

Associated Consulting Services (ACS)

Saint Paul, MN 55127

-- TRAFFIC DATA --

TH-149 at Vikings Pkwy

Ref. Pt: 003+00.761

Data Prepared By: ACS

TURNING MOVEMENT COUNT

File Name : Viking Training Camp 2018 (Vikings Pkwy)

Site Code :

Start Date : 7/31/2018

Page No : 1

Groups Printed- Cars - Trucks

| Start Time | TH-149 Southbound | | | | Vikings Pkwy Westbound | | | | TH-149 Northbound | | | | Blue Gentian Rd Eastbound | | | | Int. Total |
|------------|-------------------|------|-------|------|------------------------|------|-------|------|-------------------|------|-------|------|---------------------------|------|-------|------|------------|
| | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | |
| 07:00 | 61 | 205 | 60 | 0 | 4 | 0 | 5 | 0 | 1 | 127 | 13 | 0 | 5 | 2 | 2 | 0 | 485 |
| 07:15 | 55 | 191 | 68 | 1 | 1 | 0 | 3 | 0 | 0 | 156 | 17 | 0 | 7 | 3 | 2 | 1 | 505 |
| 07:30 | 62 | 253 | 59 | 0 | 2 | 0 | 8 | 0 | 0 | 196 | 22 | 0 | 6 | 4 | 3 | 0 | 615 |
| 07:45 | 63 | 258 | 83 | 0 | 3 | 0 | 9 | 0 | 0 | 158 | 24 | 0 | 6 | 1 | 4 | 2 | 611 |
| Total | 241 | 907 | 270 | 1 | 10 | 0 | 25 | 0 | 1 | 637 | 76 | 0 | 24 | 10 | 11 | 3 | 2216 |
| 08:00 | 46 | 288 | 85 | 1 | 3 | 1 | 9 | 3 | 6 | 171 | 17 | 0 | 9 | 8 | 3 | 1 | 651 |
| 08:15 | 70 | 293 | 83 | 0 | 6 | 2 | 14 | 0 | 5 | 145 | 22 | 0 | 6 | 5 | 0 | 0 | 651 |
| 08:30 | 62 | 249 | 91 | 0 | 2 | 1 | 7 | 1 | 6 | 138 | 10 | 0 | 9 | 2 | 3 | 0 | 581 |
| 08:45 | 97 | 234 | 66 | 0 | 6 | 1 | 10 | 1 | 2 | 141 | 21 | 0 | 6 | 0 | 3 | 0 | 588 |
| Total | 275 | 1064 | 325 | 1 | 17 | 5 | 40 | 5 | 19 | 595 | 70 | 0 | 30 | 15 | 9 | 1 | 2471 |
| 09:00 | 89 | 201 | 58 | 0 | 5 | 2 | 17 | 0 | 3 | 166 | 22 | 0 | 11 | 1 | 4 | 0 | 579 |
| 09:15 | 91 | 187 | 59 | 0 | 6 | 3 | 11 | 0 | 3 | 104 | 29 | 0 | 10 | 3 | 2 | 0 | 508 |
| 09:30 | 99 | 133 | 30 | 0 | 4 | 3 | 12 | 0 | 0 | 139 | 17 | 0 | 13 | 1 | 1 | 0 | 452 |
| 09:45 | 92 | 119 | 34 | 0 | 1 | 0 | 20 | 0 | 2 | 138 | 20 | 0 | 5 | 1 | 7 | 0 | 439 |
| Total | 371 | 640 | 181 | 0 | 16 | 8 | 60 | 0 | 8 | 547 | 88 | 0 | 39 | 6 | 14 | 0 | 1978 |
| 10:00 | 60 | 132 | 25 | 0 | 5 | 1 | 19 | 0 | 1 | 115 | 20 | 0 | 7 | 2 | 4 | 0 | 391 |
| 10:15 | 44 | 90 | 20 | 0 | 5 | 1 | 18 | 0 | 6 | 98 | 17 | 0 | 14 | 8 | 8 | 0 | 329 |
| 10:30 | 58 | 99 | 20 | 1 | 5 | 1 | 24 | 0 | 3 | 112 | 21 | 0 | 8 | 0 | 2 | 0 | 354 |
