

# City of Shoreline

Public Works

17544 Midvale Ave N

Loc. ID : NE 155 St

Roadway : 8 Ave NE

Site: 49

Date: 11/04/04

Location : w/o

Direction: EB

| Begin Time       | Total | 1-19 MPH | 20-21 MPH | 22-23 MPH | 24-25 MPH | 26-27 MPH | 28-29 MPH | 30-31 MPH | 32-33 MPH | 34-35 MPH | 36-37 MPH | 38-39 MPH | 40-41 MPH | 42-99 MPH | Avg |
|------------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM            | 49    | 0        | 0         | 2         | 0         | 3         | 6         | 8         | 7         | 9         | 8         | 4         | 2         | 0         | 33  |
| 01:00            | 15    | 0        | 0         | 1         | 0         | 0         | 1         | 3         | 2         | 4         | 1         | 1         | 0         | 2         | 37  |
| 02:00            | 10    | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 3         | 2         | 1         | 1         | 1         | 39  |
| 03:00            | 9     | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 3         | 0         | 0         | 1         | 4         | 0         | 36  |
| 04:00            | 15    | 0        | 0         | 0         | 0         | 0         | 2         | 0         | 3         | 6         | 2         | 1         | 1         | 0         | 34  |
| 05:00            | 29    | 0        | 0         | 1         | 3         | 2         | 1         | 4         | 1         | 7         | 7         | 1         | 2         | 0         | 33  |
| 06:00            | 63    | 0        | 0         | 1         | 7         | 5         | 6         | 9         | 11        | 7         | 9         | 3         | 2         | 3         | 33  |
| 07:00            | 281   | 3        | 3         | 3         | 8         | 20        | 24        | 53        | 65        | 45        | 24        | 19        | 8         | 6         | 33  |
| 08:00            | 517   | 0        | 1         | 4         | 17        | 25        | 62        | 109       | 131       | 95        | 41        | 24        | 7         | 1         | 32  |
| 09:00            | 421   | 12       | 2         | 4         | 11        | 21        | 68        | 89        | 100       | 52        | 30        | 23        | 7         | 2         | 31  |
| 10:00            | 316   | 1        | 2         | 4         | 12        | 21        | 39        | 61        | 66        | 55        | 32        | 12        | 9         | 2         | 32  |
| 11:00            | 202   | 0        | 0         | 1         | 7         | 15        | 28        | 36        | 47        | 37        | 14        | 9         | 6         | 2         | 32  |
| 12:PM            | 240   | 5        | 0         | 5         | 11        | 12        | 26        | 45        | 50        | 35        | 27        | 13        | 6         | 5         | 32  |
| 01:00            | 253   | 0        | 1         | 2         | 2         | 10        | 31        | 43        | 63        | 44        | 28        | 19        | 7         | 3         | 33  |
| 02:00            | 254   | 2        | 1         | 6         | 5         | 14        | 28        | 40        | 57        | 42        | 35        | 15        | 7         | 2         | 33  |
| 03:00            | 282   | 0        | 1         | 2         | 9         | 13        | 29        | 57        | 80        | 40        | 27        | 14        | 5         | 5         | 33  |
| 04:00            | 339   | 1        | 1         | 5         | 13        | 26        | 34        | 69        | 67        | 64        | 27        | 21        | 5         | 6         | 33  |
| 05:00            | 361   | 3        | 5         | 6         | 20        | 18        | 46        | 60        | 96        | 55        | 34        | 12        | 2         | 4         | 32  |
| 06:00            | 388   | 6        | 9         | 17        | 27        | 34        | 59        | 66        | 86        | 48        | 16        | 11        | 6         | 3         | 30  |
| 07:00            | 295   | 0        | 1         | 2         | 15        | 24        | 46        | 50        | 75        | 42        | 24        | 8         | 6         | 2         | 32  |
| 08:00            | 186   | 0        | 1         | 4         | 7         | 12        | 23        | 29        | 41        | 38        | 18        | 6         | 6         | 1         | 32  |
| 09:00            | 128   | 0        | 1         | 1         | 6         | 8         | 14        | 23        | 26        | 23        | 10        | 12        | 3         | 1         | 32  |
| 10:00            | 105   | 1        | 1         | 1         | 2         | 6         | 15        | 19        | 16        | 17        | 8         | 9         | 7         | 3         | 33  |
| 11:00            | 98    | 0        | 1         | 2         | 5         | 3         | 12        | 23        | 20        | 18        | 9         | 4         | 1         | 0         | 32  |
| Daily Totals     | 4,856 | 34       | 31        | 74        | 187       | 292       | 600       | 898       | 1,114     | 786       | 433       | 243       | 110       | 54        | 32  |
| Percent of Total |       | 0.7      | 0.6       | 1.5       | 3.9       | 6.0       | 12.4      | 18.5      | 22.9      | 16.2      | 8.9       | 5.0       | 2.3       | 1.1       |     |

