

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-100 at 70th St, EAST RAMPS

Ref.Pt.: 001.202

dat by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 403 - 70th Street & TH100 East Ramp

Site Code : 403

Start Date : 2/11/2014

Page No : 1

Groups Printed- Cars

| Start Time | TH 100 East Ramp Southbound | | | | | 70th Street Westbound | | | | | TH 100 East Ramp Northbound | | | | | 70th Street Eastbound | | | | | Int. Total |
|-----------------|-----------------------------|------|------|-------|------|-----------------------|------|------|-------|------|-----------------------------|------|------|-------|------|-----------------------|------|------|-------|------|------------|
| | UTrn | Left | Thru | Right | Peds | UTrn | Left | Thru | Right | Peds | UTrn | Left | Thru | Right | Peds | UTrn | Left | Thru | Right | Peds | |
| 06:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 9 | 0 | 0 | 11 | 1 | 3 | 0 | 0 | 9 | 8 | 0 | 0 | 45 |
| 06:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | 0 | 0 | 17 | 4 | 8 | 0 | 0 | 15 | 17 | 0 | 0 | 88 |
| 06:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 29 | 0 | 0 | 25 | 10 | 7 | 0 | 0 | 45 | 30 | 0 | 0 | 166 |
| 06:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 37 | 0 | 0 | 20 | 7 | 12 | 0 | 0 | 53 | 33 | 0 | 0 | 190 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 90 | 0 | 0 | 73 | 22 | 30 | 0 | 0 | 122 | 88 | 0 | 0 | 489 |
| 07:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 44 | 0 | 0 | 20 | 6 | 6 | 0 | 0 | 52 | 38 | 0 | 0 | 210 |
| 07:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 43 | 0 | 0 | 30 | 9 | 16 | 0 | 0 | 78 | 48 | 0 | 0 | 273 |
| 07:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 64 | 0 | 0 | 23 | 14 | 19 | 0 | 0 | 80 | 75 | 0 | 0 | 323 |
| 07:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 60 | 0 | 0 | 30 | 5 | 20 | 0 | 0 | 59 | 95 | 0 | 0 | 331 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 203 | 211 | 0 | 0 | 103 | 34 | 61 | 0 | 0 | 269 | 256 | 0 | 0 | 1137 |
| 08:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94 | 52 | 0 | 0 | 22 | 12 | 14 | 0 | 0 | 69 | 82 | 0 | 0 | 345 |
| 08:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 57 | 0 | 0 | 25 | 14 | 16 | 0 | 0 | 65 | 99 | 0 | 0 | 330 |
| 08:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 47 | 0 | 0 | 18 | 11 | 29 | 0 | 0 | 70 | 86 | 0 | 0 | 298 |
| 08:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 42 | 0 | 0 | 27 | 9 | 35 | 0 | 0 | 74 | 73 | 0 | 0 | 304 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 229 | 198 | 0 | 0 | 92 | 46 | 94 | 0 | 0 | 278 | 340 | 0 | 0 | 1277 |
| 09:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 59 | 0 | 0 | 15 | 8 | 16 | 0 | 0 | 71 | 92 | 0 | 0 | 312 |
| 09:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 47 | 0 | 0 | 15 | 13 | 46 | 0 | 0 | 62 | 102 | 0 | 0 | 316 |
| *****BREAK***** | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82 | 106 | 0 | 0 | 30 | 21 | 62 | 0 | 0 | 133 | 194 | 0 | 0 | 628 |
