |      |      |     |                                   |     |     |     |                          |     |     |     |                                |  |  |  |               |  |  |  |
|-----------------|---------|-------------------------|------|------|-----|-----------------------------------|-----|-----|-----|--------------------------|-----|-----|-----|--------------------------------|--|--|--|---------------|--|--|--|
| Thursday<br>5/4 |         | Vehicles 12,148         |      |      |     | AM Peak Hour : 11:00              |     |     |     | Factor : 0.92            |     |     |     | PM Peak Hour : 04:00           |  |  |  | Factor : 0.98 |  |  |  |
|                 | Errors  | Axles Used : A: 94.00 % |      |      |     | B : 94.00 %                       |     |     |     | Avg Axles/Vehicle : 2.22 |     |     |     | Avg Two Axle Spacing : 9.2 ft. |  |  |  |               |  |  |  |
|                 | Speed   | Avg Speed : 34.4 MPH    |      |      |     | Percentiles : 10%: 28.2 15%: 29.9 |     |     |     | 50%: 35.5 85%: 40.9      |     |     |     | 90%: 42.0                      |  |  |  |               |  |  |  |
|                 | Class % | 1.6                     | 73.7 | 13.1 | 0.6 | 2.9                               | 0.7 | 0.5 | 4.0 | 0.3                      | 1.7 | 0.2 | 0.4 | 0.2                            |  |  |  |               |  |  |  |
|                 | Gap %   | 51.9                    | 17.1 | 7.7  | 5.4 | 3.5                               | 3.6 | 2.2 | 1.5 | 1.5                      | 0.8 | 0.5 | 0.7 | 3.7                            |  |  |  |               |  |  |  |

|               |         |              |        |          |     |               |     |       |     |          |     |                     |     |      |  |                        |  |         |  |          |  |      |  |      |  |      |  |
|---------------|---------|--------------|--------|----------|-----|---------------|-----|-------|-----|----------|-----|---------------------|-----|------|--|------------------------|--|---------|--|----------|--|------|--|------|--|------|--|
| Friday<br>5/5 |         | Vehicles     | 12,633 | AM       |     | Peak Hour :   |     | 09:45 |     | Factor : |     | 0.92                |     | PM   |  | Peak Hour :            |  | 03:45   |  | Factor : |  | 0.89 |  |      |  |      |  |
|               | Errors  | Axles Used : |        | A:       |     | 94.00 %       |     | B :   |     | 94.00 %  |     | Avg Axles/Vehicle : |     | 2.23 |  | Avg Two Axle Spacing : |  | 9.2 ft. |  |          |  |      |  |      |  |      |  |
|               | Speed   | Avg Speed :  |        | 34.1 MPH |     | Percentiles : |     | 10%:  |     | 27.7     |     | 15%:                |     | 29.4 |  | 50%:                   |  | 35.3    |  | 85%:     |  | 40.5 |  | 90%: |  | 41.7 |  |
|               | Class % | 1.5          | 74.2   | 12.4     | 0.6 | 2.9           | 0.7 | 0.6   | 4.3 | 0.2      | 1.9 | 0.2                 | 0.4 | 0.2  |  |                        |  |         |  |          |  |      |  |      |  |      |  |
|               | Gap %   | 51.4         | 18.0   | 8.6      | 5.0 | 2.9           | 3.8 | 2.2   | 1.3 | 1.0      | 1.1 | 0.7                 | 0.4 | 3.6  |  |                        |  |         |  |          |  |      |  |      |  |      |  |

|                 |                 |              |      |          |         |               |             |      |         |          |                     |      |      |      |                        |      |         |          |  |      |
|-----------------|-----------------|--------------|------|----------|---------|---------------|-------------|------|---------|----------|---------------------|------|------|------|------------------------|------|---------|----------|--|------|
| Saturday<br>5/6 |                 | Vehicles     |      | 12,775   | AM      |               | Peak Hour : |      | 10:45   | Factor : |                     | 0.95 | PM   |      | Peak Hour :            |      | 02:15   | Factor : |  | 0.94 |
|                 | Errors<br>Speed | Axles Used : |      | A:       | 93.00 % |               | B :         |      | 93.00 % |          | Avg Axles/Vehicle : |      | 2.18 |      | Avg Two Axle Spacing : |      | 9.1 ft. |          |  |      |
|                 |                 | Avg Speed :  |      | 34.2 MPH |         | Percentiles : |             | 10%: | 28.2    | 15%:     | 29.8                | 50%: | 35.2 | 85%: | 40.5                   | 90%: | 41.7    |          |  |      |
|                 | Class %         | 1.5          | 78.2 | 11.1     | 0.5     | 2.0           | 0.6         | 0.6  | 3.5     | 0.2      | 1.4                 | 0.1  | 0.2  | 0.1  |                        |      |         |          |  |      |
| Gap %           | 53.4            | 18.0         | 8.9  | 5.0      | 3.7     | 2.6           | 2.0         | 1.2  | 0.7     | 0.7      | 0.6                 | 0.5  | 2.6  |      |                        |      |         |          |  |      |

