

ROADWAY TRAFFIC SURVEY

Roadway: SE 8TH AVENUE  
 Location: WEST OF UNION AVENUE  
 Direction: WEST BOUND  
 Date: 4/15/3  
 Day of Week: TUESDAY  
 Axles per Vehicles: 2

Traffic Smithy  
 Traffic Survey Service  
 (503) 641-6333

| Hour of Day | :00-:05 | :05-:10 | :10-:15 | :15-:20 | :20-:25 | :25-:30 | :30-:35 | :35-:40 | :40-:45 | :45-:50 | :50-:55 | :55-:00 | Hour Tot. |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| 00-01       | 0       | 0       | 2       | 2       | 0       | 0       | 1       | 0       | 1       | 1       | 1       | 0       | 8         |
| 01-02       | 0       | 0       | 1       | 1       | 0       | 0       | 0       | 0       | 0       | 1       | 0       | 0       | 3         |
| 02-03       | 1       | 1       | 2       | 0       | 2       | 1       | 2       | 0       | 0       | 2       | 0       | 0       | 11        |
| 03-04       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 1       | 1       | 0       | 0       | 2         |
| 04-05       | 0       | 0       | 0       | 1       | 0       | 1       | 0       | 0       | 3       | 0       | 1       | 0       | 6         |
| 05-06       | 0       | 0       | 0       | 1       | 0       | 2       | 1       | 0       | 0       | 1       | 0       | 1       | 6         |
| 06-07       | 2       | 3       | 2       | 0       | 3       | 0       | 1       | 1       | 1       | 0       | 0       | 6       | 19        |
| 07-08       | 0       | 4       | 4       | 3       | 2       | 1       | 5       | 6       | 4       | 4       | 4       | 2       | 39        |
| 08-09       | 6       | 1       | 1       | 1       | 1       | 2       | 2       | 1       | 2       | 2       | 3       | 2       | 24        |
| 09-10       | 3       | 3       | 4       | 5       | 1       | 3       | 4       | 4       | 5       | 5       | 5       | 3       | 45        |
| 10-11       | 4       | 3       | 7       | 3       | 7       | 7       | 3       | 2       | 2       | 2       | 7       | 5       | 52        |
| 11-12       | 8       | 2       | 2       | 2       | 7       | 6       | 5       | 3       | 3       | 10      | 2       | 7       | 57        |
| 12-13       | 6       | 3       | 3       | 2       | 5       | 5       | 4       | 10      | 11      | 8       | 6       | 5       | 68        |
| 13-14       | 7       | 4       | 2       | 7       | 4       | 6       | 5       | 4       | 6       | 1       | 2       | 4       | 52        |
| 14-15       | 3       | 0       | 5       | 4       | 2       | 6       | 4       | 6       | 4       | 8       | 7       | 5       | 54        |
| 15-16       | 10      | 8       | 12      | 6       | 2       | 6       | 11      | 5       | 9       | 9       | 15      | 5       | 98        |
| 16-17       | 6       | 6       | 9       | 3       | 4       | 3       | 10      | 4       | 8       | 5       | 10      | 5       | 73        |
| 17-18       | 2       | 7       | 7       | 11      | 6       | 3       | 3       | 3       | 5       | 4       | 8       | 3       | 62        |
| 18-19       | 7       | 2       | 8       | 6       | 3       | 6       | 3       | 6       | 3       | 7       | 10      | 5       | 66        |
| 19-20       | 4       | 5       | 3       | 2       | 3       | 2       | 1       | 2       | 4       | 3       | 4       | 3       | 36        |
| 20-21       | 2       | 1       | 2       | 0       | 1       | 4       | 4       | 1       | 2       | 2       | 2       | 1       | 22        |
| 21-22       | 2       | 0       | 1       | 0       | 2       | 3       | 1       | 4       | 0       | 2       | 2       | 0       | 17        |
| 22-23       | 2       | 0       | 2       | 0       | 0       | 0       | 3       | 2       | 0       | 0       | 1       | 0       | 10        |
| 23-24       | 0       | 0       | 1       | 4       | 0       | 0       | 0       | 2       | 0       | 1       | 1       | 0       | 9         |

Daily Total: 839  
 AM Peak Hour (10:50-11:50) 60      7.15 % of Daily Total  
 PM Peak Hour (15:00-16:00) 98      11.68% of Daily Total  
 4th Highest Hour (18:00-19:00) 66      7.87 % of Daily Total  
 8th Highest Hour (10:00-11:00) 52      6.2 % of Daily Total

DELAY USED 70

99-93-93( 16864.CAP)

