

# City of Shoreline

Public Works

17544 Midvale Ave N

Location : NW RICHMOND BEACH RD

Cross-St : 8 AVE NW

Site:

Date: 05/14/04

Direction : e/o

Direction: WB

| Begin Time       | Total | 1-21 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 | 42-43 MPH | 44-99 MPH | Avg |
|------------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 01:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 02:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 03:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 04:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 05:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 06:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 07:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 08:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 09:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 10:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 11:00            | 263   | 14       | 6         | 15        | 29        | 40        | 38        | 42        | 26        | 18        | 7         | 6         | 2         | 20        | 33  |
| 12:PM            | 430   | 32       | 9         | 20        | 46        | 53        | 69        | 71        | 53        | 23        | 15        | 9         | 4         | 26        | 32  |
| 01:00            | 454   | 25       | 11        | 31        | 31        | 70        | 71        | 59        | 60        | 36        | 17        | 8         | 5         | 30        | 33  |
| 02:00            | 536   | 29       | 14        | 34        | 47        | 72        | 91        | 93        | 49        | 38        | 21        | 10        | 6         | 32        | 32  |
| 03:00            | 567   | 26       | 27        | 24        | 30        | 75        | 97        | 112       | 61        | 39        | 16        | 7         | 3         | 50        | 34  |
| 04:00            | 558   | 42       | 14        | 25        | 39        | 79        | 82        | 86        | 71        | 39        | 22        | 8         | 2         | 49        | 33  |
| 05:00            | 606   | 22       | 19        | 26        | 52        | 80        | 94        | 105       | 71        | 49        | 31        | 19        | 4         | 34        | 33  |
| 06:00            | 526   | 13       | 9         | 22        | 44        | 61        | 77        | 104       | 90        | 35        | 25        | 16        | 5         | 25        | 33  |
| 07:00            | 430   | 10       | 12        | 15        | 20        | 40        | 59        | 87        | 70        | 49        | 29        | 11        | 7         | 21        | 34  |
| 08:00            | 360   | 10       | 5         | 11        | 31        | 37        | 67        | 67        | 67        | 29        | 14        | 4         | 3         | 15        | 33  |
| 09:00            | 351   | 7        | 4         | 13        | 35        | 65        | 73        | 64        | 43        | 20        | 7         | 2         | 2         | 16        | 32  |
| 10:00            | 245   | 3        | 4         | 8         | 17        | 27        | 47        | 44        | 34        | 22        | 17        | 8         | 4         | 10        | 34  |
| 11:00            | 203   | 2        | 0         | 6         | 8         | 20        | 32        | 38        | 38        | 36        | 13        | 4         | 2         | 4         | 34  |
| Daily            | 5,529 | 235      | 134       | 250       | 429       | 719       | 897       | 972       | 733       | 433       | 234       | 112       | 49        | 332       | 33  |
| Totals           |       |          |           |           |           |           |           |           |           |           |           |           |           |           |     |
| Percent of Total |       | 4.3      | 2.4       | 4.5       | 7.8       | 13.0      | 16.2      | 17.6      | 13.3      | 7.8       | 4.2       | 2.0       | 0.9       | 6.0       |     |

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 25.5 | 27.0 | 32.2 | 37.5 | 39.5 |

10 MPH Pace Speed : 28 - 38  
Number in pace : 3,754  
% in pace : **67.9**

Speed Exceeded : **20 MPH**      **30 MPH**      **40 MPH**  
Percentage : 95.7      68.0      8.9  
Totals : 5,294      3,762      493

# City of Shoreline

Public Works

17544 Midvale Ave N

Location : NW RICHMOND BEACH RD

Cross-St : 8 AVE NW

Direction : e/o

Site:

