

Intersection Traffic Counts

Intersection: Hopkins Xrd & S Frontage Rd

Start Date: Tue, Oct 2, 2018

Duration: 6-9,11-13,15-18:00

Prepared by: Associated Consulting Services LLC

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(612) 568-3227

| All Vehicles_AM Peak (7:30AM-8:30AM) at Hopkins Xrd & S Frontage Rd | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|-------|-------|-------|-------|------|---------------------------------------|-------|-------|-------|-------|------|---------------------------------------|-------|-------|-------|-------|------|---------------------------------------|-------|-------|-------|-------|------|------------------------|-------------------------|
| Start Time | Hopkins Xrd North Leg (Southbound) | | | | | | S Frontage Rd East Leg (Westbound) | | | | | | Hopkins Xrd South Leg (Northbound) | | | | | | S Frontage Rd West Leg (Eastbound) | | | | | | 15-min Veh Total | 15-min Ped* Total |
| | U | L | T | R | App | Ped* | U | L | T | R | App | Ped* | U | L | T | R | App | Ped* | U | L | T | R | App | Ped* | | |
| | 7:30 | - | 30 | 153 | 13 | 196 | - | - | 14 | 8 | 15 | 37 | - | 1 | 22 | 196 | 40 | 259 | - | - | 1 | 6 | 9 | 16 | | |
| 7:45 | - | 44 | 149 | 14 | 207 | - | - | 15 | 11 | 14 | 40 | - | - | 22 | 170 | 39 | 231 | - | - | 1 | 7 | 5 | 13 | - | 491 | - |
| 8:00 | - | 22 | 193 | 16 | 231 | - | - | 15 | 8 | 11 | 34 | - | - | 19 | 150 | 40 | 209 | 1 | - | 3 | 4 | 5 | 12 | - | 486 | 1 |
| 8:15 | - | 40 | 201 | 25 | 266 | - | - | 19 | 8 | 13 | 40 | - | - | 14 | 139 | 34 | 187 | - | - | 1 | 11 | 5 | 17 | - | 510 | - |
| Total | - | 136 | 696 | 68 | 900 | - | - | 63 | 35 | 53 | 151 | - | 1 | 77 | 655 | 153 | 886 | 1 | - | 6 | 28 | 24 | 58 | - | 1995 | 1 |
| % App | - | 15% | 77% | 8% | 100% | - | - | 42% | 23% | 35% | 100% | - | 0% | 9% | 74% | 17% | 100% | - | - | 10% | 48% | 41% | 100% | - | - | - |
| % Total | - | 7% | 35% | 3% | 45% | - | - | 3% | 2% | 3% | 8% | - | 0% | 4% | 33% | 8% | 44% | 100% | - | 0% | 1% | 1% | 3% | - | 100% | 100% |
| PHF | - | 0.773 | 0.866 | 0.680 | 0.846 | - | - | 0.829 | 0.795 | 0.883 | 0.944 | - | 0.250 | 0.875 | 0.835 | 0.956 | 0.855 | - | - | 0.500 | 0.636 | 0.667 | 0.853 | - | 0.978 | - |
| Passenger Vehicles | - | 129 | 679 | 60 | 868 | - | - | 61 | 32 | 50 | 143 | - | 1 | 77 | 642 | 149 | 869 | - | - | 6 | 27 | 21 | 54 | - | 1934 | - |
| Passenger Vehicles % | - | 95% | 98% | 88% | 96% | - | - | 97% | 91% | 94% | 95% | - | 100% | 100% | 98% | 97% | 98% | - | - | 100% | 96% | 88% | 93% | - | 97% | - |
| HC Vehicles | - | 7 | 17 | 8 | 32 | - | - | 2 | 3 | 3 | 8 | - | - | - | 13 | 4 | 17 | - | - | - | 1 | 3 | 4 | - | 61 | - |
| HC Vehicles % | - | 5% | 2% | 12% | 4% | - | - | 3% | 9% | 6% | 5% | - | - | - | 2% | 3% | 2% | - | - | - | 4% | 13% | 7% | - | 3% | - |

