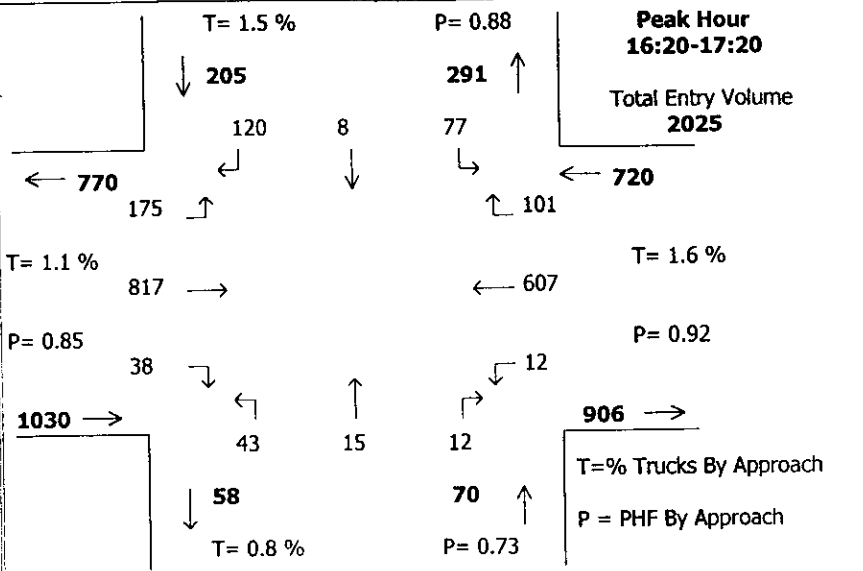


INTERSECTION TURN MOVEMENT SUMMARY REPORT

0186

File: V6CS



LOCATION:

