

Alliant Engineering Inc Minneapolis, MN 55415

Valley View Rd at I-494, East ramp
Eden Prairie
data by: Alliant Engineering
TURN MOVEMENT COUNT

File Name : 29_Valley View Road at I-494 East Ramp
Site Code : 00000029
Start Date : 10/21/2009
Page No : 1

Groups Printed- Unshifted - Bank 1

| Start Time | ramp to I-494 NB Southbound | | | | Valley View Road Westbound | | | | Valley View Road Eastbound | | | | Int. Total |
|---------------|-----------------------------|------|-------|------|----------------------------|------|-------|------|----------------------------|------|-------|------|------------|
| | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | |
| 06:30 | 0 | 0 | 0 | 0 | 0 | 15 | 25 | 0 | 26 | 93 | 0 | 0 | 159 |
| 06:45 | 0 | 0 | 0 | 0 | 0 | 18 | 41 | 0 | 26 | 134 | 0 | 0 | 219 |
| Total | 0 | 0 | 0 | 0 | 0 | 33 | 66 | 0 | 52 | 227 | 0 | 0 | 378 |
| 07:00 | 0 | 0 | 0 | 0 | 0 | 23 | 62 | 0 | 45 | 140 | 0 | 0 | 270 |
| 07:15 | 0 | 0 | 0 | 0 | 0 | 31 | 59 | 0 | 40 | 139 | 0 | 0 | 269 |
| 07:30 | 0 | 0 | 0 | 0 | 0 | 32 | 135 | 0 | 73 | 203 | 0 | 0 | 443 |
| 07:45 | 0 | 0 | 0 | 0 | 0 | 58 | 105 | 0 | 76 | 207 | 0 | 0 | 446 |
| Total | 0 | 0 | 0 | 0 | 0 | 144 | 361 | 0 | 234 | 689 | 0 | 0 | 1428 |
| 08:00 | 0 | 0 | 0 | 0 | 0 | 51 | 75 | 0 | 42 | 187 | 0 | 0 | 355 |
| 08:15 | 0 | 0 | 0 | 0 | 0 | 43 | 84 | 1 | 38 | 170 | 0 | 0 | 336 |
| 08:30 | 0 | 0 | 0 | 0 | 0 | 46 | 78 | 0 | 43 | 201 | 0 | 0 | 368 |
| 08:45 | 0 | 0 | 0 | 0 | 0 | 46 | 61 | 0 | 37 | 155 | 0 | 0 | 299 |
| Total | 0 | 0 | 0 | 0 | 0 | 186 | 298 | 1 | 160 | 713 | 0 | 0 | 1358 |
| 09:00 | 0 | 0 | 0 | 0 | 0 | 51 | 32 | 0 | 35 | 112 | 0 | 0 | 230 |
| 09:15 | 0 | 0 | 0 | 0 | 0 | 41 | 41 | 0 | 28 | 145 | 0 | 0 | 255 |
| *** BREAK *** | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 92 | 73 | 0 | 63 | 257 | 0 | 0 | 485 |
| *** BREAK *** | | | | | | | | | | | | | |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 49 | 36 | 0 | 48 | 78 | 0 | 0 | 211 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 73 | 45 | 0 | 31 | 99 | 0 | 0 | 248 |