| 10:45 | 45 | 95 | 13 | 3 | 9 | 2 | 28 | 0 | 2 | 116 | 7 | 0 | 9 | 4 | 8 | 0 | 341 |
| Total | 207 | 416 | 78 | 4 | 24 | 5 | 89 | 0 | 12 | 441 | 65 | 0 | 38 | 14 | 22 | 0 | 1415 |
| 11:00 | 49 | 107 | 21 | 0 | 5 | 3 | 19 | 0 | 1 | 107 | 14 | 0 | 8 | 1 | 4 | 2 | 341 |
| 11:15 | 35 | 95 | 20 | 0 | 6 | 2 | 24 | 0 | 2 | 119 | 16 | 0 | 21 | 3 | 9 | 0 | 352 |
| 11:30 | 23 | 114 | 12 | 1 | 13 | 2 | 36 | 0 | 3 | 134 | 6 | 0 | 13 | 3 | 8 | 1 | 369 |
| 11:45 | 25 | 96 | 13 | 0 | 18 | 1 | 53 | 0 | 4 | 156 | 10 | 0 | 14 | 1 | 20 | 0 | 411 |
| Total | 132 | 412 | 66 | 1 | 42 | 8 | 132 | 0 | 10 | 516 | 46 | 0 | 56 | 8 | 41 | 3 | 1473 |
| 12:00 | 32 | 102 | 17 | 0 | 53 | 4 | 81 | 0 | 3 | 132 | 5 | 0 | 12 | 2 | 14 | 0 | 457 |
| 12:15 | 17 | 118 | 23 | 0 | 38 | 4 | 95 | 0 | 2 | 165 | 12 | 0 | 16 | 3 | 11 | 0 | 504 |
| 12:30 | 28 | 103 | 16 | 0 | 21 | 4 | 63 | 0 | 6 | 164 | 14 | 0 | 22 | 2 | 21 | 0 | 464 |
| 12:45 | 35 | 105 | 21 | 0 | 25 | 2 | 57 | 1 | 5 | 130 | 14 | 0 | 20 | 2 | 12 | 1 | 430 |
| Total | 112 | 428 | 77 | 0 | 137 | 14 | 296 | 1 | 16 | 591 | 45 | 0 | 70 | 9 | 58 | 1 | 1855 |
| 13:00 | 39 | 112 | 33 | 0 | 16 | 1 | 50 | 0 | 9 | 110 | 23 | 0 | 14 | 7 | 11 | 1 | 426 |
| 13:15 | 44 | 104 | 25 | 0 | 17 | 1 | 30 | 0 | 6 | 143 | 24 | 0 | 12 | 4 | 8 | 0 | 418 |
| 13:30 | 55 | 115 | 10 | 0 | 14 | 5 | 34 | 0 | 1 | 115 | 30 | 0 | 11 | 2 | 6 | 0 | 398 |
| 13:45 | 57 | 102 | 22 | 0 | 8 | 1 | 21 | 0 | 2 | 125 | 25 | 0 | 14 | 4 | 3 | 0 | 384 |
| Total | 195 | 433 | 90 | 0 | 55 | 8 | 135 | 0 | 18 | 493 | 102 | 0 | 51 | 17 | 28 | 1 | 1626 |
| 14:00 | 75 | 120 | 20 | 0 | 13 | 1 | 34 | 0 | 3 | 165 | 37 | 0 | 17 | 2 | 12 | 1 | 500 |
| 14:15 | 76 | 110 | 13 | 0 | 9 | 1 | 30 | 0 | 7 | 151 | 26 | 0 | 22 | 0 | 8 | 0 | 453 |
| 14:30 | 76 | 110 | 9 | 0 | 12 | 3 | 39 | 0 | 5 | 135 | 31 | 0 | 16 | 4 | 11 | 0 | 451 |
| 14:45 | 53 | 124 | 15 | 2 | 7 | 3 | 48 | 0 | 3 | 185 | 17 | 2 | 27 | 3 | 1 | 2 | 492 |
| Total | 280 | 464 | 57 | 2 | 41 | 8 | 151 | 0 | 18 | 636 | 111 | 2 | 82 | 9 | 32 | 3 | 1896 |
| 15:00 | 38 | 130 | 16 | 0 | 6 | 2 | 28 | 0 | 5 | 205 | 18 | 0 | 20 | 4 | 4 | 0 | 476 |
| 15:15 | 33 | 101 | 18 | 0 | 9 | 0 | 37 | 0 | 6 | 196 | 13 | 0 | 32 | 4 | 8 | 0 | 457 |
| 15:30 | 21 | 105 | 15 | 0 | 11 | 1 | 53 | 0 | 2 | 205 | 7 | 0 | 58 | 3 | 7 | 0 | 488 |