|               |                 |                         |      |      |     |                                   |     |     |     |                          |     |     |     |                                |  |  |  |               |  |  |  |
|---------------|-----------------|-------------------------|------|------|-----|-----------------------------------|-----|-----|-----|--------------------------|-----|-----|-----|--------------------------------|--|--|--|---------------|--|--|--|
| Sunday<br>5/7 | Errors<br>Speed | Vehicles 10,504         |      |      |     | AM Peak Hour : 11:00              |     |     |     | Factor : 0.89            |     |     |     | PM Peak Hour : 12:45           |  |  |  | Factor : 0.95 |  |  |  |
|               |                 | Axles Used : A: 93.00 % |      |      |     | B : 94.00 %                       |     |     |     | Avg Axles/Vehicle : 2.15 |     |     |     | Avg Two Axle Spacing : 9.0 ft. |  |  |  |               |  |  |  |
|               |                 | Avg Speed : 35.7 MPH    |      |      |     | Percentiles : 10%: 30.1 15%: 31.5 |     |     |     | 50%: 36.5                |     |     |     | 85%: 41.5 90%: 42.8            |  |  |  |               |  |  |  |
|               | Class %         | 1.4                     | 81.2 | 10.5 | 0.1 | 1.3                               | 0.5 | 0.4 | 2.9 | 0.1                      | 1.1 | 0.1 | 0.2 | 0.0                            |  |  |  |               |  |  |  |
|               | Gap %           | 48.7                    | 17.2 | 9.6  | 5.5 | 3.8                               | 3.0 | 2.4 | 1.8 | 1.1                      | 1.1 | 1.1 | 0.7 | 4.1                            |  |  |  |               |  |  |  |

|               |                 |              |      |          |         |               |             |      |         |          |                     |      |      |      |                        |      |         |          |  |      |
|---------------|-----------------|--------------|------|----------|---------|---------------|-------------|------|---------|----------|---------------------|------|------|------|------------------------|------|---------|----------|--|------|
| Monday<br>5/8 | Errors<br>Speed | Vehicles     |      | 12,222   | AM      |               | Peak Hour : |      | 10:30   | Factor : |                     | 0.95 | PM   |      | Peak Hour :            |      | 04:00   | Factor : |  | 0.89 |
|               |                 | Axles Used : |      | A:       | 93.00 % |               | B :         |      | 93.00 % |          | Avg Axles/Vehicle : |      | 2.23 |      | Avg Two Axle Spacing : |      | 9.2 ft. |          |  |      |
|               |                 | Avg Speed :  |      | 34.6 MPH |         | Percentiles : |             | 10%: | 27.9    | 15%:     | 29.8                | 50%: | 35.8 | 85%: | 41.1                   | 90%: | 42.2    |          |  |      |
|               | Class %         | 1.3          | 73.7 | 13.3     | 0.8     | 2.8           | 0.7         | 0.6  | 4.1     | 0.2      | 2.0                 | 0.1  | 0.3  | 0.1  |                        |      |         |          |  |      |
|               | Gap %           | 52.8         | 16.6 | 8.6      | 5.3     | 3.1           | 3.5         | 1.9  | 1.2     | 1.0      | 0.6                 | 0.6  | 0.5  | 4.3  |                        |      |         |          |  |      |