| Total | 0 | 0 | 0 | 0 | 0 | 122 | 81 | 0 | 79 | 177 | 0 | 0 | 459 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 71 | 54 | 0 | 40 | 89 | 0 | 0 | 254 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 79 | 49 | 0 | 44 | 96 | 0 | 0 | 268 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 104 | 43 | 0 | 38 | 115 | 0 | 0 | 300 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 122 | 54 | 0 | 39 | 143 | 0 | 0 | 358 |
| Total | 0 | 0 | 0 | 0 | 0 | 376 | 200 | 0 | 161 | 443 | 0 | 0 | 1180 |
| 12:00 | 0 | 0 | 0 | 0 | 0 | 111 | 58 | 0 | 52 | 142 | 0 | 0 | 363 |
| 12:15 | 0 | 0 | 0 | 0 | 0 | 92 | 68 | 0 | 48 | 157 | 0 | 0 | 365 |
| 12:30 | 0 | 0 | 0 | 0 | 0 | 85 | 72 | 0 | 44 | 120 | 0 | 0 | 321 |
| 12:45 | 0 | 0 | 0 | 0 | 0 | 87 | 59 | 0 | 52 | 116 | 0 | 0 | 314 |
| Total | 0 | 0 | 0 | 0 | 0 | 375 | 257 | 0 | 196 | 535 | 0 | 0 | 1363 |
| 13:00 | 0 | 0 | 0 | 0 | 0 | 80 | 64 | 0 | 43 | 142 | 0 | 0 | 329 |
| 13:15 | 0 | 0 | 0 | 0 | 0 | 72 | 50 | 0 | 39 | 129 | 0 | 0 | 290 |
| *** BREAK *** | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 152 | 114 | 0 | 82 | 271 | 0 | 0 | 619 |
| *** BREAK *** | | | | | | | | | | | | | |
| 14:30 | 0 | 0 | 0 | 0 | 0 | 61 | 68 | 0 | 45 | 94 | 0 | 0 | 268 |
| 14:45 | 0 | 0 | 0 | 0 | 0 | 70 | 80 | 0 | 54 | 89 | 0 | 0 | 293 |
| Total | 0 | 0 | 0 | 0 | 0 | 131 | 148 | 0 | 99 | 183 | 0 | 0 | 561 |
| 15:00 | 0 | 0 | 0 | 0 | 0 | 62 | 93 | 0 | 54 | 82 | 0 | 0 | 291 |
| 15:15 | 0 | 0 | 0 | 0 | 0 | 54 | 58 | 0 | 51 | 104 | 0 | 0 | 267 |
| 15:30 | 0 | 0 | 0 | 0 | 0 | 77 | 66 | 0 | 58 | 100 | 0 | 0 | 301 |
| 15:45 | 0 | 0 | 0 | 0 | 0 | 80 | 124 | 0 | 46 | 101 | 0 | 0 | 351 |
| Total | 0 | 0 | 0 | 0 | 0 | 273 | 341 | 0 | 209 | 387 | 0 | 0 | 1210 |
| 16:00 | 0 | 0 | 0 | 0 | 0 | 93 | 137 | 0 | 68 | 91 | 0 | 0 | 389 |
| 16:15 | 0 | 0 | 0 | 0 | 0 | 116 | 141 | 0 | 81 | 119 | 0 | 0 | 457 |
| 16:30 | 0 | 0 | 0 | 0 | 0 | 128 | 148 | 0 | 72 | 119 | 0 | 0 | 467 |
| 16:45 | 0 | 0 | 0 | 0 | 0 | 132 | 110 | 0 | 75 | 147 | 0 | 0 | 464 |
| Total | 0 | 0 | 0 | 0 | 0 | 469 | 536 | 0 | 296 | 476 | 0 | 0 | 1777 |