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File Name : Viking Training Camp 2018 (Vikings Pkwy)

Site Code :

Start Date : 7/31/2018

Page No : 2

Groups Printed- Cars - Trucks

| Start Time | TH-149 Southbound | | | | Vikings Pkwy Westbound | | | | TH-149 Northbound | | | | Blue Gentian Rd Eastbound | | | | Int. Total |
|-------------|-------------------|------|-------|------|------------------------|------|-------|------|-------------------|------|-------|------|---------------------------|------|-------|------|------------|
| | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | |
| 15:45 | 10 | 122 | 17 | 0 | 15 | 1 | 72 | 0 | 3 | 282 | 8 | 0 | 74 | 5 | 10 | 0 | 619 |
| Total | 102 | 458 | 66 | 0 | 41 | 4 | 190 | 0 | 16 | 888 | 46 | 0 | 184 | 16 | 29 | 0 | 2040 |
| 16:00 | 15 | 115 | 11 | 1 | 17 | 3 | 89 | 0 | 1 | 259 | 5 | 0 | 61 | 3 | 8 | 0 | 588 |
| 16:15 | 9 | 134 | 12 | 0 | 24 | 4 | 96 | 1 | 1 | 260 | 6 | 0 | 83 | 4 | 9 | 0 | 643 |
| 16:30 | 8 | 162 | 12 | 0 | 30 | 5 | 109 | 0 | 3 | 310 | 7 | 0 | 79 | 0 | 12 | 0 | 737 |
| 16:45 | 8 | 182 | 7 | 0 | 40 | 4 | 91 | 1 | 1 | 313 | 3 | 0 | 73 | 2 | 9 | 2 | 736 |
| Total | 40 | 593 | 42 | 1 | 111 | 16 | 385 | 2 | 6 | 1142 | 21 | 0 | 296 | 9 | 38 | 2 | 2704 |
| 17:00 | 12 | 172 | 8 | 1 | 27 | 5 | 118 | 0 | 2 | 354 | 7 | 0 | 80 | 2 | 8 | 0 | 796 |
| 17:15 | 5 | 166 | 13 | 0 | 48 | 4 | 80 | 0 | 0 | 318 | 6 | 0 | 73 | 2 | 8 | 0 | 723 |
| 17:30 | 7 | 191 | 7 | 0 | 79 | 0 | 161 | 0 | 0 | 284 | 2 | 0 | 58 | 1 | 8 | 0 | 798 |
| 17:45 | 7 | 146 | 11 | 2 | 42 | 5 | 97 | 1 | 3 | 238 | 6 | 0 | 42 | 2 | 6 | 0 | 608 |
| Total | 31 | 675 | 39 | 3 | 196 | 14 | 456 | 1 | 5 | 1194 | 21 | 0 | 253 | 7 | 30 | 0 | 2925 |
| 18:00 | 7 | 136 | 5 | 1 | 22 | 3 | 81 | 0 | 1 | 220 | 4 | 0 | 27 | 0 | 4 | 0 | 511 |
| 18:15 | 8 | 118 | 6 | 0 | 13 | 5 | 47 | 0 | 2 | 189 | 12 | 0 | 27 | 1 | 5 | 0 | 433 |
| 18:30 | 9 | 99 | 3 | 0 | 9 | 0 | 43 | 0 | 0 | 184 | 4 | 0 | 24 | 1 | 3 | 0 | 379 |
| 18:45 | 5 | 86 | 5 | 0 | 10 | 0 | 44 | 0 | 0 | 138 | 3 | 0 | 20 | 0 | 3 | 0 | 314 |
| Total | 29 | 439 | 19 | 1 | 54 | 8 | 215 | 0 | 3 | 731 | 23 | 0 | 98 | 2 | 15 | 0 | 1637 |
| Grand Total | 2015 | 6929 | 1310 | 14 | 744 | 98 | 2174 | 9 | 132 | 8411 | 714 | 2 | 1221 | 122 | 327 | 14 | 24236 |
| Apprch % | 19.6 | 67.5 | 12.8 | 0.1 | 24.6 | 3.2 | 71.9 | 0.3 | 1.4 | 90.8 | 7.7 | 0 | 72.5 | 7.2 | 19.4 | 0.8 | |
| Total % | 8.3 | 28.6 | 5.4 | 0.1 | 3.1 | 0.4 | 9 | 0 | 0.5 | 34.7 | 2.9 | 0 | 5 | 0.5 | 1.3 | 0.1 | |
| Cars | 1979 | 6157 | 1222 | 14 | 723 | 91 | 2137 | 9 | 113 | 7633 | 694 | 2 | 1183 | 108 | 302 | 14 | 22381 |
| % Cars | 98.2 | 88.9 | 93.3 | 100 | 97.2 | 92.9 | 98.3 | 100 | 85.6 | 90.8 | 97.2 | 100 | 96.9 | 88.5 | 92.4 | 100 | 92.3 |
| Trucks | 36 | 772 | 88 | 0 | 21 | 7 | 37 | 0 | 19 | 778 | 20 | 0 | 38 | 14 | 25 | 0 | 1855 |
| % Trucks | 1.8 | 11.1 | 6.7 | 0 | 2.8 | 7.1 | 1.7 | 0 | 14.4 | 9.2 | 2.8 | 0 | 3.1 | 11.5 | 7.6 | 0 | 7.7 |