|                |                 |                         |      |      |     |                                   |     |     |     |                          |     |     |     |                                |  |  |  |               |  |  |  |
|----------------|-----------------|-------------------------|------|------|-----|-----------------------------------|-----|-----|-----|--------------------------|-----|-----|-----|--------------------------------|--|--|--|---------------|--|--|--|
| Tuesday<br>5/9 | Errors<br>Speed | Vehicles 12,369         |      |      |     | AM Peak Hour : 11:00              |     |     |     | Factor : 0.90            |     |     |     | PM Peak Hour : 04:00           |  |  |  | Factor : 0.95 |  |  |  |
|                |                 | Axles Used : A: 94.00 % |      |      |     | B : 94.00 %                       |     |     |     | Avg Axles/Vehicle : 2.21 |     |     |     | Avg Two Axle Spacing : 9.2 ft. |  |  |  |               |  |  |  |
|                |                 | Avg Speed : 34.6 MPH    |      |      |     | Percentiles : 10%: 28.1 15%: 29.9 |     |     |     | 50%: 35.6                |     |     |     | 85%: 40.8 90%: 41.9            |  |  |  |               |  |  |  |
|                | Class %         | 1.3                     | 74.0 | 13.7 | 0.5 | 2.8                               | 0.5 | 0.5 | 4.1 | 0.2                      | 1.7 | 0.2 | 0.3 | 0.2                            |  |  |  |               |  |  |  |
| Gap %          | 53.8            | 17.0                    | 8.4  | 4.7  | 2.4 | 3.3                               | 2.0 | 1.2 | 1.1 | 1.0                      | 0.5 | 0.7 | 4.0 |                                |  |  |  |               |  |  |  |

|                   |                 |                         |      |      |     |                                   |     |     |     |                          |     |     |     |                                |  |  |  |               |  |  |  |
|-------------------|-----------------|-------------------------|------|------|-----|-----------------------------------|-----|-----|-----|--------------------------|-----|-----|-----|--------------------------------|--|--|--|---------------|--|--|--|
| Wednesday<br>5/10 | Errors<br>Speed | Vehicles 11,833         |      |      |     | AM Peak Hour : 11:00              |     |     |     | Factor : 0.94            |     |     |     | PM Peak Hour : 06:00           |  |  |  | Factor : 0.99 |  |  |  |
|                   |                 | Axles Used : A: 94.00 % |      |      |     | B : 94.00 %                       |     |     |     | Avg Axles/Vehicle : 2.24 |     |     |     | Avg Two Axle Spacing : 9.2 ft. |  |  |  |               |  |  |  |
|                   |                 | Avg Speed : 34.1 MPH    |      |      |     | Percentiles : 10%: 27.6 15%: 29.4 |     |     |     | 50%: 35.3                |     |     |     | 85%: 40.5 90%: 41.7            |  |  |  |               |  |  |  |
|                   | Class %         | 1.5                     | 73.4 | 12.9 | 0.7 | 3.0                               | 0.8 | 0.6 | 4.2 | 0.3                      | 1.9 | 0.2 | 0.5 | 0.2                            |  |  |  |               |  |  |  |
|                   | Gap %           | 50.0                    | 17.9 | 8.6  | 5.2 | 3.7                               | 3.2 | 2.7 | 1.3 | 1.0                      | 1.1 | 0.5 | 0.6 | 4.1                            |  |  |  |               |  |  |  |

|                  |                 |                         |      |      |     |                                   |     |     |     |                          |     |     |     |                                |  |  |  |               |  |  |  |
|------------------|-----------------|-------------------------|------|------|-----|-----------------------------------|-----|-----|-----|--------------------------|-----|-----|-----|--------------------------------|--|--|--|---------------|--|--|--|
| Thursday<br>5/11 |                 | Vehicles 11,854         |      |      |     | AM Peak Hour : 10:00              |     |     |     | Factor : 0.92            |     |     |     | PM Peak Hour : 05:30           |  |  |  | Factor : 0.97 |  |  |  |
|                  | Errors<br>Speed | Axles Used : A: 92.00 % |      |      |     | B : 93.00 %                       |     |     |     | Avg Axles/Vehicle : 2.22 |     |     |     | Avg Two Axle Spacing : 9.2 ft. |  |  |  |               |  |  |  |
|                  |                 | Avg Speed : 34.2 MPH    |      |      |     | Percentiles : 10%: 27.5 15%: 29.4 |     |     |     | 50%: 35.3                |     |     |     | 85%: 40.8 90%: 41.9            |  |  |  |               |  |  |  |
|                  |                 |                         |      |      |     |                                   |     |     |     |                          |     |     |     |                                |  |  |  |               |  |  |  |
|                  | Class %         | 1.3                     | 74.4 | 13.0 | 0.6 | 2.6                               | 0.7 | 0.5 | 4.3 | 0.3                      | 1.6 | 0.2 | 0.3 | 0.2                            |  |  |  |               |  |  |  |
|                  | Gap %           | 53.1                    | 16.9 | 8.3  | 4.8 | 3.1                               | 3.0 | 2.2 | 1.7 | 0.9                      | 0.5 | 0.7 | 0.6 | 4.1                            |  |  |  |               |  |  |  |