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 27.1 | 28.4 | 32.6 | 36.5 | 37.6 |

10 MPH Pace Speed : 28 - 38  
Number in pace : 3,831  
% in pace : **78.9**

Speed Exceeded : **20 MPH** **30 MPH** **40 MPH**  
Percentage : 99.3 74.9 3.4  
Totals : 4,822 3,638 164

# City of Shoreline

Public Works

17544 Midvale Ave N

Loc. ID : NE 155 St

Roadway : 8 Ave NE

Site: 49

Date: 11/05/04

Location : w/o

Direction: EB

| Begin Time       | Total | 1-19 MPH | 20-21 MPH | 22-23 MPH | 24-25 MPH | 26-27 MPH | 28-29 MPH | 30-31 MPH | 32-33 MPH | 34-35 MPH | 36-37 MPH | 38-39 MPH | 40-41 MPH | 42-99 MPH | Avg |
|------------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM            | 43    | 0        | 0         | 0         | 1         | 2         | 5         | 7         | 10        | 8         | 2         | 6         | 2         | 0         | 33  |
| 01:00            | 20    | 0        | 0         | 0         | 0         | 0         | 3         | 0         | 5         | 6         | 6         | 0         | 0         | 0         | 34  |
| 02:00            | 14    | 0        | 0         | 0         | 0         | 1         | 1         | 0         | 3         | 1         | 3         | 5         | 0         | 0         | 35  |
| 03:00            | 7     | 0        | 1         | 0         | 0         | 0         | 1         | 1         | 1         | 2         | 1         | 0         | 0         | 0         | 31  |
| 04:00            | 9     | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 3         | 1         | 1         | 1         | 1         | 2         | *   |
| 05:00            | 25    | 0        | 0         | 2         | 2         | 2         | 1         | 4         | 5         | 4         | 3         | 0         | 1         | 1         | 33  |
| 06:00            | 67    | 0        | 0         | 2         | 4         | 0         | 7         | 8         | 16        | 11        | 6         | 8         | 2         | 3         | 34  |
| 07:00            | 255   | 1        | 3         | 8         | 17        | 11        | 36        | 47        | 56        | 40        | 17        | 8         | 7         | 4         | 32  |
| 08:00            | 526   | 1        | 2         | 3         | 15        | 41        | 72        | 109       | 116       | 78        | 50        | 16        | 16        | 7         | 32  |
| 09:00            | 418   | 1        | 2         | 4         | 20        | 44        | 65        | 83        | 87        | 56        | 33        | 14        | 8         | 1         | 31  |
| 10:00            | 319   | 0        | 0         | 5         | 8         | 15        | 29        | 49        | 83        | 60        | 31        | 26        | 8         | 5         | 33  |
| 11:00            | 242   | 0        | 0         | 6         | 11        | 8         | 19        | 28        | 52        | 53        | 40        | 16        | 6         | 3         | 33  |
| 12:PM            | 220   | 0        | 0         | 1         | 6         | 8         | 27        | 35        | 37        | 46        | 32        | 13        | 10        | 5         | 34  |
| 01:00            | 257   | 11       | 1         | 3         | 0         | 5         | 20        | 43        | 54        | 50        | 33        | 19        | 13        | 5         | 33  |
| 02:00            | 276   | 0        | 1         | 8         | 5         | 8         | 26        | 43        | 60        | 47        | 41        | 20        | 8         | 9         | 34  |
| 03:00            | 319   | 1        | 2         | 6         | 10        | 23        | 41        | 59        | 78        | 50        | 29        | 15        | 2         | 3         | 32  |
| 04:00            | 358   | 0        | 3         | 7         | 12        | 23        | 59        | 69        | 69        | 52        | 30        | 21        | 10        | 3         | 32  |
| 05:00            | 411   | 14       | 5         | 9         | 25        | 50        | 70        | 84        | 55        | 47        | 28        | 13        | 8         | 3         | 30  |
| 06:00            | 355   | 0        | 2         | 10        | 20        | 23        | 43        | 75        | 82        | 51        | 25        | 14        | 4         | 6         | 32  |
| 07:00            | 286   | 1        | 5         | 3         | 8         | 10        | 33        | 53        | 72        | 55        | 21        | 15        | 8         | 2         | 32  |
| 08:00            | 206   | 0        | 1         | 2         | 7         | 21        | 21        | 43        | 48        | 30        | 17        | 10        | 4         | 2         | 32  |
| 09:00            | 139   | 0        | 1         | 4         | 5         | 8         | 19        | 22        | 29        | 24        | 10        | 8         | 5         | 4         | 33  |
| 10:00            | 108   | 1        | 1         | 5         | 3         | 5         | 16        | 18        | 16        | 15        | 10        | 11        | 3         | 4         | 33  |
| 11:00            | 113   | 0        | 2         | 1         | 8         | 5         | 18        | 20        | 20        | 19        | 8         | 6         | 3         | 3         | 33  |
| Daily Totals     | 4,993 | 31       | 32        | 89        | 187       | 313       | 632       | 900       | 1,057     | 806       | 477       | 265       | 129       | 75        | 32  |
| Percent of Total |       | 0.6      | 0.6       | 1.8       | 3.7       | 6.3       | 12.7      | 18.0      | 21.2      | 16.1      | 9.6       | 5.3       | 2.6       | 1.5       |     |

