

Associated Consulting Services (ACS)

Saint Paul, MN 55127

-- TRAFFIC DATA --

TH-149 at Wagon Wheel Tr - Decorah Ln File Name : TH-149 at Wagon Wheel Tr-Decorah Ln_2019

Ref Pt:004+00.956

Site Code :

Data Prepared By: ACS

Start Date : 3/20/2019

TURNING MOVEMENT COUNT

Page No : 1

Groups Printed- Cars - Trucks

| Start Time | TH-149 Southbound | | | | Decorah Ln Westbound | | | | TH-149 Northbound | | | | Wagon Wheel Tr Eastbound | | | | Int. Total |
|------------|-------------------|------|-------|------|----------------------|------|-------|------|-------------------|------|-------|------|--------------------------|------|-------|------|------------|
| | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | |
| 06:00 | 1 | 18 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 37 |
| 06:15 | 0 | 19 | 1 | 0 | 3 | 3 | 8 | 0 | 1 | 31 | 1 | 0 | 3 | 0 | 4 | 0 | 74 |
| 06:30 | 5 | 29 | 2 | 0 | 3 | 2 | 11 | 0 | 0 | 28 | 0 | 0 | 2 | 1 | 1 | 0 | 84 |
| 06:45 | 1 | 33 | 2 | 0 | 1 | 3 | 7 | 0 | 6 | 28 | 0 | 0 | 3 | 0 | 4 | 0 | 88 |
| Total | 7 | 99 | 5 | 0 | 8 | 8 | 28 | 0 | 8 | 98 | 1 | 0 | 11 | 1 | 9 | 0 | 283 |
| 07:00 | 2 | 34 | 2 | 0 | 1 | 0 | 13 | 0 | 5 | 45 | 1 | 0 | 5 | 0 | 3 | 0 | 111 |
| 07:15 | 6 | 45 | 4 | 3 | 3 | 8 | 16 | 0 | 0 | 59 | 4 | 0 | 2 | 0 | 2 | 0 | 152 |
| 07:30 | 4 | 51 | 1 | 0 | 2 | 7 | 15 | 0 | 6 | 64 | 1 | 0 | 3 | 2 | 2 | 0 | 158 |
| 07:45 | 5 | 43 | 0 | 0 | 3 | 4 | 9 | 0 | 8 | 52 | 2 | 0 | 6 | 3 | 5 | 0 | 140 |
| Total | 17 | 173 | 7 | 3 | 9 | 19 | 53 | 0 | 19 | 220 | 8 | 0 | 16 | 5 | 12 | 0 | 561 |
| 08:00 | 3 | 54 | 4 | 0 | 5 | 0 | 12 | 1 | 2 | 59 | 1 | 0 | 9 | 1 | 4 | 0 | 155 |
| 08:15 | 9 | 53 | 7 | 0 | 1 | 1 | 14 | 0 | 3 | 62 | 1 | 0 | 5 | 3 | 0 | 0 | 159 |
| 08:30 | 5 | 46 | 3 | 0 | 6 | 3 | 16 | 0 | 3 | 50 | 3 | 0 | 7 | 0 | 3 | 0 | 145 |
| 08:45 | 2 | 47 | 2 | 0 | 5 | 0 | 8 | 0 | 0 | 27 | 3 | 0 | 7 | 1 | 0 | 0 | 102 |
| Total | 19 | 200 | 16 | 0 | 17 | 4 | 50 | 1 | 8 | 198 | 8 | 0 | 28 | 5 | 7 | 0 | 561 |
| 09:00 | 1 | 21 | 5 | 0 | 3 | 2 | 4 | 0 | 2 | 30 | 0 | 0 | 5 | 0 | 3 | 0 | 76 |
| 09:15 | 6 | 28 | 0 | 0 | 1 | 1 | 8 | 0 | 1 | 27 | 1 | 0 | 3 | 0 | 1 | 0 | 77 |