| *****BREAK***** | | | | | | | | | | | | | | | | | | | | | |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 26 | 0 | 0 | 12 | 2 | 23 | 0 | 0 | 54 | 65 | 0 | 0 | 219 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 21 | 0 | 0 | 17 | 10 | 19 | 0 | 0 | 71 | 68 | 0 | 0 | 233 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 47 | 0 | 0 | 29 | 12 | 42 | 0 | 0 | 125 | 133 | 0 | 0 | 452 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 30 | 0 | 0 | 10 | 4 | 23 | 0 | 0 | 59 | 58 | 0 | 0 | 227 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 46 | 0 | 0 | 14 | 5 | 11 | 0 | 0 | 51 | 85 | 1 | 0 | 257 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 102 | 0 | 0 | 8 | 9 | 35 | 0 | 0 | 72 | 72 | 0 | 0 | 377 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 70 | 0 | 0 | 17 | 7 | 30 | 0 | 0 | 69 | 84 | 0 | 0 | 347 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 236 | 248 | 0 | 0 | 49 | 25 | 99 | 0 | 0 | 251 | 299 | 1 | 0 | 1208 |
| 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 47 | 0 | 0 | 15 | 8 | 28 | 0 | 0 | 65 | 76 | 0 | 0 | 291 |
| 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 34 | 0 | 0 | 12 | 5 | 24 | 0 | 0 | 59 | 77 | 0 | 0 | 279 |
| 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 36 | 0 | 0 | 15 | 5 | 16 | 0 | 0 | 53 | 71 | 0 | 0 | 256 |
| 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76 | 26 | 0 | 0 | 32 | 21 | 30 | 0 | 0 | 53 | 73 | 0 | 0 | 311 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 143 | 0 | 0 | 74 | 39 | 98 | 0 | 0 | 230 | 297 | 0 | 0 | 1137 |
| 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 35 | 0 | 0 | 17 | 9 | 25 | 0 | 0 | 63 | 76 | 0 | 0 | 286 |
| 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 33 | 0 | 0 | 12 | 8 | 16 | 0 | 0 | 55 | 75 | 0 | 0 | 251 |
| *****BREAK***** | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 68 | 0 | 0 | 29 | 17 | 41 | 0 | 0 | 118 | 151 | 0 | 0 | 537 |
| *****BREAK***** | | | | | | | | | | | | | | | | | | | | | |
| 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 33 | 0 | 0 | 21 | 12 | 25 | 0 | 0 | 110 | 71 | 0 | 0 | 337 |
| 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 40 | 0 | 0 | 14 | 10 | 20 | 0 | 0 | 79 | 75 | 0 | 0 | 293 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 73 | 0 | 0 | 35 | 22 | 45 | 0 | 0 | 189 | 146 | 0 | 0 | 630 |
| 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 42 | 0 | 0 | 9 | 9 | 13 | 0 | 0 | 76 | 75 | 0 | 0 | 278 |
| 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 | 56 | 0 | 0 | 11 | 6 | 21 | 0 | 0 | 96 | 101 | 1 | 0 | 355 |
| 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 46 | 0 | 0 | 21 | 12 | 26 | 0 | 0 | 147 | 108 | 0 | 0 | 426 |
| 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 53 | 0 | 0 | 29 | 17 | 18 | 0 | 0 | 100 | 141 | 0 | 0 | 429 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 254 | 197 | 0 | 0 | 70 | 44 | 78 | 0 | 0 | 419 | 425 | 1 | 0 | 1488 |
| 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 64 | 0 | 0 | 28 | 13 | 23 | 0 | 0 | 174 | 127 | 0 | 0 | 497 |
| 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 51 | 0 | 0 | 15 | 9 | 22 | 0 | 0 | 158 | 167 | 0 | 0 | 501 |
| 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 52 | 0 | 0 | 15 | 13 | 32 | 0 | 0 | 173 | 137 | 0 | 0 | 487 |
| 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 39 | 0 | 0 | 21 | 23 | 28 | 0 | 0 | 143 | 164 | 0 | 0 | 498 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 206 | 0 | 0 | 79 | 58 | 105 | 0 | 0 | 648 | 595 | 0 | 0 | 1983 |

