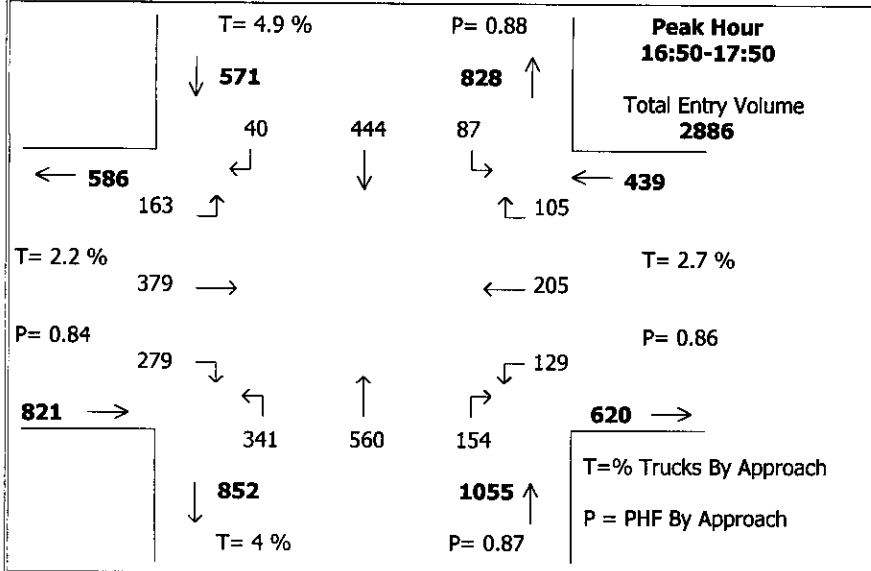


INTERSECTION TURN MOVEMENT SUMMARY REPORT

File: JLMSLM



LOCATION:

NE 162ND AVE AT NE FOURTH PLAIN RD
VANCOUVER, WA

Date: **09/04/03** Day: **THU**
From: **16:00-18:00**

Report Prepared for:
CITY OF VANCOUVER

Surveyed By:
TRAFFIC SMITHY, INC
1225 NW Murray Blvd, Suite 111
Portland, OR 97229
Phone: 503-641-6333 Fax: 503-643-8866