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 27.0 | 28.3 | 32.6 | 36.8 | 37.9 |

10 MPH Pace Speed : 28 - 38  
Number in pace : 3,872  
% in pace : 77.5

|                |          |        |        |
|----------------|----------|--------|--------|
| Speed Exceeded | : 20 MPH | 30 MPH | 40 MPH |
| Percentage     | : 99.4   | 74.3   | 4.1    |
| Totals         | : 4,962  | 3,709  | 204    |

# City of Shoreline

Public Works

17544 Midvale Ave N

Loc. ID : NE 155 St

Site: 49

Roadway : 8 Ave NE

Date: 11/06/04

Location : w/o

Direction: EB

| Begin Time | Total | 1-19 MPH | 20-21 MPH | 22-23 MPH | 24-25 MPH | 26-27 MPH | 28-29 MPH | 30-31 MPH | 32-33 MPH | 34-35 MPH | 36-37 MPH | 38-39 MPH | 40-41 MPH | 42-99 MPH | Avg |
|------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM      | 76    | 1        | 1         | 1         | 2         | 4         | 3         | 7         | 19        | 16        | 9         | 7         | 5         | 1         | 34  |
| 01:00      | 45    | 0        | 2         | 1         | 0         | 4         | 6         | 6         | 9         | 9         | 2         | 3         | 2         | 1         | 33  |
| 02:00      | 25    | 0        | 0         | 2         | 0         | 0         | 1         | 2         | 5         | 6         | 5         | 0         | 0         | 4         | 39  |
| 03:00      | 25    | 0        | 0         | 1         | 2         | 1         | 2         | 2         | 3         | 3         | 3         | 4         | 2         | 2         | 36  |
| 04:00      | 20    | 0        | 0         | 0         | 1         | 0         | 1         | 3         | 3         | 3         | 4         | 3         | 1         | 1         | 36  |
| 05:00      | 17    | 0        | 0         | 1         | 0         | 1         | 1         | 3         | 1         | 3         | 2         | 3         | 1         | 1         | 35  |
| 06:00      | 20    | 1        | 0         | 0         | 2         | 1         | 2         | 3         | 4         | 3         | 1         | 1         | 1         | 1         | 33  |
| 07:00      | 78    | 0        | 0         | 0         | 3         | 2         | 8         | 10        | 21        | 16        | 4         | 5         | 3         | 6         | 36  |
| 08:00      | 106   | 1        | 0         | 2         | 2         | 4         | 9         | 16        | 26        | 22        | 12        | 8         | 2         | 2         | 33  |
| 09:00      | 168   | 1        | 0         | 3         | 4         | 3         | 16        | 25        | 47        | 30        | 17        | 13        | 6         | 3         | 33  |
| 10:00      | 243   | 0        | 0         | 4         | 7         | 16        | 32        | 40        | 53        | 45        | 27        | 7         | 7         | 5         | 33  |
| 11:00      | 239   | 0        | 2         | 3         | 7         | 8         | 31        | 42        | 61        | 45        | 23        | 10        | 6         | 1         | 32  |
| 12:PM      | 312   | 1        | 2         | 5         | 5         | 21        | 37        | 56        | 68        | 62        | 33        | 14        | 4         | 4         | 33  |
| 01:00      | 317   | 3        | 1         | 4         | 15        | 20        | 60        | 56        | 68        | 52        | 26        | 9         | 3         | 0         | 31  |
| 02:00      | 296   | 0        | 1         | 7         | 13        | 12        | 39        | 52        | 67        | 60        | 20        | 19        | 3         | 3         | 32  |
| 03:00      | 317   | 0        | 0         | 9         | 6         | 27        | 59        | 68        | 73        | 35        | 22        | 6         | 8         | 4         | 32  |
| 04:00      | 307   | 0        | 0         | 4         | 10        | 20        | 37        | 55        | 72        | 61        | 27        | 9         | 8         | 4         | 33  |
| 05:00      | 280   | 0        | 0         | 1         | 10        | 16        | 50        | 56        | 67        | 47        | 16        | 13        | 4         | 0         | 32  |
| 06:00      | 255   | 7        | 5         | 12        | 15        | 17        | 32        | 47        | 46        | 33        | 16        | 17        | 4         | 4         | 31  |
| 07:00      | 223   | 0        | 0         | 3         | 8         | 7         | 51        | 60        | 47        | 27        | 9         | 6         | 3         | 2         | 31  |
| 08:00      | 154   | 0        | 2         | 7         | 9         | 9         | 27        | 22        | 37        | 20        | 12        | 5         | 1         | 3         | 32  |
| 09:00      | 125   | 0        | 0         | 2         | 5         | 6         | 18        | 29        | 24        | 23        | 10        | 4         | 1         | 3         | 33  |
| 10:00      | 98    | 0        | 0         | 1         | 7         | 6         | 6         | 18        | 26        | 13        | 10        | 5         | 4         | 2         | 33  |
| 11:00      | 113   | 1        | 3         | 2         | 4         | 9         | 10        | 14        | 19        | 24        | 17        | 5         | 2         | 3         | 33  |
| Daily      | 3,859 | 16       | 19        | 75        | 137       | 214       | 538       | 692       | 866       | 658       | 327       | 176       | 81        | 60        | 32  |