# ROADWAY TRAFFIC SURVEY

Roadway: se 8th avenue  
 Location: WEST OF UNION AVENUE  
 Direction: EAST BOUND  
 Date: 4/15/3  
 Day of Week: TUESDAY  
 Axles per Vehicles: 2

Traffic Smithy  
 Traffic Survey Service  
 (503) 641-6333

| Hour<br>of Day | :00-<br>:05 | :05-<br>:10 | :10-<br>:15 | :15-<br>:20 | :20-<br>:25 | :25-<br>:30 | :30-<br>:35 | :35-<br>:40 | :40-<br>:45 | :45-<br>:50 | :50-<br>:55 | :55-<br>:00 | Hour<br>Tot. |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 00-01          | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1           | 0           | 0           | 1           | 0           | 4            |
| 01-02          | 0           | 1           | 0           | 1           | 1           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 5            |
| 02-03          | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 0           | 1           | 1           | 1           | 1           | 6            |
| 03-04          | 0           | 1           | 2           | 1           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 5            |
| 04-05          | 0           | 0           | 1           | 0           | 0           | 1           | 0           | 1           | 0           | 0           | 0           | 0           | 3            |
| 05-06          | 0           | 1           | 0           | 0           | 1           | 0           | 2           | 2           | 0           | 2           | 1           | 2           | 11           |
| 06-07          | 5           | 3           | 5           | 3           | 3           | 0           | 1           | 2           | 6           | 2           | 3           | 4           | 37           |
| 07-08          | 3           | 5           | 2           | 4           | 4           | 2           | 0           | 3           | 3           | 4           | 1           | 0           | 31           |
| 08-09          | 2           | 6           | 4           | 4           | 3           | 6           | 5           | 1           | 3           | 2           | 4           | 2           | 42           |
| 09-10          | 6           | 4           | 1           | 2           | 5           | 5           | 6           | 3           | 7           | 6           | 3           | 5           | 53           |
| 10-11          | 7           | 8           | 2           | 5           | 7           | 10          | 11          | 1           | 1           | 7           | 2           | 6           | 67           |
| 11-12          | 0           | 2           | 8           | 3           | 3           | 1           | 6           | 4           | 4           | 4           | 6           | 10          | 51           |
| 12-13          | 6           | 1           | 7           | 1           | 2           | 6           | 2           | 15          | 3           | 10          | 9           | 5           | 67           |
| 13-14          | 6           | 9           | 6           | 4           | 2           | 3           | 5           | 1           | 1           | 4           | 5           | 5           | 51           |
| 14-15          | 2           | 3           | 3           | 9           | 3           | 3           | 7           | 3           | 1           | 1           | 5           | 9           | 49           |
| 15-16          | 7           | 9           | 11          | 2           | 7           | 8           | 3           | 6           | 4           | 5           | 4           | 9           | 75           |
| 16-17          | 5           | 4           | 4           | 2           | 6           | 5           | 11          | 7           | 7           | 3           | 9           | 4           | 67           |
| 17-18          | 7           | 8           | 5           | 7           | 9           | 3           | 2           | 8           | 1           | 2           | 2           | 8           | 62           |
| 18-19          | 9           | 6           | 11          | 7           | 6           | 4           | 5           | 1           | 5           | 4           | 2           | 3           | 63           |
| 19-20          | 6           | 3           | 2           | 3           | 4           | 0           | 4           | 4           | 0           | 0           | 1           | 3           | 30           |
| 20-21          | 1           | 5           | 1           | 1           | 0           | 1           | 1           | 1           | 1           | 6           | 9           | 6           | 33           |
| 21-22          | 4           | 2           | 3           | 3           | 1           | 1           | 0           | 3           | 1           | 0           | 2           | 1           | 21           |
| 22-23          | 3           | 1           | 0           | 1           | 0           | 2           | 0           | 1           | 0           | 0           | 1           | 0           | 9            |
| 23-24          | 1           | 0           | 0           | 0           | 1           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 4            |

|                                    |                       |
|------------------------------------|-----------------------|
| Daily Total: 846                   |                       |
| AM Peak Hour (09:35-01:35) 74      | 8.75 % of Daily Total |
| PM Peak Hour (16:25-17:25) 82      | 9.69 % of Daily Total |
| 4th Highest Hour (16:00-17:00 ) 67 | 7.92 % of Daily Total |
| 8th Highest Hour (11:00-12:00 ) 51 | 6.03 % of Daily Total |

DELAY USED      70

69-65-97(    16851.cap)

# ROADWAY TRAFFIC SURVEY

adway: SE 8TH AVENUE  
 Location: EAST OF UNION AVENUE  
 Direction: WEST BOUND  
 Date: 4/15/3  
 Day of Week: TUESDAY  
 Axles per Vehicles: 2