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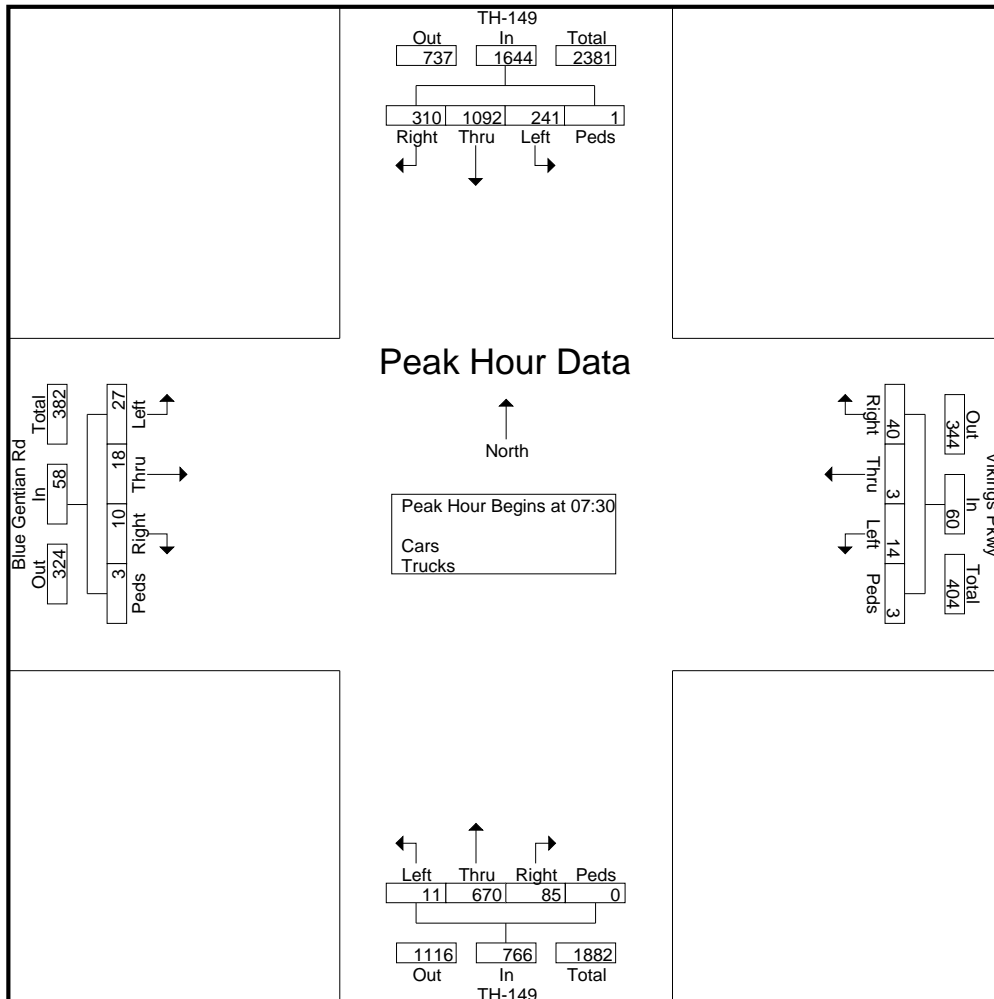
File Name : Viking Training Camp 2018 (Vikings Pkwy)

