



MINNESOTA DEPT OF TRANSPORTATION

TRAFFIC DATA COLLECTION - METRO

TH-12 AT CSAH-90, INDEPENDENCE
 Ref.Pt.: 146.325
 JAMAR# 632 DR
 TURN MOVEMENT COUNT

File Name : TH 12 AT CSAH 90 2007
 Site Code : 00000000
 Start Date : 10/17/2007
 Page No : 1

Groups Printed- CARS & TRUCKS

| Start Time | CSAH-90 Southbound | | | | TH-12 Westbound | | | | CSAH-90 Northbound | | | | TH-12 Eastbound | | | | Int. Total |
|---------------|--------------------|------|-------|------|-----------------|------|-------|------|--------------------|------|-------|------|-----------------|------|-------|------|------------|
| | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | |
| 06:00 | 5 | 2 | 1 | 0 | 0 | 27 | 2 | 0 | 0 | 2 | 3 | 0 | 1 | 227 | 5 | 0 | 275 |
| 06:15 | 1 | 1 | 1 | 0 | 1 | 28 | 2 | 0 | 0 | 6 | 4 | 0 | 0 | 245 | 6 | 0 | 295 |
| 06:30 | 3 | 1 | 0 | 0 | 3 | 45 | 0 | 0 | 3 | 1 | 6 | 0 | 1 | 316 | 16 | 0 | 395 |
| 06:45 | 2 | 2 | 1 | 0 | 8 | 63 | 2 | 0 | 3 | 1 | 8 | 0 | 1 | 266 | 21 | 0 | 378 |
| Total | 11 | 6 | 3 | 0 | 12 | 163 | 6 | 0 | 6 | 10 | 21 | 0 | 3 | 1054 | 48 | 0 | 1343 |
| 07:00 | 3 | 1 | 2 | 0 | 8 | 71 | 1 | 0 | 2 | 1 | 8 | 0 | 4 | 305 | 23 | 0 | 429 |
| 07:15 | 7 | 2 | 1 | 0 | 3 | 72 | 10 | 0 | 1 | 2 | 7 | 0 | 2 | 276 | 15 | 0 | 398 |
| 07:30 | 3 | 0 | 5 | 0 | 4 | 70 | 5 | 0 | 4 | 1 | 12 | 0 | 3 | 254 | 19 | 0 | 380 |
| 07:45 | 6 | 3 | 2 | 0 | 2 | 85 | 5 | 0 | 9 | 4 | 6 | 0 | 5 | 209 | 19 | 0 | 355 |
| Total | 19 | 6 | 10 | 0 | 17 | 298 | 21 | 0 | 16 | 8 | 33 | 0 | 14 | 1044 | 76 | 0 | 1562 |
| 08:00 | 5 | 1 | 4 | 0 | 2 | 69 | 9 | 0 | 8 | 1 | 11 | 0 | 1 | 189 | 20 | 0 | 320 |
| 08:15 | 6 | 2 | 3 | 0 | 4 | 58 | 7 | 0 | 4 | 0 | 10 | 0 | 1 | 184 | 12 | 0 | 291 |
| 08:30 | 6 | 2 | 2 | 0 | 1 | 64 | 5 | 0 | 4 | 2 | 4 | 0 | 3 | 168 | 11 | 0 | 272 |
| 08:45 | 5 | 2 | 0 | 0 | 4 | 62 | 5 | 0 | 4 | 4 | 10 | 0 | 1 | 140 | 14 | 0 | 251 |
| Total | 22 | 7 | 9 | 0 | 11 | 253 | 26 | 0 | 20 | 7 | 35 | 0 | 6 | 681 | 57 | 0 | 1134 |
| *** BREAK *** | | | | | | | | | | | | | | | | | |
| 15:00 | 5 | 3 | 0 | 0 | 6 | 188 | 6 | 0 | 9 | 5 | 6 | 0 | 1 | 89 | 7 | 0 | 325 |
| 15:15 | 3 | 2 | 5 | 0 | 9 | 205 | 8 | 0 | 6 | 3 | 5 | 0 | 0 | 96 | 5 | 0 | 347 |
| 15:30 | 5 | 3 | 2 | 0 | 5 | 211 | 8 | 0 | 9 | 3 | 3 | 0 | 2 | 102 | 9 | 0 | 362 |
| 15:45 | 2 | 1 | 1 | 0 | 14 | 230 | 8 | 0 | 8 | 2 | 8 | 0 | 4 | 65 | 6 | 0 | 349 |
| Total | 15 | 9 | 8 | 0 | 34 | 834 | 30 | 0 | 32 | 13 | 22 | 0 | 7 | 352 | 27 | 0 | 1383 |
| 16:00 | 3 | 3 | 7 | 0 | 4 | 247 | 18 | 0 | 8 | 3 | 3 | 0 | 0 | 77 | 8 | 0 | 381 |
| 16:15 | 10 | 2 | 3 | 0 | 7 | 249 | 9 | 0 | 8 | 3 | 4 | 0 | 2 | 86 | 7 | 0 | 390 |
| 16:30 | 6 | 4 | 5 | 0 | 11 | 240 | 8 | 0 | 8 | 0 | 8 | 0 | 6 | 82 | 16 | 0 | 394 |
| 16:45 | 1 | 4 | 3 | 0 | 6 | 288 | 9 | 0 | 8 | 1 | 5 | 0 | 3 | 84 | 10 | 0 | 422 |
| Total | 20 | 13 | 18 | 0 | 28 | 1024 | 44 | 0 | 32 | 7 | 20 | 0 | 11 | 329 | 41 | 0 | 1587 |
| 17:00 | 6 | 4 | 4 | 0 | 7 | 239 | 6 | 0 | 5 | 3 | 4 | 0 | 4 | 96 | 5 | 0 | 383 |
| 17:15 | 3 | 3 | 6 | 0 | 4 | 258 | 5 | 0 | 10 | 1 | 7 | 0 | 2 | 91 | 9 | 0 | 399 |
| 17:30 | 4 | 4 | 2 | 0 | 5 | 218 | 8 | 0 | 2 | 2 | 3 | 0 | 0 | 64 | 5 | 0 | 317 |
| 17:45 | 5 | 3 | 0 | 0 | 5 | 192 | 5 | 0 | 4 | 3 | 4 | 0 | 3 | 87 | 5 | 0 | 316 |
| Total | 18 | 14 | 12 | 0 | 21 | 907 | 24 | 0 | 21 | 9 | 18 | 0 | 9 | 338 | 24 | 0 | 1415 |
| Grand Total | 105 | 55 | 60 | 0 | 123 | 3479 | 151 | 0 | 127 | 54 | 149 | 0 | 50 | 3798 | 273 | 0 | 8424 |
| Apprch % | 47.7 | 25 | 27.3 | 0 | 3.3 | 92.7 | 4 | 0 | 38.5 | 16.4 | 45.2 | 0 | 1.2 | 92.2 | 6.6 | 0 | |
| Total % | 1.2 | 0.7 | 0.7 | 0 | 1.5 | 41.3 | 1.8 | 0 | 1.5 | 0.6 | 1.8 | 0 | 0.6 | 45.1 | 3.2 | 0 | |