Traffic Smithy  
 Traffic Survey Service  
 (503) 641-6333

| Hour<br>of Day | :00-<br>:05 | :05-<br>:10 | :10-<br>:15 | :15-<br>:20 | :20-<br>:25 | :25-<br>:30 | :30-<br>:35 | :35-<br>:40 | :40-<br>:45 | :45-<br>:50 | :50-<br>:55 | :55-<br>:00 | Hour<br>Tot. |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 00-01          | 0           | 0           | 4           | 2           | 0           | 1           | 0           | 1           | 0           | 0           | 2           | 0           | 10           |
| 01-02          | 2           | 0           | 2           | 0           | 0           | 2           | 0           | 0           | 0           | 0           | 0           | 0           | 6            |
| 02-03          | 2           | 1           | 2           | 0           | 1           | 1           | 0           | 0           | 1           | 0           | 0           | 3           | 11           |
| 03-04          | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 0           | 0           | 3            |
| 04-05          | 3           | 0           | 1           | 0           | 0           | 1           | 1           | 3           | 2           | 1           | 2           | 2           | 16           |
| 05-06          | 2           | 2           | 2           | 1           | 2           | 3           | 1           | 3           | 7           | 6           | 1           | 10          | 40           |
| 06-07          | 5           | 7           | 7           | 7           | 18          | 9           | 6           | 17          | 10          | 15          | 8           | 15          | 124          |
| 07-08          | 5           | 12          | 14          | 11          | 9           | 10          | 23          | 16          | 15          | 18          | 5           | 6           | 144          |
| 08-09          | 10          | 8           | 6           | 5           | 9           | 15          | 8           | 7           | 7           | 10          | 6           | 6           | 97           |
| 09-10          | 14          | 3           | 8           | 5           | 7           | 10          | 15          | 12          | 14          | 14          | 17          | 13          | 132          |
| 10-11          | 18          | 11          | 10          | 12          | 8           | 17          | 5           | 12          | 12          | 10          | 17          | 13          | 145          |
| 11-12          | 10          | 16          | 6           | 9           | 13          | 11          | 13          | 9           | 9           | 15          | 9           | 16          | 136          |
| 12-13          | 18          | 20          | 19          | 12          | 9           | 19          | 18          | 20          | 13          | 14          | 12          | 13          | 187          |
| 13-14          | 17          | 8           | 10          | 17          | 12          | 9           | 8           | 10          | 4           | 18          | 12          | 15          | 140          |
| 14-15          | 5           | 7           | 13          | 14          | 10          | 8           | 13          | 11          | 17          | 23          | 17          | 9           | 147          |
| 15-16          | 15          | 15          | 16          | 10          | 13          | 18          | 17          | 16          | 19          | 22          | 22          | 13          | 196          |
| 16-17          | 17          | 21          | 15          | 13          | 9           | 14          | 28          | 17          | 16          | 24          | 23          | 15          | 212          |
| 17-18          | 15          | 12          | 16          | 18          | 9           | 11          | 8           | 13          | 10          | 13          | 14          | 12          | 151          |
| 18-19          | 11          | 11          | 15          | 12          | 12          | 8           | 9           | 6           | 9           | 9           | 16          | 8           | 126          |
| 19-20          | 5           | 11          | 6           | 14          | 8           | 6           | 11          | 12          | 7           | 2           | 11          | 7           | 100          |
| 20-21          | 2           | 5           | 4           | 6           | 3           | 9           | 7           | 2           | 2           | 1           | 4           | 1           | 46           |
| 21-22          | 6           | 5           | 3           | 7           | 5           | 4           | 4           | 3           | 2           | 2           | 1           | 3           | 45           |
| 22-23          | 4           | 3           | 5           | 2           | 0           | 3           | 0           | 2           | 2           | 5           | 4           | 1           | 31           |
| 23-24          | 6           | 2           | 1           | 2           | 4           | 2           | 0           | 4           | 1           | 2           | 1           | 2           | 27           |

|                                |      |                       |
|--------------------------------|------|-----------------------|
| Daily Total:                   | 2272 |                       |
| AM Peak Hour (09:30-01:30)     | 161  | 7.09 % of Daily Total |
| PM Peak Hour (16:00-17:00)     | 212  | 9.33 % of Daily Total |
| 4th Highest Hour (17:00-18:00) | 151  | 6.65 % of Daily Total |
| 8th Highest Hour (13:00-14:00) | 140  | 6.16 % of Daily Total |

DELAY USED      70

99-87-87(      16841.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: SE 8TH AVENUE  
 Location: EAST OF UNION AVENUE  
 Direction: EAST BOUND  
 Date: 4/15/3  
 Day of Week: TUESDAY  
 Axles per Vehicles: 2