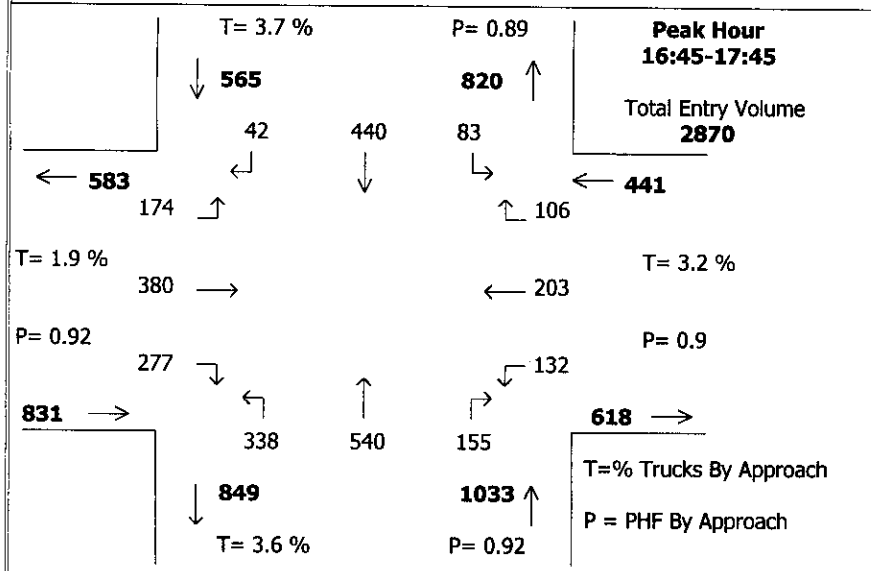
Report Reviewed by: *JG*

| TIME PERIOD | EASTBOUND | | | SOUTHBOUND | | | NORTHBOUND | | | WESTBOUND | | | ALL |
|-------------|-----------|----|----|------------|----|----|------------|----|----|-----------|----|----|-----|
| | ↘ | → | ↗ | ↙ | ↓ | ↘ | ↖ | ↑ | ↗ | ↖ | ↗ | | |
| 16:00-16:05 | 20 | 20 | 12 | 4 | 32 | 8 | 15 | 39 | 2 | 17 | 20 | 4 | 193 |
| 16:05-16:10 | 11 | 26 | 13 | 3 | 29 | 6 | 29 | 48 | 8 | 2 | 20 | 5 | 200 |
| 16:10-16:15 | 18 | 21 | 15 | 3 | 40 | 5 | 24 | 46 | 12 | 15 | 14 | 5 | 218 |
| 16:15-16:20 | 23 | 32 | 7 | 9 | 28 | 2 | 25 | 38 | 7 | 7 | 13 | 7 | 198 |
| 16:20-16:25 | 15 | 22 | 13 | 8 | 30 | 1 | 23 | 39 | 8 | 10 | 12 | 4 | 185 |
| 16:25-16:30 | 21 | 39 | 12 | 3 | 30 | 7 | 16 | 29 | 7 | 2 | 19 | 7 | 192 |
| 16:30-16:35 | 19 | 26 | 12 | 2 | 24 | 7 | 30 | 37 | 10 | 5 | 22 | 3 | 197 |
| 16:35-16:40 | 14 | 23 | 14 | 9 | 46 | 9 | 11 | 48 | 6 | 7 | 9 | 4 | 200 |
| 16:40-16:45 | 22 | 23 | 8 | 6 | 31 | 1 | 21 | 46 | 14 | 7 | 8 | 5 | 192 |
| 16:45-16:50 | 23 | 34 | 21 | 3 | 25 | 9 | 24 | 23 | 13 | 16 | 18 | 8 | 217 |
| 16:50-16:55 | 27 | 24 | 19 | 5 | 39 | 1 | 35 | 53 | 14 | 17 | 15 | 14 | 263 |
| 16:55-17:00 | 22 | 32 | 9 | 7 | 36 | 15 | 29 | 45 | 10 | 9 | 17 | 9 | 240 |
| 17:00-17:05 | 23 | 30 | 6 | 1 | 34 | 10 | 26 | 36 | 16 | 12 | 22 | 4 | 220 |
| 17:05-17:10 | 26 | 30 | 25 | 4 | 27 | 4 | 17 | 43 | 15 | 14 | 14 | 8 | 227 |
| 17:10-17:15 | 23 | 27 | 3 | 2 | 42 | 11 | 35 | 54 | 15 | 6 | 12 | 6 | 236 |
| 17:15-17:20 | 17 | 39 | 12 | 4 | 34 | 2 | 24 | 32 | 9 | 11 | 22 | 12 | 218 |
| 17:20-17:25 | 21 | 20 | 15 | 1 | 43 | 9 | 43 | 68 | 22 | 6 | 12 | 7 | 267 |
| 17:25-17:30 | 28 | 54 | 20 | 4 | 27 | 8 | 14 | 26 | 12 | 9 | 21 | 12 | 235 |
| 17:30-17:35 | 21 | 26 | 10 | 7 | 56 | 7 | 34 | 65 | 13 | 10 | 13 | 5 | 267 |
| 17:35-17:40 | 26 | 41 | 19 | 3 | 26 | 3 | 23 | 32 | 5 | 14 | 25 | 19 | 236 |
| 17:40-17:45 | 20 | 23 | 15 | 1 | 51 | 4 | 34 | 63 | 11 | 8 | 12 | 2 | 244 |
| 17:45-17:50 | 25 | 33 | 10 | 1 | 29 | 13 | 27 | 43 | 12 | 13 | 20 | 7 | 233 |
| 17:50-17:55 | 32 | 32 | 15 | 5 | 44 | 5 | 18 | 35 | 10 | 2 | 11 | 10 | 219 |
| 17:55-18:00 | 28 | 24 | 14 | 5 | 50 | 5 | 14 | 42 | 10 | 6 | 16 | 12 | 226 |

| | | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| TOTALS | 525 | 701 | 319 | 100 | 853 | 152 | 591 | 1030 | 261 | 225 | 387 | 179 | 5323 |
| PHF | 0.93 | 0.78 | 0.83 | 0.71 | 0.83 | 0.75 | 0.84 | 0.88 | 0.82 | 0.85 | 0.87 | 0.73 | 0.94 |
| % Trucks | 3.8 | 1.9 | 0.3 | 4 | 4.7 | 6.6 | 3.6 | 4.8 | 2.3 | 1.3 | 3.6 | 2.2 | 3.5 |
| Stopped Buses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pedestrians | | 6 | | | 6 | | | 0 | | 0 | | | |

INTERSECTION TURN MOVEMENT PEAK HOUR REPORT

File: JLMSLM



LOCATION:

NE 162ND AVE AT NE FOURTH PLAIN RD
VANCOUVER, WA

Date: **09/04/03** Day: **THU**
From: **16:00-18:00**

Report Prepared for:
CITY OF VANCOUVER

Surveyed By:
TRAFFIC SMITHY, INC
1225 NW Murray Blvd, Suite 111
Portland, OR 97229
Phone: 503-641-6333 Fax: 503-643-8866