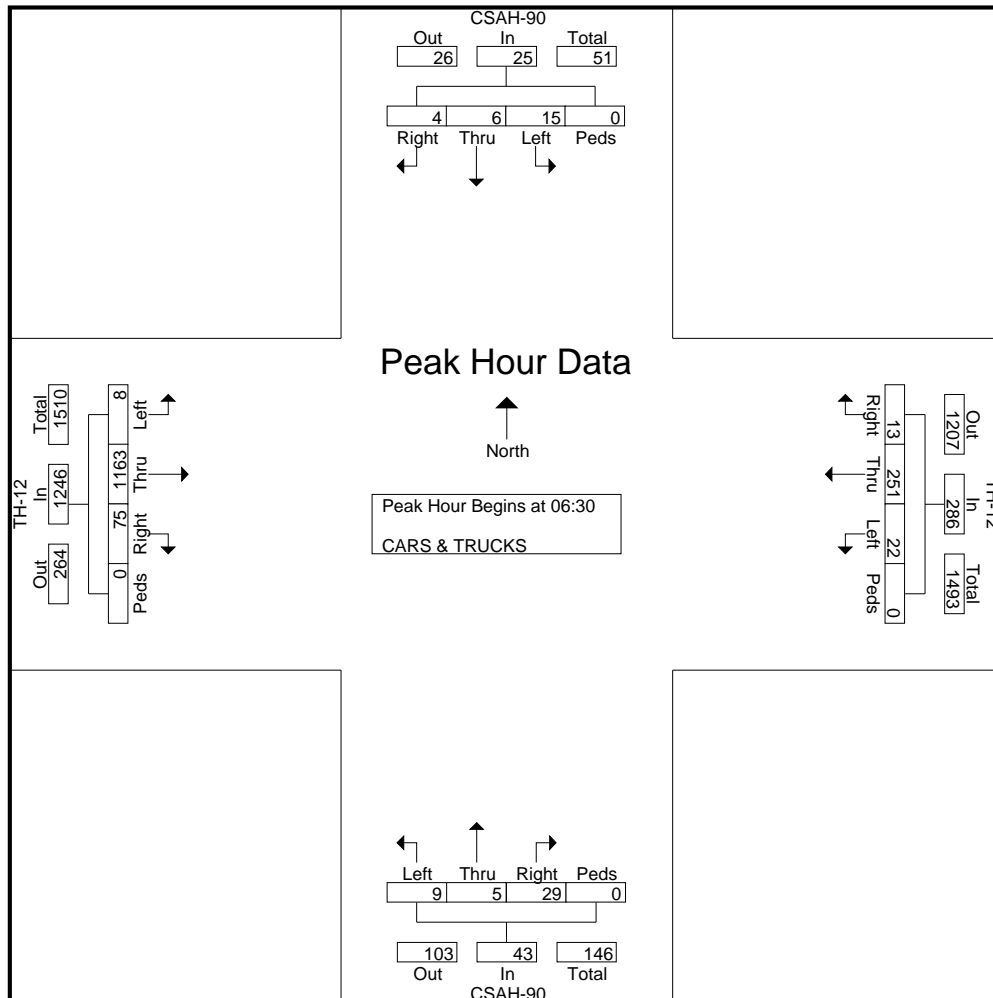
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| Start Time | CSAH-90 Southbound | | | | | TH-12 Westbound | | | | | CSAH-90 Northbound | | | | | TH-12 Eastbound | | | | | Int. Total |
|--|--------------------|------|-------|------|------------|-----------------|------|-------|------|------------|--------------------|------|-------|------|------------|-----------------|------|-------|------|------------|------------|
| | 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 06:00 to 08:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 06:30 | | | | | | | | | | | | | | | | | | | | | |
| 06:30 | 3 | 1 | 0 | 0 | 4 | 3 | 45 | 0 | 0 | 48 | 3 | 1 | 6 | 0 | 10 | 1 | 316 | 16 | 0 | 333 | 395 |
| 06:45 | 2 | 2 | 1 | 0 | 5 | 8 | 63 | 2 | 0 | 73 | 3 | 1 | 8 | 0 | 12 | 1 | 266 | 21 | 0 | 288 | 378 |
| 07:00 | 3 | 1 | 2 | 0 | 6 | 8 | 71 | 1 | 0 | 80 | 2 | 1 | 8 | 0 | 11 | 4 | 305 | 23 | 0 | 332 | 429 |
| 07:15 | 7 | 2 | 1 | 0 | 10 | 3 | 72 | 10 | 0 | 85 | 1 | 2 | 7 | 0 | 10 | 2 | 276 | 15 | 0 | 293 | 398 |
| Total Volume | 15 | 6 | 4 | 0 | 25 | 22 | 251 | 13 | 0 | 286 | 9 | 5 | 29 | 0 | 43 | 8 | 1163 | 75 | 0 | 1246 | 1600 |
| % App. Total | 60 | 24 | 16 | 0 | | 7.7 | 87.8 | 4.5 | 0 | | 20.9 | 11.6 | 67.4 | 0 | | 0.6 | 93.3 | 6 | 0 | | |
| PHF | .536 | .750 | .500 | .000 | .625 | .688 | .872 | .325 | .000 | .841 | .750 | .625 | .906 | .000 | .896 | .500 | .920 | .815 | .000 | .935 | .932 |