Traffic Smithy  
 Traffic Survey Service  
 (503) 641-6333

| Hour of Day | :00-:05 | :05-:10 | :10-:15 | :15-:20 | :20-:25 | :25-:30 | :30-:35 | :35-:40 | :40-:45 | :45-:50 | :50-:55 | :55-:00 | Hour Tot. |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| 00-01       | 1       | 0       | 1       | 0       | 1       | 0       | 1       | 1       | 0       | 3       | 0       | 1       | 9         |
| 01-02       | 2       | 3       | 0       | 0       | 0       | 5       | 1       | 0       | 0       | 1       | 1       | 0       | 13        |
| 02-03       | 1       | 0       | 0       | 0       | 0       | 1       | 0       | 1       | 1       | 0       | 1       | 0       | 5         |
| 03-04       | 0       | 1       | 1       | 1       | 2       | 1       | 0       | 0       | 0       | 0       | 0       | 0       | 6         |
| 04-05       | 2       | 0       | 1       | 1       | 0       | 3       | 0       | 2       | 2       | 1       | 5       | 0       | 17        |
| 05-06       | 1       | 0       | 1       | 0       | 3       | 0       | 2       | 4       | 1       | 1       | 7       | 3       | 23        |
| 06-07       | 2       | 7       | 2       | 2       | 6       | 3       | 4       | 9       | 5       | 4       | 2       | 4       | 50        |
| 07-08       | 5       | 6       | 9       | 9       | 5       | 5       | 3       | 7       | 9       | 7       | 7       | 7       | 79        |
| 08-09       | 3       | 3       | 7       | 8       | 1       | 3       | 6       | 7       | 9       | 15      | 4       | 6       | 72        |
| 09-10       | 7       | 14      | 8       | 3       | 10      | 7       | 6       | 11      | 9       | 11      | 11      | 7       | 104       |
| 10-11       | 10      | 9       | 10      | 9       | 16      | 11      | 8       | 10      | 8       | 12      | 11      | 10      | 124       |
| 11-12       | 9       | 12      | 12      | 9       | 13      | 9       | 6       | 13      | 17      | 14      | 17      | 7       | 138       |
| 12-13       | 22      | 18      | 17      | 4       | 13      | 12      | 10      | 12      | 13      | 13      | 11      | 11      | 156       |
| 13-14       | 12      | 10      | 15      | 5       | 11      | 10      | 9       | 11      | 12      | 7       | 14      | 10      | 126       |
| 14-15       | 7       | 9       | 13      | 13      | 10      | 13      | 13      | 13      | 13      | 13      | 10      | 12      | 139       |
| 15-16       | 10      | 15      | 16      | 9       | 13      | 16      | 18      | 26      | 20      | 18      | 13      | 7       | 181       |
| 16-17       | 17      | 14      | 17      | 6       | 5       | 9       | 22      | 18      | 19      | 11      | 12      | 11      | 161       |
| 17-18       | 20      | 15      | 12      | 6       | 9       | 8       | 9       | 14      | 7       | 15      | 13      | 15      | 143       |
| 18-19       | 8       | 14      | 12      | 2       | 7       | 8       | 9       | 7       | 5       | 9       | 3       | 6       | 90        |
| 19-20       | 7       | 5       | 9       | 7       | 9       | 8       | 8       | 3       | 6       | 3       | 3       | 5       | 73        |
| 20-21       | 1       | 2       | 3       | 3       | 4       | 5       | 3       | 3       | 3       | 7       | 8       | 2       | 44        |
| 21-22       | 5       | 3       | 1       | 3       | 2       | 6       | 0       | 1       | 0       | 2       | 4       | 2       | 29        |
| 22-23       | 3       | 0       | 1       | 0       | 1       | 5       | 1       | 0       | 3       | 4       | 0       | 2       | 20        |
| 23-24       | 0       | 1       | 0       | 0       | 4       | 2       | 1       | 0       | 0       | 3       | 0       | 0       | 11        |

Daily Total: 1813  
 AM Peak Hour (10:55-11:55) 141      7.78 % of Daily Total  
 PM Peak Hour (15:15-16:15) 188      10.37% of Daily Total  
 4th Highest Hour (17:00-18:00) 143      7.89 % of Daily Total  
 8th Highest Hour (10:00-11:00) 124      6.84 % of Daily Total

DELAY USED 70

99-89-89( 16833.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: UNION AVENUE  
 Location: NORTH OF SE 8TH AVENUE  
 Direction: SOUTH BOUND  
 Date: 4/15/3  
 Day of Week: TUESDAY  
 Axles per Vehicles: 2