Date: 05/15/04

Direction: WB

| Begin Time       | Total | 1-21 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 | 42-43 MPH | 44-99 MPH | Avg |
|------------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM            | 115   | 1        | 1         | 2         | 2         | 12        | 15        | 28        | 25        | 13        | 11        | 2         | 0         | 3         | 34  |
| 01:00            | 76    | 0        | 0         | 1         | 3         | 5         | 8         | 15        | 26        | 8         | 5         | 4         | 1         | 0         | 34  |
| 02:00            | 45    | 3        | 0         | 2         | 0         | 4         | 7         | 10        | 11        | 4         | 1         | 2         | 1         | 0         | 32  |
| 03:00            | 33    | 0        | 0         | 2         | 2         | 5         | 4         | 7         | 6         | 3         | 2         | 0         | 1         | 1         | 33  |
| 04:00            | 26    | 3        | 0         | 1         | 2         | 1         | 4         | 3         | 4         | 4         | 3         | 1         | 0         | 0         | 31  |
| 05:00            | 50    | 1        | 1         | 2         | 7         | 4         | 1         | 13        | 3         | 7         | 5         | 5         | 0         | 1         | 33  |
| 06:00            | 79    | 0        | 1         | 1         | 2         | 8         | 11        | 18        | 11        | 8         | 8         | 5         | 1         | 5         | 36  |
| 07:00            | 142   | 2        | 0         | 6         | 12        | 17        | 25        | 32        | 22        | 11        | 10        | 1         | 2         | 2         | 32  |
| 08:00            | 280   | 8        | 3         | 9         | 20        | 42        | 51        | 51        | 42        | 26        | 12        | 6         | 1         | 9         | 33  |
| 09:00            | 346   | 13       | 15        | 12        | 30        | 41        | 62        | 63        | 43        | 26        | 14        | 8         | 3         | 16        | 32  |
| 10:00            | 407   | 11       | 8         | 17        | 28        | 62        | 64        | 86        | 52        | 31        | 19        | 8         | 2         | 19        | 33  |
| 11:00            | 441   | 22       | 14        | 23        | 36        | 61        | 67        | 77        | 46        | 29        | 9         | 13        | 4         | 40        | 34  |
| 12:PM            | 480   | 23       | 14        | 11        | 46        | 69        | 65        | 85        | 59        | 35        | 25        | 15        | 0         | 33        | 33  |
| 01:00            | 507   | 19       | 9         | 27        | 43        | 88        | 95        | 95        | 57        | 28        | 15        | 3         | 3         | 25        | 32  |
| 02:00            | 455   | 9        | 9         | 17        | 34        | 75        | 74        | 89        | 54        | 34        | 21        | 9         | 4         | 26        | 33  |
| 03:00            | 494   | 15       | 25        | 26        | 43        | 77        | 84        | 65        | 61        | 38        | 13        | 12        | 4         | 31        | 33  |
| 04:00            | 468   | 10       | 11        | 29        | 33        | 77        | 67        | 90        | 62        | 35        | 19        | 8         | 5         | 22        | 33  |
| 05:00            | 467   | 16       | 12        | 17        | 29        | 70        | 81        | 99        | 56        | 37        | 18        | 7         | 2         | 23        | 33  |
| 06:00            | 391   | 10       | 7         | 17        | 29        | 44        | 57        | 84        | 58        | 25        | 23        | 16        | 2         | 19        | 33  |
| 07:00            | 335   | 7        | 2         | 11        | 19        | 49        | 53        | 80        | 43        | 33        | 14        | 4         | 5         | 15        | 33  |
| 08:00            | 292   | 3        | 4         | 9         | 15        | 38        | 46        | 59        | 64        | 24        | 14        | 9         | 1         | 6         | 33  |
| 09:00            | 277   | 5        | 5         | 15        | 21        | 43        | 51        | 65        | 36        | 22        | 7         | 2         | 2         | 3         | 31  |
| 10:00            | 228   | 3        | 4         | 6         | 16        | 23        | 39        | 55        | 38        | 18        | 15        | 4         | 0         | 7         | 33  |
| 11:00            | 185   | 1        | 3         | 4         | 4         | 18        | 27        | 49        | 32        | 20        | 19        | 3         | 1         | 4         | 34  |
| Daily Totals     | 6,619 | 185      | 148       | 267       | 476       | 933       | 1,058     | 1,318     | 911       | 519       | 302       | 147       | 45        | 310       | 33  |
| Percent of Total |       | 2.8      | 2.2       | 4.0       | 7.2       | 14.1      | 16.0      | 19.9      | 13.8      | 7.8       | 4.6       | 2.2       | 0.7       | 4.7       |     |

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 26.3 | 27.7 | 32.4 | 37.3 | 38.9 |