FOURTH PLAIN BLVD AT NE 102ND
CLARK COUNTY, WA

Date: **03/05/03** Day: **WED**
From: **16:00-18:00**

Report Prepared for:
DKS Associates

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

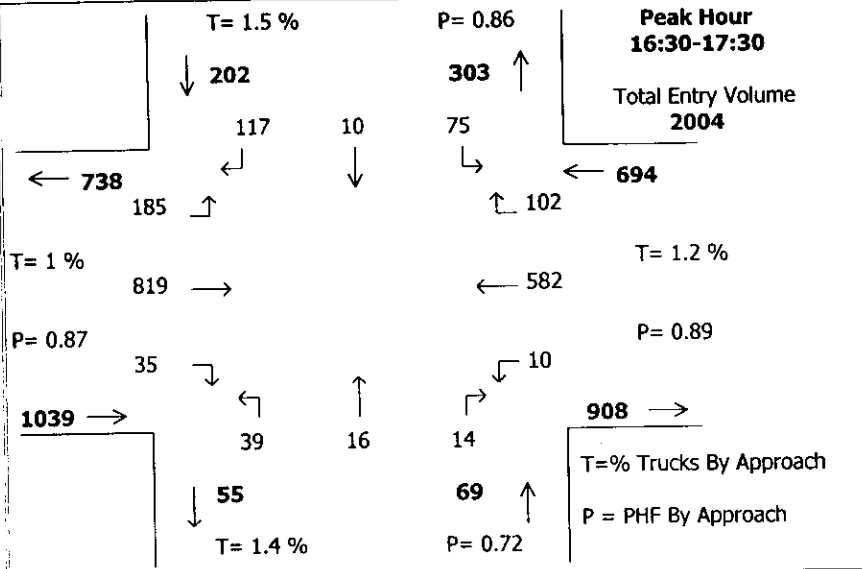
Report Reviewed by: *GREG*

| TIME PERIOD | EASTBOUND | | | SOUTHBOUND | | | NORTHBOUND | | | WESTBOUND | | | ALL |
|-------------|-----------|----|----|------------|---|----|------------|---|---|-----------|----|----|-----|
| | ↓ | → | ↑ | ↙ | ↓ | ↘ | ↖ | ↑ | ↗ | ↙ | ← | ↖ | |
| 16:00-16:05 | 4 | 51 | 8 | 14 | 0 | 8 | 0 | 2 | 0 | 0 | 30 | 8 | 125 |
| 16:05-16:10 | 3 | 41 | 12 | 8 | 1 | 6 | 3 | 1 | 2 | 0 | 57 | 14 | 148 |
| 16:10-16:15 | 0 | 65 | 11 | 7 | 1 | 4 | 2 | 1 | 4 | 2 | 55 | 8 | 160 |
| 16:15-16:20 | 3 | 41 | 5 | 5 | 0 | 6 | 1 | 0 | 3 | 2 | 33 | 8 | 107 |
| 16:20-16:25 | 5 | 72 | 17 | 11 | 1 | 8 | 3 | 0 | 0 | 0 | 48 | 7 | 172 |
| 16:25-16:30 | 2 | 65 | 12 | 11 | 0 | 11 | 5 | 1 | 2 | 2 | 56 | 6 | 173 |
| 16:30-16:35 | 3 | 69 | 12 | 10 | 0 | 6 | 4 | 2 | 1 | 2 | 34 | 4 | 147 |
| 16:35-16:40 | 1 | 67 | 13 | 13 | 1 | 6 | 5 | 0 | 0 | 0 | 69 | 9 | 184 |
| 16:40-16:45 | 2 | 55 | 12 | 7 | 0 | 4 | 3 | 0 | 3 | 1 | 49 | 8 | 144 |
| 16:45-16:50 | 2 | 50 | 13 | 7 | 1 | 11 | 1 | 3 | 1 | 0 | 50 | 10 | 149 |
| 16:50-16:55 | 3 | 60 | 12 | 11 | 0 | 4 | 2 | 1 | 2 | 2 | 56 | 7 | 160 |
| 16:55-17:00 | 6 | 70 | 10 | 9 | 1 | 7 | 3 | 0 | 1 | 1 | 39 | 10 | 157 |
| 17:00-17:05 | 5 | 77 | 11 | 8 | 2 | 7 | 8 | 2 | 1 | 0 | 49 | 12 | 182 |
| 17:05-17:10 | 5 | 76 | 25 | 11 | 0 | 6 | 3 | 3 | 0 | 2 | 50 | 11 | 192 |
| 17:10-17:15 | 1 | 61 | 18 | 6 | 1 | 4 | 4 | 3 | 0 | 1 | 63 | 8 | 170 |
| 17:15-17:20 | 3 | 95 | 20 | 16 | 1 | 3 | 2 | 0 | 1 | 1 | 44 | 9 | 195 |
| 17:20-17:25 | 2 | 74 | 18 | 9 | 1 | 8 | 1 | 2 | 2 | 0 | 42 | 8 | 167 |
| 17:25-17:30 | 2 | 65 | 21 | 10 | 2 | 9 | 3 | 0 | 2 | 0 | 37 | 6 | 157 |
| 17:30-17:35 | 3 | 60 | 12 | 12 | 0 | 7 | 2 | 1 | 2 | 1 | 50 | 16 | 166 |
| 17:35-17:40 | 2 | 71 | 11 | 10 | 2 | 6 | 3 | 0 | 1 | 1 | 53 | 8 | 168 |
| 17:40-17:45 | 3 | 61 | 12 | 11 | 1 | 4 | 1 | 3 | 1 | 0 | 34 | 10 | 141 |
| 17:45-17:50 | 0 | 71 | 8 | 10 | 0 | 4 | 5 | 1 | 0 | 1 | 40 | 7 | 147 |
| 17:50-17:55 | 0 | 80 | 12 | 11 | 1 | 8 | 2 | 0 | 0 | 0 | 42 | 12 | 168 |
| 17:55-18:00 | 0 | 49 | 10 | 8 | 0 | 5 | 0 | 0 | 0 | 2 | 54 | 3 | 131 |

| | | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|-----|------|------|------|------|
| TOTALS | 60 | 1546 | 315 | 235 | 17 | 152 | 66 | 26 | 29 | 21 | 1134 | 209 | 3810 |
| PHF | 0.59 | 0.88 | 0.69 | 0.88 | 0.67 | 0.77 | 0.72 | 0.47 | 0.5 | 0.75 | 0.9 | 0.77 | 0.91 |
| % Trucks | 3.3 | 1 | 1.6 | 1.3 | 0 | 2 | 0 | 3.8 | 0 | 0 | 1.7 | 1.4 | 1.3 |
| Stopped Buses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pedestrians | | 5 | | | 0 | | | 1 | | 6 | | | |