Traffic Smithy  
 Traffic Survey Service  
 (503) 641-6333

| Hour<br>of Day | :00-<br>:05 | :05-<br>:10 | :10-<br>:15 | :15-<br>:20 | :20-<br>:25 | :25-<br>:30 | :30-<br>:35 | :35-<br>:40 | :40-<br>:45 | :45-<br>:50 | :50-<br>:55 | :55-<br>:00 | Hour<br>Tot. |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 00-01          | 2           | 5           | 2           | 1           | 1           | 0           | 0           | 5           | 7           | 1           | 3           | 1           | 28           |
| 01-02          | 5           | 3           | 3           | 3           | 0           | 2           | 0           | 0           | 0           | 0           | 2           | 4           | 22           |
| 02-03          | 8           | 0           | 6           | 3           | 0           | 4           | 3           | 7           | 0           | 1           | 0           | 1           | 33           |
| 03-04          | 3           | 6           | 0           | 7           | 2           | 6           | 0           | 3           | 0           | 1           | 0           | 1           | 29           |
| 04-05          | 2           | 0           | 3           | 3           | 0           | 3           | 1           | 3           | 3           | 5           | 1           | 0           | 22           |
| 05-06          | 2           | 2           | 0           | 2           | 3           | 1           | 12          | 3           | 2           | 16          | 5           | 4           | 52           |
| 06-07          | 3           | 13          | 4           | 6           | 2           | 8           | 9           | 5           | 12          | 11          | 7           | 8           | 88           |
| 07-08          | 5           | 10          | 9           | 23          | 10          | 15          | 13          | 16          | 11          | 23          | 11          | 9           | 155          |
| 08-09          | 6           | 12          | 6           | 12          | 3           | 10          | 10          | 9           | 8           | 18          | 9           | 11          | 114          |
| 09-10          | 17          | 12          | 15          | 10          | 15          | 17          | 12          | 14          | 11          | 13          | 21          | 7           | 164          |
| 10-11          | 8           | 3           | 17          | 13          | 12          | 16          | 12          | 9           | 18          | 11          | 14          | 9           | 142          |
| 11-12          | 25          | 18          | 10          | 15          | 11          | 4           | 13          | 17          | 19          | 24          | 14          | 16          | 186          |
| 12-13          | 18          | 21          | 17          | 9           | 20          | 15          | 20          | 18          | 17          | 19          | 19          | 26          | 219          |
| 13-14          | 16          | 16          | 19          | 18          | 17          | 13          | 21          | 17          | 19          | 13          | 20          | 13          | 202          |
| 14-15          | 15          | 28          | 12          | 19          | 17          | 17          | 21          | 17          | 17          | 16          | 32          | 17          | 228          |
| 15-16          | 13          | 16          | 21          | 23          | 21          | 16          | 42          | 29          | 40          | 31          | 18          | 17          | 287          |
| 16-17          | 25          | 22          | 22          | 12          | 19          | 19          | 15          | 17          | 27          | 12          | 20          | 18          | 228          |
| 17-18          | 22          | 15          | 14          | 13          | 16          | 17          | 10          | 20          | 13          | 6           | 13          | 21          | 180          |
| 18-19          | 16          | 13          | 20          | 5           | 14          | 14          | 10          | 13          | 8           | 12          | 11          | 5           | 141          |
| 19-20          | 9           | 7           | 22          | 6           | 18          | 8           | 7           | 10          | 7           | 8           | 4           | 8           | 114          |
| 20-21          | 1           | 6           | 14          | 13          | 2           | 23          | 8           | 4           | 6           | 10          | 11          | 3           | 101          |
| 21-22          | 6           | 3           | 3           | 13          | 3           | 15          | 1           | 3           | 11          | 4           | 5           | 4           | 71           |
| 22-23          | 1           | 2           | 6           | 2           | 1           | 6           | 11          | 3           | 4           | 6           | 2           | 4           | 48           |
| 23-24          | 8           | 1           | 4           | 4           | 11          | 4           | 8           | 7           | 4           | 4           | 4           | 2           | 61           |

Daily Total: 2915

AM Peak Hour (11:00-12:00) 186

6.38 % of Daily Total

PM Peak Hour (15:15-16:15) 306

10.5 % of Daily Total

4th Highest Hour (12:00-13:00) 219

7.51 % of Daily Total

8th Highest Hour (09:00-01:00) 164

5.63 % of Daily Total

DELAY USED 70

99-79-80( 16UN84.CAP)

# ROADWAY TRAFFIC SURVEY

Roadway: UNION AVENUE  
 Location: NORTH OF SE 8TH AVENUE  
 Direction: NORTH BOUND  
 Date: 4/15/3  
 Day of Week: TUESDAY  
 Axles per Vehicles: 2