10 MPH Pace Speed : 28 - 38  
 Number in pace : 4,739  
 % in pace : 71.6

Speed Exceeded : 20 MPH 30 MPH 40 MPH  
 Percentage : 97.2 69.6 7.6  
 Totals : 6,434 4,610 502

# City of Shoreline

Public Works

17544 Midvale Ave N

Location : NW RICHMOND BEACH RD

Cross-St : 8 AVE NW

Direction : e/o

Site:

Date: 05/16/04

Direction: WB

| Begin Time       | Total | 1-21 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 | 42-43 MPH | 44-99 MPH | Avg |
|------------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM            | 91    | 3        | 1         | 1         | 3         | 10        | 12        | 26        | 15        | 13        | 2         | 2         | 2         | 1         | 33  |
| 01:00            | 76    | 0        | 0         | 0         | 1         | 4         | 17        | 13        | 16        | 13        | 3         | 4         | 3         | 2         | 35  |
| 02:00            | 49    | 1        | 1         | 0         | 1         | 3         | 7         | 10        | 8         | 10        | 4         | 1         | 2         | 1         | 34  |
| 03:00            | 23    | 0        | 0         | 2         | 3         | 1         | 5         | 0         | 7         | 3         | 1         | 0         | 1         | 0         | 32  |
| 04:00            | 23    | 0        | 0         | 0         | 1         | 2         | 6         | 2         | 4         | 3         | 0         | 3         | 1         | 1         | 35  |
| 05:00            | 27    | 0        | 0         | 3         | 2         | 1         | 3         | 5         | 5         | 3         | 2         | 0         | 2         | 1         | 34  |
| 06:00            | 37    | 1        | 2         | 1         | 2         | 6         | 5         | 4         | 3         | 3         | 0         | 3         | 2         | 5         | 37  |
| 07:00            | 84    | 3        | 0         | 1         | 6         | 6         | 11        | 24        | 8         | 9         | 10        | 1         | 2         | 3         | 34  |
| 08:00            | 146   | 2        | 4         | 3         | 8         | 19        | 18        | 36        | 24        | 15        | 10        | 2         | 0         | 5         | 33  |
| 09:00            | 246   | 6        | 7         | 8         | 16        | 23        | 41        | 44        | 40        | 33        | 10        | 5         | 2         | 11        | 33  |
| 10:00            | 302   | 10       | 7         | 15        | 20        | 45        | 52        | 48        | 40        | 29        | 16        | 6         | 2         | 12        | 33  |
| 11:00            | 292   | 3        | 3         | 11        | 29        | 39        | 48        | 52        | 40        | 31        | 17        | 5         | 5         | 9         | 33  |
| 12:PM            | 418   | 9        | 7         | 10        | 37        | 51        | 72        | 80        | 54        | 41        | 18        | 10        | 3         | 26        | 34  |
| 01:00            | 416   | 10       | 6         | 15        | 21        | 47        | 66        | 91        | 58        | 36        | 25        | 9         | 4         | 28        | 34  |
| 02:00            | 404   | 15       | 9         | 15        | 21        | 62        | 68        | 79        | 55        | 32        | 10        | 13        | 3         | 22        | 33  |
| 03:00            | 462   | 15       | 8         | 20        | 40        | 50        | 64        | 108       | 65        | 36        | 22        | 8         | 5         | 21        | 33  |
| 04:00            | 473   | 7        | 6         | 25        | 35        | 46        | 72        | 102       | 71        | 52        | 23        | 12        | 6         | 16        | 33  |
| 05:00            | 411   | 7        | 9         | 10        | 16        | 54        | 57        | 78        | 73        | 47        | 27        | 11        | 4         | 18        | 34  |
| 06:00            | 423   | 9        | 6         | 10        | 28        | 52        | 75        | 76        | 66        | 37        | 28        | 13        | 2         | 21        | 34  |
| 07:00            | 307   | 3        | 5         | 7         | 19        | 30        | 56        | 56        | 44        | 41        | 16        | 16        | 4         | 10        | 34  |
| 08:00            | 306   | 4        | 3         | 11        | 14        | 35        | 62        | 53        | 51        | 37        | 12        | 9         | 6         | 9         | 33  |
| 09:00            | 221   | 3        | 4         | 7         | 12        | 35        | 36        | 51        | 34        | 23        | 8         | 4         | 1         | 3         | 32  |
| 10:00            | 141   | 0        | 0         | 7         | 8         | 22        | 17        | 32        | 24        | 19        | 6         | 3         | 1         | 2         | 33  |
| 11:00            | 86    | 1        | 0         | 2         | 3         | 4         | 11        | 18        | 22        | 10        | 9         | 4         | 0         | 2         | 34  |
| Daily Totals     | 5,464 | 112      | 88        | 184       | 346       | 647       | 881       | 1,088     | 827       | 576       | 279       | 144       | 63        | 229       | 33  |
| Percent of Total |       | 2.0      | 1.6       | 3.4       | 6.3       | 11.8      | 16.1      | 19.9      | 15.1      | 10.5      | 5.1       | 2.6       | 1.2       | 4.2       |     |