| 09:30 | 2 | 21 | 3 | 0 | 1 | 0 | 10 | 0 | 1 | 33 | 1 | 0 | 5 | 1 | 1 | 0 | 79 |
| 09:45 | 5 | 18 | 2 | 0 | 1 | 0 | 9 | 0 | 3 | 30 | 2 | 0 | 1 | 0 | 2 | 0 | 73 |
| Total | 14 | 88 | 10 | 0 | 6 | 3 | 31 | 0 | 7 | 120 | 4 | 0 | 14 | 1 | 7 | 0 | 305 |
| 10:00 | 6 | 20 | 4 | 0 | 1 | 0 | 5 | 0 | 0 | 23 | 4 | 0 | 5 | 0 | 0 | 0 | 68 |
| 10:15 | 3 | 23 | 1 | 1 | 1 | 0 | 8 | 0 | 1 | 31 | 0 | 0 | 6 | 0 | 1 | 0 | 76 |
| 10:30 | 5 | 29 | 5 | 0 | 1 | 0 | 4 | 0 | 1 | 32 | 1 | 0 | 5 | 1 | 4 | 0 | 88 |
| 10:45 | 9 | 26 | 5 | 0 | 0 | 0 | 6 | 0 | 0 | 44 | 0 | 0 | 2 | 0 | 3 | 0 | 95 |
| Total | 23 | 98 | 15 | 1 | 3 | 0 | 23 | 0 | 2 | 130 | 5 | 0 | 18 | 1 | 8 | 0 | 327 |
| 11:00 | 5 | 27 | 4 | 0 | 3 | 0 | 10 | 0 | 1 | 35 | 0 | 0 | 2 | 0 | 3 | 0 | 90 |
| 11:15 | 5 | 23 | 6 | 0 | 4 | 0 | 8 | 0 | 2 | 44 | 3 | 0 | 4 | 1 | 2 | 0 | 102 |
| 11:30 | 5 | 49 | 2 | 0 | 1 | 0 | 6 | 0 | 1 | 58 | 0 | 0 | 2 | 0 | 0 | 0 | 124 |
| 11:45 | 5 | 44 | 8 | 0 | 2 | 1 | 6 | 0 | 5 | 45 | 1 | 0 | 4 | 1 | 4 | 0 | 126 |
| Total | 20 | 143 | 20 | 0 | 10 | 1 | 30 | 0 | 9 | 182 | 4 | 0 | 12 | 2 | 9 | 0 | 442 |
| 12:00 | 7 | 58 | 6 | 0 | 4 | 0 | 13 | 0 | 3 | 58 | 5 | 0 | 2 | 0 | 2 | 0 | 158 |
| 12:15 | 7 | 32 | 4 | 0 | 1 | 0 | 6 | 0 | 3 | 45 | 3 | 0 | 5 | 0 | 5 | 0 | 111 |
| 12:30 | 7 | 48 | 4 | 0 | 1 | 0 | 3 | 0 | 1 | 42 | 1 | 0 | 1 | 1 | 4 | 0 | 113 |
| 12:45 | 6 | 39 | 6 | 0 | 2 | 2 | 5 | 0 | 4 | 44 | 1 | 0 | 3 | 0 | 2 | 0 | 114 |
| Total | 27 | 177 | 20 | 0 | 8 | 2 | 27 | 0 | 11 | 189 | 10 | 0 | 11 | 1 | 13 | 0 | 496 |
| 13:00 | 9 | 39 | 3 | 0 | 0 | 2 | 4 | 1 | 2 | 39 | 1 | 0 | 7 | 2 | 3 | 0 | 112 |
| 13:15 | 6 | 33 | 5 | 0 | 2 | 1 | 4 | 0 | 1 | 41 | 3 | 0 | 6 | 1 | 3 | 0 | 106 |
| 13:30 | 6 | 27 | 5 | 1 | 1 | 0 | 4 | 1 | 5 | 36 | 2 | 0 | 2 | 0 | 2 | 1 | 93 |
| 13:45 | 4 | 38 | 4 | 1 | 3 | 0 | 3 | 1 | 2 | 26 | 2 | 0 | 1 | 0 | 3 | 0 | 88 |
| Total | 25 | 137 | 17 | 2 | 6 | 3 | 15 | 3 | 10 | 142 | 8 | 0 | 16 | 3 | 11 | 1 | 399 |
| 14:00 | 11 | 47 | 7 | 0 | 1 | 1 | 6 | 0 | 3 | 35 | 3 | 0 | 3 | 0 | 0 | 0 | 117 |
| 14:15 | 5 | 36 | 5 | 1 | 4 | 0 | 7 | 0 | 2 | 40 | 0 | 0 | 5 | 1 | 2 | 0 | 108 |
| 14:30 | 7 | 28 | 4 | 2 | 3 | 0 | 0 | 0 | 6 | 53 | 2 | 0 | 1 | 2 | 2 | 0 | 110 |