Traffic Smithy  
 Traffic Survey Service  
 (503) 641-6333

| Hour of Day | :00-:05 | :05-:10 | :10-:15 | :15-:20 | :20-:25 | :25-:30 | :30-:35 | :35-:40 | :40-:45 | :45-:50 | :50-:55 | :55-:00 | Hour Tot. |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| 00-01       | 3       | 1       | 2       | 0       | 1       | 10      | 8       | 4       | 2       | 4       | 4       | 1       | 40        |
| 01-02       | 5       | 0       | 4       | 0       | 4       | 0       | 0       | 0       | 4       | 0       | 0       | 5       | 22        |
| 02-03       | 3       | 0       | 0       | 0       | 0       | 0       | 0       | 11      | 4       | 0       | 3       | 5       | 26        |
| 03-04       | 3       | 4       | 1       | 1       | 0       | 0       | 1       | 1       | 3       | 0       | 0       | 0       | 14        |
| 04-05       | 1       | 3       | 5       | 7       | 0       | 0       | 1       | 4       | 0       | 4       | 0       | 5       | 30        |
| 05-06       | 4       | 9       | 4       | 4       | 3       | 2       | 6       | 9       | 4       | 7       | 4       | 12      | 68        |
| 06-07       | 8       | 6       | 10      | 4       | 11      | 12      | 9       | 10      | 18      | 13      | 20      | 17      | 138       |
| 07-08       | 16      | 23      | 17      | 13      | 15      | 12      | 10      | 14      | 9       | 14      | 11      | 20      | 174       |
| 08-09       | 16      | 24      | 11      | 7       | 12      | 20      | 8       | 12      | 13      | 10      | 15      | 17      | 165       |
| 09-10       | 24      | 12      | 14      | 10      | 15      | 18      | 11      | 14      | 23      | 14      | 19      | 14      | 188       |
| 10-11       | 15      | 11      | 13      | 16      | 15      | 17      | 11      | 11      | 16      | 11      | 19      | 17      | 172       |
| 11-12       | 16      | 19      | 7       | 23      | 18      | 20      | 16      | 16      | 23      | 10      | 11      | 14      | 193       |
| 12-13       | 28      | 21      | 24      | 16      | 18      | 17      | 31      | 24      | 17      | 29      | 19      | 26      | 270       |
| 13-14       | 19      | 25      | 16      | 30      | 22      | 8       | 18      | 15      | 5       | 16      | 16      | 15      | 205       |
| 14-15       | 15      | 11      | 10      | 22      | 18      | 12      | 19      | 13      | 21      | 21      | 20      | 16      | 198       |
| 15-16       | 25      | 24      | 23      | 19      | 16      | 23      | 17      | 15      | 24      | 17      | 21      | 28      | 252       |
| 16-17       | 23      | 17      | 19      | 21      | 10      | 17      | 20      | 23      | 24      | 25      | 17      | 26      | 242       |
| 17-18       | 26      | 19      | 14      | 25      | 10      | 17      | 12      | 13      | 15      | 15      | 11      | 11      | 188       |
| 18-19       | 10      | 11      | 23      | 24      | 26      | 11      | 2       | 14      | 12      | 14      | 10      | 13      | 170       |
| 19-20       | 10      | 15      | 6       | 11      | 15      | 10      | 18      | 9       | 10      | 9       | 7       | 9       | 129       |
| 20-21       | 12      | 5       | 6       | 7       | 6       | 8       | 12      | 9       | 3       | 9       | 10      | 5       | 92        |
| 21-22       | 15      | 5       | 6       | 11      | 8       | 11      | 6       | 5       | 8       | 1       | 2       | 4       | 82        |
| 22-23       | 4       | 2       | 2       | 6       | 2       | 9       | 11      | 3       | 2       | 16      | 7       | 2       | 66        |
| 23-24       | 9       | 9       | 6       | 6       | 4       | 6       | 11      | 6       | 13      | 5       | 1       | 10      | 86        |

|                                |      |                       |
|--------------------------------|------|-----------------------|
| Daily Total:                   | 3210 |                       |
| AM Peak Hour (10:45-11:45)     | 205  | 6.39 % of Daily Total |
| PM Peak Hour (12:25-13:25)     | 275  | 8.57 % of Daily Total |
| 4th Highest Hour (13:00-14:00) | 205  | 6.39 % of Daily Total |
| 8th Highest Hour (17:00-18:00) | 188  | 5.86 % of Daily Total |

DELAY USED 70

99-82-82 ( 16UN53.CAP)