Totals

|                  |     |     |     |     |     |      |      |      |      |     |     |     |     |
|------------------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|
| Percent of Total | 0.4 | 0.5 | 1.9 | 3.6 | 5.5 | 13.9 | 17.9 | 22.4 | 17.1 | 8.5 | 4.6 | 2.1 | 1.6 |
|------------------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 27.3 | 28.4 | 32.6 | 36.4 | 37.6 |

10 MPH Pace Speed : 28 - 38

Number in pace : 3,081

% in pace : 79.8

|                |          |        |        |
|----------------|----------|--------|--------|
| Speed Exceeded | : 20 MPH | 30 MPH | 40 MPH |
| Percentage     | : 99.6   | 74.1   | 3.7    |
| Totals         | : 3,843  | 2,860  | 141    |

# City of Shoreline

Public Works

17544 Midvale Ave N

Loc. ID : NE 155 St

Roadway : 8 Ave NE

Site: 49

Date: 11/07/04

Location : w/o

Direction: EB

| Begin Time       | Total | 1-19 MPH | 20-21 MPH | 22-23 MPH | 24-25 MPH | 26-27 MPH | 28-29 MPH | 30-31 MPH | 32-33 MPH | 34-35 MPH | 36-37 MPH | 38-39 MPH | 40-41 MPH | 42-99 MPH | Avg |
|------------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM            | 68    | 0        | 0         | 0         | 3         | 11        | 7         | 9         | 17        | 9         | 6         | 3         | 2         | 1         | 32  |
| 01:00            | 40    | 0        | 0         | 0         | 2         | 3         | 1         | 4         | 11        | 8         | 7         | 2         | 0         | 2         | 35  |
| 02:00            | 27    | 0        | 0         | 0         | 0         | 2         | 6         | 8         | 5         | 2         | 1         | 1         | 2         | 0         | 32  |
| 03:00            | 24    | 0        | 0         | 0         | 1         | 1         | 4         | 2         | 3         | 7         | 0         | 5         | 1         | 0         | 33  |
| 04:00            | 12    | 0        | 0         | 0         | 0         | 0         | 2         | 4         | 3         | 1         | 1         | 1         | 0         | 0         | 32  |
| 05:00            | 17    | 0        | 1         | 0         | 1         | 1         | 2         | 2         | 4         | 2         | 1         | 2         | 1         | 0         | 32  |
| 06:00            | 14    | 0        | 0         | 0         | 0         | 0         | 3         | 2         | 3         | 0         | 1         | 3         | 1         | 1         | 36  |
| 07:00            | 46    | 0        | 0         | 0         | 3         | 1         | 2         | 6         | 7         | 15        | 5         | 3         | 3         | 1         | 34  |
| 08:00            | 78    | 0        | 0         | 3         | 3         | 4         | 7         | 9         | 9         | 18        | 10        | 8         | 4         | 3         | 34  |
| 09:00            | 135   | 0        | 3         | 1         | 2         | 7         | 9         | 13        | 29        | 37        | 18        | 6         | 5         | 5         | 34  |