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-100 at 70th St, EAST RAMPS

Ref.Pt.: 001.202

dat by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 403 - 70th Street & TH100 East Ramp

Site Code : 403

Start Date : 2/11/2014

Page No : 2

Groups Printed- Cars

| Start Time | TH 100 East Ramp Southbound | | | | | 70th Street Westbound | | | | | TH 100 East Ramp Northbound | | | | | 70th Street Eastbound | | | | | Int. Total |
|-------------|-----------------------------|------|------|-------|------|-----------------------|------|------|-------|------|-----------------------------|------|------|-------|------|-----------------------|------|------|-------|------|------------|
| | UTrn | Left | Thru | Right | Peds | UTrn | Left | Thru | Right | Peds | UTrn | Left | Thru | Right | Peds | UTrn | Left | Thru | Right | Peds | |
| 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 53 | 0 | 0 | 22 | 33 | 37 | 0 | 0 | 216 | 202 | 0 | 0 | 640 |
| 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 48 | 0 | 0 | 20 | 27 | 49 | 0 | 0 | 152 | 179 | 0 | 0 | 549 |
| 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76 | 50 | 0 | 0 | 21 | 17 | 41 | 0 | 0 | 150 | 170 | 0 | 0 | 525 |
| 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81 | 36 | 0 | 0 | 19 | 26 | 39 | 0 | 0 | 121 | 166 | 0 | 0 | 488 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 308 | 187 | 0 | 0 | 82 | 103 | 166 | 0 | 0 | 639 | 717 | 0 | 0 | 2202 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2221 | 1774 | 0 | 0 | 745 | 443 | 921 | 0 | 0 | 3421 | 3641 | 2 | 0 | 13168 |
| Apprch % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55.6 | 44.4 | 0 | 0 | 35.3 | 21 | 43.7 | 0 | 0 | 48.4 | 51.5 | 0 | 0 | |
| Total % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.9 | 13.5 | 0 | 0 | 5.7 | 3.4 | 7 | 0 | 0 | 26 | 27.7 | 0 | 0 | |

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-100 at 70th St, EAST RAMPS

Ref.Pt.: 001.202

dat by Alliant Engineering

TURN MOVEMENT COUNT

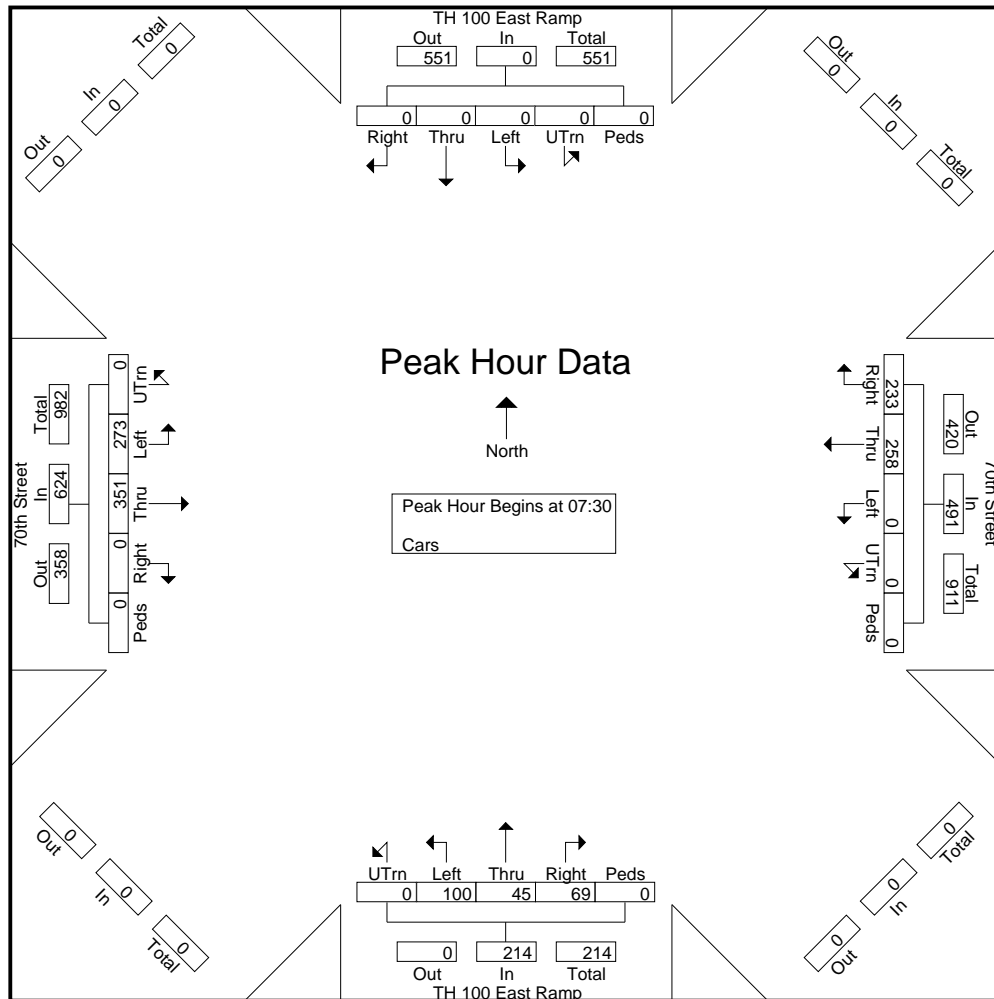
File Name : 403 - 70th Street & TH100 East Ramp