# ROADWAY TRAFFIC SURVEY

adway: UNION AVENUE  
 Location: SOUTH OF SE 8TH AVENUE  
 Direction: SOUTH BOUND  
 Date: 4/17/3  
 Day of Week: THURSDAY  
 Axles per Vehicles: 2

Traffic Smithy  
 Traffic Survey Service  
 (503) 641-6333

| Hour of Day | :00-:05 | :05-:10 | :10-:15 | :15-:20 | :20-:25 | :25-:30 | :30-:35 | :35-:40 | :40-:45 | :45-:50 | :50-:55 | :55-:00 | Hour Tot. |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| 00-01       | 7       | 3       | 1       | 6       | 0       | 1       | 0       | 2       | 0       | 3       | 1       | 1       | 25        |
| 01-02       | 7       | 3       | 3       | 0       | 4       | 1       | 0       | 1       | 4       | 4       | 1       | 3       | 31        |
| 02-03       | 5       | 0       | 5       | 0       | 0       | 5       | 3       | 4       | 0       | 0       | 1       | 0       | 23        |
| 03-04       | 1       | 5       | 3       | 0       | 0       | 0       | 9       | 2       | 4       | 1       | 2       | 6       | 33        |
| 04-05       | 3       | 2       | 1       | 3       | 1       | 7       | 1       | 2       | 1       | 1       | 1       | 2       | 25        |
| 05-06       | 1       | 3       | 5       | 5       | 0       | 6       | 12      | 12      | 4       | 6       | 4       | 5       | 63        |
| 06-07       | 12      | 8       | 15      | 8       | 13      | 19      | 10      | 18      | 14      | 13      | 19      | 11      | 160       |
| 07-08       | 16      | 20      | 24      | 11      | 13      | 21      | 26      | 22      | 18      | 15      | 14      | 17      | 217       |
| 08-09       | 16      | 17      | 11      | 13      | 14      | 16      | 12      | 12      | 22      | 18      | 14      | 22      | 187       |
| 09-10       | 20      | 11      | 11      | 9       | 15      | 17      | 14      | 18      | 25      | 8       | 14      | 8       | 170       |
| 10-11       | 17      | 19      | 12      | 10      | 15      | 14      | 11      | 13      | 22      | 14      | 13      | 19      | 179       |
| 11-12       | 22      | 15      | 21      | 18      | 12      | 18      | 16      | 25      | 20      | 22      | 16      | 16      | 221       |
| 12-13       | 19      | 30      | 20      | 19      | 12      | 20      | 16      | 15      | 14      | 16      | 11      | 12      | 204       |
| 13-14       | 16      | 16      | 13      | 12      | 18      | 18      | 21      | 24      | 13      | 18      | 19      | 12      | 200       |
| 14-15       | 12      | 11      | 19      | 17      | 13      | 17      | 19      | 25      | 23      | 16      | 24      | 17      | 213       |
| 15-16       | 9       | 12      | 23      | 21      | 23      | 14      | 26      | 21      | 20      | 20      | 18      | 10      | 217       |
| 16-17       | 14      | 18      | 19      | 20      | 16      | 19      | 28      | 19      | 16      | 17      | 16      | 13      | 215       |
| 17-18       | 19      | 17      | 12      | 18      | 14      | 26      | 14      | 19      | 20      | 13      | 15      | 14      | 201       |
| 18-19       | 31      | 16      | 16      | 7       | 10      | 13      | 13      | 8       | 7       | 9       | 7       | 14      | 151       |
| 19-20       | 9       | 7       | 12      | 23      | 6       | 9       | 9       | 6       | 11      | 4       | 8       | 9       | 113       |
| 20-21       | 10      | 10      | 5       | 15      | 9       | 10      | 6       | 10      | 4       | 14      | 11      | 10      | 114       |
| 21-22       | 6       | 15      | 12      | 9       | 6       | 5       | 6       | 2       | 7       | 7       | 3       | 3       | 81        |
| 22-23       | 5       | 2       | 4       | 5       | 3       | 6       | 3       | 7       | 2       | 7       | 6       | 5       | 55        |
| 23-24       | 9       | 4       | 5       | 5       | 11      | 6       | 6       | 15      | 8       | 8       | 3       | 9       | 89        |

|                                    |                       |
|------------------------------------|-----------------------|
| Daily Total: 3187                  |                       |
| AM Peak Hour (10:55-11:55) 224     | 7.03 % of Daily Total |
| PM Peak Hour (14:35-15:35) 233     | 7.31 % of Daily Total |
| 4th Highest Hour (16:00-17:00) 215 | 6.75 % of Daily Total |
| 8th Highest Hour (13:00-14:00) 200 | 6.28 % of Daily Total |