| 10:00            | 210   | 1        | 0         | 1         | 3         | 6         | 26        | 33        | 48        | 52        | 19        | 11        | 10        | 0         | 33  |
| 11:00            | 225   | 1        | 3         | 4         | 5         | 9         | 24        | 44        | 48        | 40        | 23        | 16        | 6         | 2         | 33  |
| 12:PM            | 259   | 1        | 0         | 5         | 6         | 10        | 34        | 58        | 53        | 50        | 18        | 20        | 2         | 2         | 32  |
| 01:00            | 301   | 0        | 2         | 5         | 8         | 23        | 54        | 36        | 79        | 41        | 37        | 12        | 1         | 3         | 32  |
| 02:00            | 257   | 0        | 0         | 2         | 5         | 14        | 42        | 43        | 45        | 58        | 27        | 14        | 5         | 2         | 33  |
| 03:00            | 299   | 0        | 1         | 8         | 13        | 19        | 49        | 49        | 66        | 41        | 22        | 21        | 7         | 3         | 32  |
| 04:00            | 278   | 3        | 2         | 2         | 15        | 13        | 36        | 36        | 72        | 47        | 28        | 13        | 9         | 2         | 32  |
| 05:00            | 295   | 0        | 1         | 4         | 12        | 27        | 63        | 50        | 55        | 52        | 15        | 10        | 4         | 2         | 31  |
| 06:00            | 234   | 0        | 1         | 3         | 11        | 23        | 46        | 36        | 50        | 40        | 12        | 8         | 3         | 1         | 31  |
| 07:00            | 184   | 1        | 1         | 2         | 6         | 9         | 19        | 42        | 43        | 32        | 13        | 7         | 7         | 2         | 32  |
| 08:00            | 133   | 0        | 2         | 2         | 2         | 11        | 21        | 22        | 31        | 24        | 8         | 6         | 2         | 2         | 32  |
| 09:00            | 96    | 0        | 0         | 0         | 8         | 6         | 11        | 11        | 23        | 16        | 9         | 3         | 4         | 5         | 34  |
| 10:00            | 92    | 0        | 1         | 2         | 4         | 5         | 10        | 10        | 19        | 13        | 16        | 6         | 3         | 3         | 34  |
| 11:00            | 54    | 0        | 0         | 0         | 3         | 2         | 4         | 5         | 15        | 14        | 7         | 2         | 1         | 1         | 33  |
| Daily Totals     | 3,378 | 7        | 18        | 44        | 116       | 207       | 482       | 534       | 738       | 619       | 304       | 183       | 83        | 43        | 32  |
| Percent of Total |       | 0.2      | 0.5       | 1.3       | 3.4       | 6.1       | 14.3      | 15.8      | 21.8      | 18.3      | 9.0       | 5.4       | 2.5       | 1.3       |     |