Report Reviewed by: *JG*

| TIME PERIOD | EASTBOUND | | | SOUTHBOUND | | | NORTHBOUND | | | WESTBOUND | | | ALL |
|---|-----------|------|------|------------|------|------|------------|------|------|-----------|------|------|------|
| | ↘ | → | ↗ | ↙ | ↓ | ↘ | ↖ | ↑ | ↗ | ↖ | ↗ | | |
| ALL VEHICLES | | | | | | | | | | | | | |
| 16:45-17:00 | 72 | 90 | 49 | 15 | 100 | 25 | 88 | 121 | 37 | 42 | 50 | 31 | 720 |
| 17:00-17:15 | 72 | 87 | 34 | 7 | 103 | 25 | 78 | 133 | 46 | 32 | 48 | 18 | 683 |
| 17:15-17:30 | 66 | 113 | 47 | 9 | 104 | 19 | 81 | 126 | 43 | 26 | 55 | 31 | 720 |
| 17:30-17:45 | 67 | 90 | 44 | 11 | 133 | 14 | 91 | 160 | 29 | 32 | 50 | 26 | 747 |
| LIGHT TRUCKS (SINGLE UNIT 2 AXLES) | | | | | | | | | | | | | |
| 16:45-17:00 | 5 | 1 | 0 | 1 | 1 | 0 | 3 | 6 | 0 | 0 | 1 | 0 | 18 |
| 17:00-17:15 | 1 | 0 | 0 | 0 | 1 | 0 | 3 | 4 | 2 | 2 | 3 | 0 | 16 |
| 17:15-17:30 | 0 | 2 | 1 | 1 | 3 | 0 | 2 | 2 | 0 | 0 | 2 | 2 | 15 |
| 17:30-17:45 | 2 | 2 | 0 | 0 | 1 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 11 |
| MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES) | | | | | | | | | | | | | |
| 16:45-17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00-17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 |
| 17:15-17:30 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 17:30-17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 3 |
| HEAVY TRUCKS (SEMI-TRACTOR TRAILER) | | | | | | | | | | | | | |
| 16:45-17:00 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 6 |
| 17:00-17:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 1 | 6 |
| 17:15-17:30 | 0 | 1 | 0 | 0 | 3 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 8 |
| 17:30-17:45 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| BICYCLES | | | | | | | | | | | | | |
| 16:45-17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00-17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 17:15-17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 17:30-17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| PEDESTRIANS | | | | | | | | | | | | | |
| Crosswalk | SOUTH | | | WEST | | | EAST | | | NORTH | | | ALL |
| 16:45-17:00 | 0 | | | 3 | | | 0 | | | 0 | | | 3 |
| 17:00-17:15 | 3 | | | 0 | | | 0 | | | 0 | | | 3 |
| 17:15-17:30 | 0 | | | 3 | | | 0 | | | 0 | | | 3 |
| 17:30-17:45 | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| Peak Hour By Movement | | | | | | | | | | | | | |
| PHF | 0.96 | 0.84 | 0.89 | 0.7 | 0.83 | 0.83 | 0.93 | 0.84 | 0.84 | 0.79 | 0.92 | 0.85 | 0.96 |
| % Trucks (All) | 2.9 | 1.8 | 0.6 | 4.8 | 3.2 | 6 | 3.3 | 4.1 | 2.6 | 1.5 | 3.9 | 3.8 | 3.1 |
| % Trucks (M+H) | 0 | 0.5 | 0 | 0 | 1.8 | 3.6 | 0.6 | 1.3 | 1.3 | 0 | 1 | 1.9 | 1 |
| Stopped Busses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hourly Totals | | | | | | | | | | | | | |
| 16:00-17:00 | 235 | 322 | 155 | 62 | 390 | 71 | 282 | 491 | 111 | 114 | 187 | 75 | 2495 |
| 16:15-17:15 | 258 | 342 | 149 | 59 | 392 | 77 | 292 | 491 | 135 | 112 | 181 | 79 | 2567 |
| 16:30-17:30 | 265 | 362 | 164 | 48 | 408 | 86 | 309 | 511 | 156 | 119 | 192 | 92 | 2712 |
| 16:45-17:45 | 277 | 380 | 174 | 42 | 440 | 83 | 338 | 540 | 155 | 132 | 203 | 106 | 2870 |
| 17:00-18:00 | 290 | 379 | 164 | 38 | 463 | 81 | 309 | 539 | 150 | 111 | 200 | 104 | 2828 |