| All Vehicles_Midday Peak (12:00PM-1:00PM) at Hopkins Xrd & S Frontage Rd | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------------|-------|-------|-------|-------|------|---------------------------------------|-------|-------|-------|-------|------|---------------------------------------|-------|-------|-------|-------|------|---------------------------------------|-------|-------|-------|-------|------|------------------------|-------------------------|
| Start Time | Hopkins Xrd North Leg (Southbound) | | | | | | S Frontage Rd East Leg (Westbound) | | | | | | Hopkins Xrd South Leg (Northbound) | | | | | | S Frontage Rd West Leg (Eastbound) | | | | | | 15-min Veh Total | 15-min Ped* Total |
| | U | L | T | R | App | Ped* | U | L | T | R | App | Ped* | U | L | T | R | App | Ped* | U | L | T | R | App | Ped* | | |
| | 12:00 | - | 9 | 81 | 14 | 104 | - | - | 18 | 20 | 25 | 63 | - | - | 13 | 79 | 8 | 100 | - | - | 4 | 8 | 16 | 28 | | |
| 12:15 | - | 12 | 86 | 4 | 102 | - | - | 6 | 16 | 37 | 59 | - | 1 | 9 | 75 | 8 | 93 | - | - | 8 | 19 | 10 | 37 | - | 291 | - |
| 12:30 | - | 19 | 74 | 8 | 101 | - | - | 8 | 12 | 17 | 37 | - | 1 | 14 | 85 | 11 | 111 | 1 | - | 5 | 14 | 11 | 30 | 1 | 279 | 2 |
| 12:45 | 1 | 17 | 78 | 7 | 103 | - | - | 6 | 11 | 24 | 41 | - | - | 9 | 110 | 14 | 133 | - | - | 6 | 14 | 14 | 34 | - | 311 | - |
| Total | 1 | 57 | 319 | 33 | 410 | - | - | 38 | 59 | 103 | 200 | - | 2 | 45 | 349 | 41 | 437 | 1 | - | 23 | 55 | 51 | 129 | 1 | 1176 | 2 |
| % App | 0% | 14% | 78% | 8% | 100% | - | - | 19% | 30% | 52% | 100% | - | 0% | 10% | 80% | 9% | 100% | - | - | 18% | 43% | 40% | 100% | - | - | - |
| % Total | 0% | 5% | 27% | 3% | 35% | - | - | 3% | 5% | 9% | 17% | - | 0% | 4% | 30% | 3% | 37% | 50% | - | 2% | 5% | 4% | 11% | 50% | 100% | 100% |
| PHF | 0.250 | 0.750 | 0.927 | 0.589 | 0.986 | - | - | 0.528 | 0.738 | 0.696 | 0.794 | - | 0.500 | 0.804 | 0.793 | 0.732 | 0.821 | - | - | 0.719 | 0.724 | 0.797 | 0.872 | - | 0.945 | - |
| Passenger Vehicles | 1 | 51 | 314 | 30 | 396 | - | - | 36 | 57 | 99 | 192 | - | 2 | 45 | 338 | 38 | 423 | - | - | 23 | 55 | 50 | 128 | - | 1139 | - |
| Passenger Vehicles % | 100% | 89% | 98% | 91% | 97% | - | - | 95% | 97% | 96% | 96% | - | 100% | 100% | 97% | 93% | 97% | - | - | 100% | 100% | 98% | 99% | - | 97% | - |
| HC Vehicles | - | 6 | 5 | 3 | 14 | - | - | 2 | 2 | 4 | 8 | - | - | - | 11 | 3 | 14 | - | - | - | - | 1 | 1 | - | 37 | - |
| HC Vehicles % | - | 11% | 2% | 9% | 3% | - | - | 5% | 3% | 4% | 4% | - | - | - | 3% | 7% | 3% | - | - | - | - | 2% | 1% | - | 3% | - |