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 27.5 | 28.5 | 32.8 | 36.7 | 37.8 |

10 MPH Pace Speed : 28 - 38  
Number in pace : 2,677  
% in pace : 79.2

|                |          |        |        |
|----------------|----------|--------|--------|
| Speed Exceeded | : 20 MPH | 30 MPH | 40 MPH |
| Percentage     | : 99.8   | 74.1   | 3.7    |
| Totals         | : 3,371  | 2,504  | 126    |

# City of Shoreline

Public Works

17544 Midvale Ave N

Loc. ID : NE 155 St

Roadway : 8 Ave NE

Site: 49

Date: 11/08/04

Location : w/o

Direction: EB

| Begin Time       | Total | 1-19 MPH | 20-21 MPH | 22-23 MPH | 24-25 MPH | 26-27 MPH | 28-29 MPH | 30-31 MPH | 32-33 MPH | 34-35 MPH | 36-37 MPH | 38-39 MPH | 40-41 MPH | 42-99 MPH | Avg |
|------------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM            | 42    | 0        | 1         | 0         | 0         | 4         | 6         | 5         | 4         | 7         | 7         | 6         | 1         | 1         | 34  |
| 01:00            | 16    | 0        | 0         | 2         | 1         | 0         | 2         | 2         | 6         | 2         | 0         | 1         | 0         | 0         | 31  |
| 02:00            | 11    | 0        | 0         | 0         | 0         | 0         | 4         | 1         | 1         | 2         | 1         | 1         | 0         | 1         | 35  |
| 03:00            | 8     | 0        | 0         | 1         | 0         | 0         | 2         | 0         | 1         | 2         | 2         | 0         | 0         | 0         | 32  |
| 04:00            | 12    | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 4         | 3         | 3         | 1         | 0         | 36  |
| 05:00            | 27    | 0        | 0         | 0         | 2         | 5         | 2         | 2         | 2         | 9         | 3         | 1         | 0         | 1         | 33  |
| 06:00            | 66    | 0        | 0         | 1         | 3         | 7         | 8         | 14        | 11        | 8         | 4         | 3         | 4         | 3         | 33  |
| 07:00            | 271   | 0        | 0         | 4         | 8         | 7         | 25        | 44        | 71        | 50        | 31        | 18        | 7         | 6         | 34  |
| 08:00            | 538   | 7        | 0         | 9         | 22        | 39        | 63        | 92        | 128       | 92        | 48        | 24        | 9         | 5         | 32  |
| 09:00            | 462   | 2        | 2         | 11        | 18        | 24        | 74        | 81        | 104       | 78        | 39        | 22        | 7         | 0         | 32  |
| 10:00            | 262   | 0        | 2         | 5         | 5         | 7         | 36        | 52        | 47        | 54        | 23        | 11        | 16        | 4         | 33  |
| 11:00            | 231   | 1        | 0         | 4         | 1         | 6         | 23        | 35        | 60        | 49        | 25        | 20        | 5         | 2         | 33  |
| 12:PM            | 248   | 0        | 0         | 2         | 9         | 14        | 26        | 27        | 60        | 51        | 29        | 17        | 9         | 4         | 33  |
| 01:00            | 262   | 0        | 0         | 3         | 9         | 12        | 26        | 43        | 54        | 57        | 33        | 18        | 2         | 5         | 33  |
| 02:00            | 273   | 4        | 3         | 9         | 9         | 15        | 42        | 42        | 58        | 45        | 26        | 15        | 5         | 0         | 31  |
| 03:00            | 290   | 2        | 0         | 7         | 5         | 12        | 24        | 36        | 59        | 64        | 38        | 25        | 12        | 6         | 34  |
| 04:00            | 314   | 1        | 1         | 2         | 7         | 21        | 49        | 53        | 73        | 46        | 29        | 18        | 10        | 4         | 33  |
| 05:00            | 353   | 0        | 2         | 1         | 13        | 21        | 54        | 59        | 84        | 58        | 35        | 11        | 8         | 7         | 33  |
| 06:00            | 355   | 1        | 3         | 9         | 16        | 31        | 55        | 70        | 68        | 56        | 30        | 11        | 4         | 1         | 31  |
| 07:00            | 277   | 1        | 4         | 2         | 8         | 23        | 33        | 53        | 67        | 37        | 20        | 10        | 10        | 9         | 33  |
| 08:00            | 181   | 0        | 0         | 2         | 5         | 13        | 18        | 27        | 50        | 33        | 17        | 10        | 4         | 2         | 33  |
| 09:00            | 115   | 0        | 0         | 3         | 6         | 9         | 16        | 18        | 17        | 22        | 12        | 10        | 1         | 1         | 32  |
| 10:00            | 110   | 0        | 0         | 2         | 5         | 1         | 7         | 17        | 27        | 22        | 12        | 11        | 4         | 2         | 34  |
| 11:00            | 69    | 0        | 0         | 0         | 1         | 2         | 9         | 12        | 21        | 13        | 7         | 3         | 0         | 1         | 33  |
| Daily Totals     | 4,793 | 19       | 18        | 79        | 153       | 274       | 604       | 785       | 1,073     | 861       | 474       | 269       | 119       | 65        | 33  |
| Percent of Total |       | 0.4      | 0.4       | 1.6       | 3.2       | 5.7       | 12.6      | 16.4      | 22.4      | 18.0      | 9.9       | 5.6       | 2.5       | 1.4       |     |

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 27.5 | 28.6 | 32.9 | 36.9 | 37.9 |

10 MPH Pace Speed : 28 - 38  
Number in pace : 3,797  
% in pace : 79.2

Speed Exceeded : 20 MPH 30 MPH 40 MPH  
Percentage : 99.6 76.1 3.8  
Totals : 4,774 3,646 184