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TH-149 at Wagon Wheel Tr - Decorah Ln File Name : TH-149 at Wagon Wheel Tr-Decorah Ln_2019

Ref Pt:004+00.956

Site Code :

Data Prepared By: ACS

Start Date : 3/20/2019

TURNING MOVEMENT COUNT

Page No : 2

Groups Printed- Cars - Trucks

| Start Time | TH-149 Southbound | | | | Decorah Ln Westbound | | | | TH-149 Northbound | | | | Wagon Wheel Tr Eastbound | | | | Int. Total |
|-------------|-------------------|------|-------|------|----------------------|------|-------|------|-------------------|------|-------|------|--------------------------|------|-------|------|------------|
| | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | |
| 14:45 | 13 | 28 | 6 | 2 | 2 | 0 | 4 | 1 | 4 | 48 | 4 | 0 | 4 | 1 | 0 | 1 | 118 |
| Total | 36 | 139 | 22 | 5 | 10 | 1 | 17 | 1 | 15 | 176 | 9 | 0 | 13 | 4 | 4 | 1 | 453 |
| 15:00 | 14 | 51 | 9 | 2 | 2 | 0 | 8 | 0 | 2 | 57 | 2 | 1 | 8 | 0 | 4 | 0 | 160 |
| 15:15 | 15 | 38 | 5 | 0 | 3 | 1 | 4 | 0 | 3 | 82 | 2 | 0 | 2 | 4 | 1 | 0 | 160 |
| 15:30 | 13 | 44 | 4 | 1 | 10 | 4 | 6 | 0 | 6 | 65 | 3 | 0 | 5 | 2 | 0 | 0 | 163 |
| 15:45 | 11 | 40 | 3 | 18 | 3 | 1 | 4 | 0 | 6 | 66 | 2 | 0 | 1 | 1 | 1 | 0 | 157 |
| Total | 53 | 173 | 21 | 21 | 18 | 6 | 22 | 0 | 17 | 270 | 9 | 1 | 16 | 7 | 6 | 0 | 640 |
| 16:00 | 9 | 40 | 7 | 1 | 3 | 0 | 2 | 1 | 7 | 74 | 3 | 0 | 6 | 0 | 2 | 0 | 155 |
| 16:15 | 11 | 51 | 6 | 2 | 0 | 0 | 8 | 0 | 4 | 87 | 6 | 0 | 6 | 5 | 1 | 0 | 187 |
| 16:30 | 15 | 31 | 7 | 1 | 3 | 3 | 7 | 0 | 7 | 102 | 4 | 0 | 8 | 3 | 1 | 0 | 192 |
| 16:45 | 13 | 45 | 4 | 0 | 4 | 1 | 7 | 0 | 3 | 87 | 1 | 0 | 4 | 1 | 4 | 0 | 174 |
| Total | 48 | 167 | 24 | 4 | 10 | 4 | 24 | 1 | 21 | 350 | 14 | 0 | 24 | 9 | 8 | 0 | 708 |
| 17:00 | 7 | 53 | 9 | 2 | 0 | 0 | 6 | 0 | 5 | 86 | 7 | 0 | 4 | 1 | 1 | 0 | 181 |
| 17:15 | 8 | 47 | 4 | 0 | 2 | 0 | 11 | 0 | 4 | 69 | 2 | 0 | 5 | 1 | 3 | 0 | 156 |
| 17:30 | 19 | 35 | 3 | 0 | 1 | 2 | 9 | 0 | 2 | 80 | 6 | 0 | 8 | 1 | 2 | 0 | 168 |
| 17:45 | 14 | 37 | 8 | 0 | 1 | 0 | 4 | 0 | 2 | 42 | 4 | 0 | 6 | 2 | 4 | 0 | 124 |
| Total | 48 | 172 | 24 | 2 | 4 | 2 | 30 | 0 | 13 | 277 | 19 | 0 | 23 | 5 | 10 | 0 | 629 |
| Grand Total | 337 | 1766 | 201 | 38 | 109 | 53 | 350 | 6 | 140 | 2352 | 99 | 1 | 202 | 44 | 104 | 2 | 5804 |
| Apprch % | 14.4 | 75.4 | 8.6 | 1.6 | 21 | 10.2 | 67.6 | 1.2 | 5.4 | 90.7 | 3.8 | 0 | 57.4 | 12.5 | 29.5 | 0.6 | |
| Total % | 5.8 | 30.4 | 3.5 | 0.7 | 1.9 | 0.9 | 6 | 0.1 | 2.4 | 40.5 | 1.7 | 0 | 3.5 | 0.8 | 1.8 | 0 | |
| Cars | 328 | 1695 | 192 | 38 | 104 | 50 | 341 | 6 | 129 | 2278 | 95 | 1 | 196 | 40 | 96 | 2 | 5591 |
| % Cars | 97.3 | 96 | 95.5 | 100 | 95.4 | 94.3 | 97.4 | 100 | 92.1 | 96.9 | 96 | 100 | 97 | 90.9 | 92.3 | 100 | 96.3 |
| Trucks | 9 | 71 | 9 | 0 | 5 | 3 | 9 | 0 | 11 | 74 | 4 | 0 | 6 | 4 | 8 | 0 | 213 |
| % Trucks | 2.7 | 4 | 4.5 | 0 | 4.6 | 5.7 | 2.6 | 0 | 7.9 | 3.1 | 4 | 0 | 3 | 9.1 | 7.7 | 0 | 3.7 |