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Groups Printed- Unshifted - Bank 1

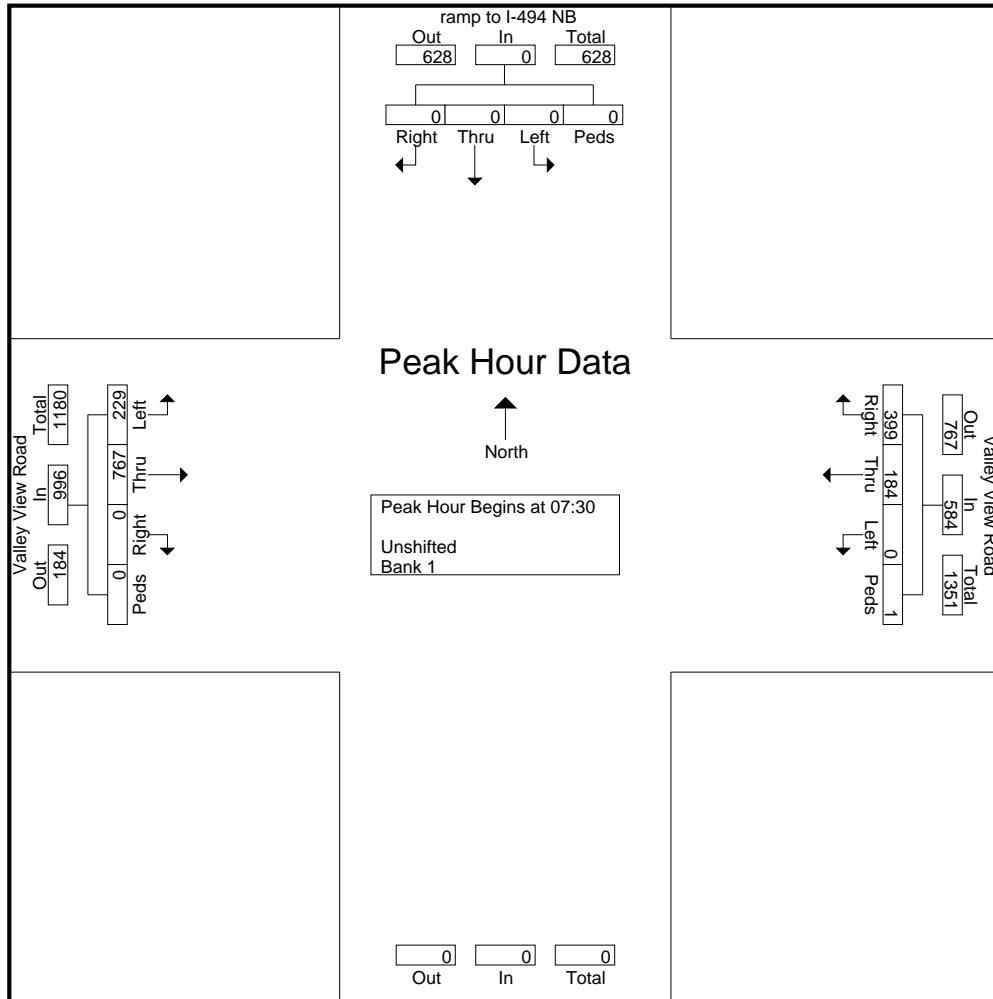
| Start Time | ramp to I-494 NB Southbound | | | | Valley View Road Westbound | | | | Valley View Road Eastbound | | | | Int. Total |
|-------------|-----------------------------|------|-------|------|----------------------------|------|-------|------|----------------------------|------|-------|------|------------|
| | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | |
| 17:00 | 0 | 0 | 0 | 0 | 0 | 184 | 172 | 0 | 63 | 103 | 0 | 0 | 522 |
| 17:15 | 0 | 0 | 0 | 0 | 0 | 143 | 161 | 0 | 77 | 179 | 0 | 0 | 560 |
| 17:30 | 0 | 0 | 0 | 0 | 0 | 147 | 106 | 0 | 50 | 145 | 0 | 0 | 448 |
| 17:45 | 0 | 0 | 0 | 0 | 0 | 128 | 119 | 0 | 68 | 110 | 0 | 0 | 425 |
| Total | 0 | 0 | 0 | 0 | 0 | 602 | 558 | 0 | 258 | 537 | 0 | 0 | 1955 |
| 18:00 | 0 | 0 | 0 | 0 | 0 | 108 | 115 | 0 | 79 | 103 | 0 | 0 | 405 |
| 18:15 | 0 | 0 | 0 | 0 | 0 | 80 | 106 | 0 | 53 | 89 | 0 | 0 | 328 |
| 18:30 | 0 | 0 | 0 | 0 | 0 | 81 | 75 | 0 | 40 | 64 | 0 | 0 | 260 |
| 18:45 | 0 | 0 | 0 | 0 | 0 | 85 | 60 | 0 | 30 | 66 | 0 | 0 | 241 |
| Total | 0 | 0 | 0 | 0 | 0 | 354 | 356 | 0 | 202 | 322 | 0 | 0 | 1234 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 3309 | 3389 | 1 | 2091 | 5217 | 0 | 0 | 14007 |
| Apprch % | 0 | 0 | 0 | 0 | 0 | 49.4 | 50.6 | 0 | 28.6 | 71.4 | 0 | 0 | |
| Total % | 0 | 0 | 0 | 0 | 0 | 23.6 | 24.2 | 0 | 14.9 | 37.2 | 0 | 0 | |
| Unshifted | 0 | 0 | 0 | 0 | 0 | 3244 | 3344 | 1 | 2069 | 5135 | 0 | 0 | 13793 |
| % Unshifted | 0 | 0 | 0 | 0 | 0 | 98 | 98.7 | 100 | 98.9 | 98.4 | 0 | 0 | 98.5 |
| Bank 1 | 0 | 0 | 0 | 0 | 0 | 65 | 45 | 0 | 22 | 82 | 0 | 0 | 214 |
| % Bank 1 | 0 | 0 | 0 | 0 | 0 | 2 | 1.3 | 0 | 1.1 | 1.6 | 0 | 0 | 1.5 |