# City of Shoreline

Public Works

17544 Midvale Ave N

Loc. ID : NE 155 St

Roadway : 8 Ave NE

Site: 49

Date: 11/09/04

Location : w/o

Direction: EB

| Begin Time       | Total | 1-19 MPH | 20-21 MPH | 22-23 MPH | 24-25 MPH | 26-27 MPH | 28-29 MPH | 30-31 MPH | 32-33 MPH | 34-35 MPH | 36-37 MPH | 38-39 MPH | 40-41 MPH | 42-99 MPH | Avg |
|------------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM            | 53    | 0        | 0         | 0         | 2         | 1         | 5         | 4         | 8         | 9         | 11        | 5         | 7         | 1         | 35  |
| 01:00            | 15    | 0        | 0         | 0         | 1         | 1         | 2         | 3         | 1         | 4         | 0         | 0         | 0         | 3         | 39  |
| 02:00            | 14    | 0        | 0         | 0         | 0         | 1         | 0         | 2         | 5         | 4         | 1         | 0         | 1         | 0         | 33  |
| 03:00            | 12    | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 4         | 2         | 3         | 1         | 1         | 0         | 35  |
| 04:00            | 8     | 0        | 0         | 0         | 0         | 0         | 1         | 2         | 3         | 0         | 0         | 1         | 1         | 0         | 33  |
| 05:00            | 28    | 0        | 0         | 1         | 0         | 2         | 4         | 3         | 5         | 6         | 1         | 4         | 1         | 1         | 34  |
| 06:00            | 65    | 2        | 1         | 0         | 4         | 2         | 8         | 4         | 11        | 12        | 8         | 7         | 3         | 3         | 34  |
| 07:00            | 278   | 0        | 0         | 1         | 8         | 14        | 32        | 45        | 61        | 51        | 45        | 16        | 4         | 1         | 33  |
| 08:00            | 538   | 5        | 3         | 12        | 17        | 35        | 79        | 95        | 123       | 98        | 47        | 14        | 7         | 3         | 32  |
| 09:00            | 432   | 7        | 5         | 16        | 19        | 28        | 52        | 102       | 81        | 56        | 34        | 20        | 9         | 3         | 31  |
| 10:00            | 286   | 0        | 2         | 9         | 15        | 19        | 38        | 50        | 59        | 47        | 22        | 18        | 6         | 1         | 32  |
| 11:00            | 217   | 0        | 1         | 2         | 5         | 11        | 23        | 31        | 47        | 45        | 30        | 17        | 3         | 2         | 33  |
| 12:PM            | 256   | 0        | 1         | 1         | 7         | 15        | 35        | 37        | 51        | 54        | 27        | 13        | 11        | 4         | 33  |
| 01:00            | 251   | 2        | 1         | 1         | 3         | 9         | 16        | 37        | 67        | 48        | 33        | 25        | 7         | 2         | 33  |
| 02:00            | 230   | 1        | 2         | 4         | 7         | 24        | 57        | 43        | 40        | 27        | 14        | 7         | 3         | 1         | 31  |
| 03:00            | 323   | 4        | 0         | 7         | 10        | 24        | 54        | 60        | 71        | 41        | 27        | 12        | 6         | 7         | 32  |
| 04:00            | 348   | 3        | 2         | 2         | 21        | 22        | 55        | 80        | 70        | 46        | 24        | 14        | 7         | 2         | 31  |
| 05:00            | 325   | 1        | 2         | 7         | 13        | 23        | 51        | 65        | 76        | 49        | 19        | 12        | 3         | 4         | 32  |
| 06:00            | 394   | 3        | 1         | 11        | 22        | 43        | 67        | 83        | 86        | 44        | 20        | 8         | 3         | 3         | 31  |
| 07:00            | 276   | 3        | 3         | 4         | 9         | 22        | 33        | 43        | 84        | 39        | 21        | 8         | 5         | 2         | 32  |
| 08:00            | 179   | 0        | 1         | 1         | 6         | 12        | 25        | 41        | 31        | 30        | 19        | 9         | 4         | 0         | 32  |
| 09:00            | 129   | 0        | 1         | 1         | 6         | 10        | 10        | 27        | 26        | 17        | 15        | 8         | 5         | 3         | 33  |
| 10:00            | 101   | 0        | 0         | 1         | 2         | 10        | 14        | 17        | 15        | 19        | 12        | 10        | 0         | 1         | 33  |
| 11:00            | 82    | 0        | 1         | 0         | 4         | 3         | 3         | 13        | 13        | 18        | 8         | 10        | 6         | 3         | 35  |
| Daily Totals     | 4,840 | 31       | 27        | 81        | 181       | 331       | 664       | 888       | 1,038     | 766       | 441       | 239       | 103       | 50        | 32  |
| Percent of Total |       | 0.6      | 0.6       | 1.7       | 3.7       | 6.8       | 13.7      | 18.3      | 21.4      | 15.8      | 9.1       | 4.9       | 2.1       | 1.0       |     |

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 27.0 | 28.2 | 32.4 | 36.5 | 37.6 |

10 MPH Pace Speed : 28 - 38  
 Number in pace : 3,797  
 % in pace : 78.5

|                |          |        |        |
|----------------|----------|--------|--------|
| Speed Exceeded | : 20 MPH | 30 MPH | 40 MPH |
| Percentage     | : 99.4   | 72.8   | 3.2    |
| Totals         | : 4,809  | 3,525  | 153    |