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Ref Pt:004+00.956

Site Code :

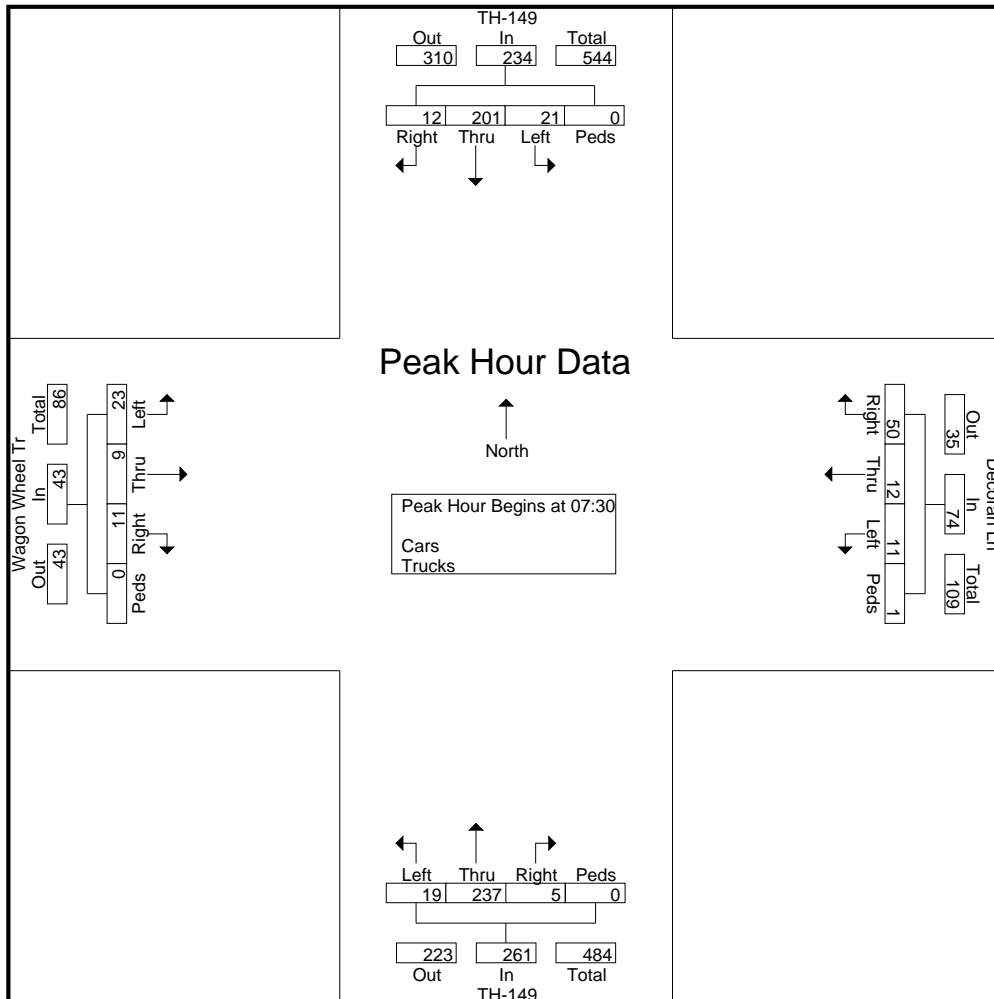
Data Prepared By: ACS

Start Date : 3/20/2019

TURNING MOVEMENT COUNT

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| Start Time | TH-149 Southbound | | | | | Decorah Ln Westbound | | | | | TH-149 Northbound | | | | | Wagon Wheel Tr 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 11:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:30 | | | | | | | | | | | | | | | | | | | | | |
| 07:30 | 4 | 51 | 1 | 0 | 56 | 2 | 7 | 15 | 0 | 24 | 6 | 64 | 1 | 0 | 71 | 3 | 2 | 2 | 0 | 7 | 158 |
| 07:45 | 5 | 43 | 0 | 0 | 48 | 3 | 4 | 9 | 0 | 16 | 8 | 52 | 2 | 0 | 62 | 6 | 3 | 5 | 0 | 14 | 140 |
| 08:00 | 3 | 54 | 4 | 0 | 61 | 5 | 0 | 12 | 1 | 18 | 2 | 59 | 1 | 0 | 62 | 9 | 1 | 4 | 0 | 14 | 155 |
| 08:15 | 9 | 53 | 7 | 0 | 69 | 1 | 1 | 14 | 0 | 16 | 3 | 62 | 1 | 0 | 66 | 5 | 3 | 0 | 0 | 8 | 159 |
| Total Volume | 21 | 201 | 12 | 0 | 234 | 11 | 12 | 50 | 1 | 74 | 19 | 237 | 5 | 0 | 261 | 23 | 9 | 11 | 0 | 43 | 612 |
| % App. Total | 9 | 85.9 | 5.1 | 0 | | 14.9 | 16.2 | 67.6 | 1.4 | | 7.3 | 90.8 | 1.9 | 0 | | 53.5 | 20.9 | 25.6 | 0 | | |
| PHF | .583 | .931 | .429 | .000 | .848 | .550 | .429 | .833 | .250 | .771 | .594 | .926 | .625 | .000 | .919 | .639 | .750 | .550 | .000 | .768 | .962 |