Site Code :

Start Date : 7/31/2018

Page No : 3

| Start Time | TH-149 Southbound | | | | | Vikings Pkwy Westbound | | | | | TH-149 Northbound | | | | | Blue Gentian Rd Eastbound | | | | | Int. Total |
|--|-------------------|------|-------|------|------------|------------------------|------|-------|------|------------|-------------------|------|-------|------|------------|---------------------------|------|-------|------|------------|------------|
| | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | |
| Peak Hour Analysis From 07:00 to 11:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 | | | | | | | | | | | | | | | | | | | | | |
| 07:30 | 62 | 253 | 59 | 0 | 374 | 2 | 0 | 8 | 0 | 10 | 0 | 196 | 22 | 0 | 218 | 6 | 4 | 3 | 0 | 13 | 615 |
| 07:45 | 63 | 258 | 83 | 0 | 404 | 3 | 0 | 9 | 0 | 12 | 0 | 158 | 24 | 0 | 182 | 6 | 1 | 4 | 2 | 13 | 611 |
| 08:00 | 46 | 288 | 85 | 1 | 420 | 3 | 1 | 9 | 3 | 16 | 6 | 171 | 17 | 0 | 194 | 9 | 8 | 3 | 1 | 21 | 651 |
| 08:15 | 70 | 293 | 83 | 0 | 446 | 6 | 2 | 14 | 0 | 22 | 5 | 145 | 22 | 0 | 172 | 6 | 5 | 0 | 0 | 11 | 651 |
| Total Volume | 241 | 1092 | 310 | 1 | 1644 | 14 | 3 | 40 | 3 | 60 | 11 | 670 | 85 | 0 | 766 | 27 | 18 | 10 | 3 | 58 | 2528 |
| % App. Total | 14.7 | 66.4 | 18.9 | 0.1 | | 23.3 | 5 | 66.7 | 5 | | 1.4 | 87.5 | 11.1 | 0 | | 46.6 | 31 | 17.2 | 5.2 | | |
| PHF | .861 | .932 | .912 | .250 | .922 | .583 | .375 | .714 | .250 | .682 | .458 | .855 | .885 | .000 | .878 | .750 | .563 | .625 | .375 | .690 | .971 |



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| Start Time | TH-149 Southbound | | | | | Vikings Pkwy Westbound | | | | | TH-149 Northbound | | | | | Blue Gentian Rd Eastbound | | | | | Int. Total |
|--|-------------------|------|-------|------|------------|------------------------|------|-------|------|------------|-------------------|------|-------|------|------------|---------------------------|------|-------|------|------------|------------|
| | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | |
| Peak Hour Analysis From 12:00 to 18:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 16:45 | | | | | | | | | | | | | | | | | | | | | |
| 16:45 | 8 | 182 | 7 | 0 | 197 | 40 | 4 | 91 | 1 | 136 | 1 | 313 | 3 | 0 | 317 | 73 | 2 | 9 | 2 | 86 | 736 |
| 17:00 | 12 | 172 | 8 | 1 | 193 | 27 | 5 | 118 | 0 | 150 | 2 | 354 | 7 | 0 | 363 | 80 | 2 | 8 | 0 | 90 | 796 |
| 17:15 | 5 | 166 | 13 | 0 | 184 | 48 | 4 | 80 | 0 | 132 | 0 | 318 | 6 | 0 | 324 | 73 | 2 | 8 | 0 | 83 | 723 |
| 17:30 | 7 | 191 | 7 | 0 | 205 | 79 | 0 | 161 | 0 | 240 | 0 | 284 | 2 | 0 | 286 | 58 | 1 | 8 | 0 | 67 | 798 |
| Total Volume | 32 | 711 | 35 | 1 | 779 | 194 | 13 | 450 | 1 | 658 | 3 | 1269 | 18 | 0 | 1290 | 284 | 7 | 33 | 2 | 326 | 3053 |
| % App. Total | 4.1 | 91.3 | 4.5 | 0.1 | | 29.5 | 2 | 68.4 | 0.2 | | 0.2 | 98.4 | 1.4 | 0 | | 87.1 | 2.1 | 10.1 | 0.6 | | |
| PHF | .667 | .931 | .673 | .250 | .950 | .614 | .650 | .699 | .250 | .685 | .375 | .896 | .643 | .000 | .888 | .888 | .875 | .917 | .250 | .906 | .956 |