# City of Shoreline

Public Works

17544 Midvale Ave N

Loc. ID : NE 155 St

Roadway : 8 Ave NE

Site: 49

Date: 11/10/04

Location : w/o

Direction: EB

| Begin Time   | Total | 1-19 MPH | 20-21 MPH | 22-23 MPH | 24-25 MPH | 26-27 MPH | 28-29 MPH | 30-31 MPH | 32-33 MPH | 34-35 MPH | 36-37 MPH | 38-39 MPH | 40-41 MPH | 42-99 MPH | Avg |
|--------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM        | 48    | 0        | 0         | 1         | 1         | 2         | 5         | 10        | 4         | 10        | 7         | 4         | 1         | 3         | 35  |
| 01:00        | 16    | 0        | 0         | 0         | 2         | 1         | 5         | 2         | 1         | 2         | 2         | 0         | 0         | 1         | 33  |
| 02:00        | 18    | 0        | 0         | 1         | 0         | 3         | 1         | 3         | 3         | 2         | 2         | 2         | 1         | 0         | 32  |
| 03:00        | 6     | 0        | 0         | 0         | 1         | 0         | 0         | 1         | 2         | 1         | 0         | 1         | 0         | 0         | 32  |
| 04:00        | 14    | 0        | 0         | 0         | 1         | 0         | 1         | 1         | 1         | 3         | 3         | 4         | 0         | 0         | 34  |
| 05:00        | 22    | 0        | 0         | 0         | 0         | 2         | 3         | 5         | 5         | 3         | 1         | 2         | 1         | 0         | 32  |
| 06:00        | 71    | 4        | 0         | 1         | 1         | 8         | 10        | 6         | 7         | 14        | 9         | 5         | 6         | 0         | 32  |
| 07:00        | 271   | 1        | 1         | 0         | 5         | 8         | 33        | 35        | 79        | 48        | 34        | 17        | 7         | 3         | 33  |
| 08:00        | 549   | 2        | 2         | 6         | 18        | 51        | 85        | 105       | 125       | 81        | 49        | 19        | 4         | 2         | 31  |
| 09:00        | 402   | 1        | 2         | 5         | 17        | 16        | 52        | 84        | 89        | 70        | 38        | 14        | 11        | 3         | 32  |
| 10:00        | 273   | 0        | 1         | 0         | 10        | 10        | 23        | 52        | 51        | 60        | 32        | 17        | 13        | 4         | 33  |
| 11:00        | 252   | 0        | 3         | 5         | 12        | 14        | 25        | 38        | 57        | 48        | 21        | 15        | 7         | 7         | 33  |
| 12:PM        | 246   | 0        | 2         | 0         | 4         | 7         | 23        | 27        | 75        | 42        | 29        | 21        | 12        | 4         | 34  |
| 01:00        | 255   | 2        | 1         | 6         | 4         | 8         | 13        | 32        | 68        | 58        | 36        | 20        | 5         | 2         | 33  |
| 02:00        | 225   | 1        | 1         | 2         | 6         | 7         | 13        | 21        | 59        | 54        | 33        | 16        | 7         | 5         | 34  |
| 03:00        | 321   | 0        | 0         | 1         | 7         | 19        | 39        | 44        | 78        | 56        | 36        | 25        | 9         | 7         | 34  |
| 04:00        | 330   | 0        | 3         | 7         | 11        | 16        | 39        | 55        | 67        | 68        | 34        | 17        | 8         | 5         | 33  |
| 05:00        | 331   | 0        | 1         | 10        | 13        | 17        | 46        | 54        | 70        | 72        | 28        | 12        | 5         | 3         | 32  |
| 06:00        | 398   | 11       | 11        | 5         | 21        | 41        | 64        | 80        | 71        | 46        | 26        | 12        | 6         | 4         | 31  |
| 07:00        | 309   | 2        | 1         | 8         | 15        | 19        | 42        | 68        | 74        | 36        | 21        | 17        | 3         | 3         | 32  |
| 08:00        | 220   | 1        | 1         | 4         | 5         | 11        | 29        | 40        | 56        | 30        | 25        | 10        | 5         | 3         | 32  |
| 09:00        | 130   | 0        | 1         | 3         | 1         | 6         | 19        | 19        | 41        | 20        | 13        | 3         | 3         | 1         | 32  |
| 10:00        | 128   | 0        | 1         | 0         | 6         | 11        | 20        | 22        | 27        | 22        | 8         | 6         | 3         | 2         | 32  |
| 11:00        | 96    | 0        | 1         | 1         | 8         | 5         | 9         | 15        | 21        | 16        | 8         | 3         | 1         | 8         | 35  |
| Daily Totals | 4,931 | 25       | 33        | 66        | 169       | 282       | 599       | 819       | 1,131     | 862       | 495       | 262       | 118       | 70        | 33  |

|                  |     |     |     |     |     |      |      |      |      |      |     |     |     |
|------------------|-----|-----|-----|-----|-----|------|------|------|------|------|-----|-----|-----|
| Percent of Total | 0.5 | 0.7 | 1.3 | 3.4 | 5.7 | 12.1 | 16.6 | 22.9 | 17.5 | 10.0 | 5.3 | 2.4 | 1.4 |
|------------------|-----|-----|-----|-----|-----|------|------|------|------|------|-----|-----|-----|

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 27.4 | 28.6 | 32.8 | 36.8 | 37.8 |

10 MPH Pace Speed : 28 - 38  
 Number in pace : 3,906  
 % in pace : 79.2

|                |          |        |        |
|----------------|----------|--------|--------|
| Speed Exceeded | : 20 MPH | 30 MPH | 40 MPH |
| Percentage     | : 99.5   | 76.2   | 3.8    |
| Totals         | : 4,906  | 3,757  | 188    |