Site Code : 403

Start Date : 2/11/2014

Page No : 3

| Start Time | TH 100 East Ramp Southbound | | | | | | 70th Street Westbound | | | | | | TH 100 East Ramp Northbound | | | | | | 70th Street Eastbound | | | | | | Int. Total |
|--|-----------------------------|------|------|-------|------|------------|-----------------------|------|------|-------|------|------------|-----------------------------|------|------|-------|------|------------|-----------------------|------|------|-------|------|------------|------------|
| | UTrn | Left | Thru | Right | Peds | App. Total | UTrn | Left | Thru | Right | Peds | App. Total | UTrn | Left | Thru | Right | Peds | App. Total | UTrn | Left | Thru | Right | Peds | App. Total | |
| Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 64 | 0 | 112 | 0 | 23 | 14 | 19 | 0 | 56 | 0 | 80 | 75 | 0 | 0 | 155 | 323 |
| 07:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 60 | 0 | 122 | 0 | 30 | 5 | 20 | 0 | 55 | 0 | 59 | 95 | 0 | 0 | 154 | 331 |
| 08:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94 | 52 | 0 | 146 | 0 | 22 | 12 | 14 | 0 | 48 | 0 | 69 | 82 | 0 | 0 | 151 | 345 |
| 08:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 57 | 0 | 111 | 0 | 25 | 14 | 16 | 0 | 55 | 0 | 65 | 99 | 0 | 0 | 164 | 330 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | 233 | 0 | 491 | 0 | 100 | 45 | 69 | 0 | 214 | 0 | 273 | 351 | 0 | 0 | 624 | 1329 |
| % App. Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52.5 | 47.5 | 0 | | 0 | 46.7 | 21 | 32.2 | 0 | | 0 | 43.8 | 56.2 | 0 | 0 | | |
| PHF | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .686 | .910 | .000 | .841 | .000 | .833 | .804 | .863 | .000 | .955 | .000 | .853 | .886 | .000 | .000 | .951 | .963 |



Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-100 at 70th St, EAST RAMPS

Ref.Pt.: 001.202

dat by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 403 - 70th Street & TH100 East Ramp

Site Code : 403

Start Date : 2/11/2014

Page No : 4

| Start Time | TH 100 East Ramp Southbound | | | | | | 70th Street Westbound | | | | | | TH 100 East Ramp Northbound | | | | | | 70th Street Eastbound | | | | | | Int. Total |
|--------------|-----------------------------|------|------|-------|------|------------|-----------------------|------|------|-------|------|------------|-----------------------------|------|------|-------|------|------------|-----------------------|------|------|-------|------|------------|------------|
| | UTrn | Left | Thru | Right | Peds | App. Total | UTrn | Left | Thru | Right | Peds | App. Total | UTrn | Left | Thru | Right | Peds | App. Total | UTrn | Left | Thru | Right | Peds | App. Total | |
| 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 39 | 0 | 119 | 0 | 21 | 23 | 28 | 0 | 72 | 0 | 14 | 16 | 0 | 0 | 307 | 498 |
| 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 53 | 0 | 130 | 0 | 22 | 33 | 37 | 0 | 92 | 0 | 216 | 202 | 0 | 0 | 418 | 640 |
| 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 48 | 0 | 122 | 0 | 20 | 27 | 49 | 0 | 96 | 0 | 152 | 179 | 0 | 0 | 331 | 549 |
| 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76 | 50 | 0 | 126 | 0 | 21 | 17 | 41 | 0 | 79 | 0 | 150 | 170 | 0 | 0 | 320 | 525 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 307 | 190 | 0 | 497 | 0 | 84 | 100 | 155 | 0 | 339 | 0 | 661 | 715 | 0 | 0 | 1376 | 2212 |
| % App. Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61.8 | 38.2 | 0 | | 0 | 24.8 | 29.5 | 45.7 | 0 | | 0 | 48 | 52 | 0 | 0 | | |
| PHF | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .959 | .896 | .000 | .956 | .000 | .955 | .758 | .791 | .000 | .883 | .000 | .765 | .885 | .000 | .000 | .823 | .864 |

Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 16:45