| All Vehicles_PM Peak (4:45PM-5:45PM) at Hopkins Xrd & S Frontage Rd | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|-------|-------|-------|-------|------|---------------------------------------|-------|-------|-------|-------|------|---------------------------------------|-------|-------|-------|-------|------|---------------------------------------|-------|-------|-------|-------|------|------------------------|-------------------------|
| Start Time | Hopkins Xrd North Leg (Southbound) | | | | | | S Frontage Rd East Leg (Westbound) | | | | | | Hopkins Xrd South Leg (Northbound) | | | | | | S Frontage Rd West Leg (Eastbound) | | | | | | 15-min Veh Total | 15-min Ped* Total |
| | U | L | T | R | App | Ped* | U | L | T | R | App | Ped* | U | L | T | R | App | Ped* | U | L | T | R | App | Ped* | | |
| | 16:45 | 1 | 6 | 157 | 13 | 177 | - | - | 40 | 26 | 42 | 108 | - | - | 19 | 157 | 23 | 199 | 1 | - | 15 | 11 | 36 | 62 | | |
| 17:00 | 1 | 15 | 151 | 15 | 182 | - | - | 61 | 22 | 69 | 152 | - | - | 13 | 161 | 26 | 200 | 1 | - | 22 | 14 | 41 | 77 | - | 611 | 1 |
| 17:15 | - | 12 | 155 | 11 | 178 | - | - | 35 | 34 | 45 | 114 | - | - | 32 | 156 | 26 | 214 | - | - | 6 | 12 | 18 | 36 | - | 542 | - |
| 17:30 | - | 17 | 180 | 12 | 209 | - | - | 26 | 23 | 20 | 69 | - | - | 20 | 116 | 22 | 158 | 1 | 1 | 29 | 24 | 49 | 103 | 2 | 539 | 3 |
| Total | 2 | 50 | 643 | 51 | 746 | - | - | 162 | 105 | 176 | 443 | - | - | 84 | 590 | 97 | 771 | 3 | 1 | 72 | 61 | 144 | 278 | 2 | 2238 | 5 |
| % App | 0% | 7% | 86% | 7% | 100% | - | - | 37% | 24% | 40% | 100% | - | - | 11% | 77% | 13% | 100% | - | 0% | 26% | 22% | 52% | 100% | - | - | - |
| % Total | 0% | 2% | 29% | 2% | 33% | - | - | 7% | 5% | 8% | 20% | - | - | 4% | 26% | 4% | 34% | 60% | 0% | 3% | 3% | 6% | 12% | 40% | 100% | 100% |
| PHF | 0.500 | 0.735 | 0.893 | 0.850 | 0.892 | - | - | 0.664 | 0.772 | 0.638 | 0.729 | - | - | 0.656 | 0.916 | 0.933 | 0.901 | - | 0.250 | 0.621 | 0.635 | 0.735 | 0.675 | - | 0.916 | - |
| Passenger Vehicles | 2 | 48 | 634 | 43 | 727 | - | - | 161 | 103 | 175 | 439 | - | - | 84 | 573 | 95 | 752 | - | 1 | 71 | 61 | 143 | 276 | - | 2194 | - |
| Passenger Vehicles % | 100% | 96% | 99% | 84% | 97% | - | - | 99% | 98% | 99% | 99% | - | - | 100% | 97% | 98% | 98% | - | 100% | 99% | 100% | 99% | 99% | - | 98% | - |
| HC Vehicles | - | 2 | 9 | 8 | 19 | - | - | 1 | 2 | 1 | 4 | - | - | - | 17 | 2 | 19 | - | - | 1 | - | 1 | 2 | - | 44 | - |
| HC Vehicles % | - | 4% | 1% | 16% | 3% | - | - | 1% | 2% | 1% | 1% | - | - | - | 3% | 2% | 2% | - | - | 1% | - | 1% | 1% | - | 2% | - |

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total
 Ped* = pedestrians and bicyclists on crosswalk
 % App = percentage of specific movement total in relation to its approach total
 % Total = percentage of specific movement total in relation to its intersection total
 Passenger Vehicles % = percentage of passenger vehicle total in a specific movement
 HC Vehicles % = percentage of heavy commercial vehicle total in a specific movement
 dash (-) in the table indicates zero or not applicable

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Duration: 6-9,11-13,15-18:00

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