DELAY USED 70

98-91-93 ( 18UN69.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: UNION AVENUE  
 Location: SOUTH OF SE 8TH AVENUE  
 Direction: NORTH BOUND  
 Date: 4/15/3  
 Day of Week: TUESDAY  
 Axles per Vehicles: 2

Traffic Smithy  
 Traffic Survey Service  
 (503) 641-6333

| Hour of Day | :00-:05 | :05-:10 | :10-:15 | :15-:20 | :20-:25 | :25-:30 | :30-:35 | :35-:40 | :40-:45 | :45-:50 | :50-:55 | :55-:00 | Hour Tot. |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| 00-01       | 3       | 1       | 2       | 1       | 0       | 9       | 10      | 6       | 1       | 8       | 0       | 1       | 42        |
| 01-02       | 3       | 0       | 3       | 1       | 5       | 5       | 0       | 0       | 4       | 0       | 0       | 5       | 26        |
| 02-03       | 4       | 0       | 0       | 0       | 1       | 0       | 2       | 13      | 5       | 1       | 4       | 5       | 35        |
| 03-04       | 3       | 8       | 1       | 1       | 2       | 0       | 0       | 1       | 5       | 0       | 0       | 0       | 21        |
| 04-05       | 0       | 5       | 4       | 10      | 0       | 1       | 5       | 2       | 2       | 4       | 3       | 5       | 41        |
| 05-06       | 2       | 6       | 3       | 5       | 3       | 4       | 8       | 9       | 2       | 4       | 5       | 13      | 64        |
| 06-07       | 5       | 4       | 12      | 4       | 10      | 8       | 7       | 15      | 14      | 9       | 19      | 12      | 119       |
| 07-08       | 13      | 27      | 16      | 9       | 13      | 12      | 13      | 13      | 6       | 8       | 16      | 22      | 168       |
| 08-09       | 17      | 18      | 12      | 5       | 6       | 12      | 6       | 18      | 13      | 18      | 11      | 20      | 156       |
| 09-10       | 16      | 19      | 13      | 10      | 13      | 16      | 13      | 8       | 22      | 12      | 15      | 12      | 169       |
| 10-11       | 14      | 10      | 13      | 14      | 17      | 11      | 13      | 6       | 14      | 11      | 12      | 16      | 151       |
| 11-12       | 14      | 10      | 8       | 19      | 20      | 24      | 12      | 16      | 20      | 6       | 9       | 13      | 171       |
| 12-13       | 24      | 18      | 18      | 9       | 22      | 16      | 22      | 13      | 17      | 35      | 16      | 23      | 233       |
| 13-14       | 17      | 21      | 11      | 27      | 15      | 9       | 15      | 18      | 7       | 4       | 12      | 10      | 166       |
| 14-15       | 15      | 9       | 10      | 27      | 14      | 12      | 18      | 14      | 17      | 17      | 18      | 15      | 186       |
| 15-16       | 24      | 25      | 16      | 18      | 13      | 17      | 16      | 20      | 22      | 8       | 12      | 24      | 215       |
| 16-17       | 21      | 15      | 10      | 18      | 9       | 14      | 21      | 17      | 18      | 17      | 12      | 19      | 191       |
| 17-18       | 22      | 17      | 18      | 12      | 15      | 14      | 12      | 16      | 17      | 17      | 15      | 9       | 184       |
| 18-19       | 13      | 9       | 21      | 21      | 20      | 12      | 6       | 15      | 14      | 17      | 14      | 14      | 176       |
| 19-20       | 11      | 13      | 4       | 3       | 12      | 9       | 17      | 5       | 6       | 9       | 6       | 8       | 103       |
| 20-21       | 10      | 3       | 6       | 8       | 4       | 6       | 6       | 8       | 3       | 11      | 9       | 6       | 80        |
| 21-22       | 13      | 3       | 7       | 7       | 2       | 12      | 3       | 6       | 7       | 0       | 3       | 3       | 66        |
| 22-23       | 3       | 1       | 2       | 3       | 2       | 11      | 12      | 5       | 5       | 14      | 3       | 4       | 65        |
| 23-24       | 6       | 7       | 6       | 7       | 1       | 4       | 10      | 4       | 10      | 7       | 3       | 7       | 72        |

Daily Total: 2900  
 AM Peak Hour (10:45-11:45) 182      6.28 % of Daily Total  
 PM Peak Hour (12:20-13:20) 240      8.28 % of Daily Total  
 4th Highest Hour (14:00-15:00 )186      6.41 % of Daily Total  
 8th Highest Hour (09:00-01:00 )169      5.83 % of Daily Total

DELAY USED      70

95-85-88( 18UNA3.CAP)