INTERSECTION TURN MOVEMENT PEAK HOUR REPORT

File: V6CS



| TIME PERIOD | EASTBOUND | | | SOUTHBOUND | | | NORTHBOUND | | | WESTBOUND | | | ALL |
|---|-----------|-----|----|------------|---|----|------------|---|---|-----------|-----|----|-----|
| | ↘ | → | ↗ | ↙ | ↓ | ↘ | ↖ | ↑ | ↗ | ↖ | ← | ↗ | |
| ALL VEHICLES | | | | | | | | | | | | | |
| 16:30-16:45 | 6 | 191 | 37 | 30 | 1 | 16 | 12 | 2 | 4 | 3 | 152 | 21 | 475 |
| 16:45-17:00 | 11 | 180 | 35 | 27 | 2 | 22 | 6 | 4 | 4 | 3 | 145 | 27 | 466 |
| 17:00-17:15 | 11 | 214 | 54 | 25 | 3 | 17 | 15 | 8 | 1 | 3 | 162 | 31 | 544 |
| 17:15-17:30 | 7 | 234 | 59 | 35 | 4 | 20 | 6 | 2 | 5 | 1 | 123 | 23 | 519 |
| LIGHT TRUCKS (SINGLE UNIT 2 AXLES) | | | | | | | | | | | | | |
| 16:30-16:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 4 |
| 16:45-17:00 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 5 |
| 17:00-17:15 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 6 |
| 17:15-17:30 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES) | | | | | | | | | | | | | |
| 16:30-16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45-17:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 17:00-17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 17:15-17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HEAVY TRUCKS (SEMI-TRACTOR TRAILER) | | | | | | | | | | | | | |
| 16:30-16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15-17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BICYCLES | | | | | | | | | | | | | |
| 16:30-16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 16:45-17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00-17:15 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 17:15-17:30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| PEDESTRIANS | | | | | | | | | | | | | |
| Crosswalk | SOUTH | | | WEST | | | EAST | | | NORTH | | | ALL |
| 16:30-16:45 | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 16:45-17:00 | 2 | | | 0 | | | 0 | | | 0 | | | 2 |
| 17:00-17:15 | 0 | | | 0 | | | 0 | | | 1 | | | 1 |
| 17:15-17:30 | 1 | | | 0 | | | 0 | | | 0 | | | 1 |

| Peak Hour By Movement | | | | | | | | | | | | | |
|-----------------------|-----|------|------|------|------|------|------|-----|-----|------|-----|------|------|
| PHF | 0.8 | 0.88 | 0.78 | 0.84 | 0.63 | 0.85 | 0.65 | 0.5 | 0.7 | 0.83 | 0.9 | 0.82 | 0.92 |
| % Trucks (All) | 2.9 | 0.9 | 1.1 | 1.7 | 0 | 1.3 | 0 | 6.3 | 0 | 0 | 1 | 2 | 1.1 |
| % Trucks (M+H) | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 1 | 0.1 |
| Stopped Busses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Hourly Totals | | | | | | | | | | | | | |
|---------------|----|-----|-----|-----|----|----|----|----|----|----|-----|-----|------|
| 16:00-17:00 | 34 | 706 | 137 | 113 | 6 | 81 | 32 | 11 | 19 | 12 | 576 | 99 | 1826 |
| 16:15-17:15 | 38 | 763 | 160 | 109 | 7 | 80 | 42 | 15 | 14 | 13 | 596 | 100 | 1937 |
| 16:30-17:30 | 35 | 819 | 185 | 117 | 10 | 75 | 39 | 16 | 14 | 10 | 582 | 102 | 2004 |
| 16:45-17:45 | 37 | 820 | 183 | 120 | 12 | 76 | 33 | 18 | 14 | 9 | 567 | 115 | 2004 |
| 17:00-18:00 | 26 | 840 | 178 | 122 | 11 | 71 | 34 | 15 | 10 | 9 | 558 | 110 | 1984 |