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| Start Time | ramp to I-494 NB Southbound | | | | | Valley View Road Westbound | | | | | Valley View Road Eastbound | | | | | Int. Total |
|--|-----------------------------|------|-------|------|------------|----------------------------|------|-------|------|------------|----------------------------|------|-------|------|------------|------------|
| | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | |
| Peak Hour Analysis From 06:30 to 09:15 - Peak 1 of 1 | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 | | | | | | | | | | | | | | | | |
| 07:30 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 135 | 0 | 167 | 73 | 203 | 0 | 0 | 276 | 443 |
| 07:45 | 0 | 0 | 0 | 0 | 0 | 0 | 58 | 105 | 0 | 163 | 76 | 207 | 0 | 0 | 283 | 446 |
| 08:00 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 75 | 0 | 126 | 42 | 187 | 0 | 0 | 229 | 355 |
| 08:15 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 84 | 1 | 128 | 38 | 170 | 0 | 0 | 208 | 336 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 184 | 399 | 1 | 584 | 229 | 767 | 0 | 0 | 996 | 1580 |
| % App. Total | 0 | 0 | 0 | 0 | 0 | 0 | 31.5 | 68.3 | 0.2 | | 23 | 77 | 0 | 0 | | |
| PHF | .000 | .000 | .000 | .000 | .000 | .000 | .793 | .739 | .250 | .874 | .753 | .926 | .000 | .000 | .880 | .886 |



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| Start Time | ramp to I-494 NB Southbound | | | | | Valley View Road Westbound | | | | | Valley View Road Eastbound | | | | | Int. Total |
|--|-----------------------------|------|-------|------|------------|----------------------------|------|-------|------|------------|----------------------------|------|-------|------|------------|------------|
| | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | |
| Peak Hour Analysis From 14:30 to 18:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 16:30 | | | | | | | | | | | | | | | | |
| 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 128 | 148 | 0 | 276 | 72 | 119 | 0 | 0 | 191 | 467 |
| 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 132 | 110 | 0 | 242 | 75 | 147 | 0 | 0 | 222 | 464 |
| 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 184 | 172 | 0 | 356 | 63 | 103 | 0 | 0 | 166 | 522 |
| 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 143 | 161 | 0 | 304 | 77 | 179 | 0 | 0 | 256 | 560 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 587 | 591 | 0 | 1178 | 287 | 548 | 0 | 0 | 835 | 2013 |
| % App. Total | 0 | 0 | 0 | 0 | 0 | 0 | 49.8 | 50.2 | 0 | | 34.4 | 65.6 | 0 | 0 | | |
| PHF | .000 | .000 | .000 | .000 | .000 | .000 | .798 | .859 | .000 | .827 | .932 | .765 | .000 | .000 | .815 | .899 |