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| Start Time | CSAH-90 Southbound | | | | | TH-12 Westbound | | | | | CSAH-90 Northbound | | | | | TH-12 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 15:00 to 17:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 16:30 | | | | | | | | | | | | | | | | | | | | | |
| 16:30 | 6 | 4 | 5 | 0 | 15 | 11 | 240 | 8 | 0 | 259 | 8 | 0 | 8 | 0 | 16 | 6 | 82 | 16 | 0 | 104 | 394 |
| 16:45 | 1 | 4 | 3 | 0 | 8 | 6 | 288 | 9 | 0 | 303 | 8 | 1 | 5 | 0 | 14 | 3 | 84 | 10 | 0 | 97 | 422 |
| 17:00 | 6 | 4 | 4 | 0 | 14 | 7 | 239 | 6 | 0 | 252 | 5 | 3 | 4 | 0 | 12 | 4 | 96 | 5 | 0 | 105 | 383 |
| 17:15 | 3 | 3 | 6 | 0 | 12 | 4 | 258 | 5 | 0 | 267 | 10 | 1 | 7 | 0 | 18 | 2 | 91 | 9 | 0 | 102 | 399 |
| Total Volume | 16 | 15 | 18 | 0 | 49 | 28 | 1025 | 28 | 0 | 1081 | 31 | 5 | 24 | 0 | 60 | 15 | 353 | 40 | 0 | 408 | 1598 |
| % App. Total | 32.7 | 30.6 | 36.7 | 0 | | 2.6 | 94.8 | 2.6 | 0 | | 51.7 | 8.3 | 40 | 0 | | 3.7 | 86.5 | 9.8 | 0 | | |
| PHF | .667 | .938 | .750 | .000 | .817 | .636 | .890 | .778 | .000 | .892 | .775 | .417 | .750 | .000 | .833 | .625 | .919 | .625 | .000 | .971 | .947 |