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 26.9 | 28.3 | 32.9 | 37.6 | 39.2 |

10 MPH Pace Speed : 28 - 38  
 Number in pace : 4,019  
 % in pace : 73.6

Speed Exceeded : 20 MPH 30 MPH 40 MPH  
 Percentage : 98.0 74.8 8.0  
 Totals : 5,352 4,087 436

# City of Shoreline

Public Works  
17544 Midvale Ave N

Location : NW RICHMOND BEACH RD

Cross-St : 8 AVE NW

Site:

Date: 05/17/04

Direction : e/o

Direction: WB

| Begin Time       | Total | 1-21 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 | 42-43 MPH | 44-99 MPH | Avg |
|------------------|-------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 12:AM            | 52    | 1        | 1         | 1         | 2         | 9         | 7         | 6         | 10        | 5         | 4         | 2         | 1         | 3         | 35  |
| 01:00            | 25    | 1        | 0         | 0         | 2         | 0         | 4         | 8         | 3         | 3         | 3         | 1         | 0         | 0         | 33  |
| 02:00            | 23    | 0        | 1         | 1         | 2         | 2         | 1         | 6         | 5         | 4         | 1         | 0         | 0         | 0         | 32  |
| 03:00            | 18    | 0        | 0         | 0         | 1         | 0         | 1         | 6         | 4         | 3         | 1         | 0         | 0         | 2         | 38  |
| 04:00            | 28    | 3        | 1         | 0         | 1         | 3         | 1         | 3         | 5         | 2         | 8         | 0         | 0         | 1         | 33  |
| 05:00            | 47    | 1        | 0         | 0         | 2         | 4         | 10        | 11        | 7         | 6         | 3         | 1         | 1         | 1         | 33  |
| 06:00            | 117   | 5        | 1         | 4         | 8         | 21        | 11        | 19        | 14        | 8         | 9         | 7         | 0         | 10        | 35  |
| 07:00            | 267   | 3        | 2         | 7         | 14        | 35        | 51        | 48        | 41        | 20        | 14        | 9         | 5         | 18        | 35  |
| 08:00            | 330   | 9        | 10        | 13        | 20        | 35        | 52        | 66        | 46        | 29        | 17        | 6         | 1         | 26        | 34  |
| 09:00            | 0     | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0   |
| 10:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 11:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 12:PM            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 01:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 02:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 03:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 04:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 05:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 06:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 07:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 08:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 09:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 10:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| 11:00            | *     | *        | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *         | *   |
| Daily            | 907   | 23       | 16        | 26        | 52        | 109       | 138       | 173       | 135       | 80        | 60        | 26        | 8         | 61        | 34  |
| Totals           |       |          |           |           |           |           |           |           |           |           |           |           |           |           |     |
| Percent of Total |       | 2.5      | 1.8       | 2.9       | 5.7       | 12.0      | 15.2      | 19.1      | 14.9      | 8.8       | 6.6       | 2.9       | 0.9       | 6.7       |     |

|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Percentile Speeds | 10%  | 15%  | 50%  | 85%  | 90%  |
|                   | 27.0 | 28.4 | 33.0 | 38.6 | 40.4 |

10 MPH Pace Speed : 28 - 38  
Number in pace : 635  
% in pace : **70.0**

Speed Exceeded : **20 MPH** **30 MPH** **40 MPH**  
Percentage : 97.5 75.1 10.5  
Totals : 884 681 95