

EIGHT HOUR TRAFFIC FORECASTS

MAJOR STREET: Devonshire NORTH/SOUTH(Y/N): n
 MINOR STREET: Chandaria Way
 LAND USE NORTH SIDE (I/C/R): i RUN I.D.: toy +Ph1
 LAND USE SOUTH SIDE (I/C/R): i FILE NAME: Sigalt1
 PM FORECAST ONLY (Y/N): N ASSIGNMENT: Site plus background

| Time Period | MAJOR STREET Devonshire | | | | | | MINOR STREET Chandaria Way | | | | | |
|--------------|----------------------------|------|-------|-----------|------|-------|-------------------------------|------|-------|------------|------|-------|
| | WESTBOUND | | | EASTBOUND | | | NORTHBOUND | | | SOUTHBOUND | | |
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 730 - 830 | 2 | 587 | 76 | 116 | 957 | 78 | 20 | 219 | 13 | 154 | 106 | 37 |
| 830 - 930 | 18 | 474 | 48 | 54 | 542 | 69 | 87 | 185 | 22 | 127 | 117 | 70 |
| 930 - 1030 | 15 | 364 | 38 | 43 | 400 | 55 | 87 | 185 | 22 | 118 | 109 | 65 |
| 1130 - 1230 | 18 | 411 | 48 | 54 | 354 | 69 | 52 | 111 | 13 | 95 | 88 | 52 |
| 1230 - 1330 | 18 | 577 | 48 | 54 | 373 | 69 | 52 | 111 | 13 | 95 | 88 | 52 |
| 1500 - 1600 | 31 | 593 | 79 | 90 | 526 | 115 | 42 | 89 | 10 | 118 | 109 | 65 |
| 1600 - 1700 | 31 | 895 | 79 | 90 | 716 | 115 | 52 | 111 | 13 | 127 | 117 | 70 |
| 1700 - 1800 | 46 | 837 | 48 | 25 | 616 | 101 | 115 | 69 | 21 | 94 | 123 | 99 |
| TOTAL | 180 | 4739 | 464 | 528 | 4484 | 670 | 505 | 1078 | 127 | 928 | 857 | 509 |
| AM PEAK HOUR | 2 | 587 | 76 | 116 | 957 | 78 | 20 | 219 | 13 | 154 | 106 | 37 |
| PM PEAK HOUR | 46 | 837 | 48 | 25 | 616 | 101 | 115 | 69 | 21 | 94 | 123 | 99 |
| EIGHT HOUR | 6.08 | 5.56 | 6.08 | 6.08 | 5.73 | 6.08 | 9.73 | 9.73 | 9.73 | 9.73 | 9.73 | 9.73 |
| AM+PM FACTOR | 3.74 | 3.33 | 3.74 | 3.74 | 2.85 | 3.74 | 3.74 | 3.74 | 3.74 | 3.74 | 3.74 | 3.74 |
| TOTAL | 180 | 4739 | 464 | 528 | 4484 | 670 | 505 | 1078 | 127 | 928 | 857 | 509 |

TRAFFIC SIGNAL WARRANT ANALYSIS FOR INTERSECTION CONTROL

NO. APP. LANES MAJOR: 1 FLOW CONDITIONS (R/F): R
 MINOR: 1 T-INTERSECTION (Y/N): n

MAJOR STREET: Devonshire
 MINOR STREET: Chandaria Way SPEED: LESS THAN 70

WARRANT 1 - MINIMUM VEHICULAR WARRANT

A. MINIMUM REQUIREMENT - ALL APPROACHES: 720
 - MINOR APPROACHES: 170

WARRANT 2 - DELAY TO CROSS WARRANT

B. MINIMUM REQUIREMENT - MAJOR APPROACHES:
 - CROSSING TRAFFIC

| Time Period | All | % | Minor | % | Time Period | Maj. | % | Cross | % |
|-------------|-------|------|-------|------|-------------|-------|------|-------|------|
| | Appr. | Met | Appr. | Met | | App. | Met | Vol. | Met |
| 730 - 830 | 2365 | 100% | 549 | 100% | 730 - 830 | 1816 | 100% | 393 | 100% |
| 830 - 930 | 1812 | 100% | 607 | 100% | 830 - 930 | 1205 | 100% | 398 | 100% |
| 930 - 1030 | 1499 | 100% | 584 | 100% | 930 - 1030 | 915 | 100% | 389 | 100% |
| 1130 - 1230 | 1366 | 100% | 412 | 100% | 1130 - 1230 | 955 | 100% | 258 | 100% |
| 1230 - 1330 | 1551 | 100% | 412 | 100% | 1230 - 1330 | 1139 | 100% | 258 | 100% |
| 1500 - 1600 | 1866 | 100% | 431 | 100% | 1500 - 1600 | 1435 | 100% | 268 | 100% |
| 1600 - 1700 | 2416 | 100% | 490 | 100% | 1600 - 1700 | 1926 | 100% | 297 | 100% |
| 1700 - 1800 | 2194 | 100% | 521 | 100% | 1700 - 1800 | 1673 | 100% | 332 | 100% |
| TOTAL | 15070 | 100% | 4006 | 100% | TOTAL | 11064 | 100% | 2593 | 100% |

PERCENT COMPLIANCE: 100%

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