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Site Code :

Data Prepared By: ACS

Start Date : 3/20/2019

TURNING MOVEMENT COUNT

Page No : 4

| Start Time | TH-149 Southbound | | | | | Decorah Ln Westbound | | | | | TH-149 Northbound | | | | | Wagon Wheel Tr 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 17:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 16:15 | | | | | | | | | | | | | | | | | | | | | |
| 16:15 | 11 | 51 | 6 | 2 | 70 | 0 | 0 | 8 | 0 | 8 | 4 | 87 | 6 | 0 | 97 | 6 | 5 | 1 | 0 | 12 | 187 |
| 16:30 | 15 | 31 | 7 | 1 | 54 | 3 | 3 | 7 | 0 | 13 | 7 | 102 | 4 | 0 | 113 | 8 | 3 | 1 | 0 | 12 | 192 |
| 16:45 | 13 | 45 | 4 | 0 | 62 | 4 | 1 | 7 | 0 | 12 | 3 | 87 | 1 | 0 | 91 | 4 | 1 | 4 | 0 | 9 | 174 |
| 17:00 | 7 | 53 | 9 | 2 | 71 | 0 | 0 | 6 | 0 | 6 | 5 | 86 | 7 | 0 | 98 | 4 | 1 | 1 | 0 | 6 | 181 |
| Total Volume | 46 | 180 | 26 | 5 | 257 | 7 | 4 | 28 | 0 | 39 | 19 | 362 | 18 | 0 | 399 | 22 | 10 | 7 | 0 | 39 | 734 |
| % App. Total | 17.9 | 70 | 10.1 | 1.9 | | 17.9 | 10.3 | 71.8 | 0 | | 4.8 | 90.7 | 4.5 | 0 | | 56.4 | 25.6 | 17.9 | 0 | | |
| PHF | .767 | .849 | .722 | .625 | .905 | .438 | .333 | .875 | .000 | .750 | .679 | .887 | .643 | .000 | .883 | .688 | .500 | .438 | .000 | .813 | .956 |

